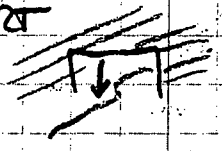
★ Needs to be Copied Again for Set. ★

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page 1 of 2

Location CL stream CLOVEY Sampled By C.F Date 10-27-99
culvert X bridge ___ other ___ Rain started when? MORN Time 13:01
Rising X or Falling ___ or Peak ___ Stage Current weather RAIN Turbidity 13.0
Stream Width ___
Stage reading ___ or culvert invert X or sketch cross section, showing depth measurements & locations:

71½" ↓ BOX CULVERT



Velocity — Sketch map of high and low velocity strands:

High-velocity strand width ✓		Low-velocity strand width ___	
Distance 1 10"	Time #1 8.7"	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Location FTR stream FRWTR Sampled By C.F Date 10-27-99
culvert ___ bridge ___ other X Rain started when? MORN Time 16:31 - PC time
Rising ___ or Falling ___ or Peak ___ Stage Current weather RAIN Turbidity 3.31
Stream Width ___ 0.28
Stage reading X or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Staff Plate Terry's HACH Sample next to Boom
Neq-turb on computer 1.000
DIS 7.7666

Velocity — Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 ___	Time #1 ___	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Location GG stream GRAHAM Sampled By C.F Date 10-27-99
culvert X bridge ___ other ___ Rain started when? MORN Time 17:38
Rising ___ or Falling ___ or Peak ___ Stage Current weather RAIN Turbidity 7.17
Stream Width ___
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Water Depth 4"

Velocity — Sketch map of high and low velocity strands:

High-velocity strand width X		Low-velocity strand width ___	
Distance 1 10'	Time #1 6 sec	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? By Page 2 of 2

Location MC stream MC Sampled By C.F Date 12-27-99
culvert X bridge ___ other ___ Rain started when? MORN. Time 17:48
Rising ___ or Falling ___ or Peak ___ Stage Current weather RAIN Turbidity ___
Stream Width ___
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

STAFF PLATE 0.5 WOOD BAFFLE FLOOR OF CULVERT

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 ___	Time #1 ___	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Location ___ stream ___ Sampled By ___ Date ___
culvert ___ bridge ___ other ___ Rain started when? ___ Time ___
Rising ___ or Falling ___ or Peak ___ Stage Current weather ___ Turbidity ___
Stream Width ___
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 ___	Time #1 ___	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

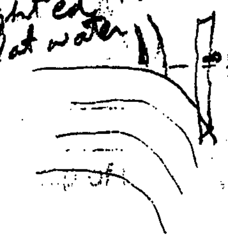
Location ___ stream ___ Sampled By ___ Date ___
culvert ___ bridge ___ other ___ Rain started when? ___ Time ___
Rising ___ or Falling ___ or Peak ___ Stage Current weather ___ Turbidity ___
Stream Width ___
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 ___	Time #1 ___	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Location CLONEY Sampled by JN CF Date 11/30/99
Rain start time ______ Current weather ______ Time 17:05
Peak stage ______ Current stage 1.1 = 1.99 ON M. LANG Stage Gauge as sighted to flat water
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:



1.1 = 4.13 below concrete form line on
R.Right RR downstream face of culvert
FAST WATER embankment SAME Stage as last note
SIDE Discharge at 1', 2', 3', 4' See form

Comments: Sampling Cert [illegible] on CF, JN

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

Location G Gulch Sampled by JN Date 11-30-99
Rain start time 2+ days Current weather RAIN SHOWERS Time 18:22
Peak stage ______ Current stage ↓ 4.2" INCREASING AFTER FALLING for 2 [illegible]
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#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 drawings 11-29-99

Comments:

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

Location MC Sampled by JN Date 11-30-99
Rain start time 2 days ago ± Current weather RAIN SHOWERS Time 18:35
Peak stage ______ Current stage 4" ↓ from peak as seen by wetted line on dry concrete inside culvert
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#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 previous drawing

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time

Location C LONEY | Sampled by JN CF | Date 11/30/99
Rain start time _____ | Current weather _____ | Time 17:05
Peak stage _____ | Current stage 1.1 = 1.99 ON M. LANG Stage Gauge as sighted to flat water
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

1.1 = 4.13 below concrete form line on R.R. downstream face of culvert

R. Right FAST WATER SIDE — R.R. downstream embankment — SAMG Stage at last site

Comments: Discharge at 1', 2', 3', 4' see form
Sampling Certification CF, JN

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

Location G Gulch | Sampled by JN | Date 11-30-99
Rain start time 2+ days | Current weather RAIN SHOWERS | Time 18:22 ✓
Peak stage _____ | Current stage ↓ 4.2' INCREASING AFTER FALLING for 20 hours
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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 drawings 11-29-99

Comments:

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

Location MC | Sampled by JN | Date 11-30-99
Rain start time 2 days ago + | Current weather RAIN SHOWERS | Time 18:35
Peak stage _____ | Current stage 44" ↓ from peak as seen by wetted line on dry concrete inside culvert
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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 previous drawing

Comments:

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

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

ID REEF JCK

Location BRICELAND stream REDWOOD CREEK Sampled By [illegible] Date 11/30/99
culvert___ bridge ✓ other___ Rain started when? 11/29/99 Time 1:30 AM
Rising__ or Falling__ or Peak ✓ Stage Current weather RAINING Turbidity ~~8.6~~ 50.4
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location BRICELAND stream REDWOOD CREEK Sampled By [illegible] Date 11/30/99
culvert___ bridge ✓ other___ Rain started when? 11/29 - 11/30 Time 8:30 PM
Rising__ or Falling__ or Peak ✓ Stage Current weather COLD/RAINING OFF & ON Turbidity 81.6
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location BRICELAND stream REDWOOD CREEK Sampled By [illegible] Date 12/1/99
culvert___ bridge ✓ other___ Rain started when? _____ Time 9:30 AM
Rising ✓ or Falling___ or Peak___ Stage Current weather OVERCAST - NOT RAINING Turbidity 8.64
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

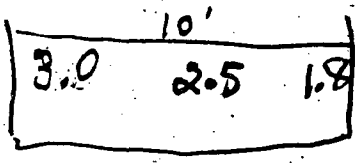
Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

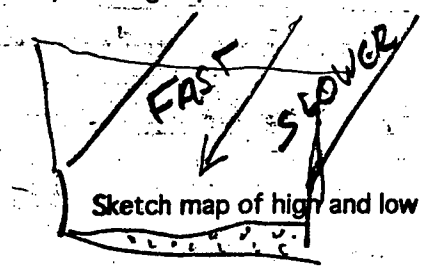
Watershed Watch
Grab Sampling Field Data Sheet

DU

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page ____ of ____

Location MC stream ____ Sampled By JN Date 11/29/99
culvert ___ bridge ___ other SQ CV Rain started when? _____ Time 19:25
Rising ✓ or Falling _____ and/or Peak stage _____ readings Turbidity 723 by JN
Stream Width 10' Current weather _____ @ date/time 0:13
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations: 11/30/99
Notes: RISING STAGE





Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1 20 Time #1 5.55 Distance 1 ____ Time #1 ____
Distance 2 20 Time #2 5.47 Distance 2 ____ Time #2 ____
Distance 3 20 Time #3 5.63 Distance 3 ____ Time #3 ____

Location CL stream Fresh Sampled By JN TR Date 11/29/99
culvert ___ bridge ___ other ___ Rain started when? LAST NIGHT Time 21:45
Rising ? or Falling _____ and/or Peak stage X 1.1 readings Turbidity 207 by JN
Stream Width _____ Current weather Showers @ date/time 23:50
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations: 11/29/99
Notes:

Sketch map of high and low velocity strands:

Last Rusted corrugation

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1 10 Time #1 2.76 Distance 1 10' Time #1 3.5 Sec
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Location Graham stream Fishweir Sampled By JL TR Date 11/29/99
culvert ✓ bridge ___ other ___ Rain started when? LAST NIGHT Time 2200
Rising ? or Falling _____ and/or Peak stage X ? readings Turbidity 146 by JN
Stream Width 13' MOVING WATER Current weather SHOWERS @ date/time 23:55
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations: 11/29/99
Notes: 4.35 ft to break in culvert edge (from H2O surface

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1 ____ Time #1 ____ Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By _____ Page ____ of ____

Location Jacoby stream Old arcata Sampled By JN Date 11/29/99
culvert ___ bridge ___ other ___ Rain started when? _____ Time 2329
Rising ____ or Falling X and/or Peak stage X readings Turbidity 201 by JN
Stream Width _____ Current weather Showers @ date/time 23:48 11/29/99
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: 3.45↓ Bottom of Concrete

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location MC stream Fresh Sampled By JN Date 11/29/99
culvert ___ bridge ___ other ___ Rain started when? _____ Time 20:32
Rising _____ or Falling 24" and/or Peak stage ? @ Peak readings Turbidity 381 by JN
Stream Width 20' Current weather _____ @ date/time 11/29/99 23:58
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: This sample taken from DIS bottle and returned to DIS Bottle

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location _____ stream _____ Sampled By _____ Date _____
culvert ___ bridge ___ other ___ Rain started when? _____ Time _____
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by _____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

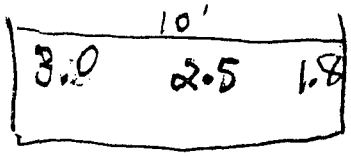
VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

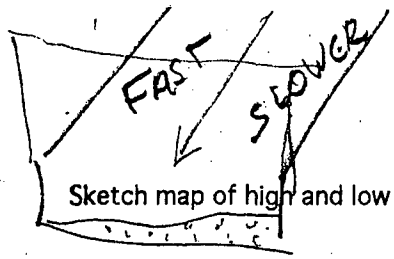
Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page____ of____

Location MC stream_____ Sampled By JN Date 11/29/99
culvert___bridge___other SQ CV Rain started when? _____ Time 19:25
Rising ✓ or Falling_____ and/or Peak stage_____readings Turbidity 723 by JN
Stream Width 10' Current weather _____ @ date/time 0:13
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations: 11/30/99

Notes: RISING STAGE

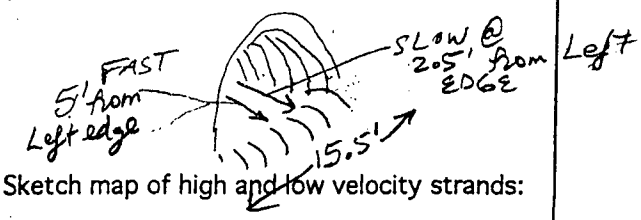




Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 20 Time #1 5.55 Distance 1_____ Time #1_____
Distance 2 20 Time #2 5.47 Distance 2 _____ Time #2 _____
Distance 3 20 Time #3 5.63 Distance 3 _____ Time #3 _____

Location CL stream Marsh Sampled By JN TR Date 11/29/99
culvert___bridge___other___ Rain started when? LAST NIGHT Time 21:45
Rising ? or Falling_____ and/or Peak stage X 1.1 readings Turbidity 207 by JN
Stream Width_____ Current weather Showers @ date/time 23:50 11/29/99
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes:



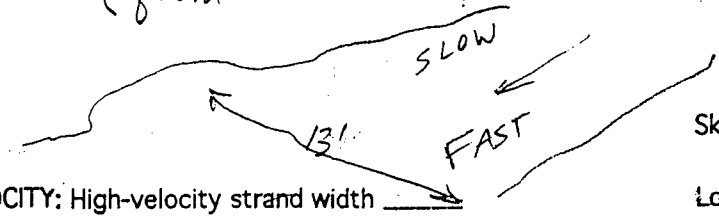
Last Rusted corrugation

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 10 Time #1 2.76 Distance 1 10' Time #1 3.5 sec
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location Graham stream Fishwater Sampled By JL, TR Date 29 NOV 99
culvert ✓ bridge___other___ Rain started when? LAST NIGHT Time 2200
Rising ✓ or Falling_____ and/or Peak stage X 2 readings Turbidity 146 by JN
Stream Width 13' MOVING WATER Current weather SHOWERS @ date/time 23:55 11/29/99
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes: 4.35 ft to break in culvert edge (from H20 surface

DEAD	2	4'	6'	8'	10	12'	14
	.4	.4	.8	1.0	1.3	1.0	1.0



Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Watershed Watch

Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page ____ of ____

Location Searby stream Old arcata Sampled By JN Date 11/29/99
culvert ___ bridge ___ other ___ Rain started when? _____ Time 2329
Rising ____ or Falling X and/or Peak stage X readings Turbidity 201 by JN
Stream Width ____ Current weather Showers @ date/time 23:48 11/29/99
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: 3.45 ↓ Bottom of Concrete

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1 ____ Time #1 ____ Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Location MC stream FRESH Sampled By JN Date 11/29/99
culvert ___ bridge ___ other ___ Rain started when? _____ Time 20:32
Rising ____ or Falling 24" and/or Peak stage ? @ Peak readings Turbidity 381 by JN
Stream Width 10' Current weather _____ @ date/time 11/29/99 23:58
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: This sample taken from DIS bottle and returned to DIS Bottle

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1 ____ Time #1 ____ Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Location ____ stream ____ Sampled By ____ Date ____
culvert ___ bridge ___ other ___ Rain started when? _____ Time ____
Rising ____ or Falling ____ and/or Peak stage ____ readings Turbidity ____ by ____
Stream Width ____ Current weather _____ @ date/time ____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

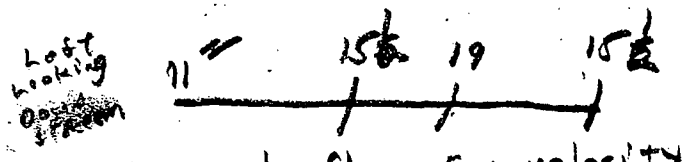
Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1 ____ Time #1 ____ Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location Amos stream Seeley Sampled By George Date 11/29/99
culvert X bridge ___ other ___ Rain started when? Early AM 11/29 Time 10:00 AM
Rising ___ or Falling ___ or Peak X Stage Current weather Light Rain Turbidity 11.1
Stream Width 80 =
Stage reading 2 ' or culvert invert ___ or sketch cross section, showing depth measurements & locations:



Velocity not enough flow for velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 ___	Time #1 ___	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Location AMOS stream Seeley Sampled By George Date 11/30/99
culvert X bridge ___ other ___ Rain started when? 11/29 AM Time 11:30 AM
Rising X or Falling ___ or Peak ___ Stage Current weather Rain Turbidity 13.4
Stream Width 80 =
Stage reading 1½ " or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 ___	Time #1 ___	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Location AMOS stream Seeley Sampled By George Date 11/30/99
culvert X bridge ___ other ___ Rain started when? 11/29 PM Time 5:17
Rising ___ or Falling X or Peak ___ Stage Current weather Rain Turbidity 26.8
Stream Width 80 =
Stage reading 3 " or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Culv. is 48 =
I measured actual water width

Velocity Sketch map of high and low velocity strands:

High-velocity strand width 22 = 16		Low-velocity strand width ___	
Distance 1 30 "	Time #1 6	Distance 1 ___	Time #1 ___
Distance 2 30 "	Time #2 5	Distance 2 ___	Time #2 ___
Distance 3 30 "	Time #3 5	Distance 3 ___	Time #3 ___

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location Pike Hill stream Seeley Sampled By Geoeje Date 11/30/99
culvert X bridge other Rain started when? Sunday 11:00 PM Time 10:15 PM
Rising or Falling or Peak X Stage Current weather light Rain Turbidity 227
Stream Width
Stage reading 15 or culvert invert or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width Low-velocity strand width

Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location Pike Hill stream Seeley Sampled By Geoeje Date 11/30/99
culvert X bridge other Rain started when? 11/29/99 Time 10:36 AM
Rising X or Falling or Peak Stage Current weather Rain Turbidity 29.5
Stream Width
Stage reading 7" or culvert invert or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width Low-velocity strand width

Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location Pike Hill stream Seeley Sampled By Geoeje Date 11/30/99
culvert X bridge other Rain started when? 11/29/99 Time 5:05 PM
Rising or Falling X or Peak Stage Current weather Rain Turbidity 185
Stream Width
Stage reading 18" or culvert invert or sketch cross section, showing depth measurements & locations:
Peaked at 24"

Velocity Sketch map of high and low velocity strands:
High-velocity strand width Low-velocity strand width

Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

NO. 1104

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? By Page of

Location__________ stream_____ Sampled By_____ Date__________
culvert___bridge___other___ Rain started when? __________ Time __________
Rising__ or Falling__ or Peak___ Stage Current weather ____________ Turbidity_______
Stream Width______
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location__________ stream_____ Sampled By_____ Date__________
culvert___bridge___other___ Rain started when? __________ Time__________
Rising__ or Falling__ or Peak___ Stage Current weather ____________ Turbidity_______
Stream Width______
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location__________ stream_____ Sampled By_____ Date__________
culvert___bridge___other___ Rain started when? __________ Time__________
Rising__ or Falling__ or Peak___ Stage Current weather ____________ Turbidity_______
Stream Width______
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

K. Kraus

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 3 of 3

Location_____ stream_____ Sampled By_____ Date 11/17
culvert___bridge___other___ Rain started when? _____ Time 0845
Rising__ or Falling__ or Peak ✓ Stage Current weather _____ Turbidity_____
Stream Width 17'
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

D = 18.2'
.15" rain since last measure on 11/16.

Velocity 1.18 ft/sec. Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location_____ stream_____ Sampled By_____ Date 11/18
culvert___bridge___other___ Rain started when? _____ Time 0855
Rising__ or Falling ✓ or Peak___ Stage Current weather _____ Turbidity_____
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

0 rain since last measure on 11/17.

Velocity .85 ft/sec. Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location_____ stream_____ Sampled By_____ Date_____
culvert___bridge___other___ Rain started when? _____ Time_____
Rising__ or Falling__ or Peak___ Stage Current weather _____ Turbidity_____
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location Jewett stream Seeley Sampled By Geesje Date 11/30/99
culvert___ bridge X other___ Rain started when? 11/29 1am Time 11:55 AM
Rising X or Falling___ or Peak___ Stage Current weather Rain Turbidity 240
Stream Width 22
Stage reading 1.5 or culvert invert___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 18	Time #1 3	Distance 1___	Time #1___
Distance 2 18	Time #2 4	Distance 2 ___	Time #2 ___
Distance 3 18	Time #3 4	Distance 3 ___	Time #3 ___

Notes:

Location Jewett stream Seeley Sampled By Geesje Date 11/30/99
culvert___ bridge X other___ Rain started when? 11/29/99 Time 5:43 PM
Rising X or Falling___ or Peak___ Stage Current weather Rain Turbidity 486 Yikes!
Stream Width 22"
Stage reading 1.5 or culvert invert___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 18"	Time #1 2	Distance 1___	Time #1___
Distance 2 18"	Time #2 2	Distance 2 ___	Time #2 ___
Distance 3 18	Time #3 2	Distance 3 ___	Time #3 ___

Notes:

Location___ stream___ Sampled By___ Date___
culvert___ bridge___ other___ Rain started when? ___ Time___
Rising___ or Falling___ or Peak___ Stage Current weather ___ Turbidity___
Stream Width___
Stage reading___ or culvert invert___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

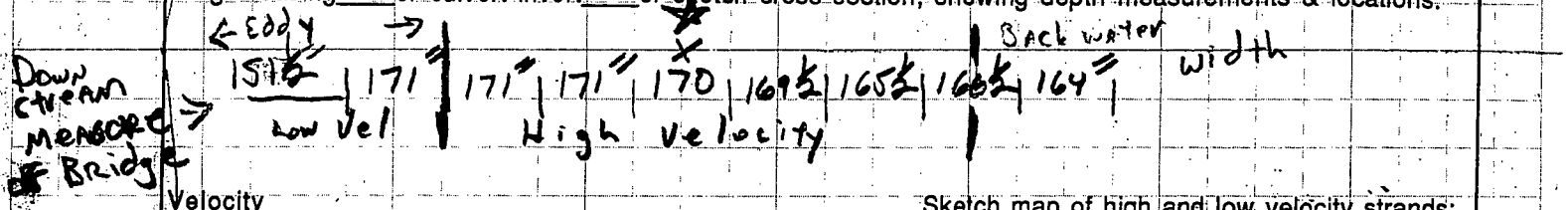
High-velocity strand width ___		Low-velocity strand width ___	
Distance 1___	Time #1___	Distance 1___	Time #1___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page _____ of _____

Location Junk Yd stream Seeley Sampled By George Date 11/16/99
culvert ___ bridge X other ___ Rain started when? _____ Time 4:30 PM
Rising ___ or Falling X or Peak ___ Stage Current weather Cloudy Turbidity 99.9
Stream Width 222 =
Stage reading 153 or culvert invert ___ or sketch cross section, showing depth measurements & locations:



Velocity — Sketch map of high and low velocity strands:
High-velocity strand width ___ Low-velocity strand width ___
Distance 1 18 Time #1 4 sec Distance 1 ___ Time #1 ___
Distance 2 18 Time #2 5 Distance 2 ___ Time #2 ___
Distance 3 18 Time #3 4 Distance 3 ___ Time #3 ___
Notes: Too Much Vegetation for low Velocity

Location Junk Yd stream Seeley Sampled By George Date 11/19/99
culvert ___ bridge X other ___ Rain started when? Evening Time 10:00 AM
Rising X or Falling ___ or Peak ___ Stage Current weather Rain Turbidity 950?
Stream Width 222 =
Stage reading 152 or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Velocity — Sketch map of high and low velocity strands:
High-velocity strand width ___ Low-velocity strand width ___
Distance 1 18 Time #1 4 Distance 1 ___ Time #1 ___
Distance 2 18 Time #2 3 Distance 2 ___ Time #2 ___
Distance 3 18 Time #3 2 Distance 3 ___ Time #3 ___
Notes:

Location Junk Yd stream Seeley Sampled By George Date 11/28/99
culvert ___ bridge ✓ other ___ Rain started when? Sun 11/28/99 Time 10:45 PM
Rising ___ or Falling ___ or Peak X Stage Current weather Light Rain Turbidity 148
Stream Width 222 =
Stage reading 151 or culvert invert ___ or sketch cross section, showing depth measurements & locations: ✓

To Dark for velocity

Velocity — Sketch map of high and low velocity strands:
High-velocity strand width ___ Low-velocity strand width ___
Distance 1 ___ Time #1 ___ Distance 1 ___ Time #1 ___
Distance 2 ___ Time #2 ___ Distance 2 ___ Time #2 ___
Distance 3 ___ Time #3 ___ Distance 3 ___ Time #3 ___
Notes:

Watershed Watch
Grab Sampling Field Data Sheet

2-4-00

Lab/ data base Info: HydroYear 2000 Copied? By Page of

Location A stream SC Sampled By MH Date 1/11/00
culvert ✓ bridge other Rain started when? 4:00 am Time 2:00
Rising ✓ or Falling or Peak Stage Current weather light rain Turbidity
Stream Width
Stage reading 5 3/4 or culvert invert or sketch cross section, showing depth measurements & locations:

Velocity — Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1 20	Time #1 8 sec	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location A stream SC Sampled By MH Date 1/11/00
culvert ✓ bridge other Rain started when? A.M. 10th Time 3:25
Rising or Falling ✓ or Peak Stage Current weather cloudy intermit. rain Turbidity 20.4 1/19/00 20:06
Stream Width
Stage reading 5¼ or culvert invert or sketch cross section, showing depth measurements & locations:

cork was at 20" from previous peak - heavy rain last nite

Velocity — Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1 20	Time #1 5 sec	Distance 1	Time #1
Distance 2 20	Time #2 5 sec	Distance 2	Time #2
Distance 3 20	Time #3 5 sec	Distance 3	Time #3

Notes:

Location A stream SC Sampled By VMdL Date 1/18/2000
culvert bridge other Rain started when? OFF & ON Time 1:45 PM
Rising or Falling ✓ or Peak Stage Current weather INTERMIT. RAIN Turbidity 20.3 1/19/00 20:06
Stream Width
Stage reading 0.4 or culvert invert or sketch cross section, showing depth measurements & locations:

cork at 17" from previous PEAK

Velocity — Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1 20	Time #1 9	Distance 1	Time #1
Distance 2 20	Time #2 8	Distance 2	Time #2
Distance 3 20	Time #3 9	Distance 3	Time #3

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 10 of 10

27

Location uphill creek stream LSFEIK Sampled By Soyce Date 11-16
culvert ___ bridge ___ other X Rain started when? _____ Time 16:15
Rising ___ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity 127 NTU
Stream Width 31
Stage reading X or culvert invert ___ or sketch cross section, showing depth measurements & locations:

after 2nd uphill

6¼" 6" 6" 5¼"

Instream downbank

31"
6 6 6 5¼

Road waterbars into stream. Possible clearcut above.

Velocity
High-velocity strand width 31 Low-velocity strand width _____
Distance 1 6' Time #1 5.52 Distance 1 ____ Time #1 ____
Distance 2 6' Time #2 4.73 Distance 2 ____ Time #2 ____
Distance 3 6' Time #3 4.82 Distance 3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Notes:

target 08/15

28

4" culvert 4½ miles upstream Clinton

Location Forest Creek stream 5 miles Sampled By JN Date 11-16
culvert ___ bridge ___ other ___ Rain started when? _____ Time 16:40
Rising ___ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity 22.0 NTU
Stream Width 9'
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

#28

1 foot either side still H₂O

2" 5" 10" 15" 17" 21" 21" 8"

Velocity
High-velocity strand width 5' Low-velocity strand width ____
Distance 1 10' Time #1 26.57 Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Notes:

29

bottle plastic

Location ~~Head~~ 40' stream SFEIK Sampled By JN Date 11-16
culvert ___ bridge ___ other X Rain started when? _____ Time 17:15
Rising ___ or Falling X or Peak ___ Stage Current weather _____ Turbidity 8.73 NTU
Stream Width 15' AVERAGE
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

3" 6" 10" 9" 4"
14"

Pt where velocity measured IS 14" WIDE BETWEEN ROCKS

Velocity
High-velocity strand width 14" Low-velocity strand width ____
Distance 1 5 Time #1 2.17 Distance 1 ____ Time #1 1.97
Distance 2 5 Time #2 1.95 Distance 2 ____ Time #2 ____
Distance 3 5 Time #3 1.86 ← Distance 3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? ~~2-4~~ 2-10 By _____ Page 9 of 10

24 Location Road ditch above LSF stream _____ Sampled By SK Date 11-16
culvert X bridge ___ other ___ Rain started when? _____ Time 15:48
Rising ___ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity 11.6 NTU
Stream Width _____
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

culvert size 18
invert 17 1/2
late seral Forest
above LSF

Velocity too small to measure Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____

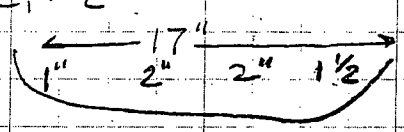
Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

25 Location culvert creek stream SF Elk Sampled By SK Date 11-16-99
culvert ___ bridge ___ other X above old culvert Rain started when? _____ Time 15:50
Rising ___ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity 31.3 NTU
Stream Width 17"
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Dug out by backhoe

1, 2, 2, 1 1/2 no culvert



LS Forest

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 15' Low-velocity strand width ___

Distance 1 10'	Time #1 6.80	Distance 1 10'	Time #1 5.87
Distance 2 10'	Time #2 6.40	Distance 2 ___	Time #2 ___
Distance 3 10'	Time #3 4.93	Distance 3 ___	Time #3 ___

Notes:

26 Location L. Elk Rd stream SF Elk Sampled By SK Date 11-16
culvert ___ bridge X other ___ Rain started when? midnite Time 16:00
Rising ___ or Falling ___ or Peak ___ Stage Current weather clear still Turbidity 16.6 NTU
Stream Width 3'
Stage reading X or culvert invert ___ or sketch cross section, showing depth measurements & locations:

X-SECTION: 6'5" from upper bridge rail - 20' from L Bank
cross section every 2 feet to bottom

1	2	3	4	5	6	7
6'8"	6'10 1/2"	7'5 1/2"	7'5 1/2"	7'7"	7'9 1/2"	8'2"

Velocity 4, 9, 5, 7, 9, 7, 3"
reach UPSTREAM BETWEEN ROCK 3'
Velocity CONFINEMENT

Sketch map of high and low velocity strands:
High-velocity strand width 3' Low-velocity strand width 1 on each side

Distance 1 10'	Time #1 2.25	Distance 1 ___	Time #1 ___
Distance 2 10'	Time #2 2.53	Distance 2 ___	Time #2 ___
Distance 3 10'	Time #3 2.48	Distance 3 ___	Time #3 ___

8	9	10	11	12
8'3"	8'4"	8'4"	7'3"	6'5

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 8 of 10

10029
at Bend
over
100K

Location 19 stream SF Elk Sampled By Date 11-16
culvert ___ bridge ___ other ___ Rain started when? Time 15:39
Rising ___ or Falling ___ or Peak ___ Stage Current weather Turbidity
Stream Width
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Only 12" no samples

Velocity
High-velocity strand width Low-velocity strand width
Sketch map of high and low velocity strands:

Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

2 1/2 mile
Rock-

Location 20M stream SF Elk Sampled By SN Date 11-16
culvert X bridge ___ other ___ Rain started when? Time 15:40
Rising ___ or Falling ___ or Peak ___ Stage Current weather Turbidity 230 NTU
Stream Width
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

24" culvert. road side stream

Reduce 1 5.00pm 2/24/99

1 qt / minute

Velocity
High-velocity strand width Low-velocity strand width
Sketch map of high and low velocity strands:

Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

2nd
growth
Forested

Location 58 orange spray paint / stream Sampled By S Date 11-16
culvert X bridge ___ other ___ Rain started when? Time 15:45
Rising ___ or Falling ___ or Peak ___ Stage Current weather Turbidity
Stream Width
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

yellow
△
916
WLB
Blue

14" culvert Only no samples

Velocity
High-velocity strand width Low-velocity strand width
Sketch map of high and low velocity strands:

Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 7 of 10

Location 22 SF Elk stream ____ Sampled By SN Date 11-16
culvert ___ bridge X other ___ Rain started when? ____ Time 15:22
Rising ___ or Falling ___ or Peak X Stage Current weather clear Turbidity 75.7 NTU
Stream Width 24' 19' wide bridge parallel to the flow
Stage reading 18'2" or culvert invert ___ or sketch cross section, showing depth measurements & locations:
from moss covered thimbleberry to down river side of bridge is 58'
Stage from middle of river flow = 18'2" about 40' from N side of bridge
Sesses ankle deep 8" avg
out by moss Breech- ↓

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 22' RR Low-velocity strand width ____
Distance 1 19' Time #1 3.51 Distance 1 ____ Time #1 ____
Distance 2 58' Time #2 13sec Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____
Depth 5" 12" and btw } upstream X-section
under 10" 1" 13" avg = 8"
Notes:

Location ____ stream ____ Sampled By SN Date 11-16
culvert X bridge ___ other ___ Rain started when? ____ Time 15:27
Rising ___ or Falling ___ or Peak ___ Stage Current weather ____ Turbidity 66.4 NTU
#21 Stream Width ____
Stage reading ____ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

DC 1 10:00am 2/18/99

Velocity 1/2 gallon minute Sketch map of high and low velocity strands:
High-velocity strand width ____ Low-velocity strand width ____
Distance 1 ____ Time #1 ____ Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____
Notes:

---

23 Location Forested stream ____ Sampled By SN Date 11-16
culvert X bridge ___ other ___ Rain started when? ____ Time 15:34
Rising ___ or Falling ___ or Peak ___ Stage Current weather ____ Turbidity 8.23 NTU
Stream Width ____
Stage reading ____ or culvert invert ___ or sketch cross section, showing depth measurements & locations:
18" culvert Dry · Sampled 100ft up from culvert
2nd growth high tannins - yellow H2O
1/2 gallon/minute

Velocity Sketch map of high and low velocity strands:
High-velocity strand width ____ Low-velocity strand width ____
Distance 1 ____ Time #1 ____ Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____
Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 6 of 10

Sitka source

Location 16 stream ____ Sampled By SN Date 11-16
culvert X bridge ___ other ___ Rain started when? ____ Time 14:10
Rising ___ or Falling ___ or Peak ___ Stage Current weather ____ Turbidity 375 NTU
Stream Width ____
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

18" culvert

to small to measure

Velocity ½ gallon/min est. Sketch map of high and low velocity strands:
High-velocity strand width ____ Low-velocity strand width ____
Distance 1 ____ Time #1 ____ Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____
Notes:

Trail Rehab WO93

Location 17 stream ____ Sampled By SN Date 11-16
culvert ___ bridge ___ other X roadside stream Rain started when? ____ Time 14:12
Rising ___ or Falling ___ or Peak ___ Stage Current weather ____ Turbidity ____
Stream Width ____
Stage reading X or culvert invert ____ or sketch cross section, showing depth measurements & locations:

woody debris

2 samples 2"
8" → 3½" 3½"
2, 3½, 3½, 3 3½"
3"

roadside H2O is not flowing into culvert. -375 NTU
also H2O flowing off of north side more water - 91.1 NTU
from north than road side.
2nd sample DC 1 9.80cm 2/8/99

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 8" Low-velocity strand width ____
Distance 1 3' Time #1 4sec Distance 1 ____ Time #1 ____
Distance 2 3' Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 3' Time #3 ____ Distance 3 ____ Time #3 ____
Notes:

WO26 Rehab S.it

CCC orange RN55

Road stream

Location 18 stream ____ Sampled By SN Date 11-16
culvert X bridge ___ other ___ Rain started when? ____ Time 14:30
Rising ___ or Falling ___ or Peak ___ Stage Current weather ____ Turbidity 189 NTU
Stream Width 3'
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

50' up stream

54" culvert 46" invert rocks at bottom
top crushed

slow 4" 8" 11" 10" 9" fast 8" 6" 5" slow 3"

Eelk 1 10.45cm 2-25-99

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 2' Low-velocity strand width backwater
Distance 1 10' Time #1 9.17sec Distance 1 ____ Time #1 ____
Distance 2 10' Time #2 7.83sec Distance 2 ____ Time #2 ____
Distance 3 10' Time #3 8.72sec Distance 3 ____ Time #3 ____
Notes:

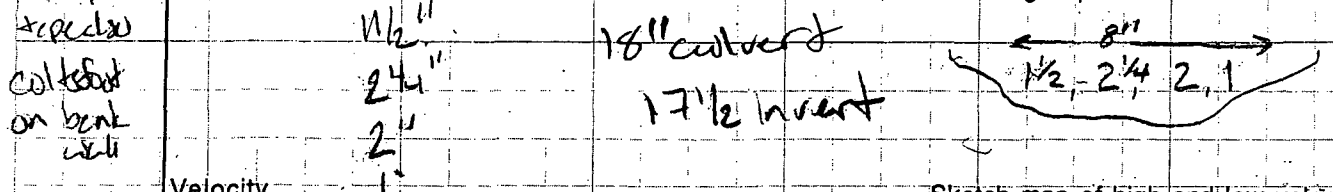
Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page 5 of 10

white reflectors across from site

blue/white tree by culvert on bank wall

Location 13 stream _____ Sampled By Bruce Date 11-16
culvert X bridge ___ other ___ Rain started when? _____ Time 13:40
Rising ___ or Falling X or Peak ___ Stage Current weather clearing Turbidity 268 NTU
Stream Width 16"
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

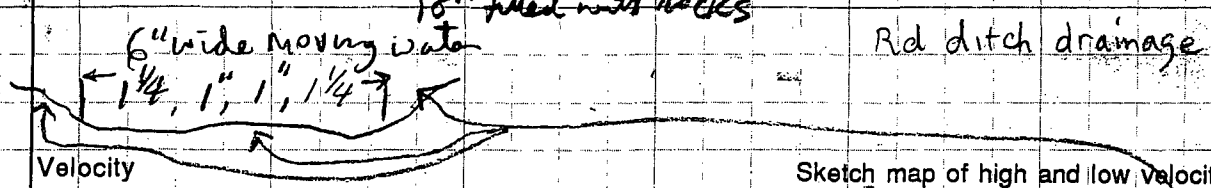


Velocity
High-velocity strand width 8" Low-velocity strand width ____ Sketch map of high and low velocity strands:

Distance 1 ____	Time #1 9.73	Distance 1 ____	Time #1 ____
Distance 2 ____	Time #2 9.41	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 10.43	Distance 3 ____	Time #3 ____

Notes:

Location 14 stream SF Elk Sampled By Stacy/Kelly Date 11-16-99
culvert X bridge ___ other ___ Rain started when? Last night Time 13:55
Rising ___ or Falling X or Peak ___ Stage Current weather Rain over Turbidity 201 NTU
Stream Width ____
Stage reading ___ or culvert invert 14.25" or sketch cross section, showing depth measurements & locations:



Velocity
High-velocity strand width ____ Low-velocity strand width ____ Sketch map of high and low velocity strands:

Distance 1 ____	Time #1 ____	Distance 1 ____	Time #1 ____
Distance 2 ____	Time #2 ____	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 ____	Distance 3 ____	Time #3 ____

Lots of vegetation slow water

Notes:

Just 60' past previous

Location 15 stream ____ Sampled By SW Date 11-16-99
culvert X bridge ___ other ___ Rain started when? _____ Time 1400
Rising ___ or Falling X or Peak ___ Stage Current weather _____ Turbidity 37.5 NTU
Stream Width ____
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

leaning 2 trees

18' culvert
17½" invert

DC 1 loam 2 1899

1 quart / minute

Velocity
High-velocity strand width ____ Low-velocity strand width ____ Sketch map of high and low velocity strands:

Distance 1 ____	Time #1 ____	Distance 1 ____	Time #1 ____
Distance 2 ____	Time #2 ____	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 ____	Distance 3 ____	Time #3 ____

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page 4 of 10

with red/yellow dot for white flagging

Location #10 stream _____ Sampled By _____ Date 11-14
culvert X bridge ___ other ___ Rain started when? _____ Time _____
Rising ___ or Falling ___ or Peak ___ Stage Current weather clearing Turbidity _____
Stream Width _____
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

Only no sample

Velocity — Sketch map of high and low velocity strands:

High-velocity strand width _____		Low-velocity strand width _____	
Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

---

lots of horse tail

Location 11 stream _____ Sampled By JSN Date 11-16
culvert X bridge ___ other ___ Rain started when? _____ Time 13:25
Rising ___ or Falling ___ or Peak ___ Stage Current weather clearing/sty Turbidity 73.5 NTU
Stream Width _____
Stage reading ____ or culvert invert X or sketch cross section, showing depth measurements & locations:

18" culvert 16" invert Ecoli 1430pm 2-20-00

40' long

Velocity — Sketch map of high and low velocity strands:

High-velocity strand width _____		Low-velocity strand width _____	
Distance 1 _____	Time #1 18sec THRU CULVERT	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 19.41	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

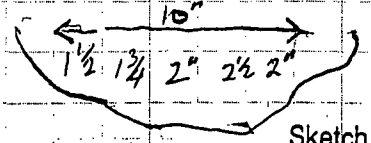
---

waterfall coming w/ stands

Location 12 stream _____ Sampled By Bayce Date _____
culvert ___ bridge ___ other X in stream Rain started when? _____ Time 13:34
Rising ___ or Falling ___ or Peak ___ Stage Current weather too cold Turbidity 61.3 NTU
Stream Width 16'
Stage reading X or culvert invert ____ or sketch cross section, showing depth measurements & locations:

1½" 2½"
1¾" 2"
2"

22 invert 24" culvert



Velocity — Sketch map of high and low velocity strands:

High-velocity strand width 10"		Low-velocity strand width _____	
Distance 1 3'	Time #1 1.12	Distance 1 _____	Time #1 1.17
Distance 2 3'	Time #2 1.15	Distance 2 _____	Time #2 _____
Distance 3 3'	Time #3 1.54 hung up	Distance 3 _____	Time #3 _____

Notes: (HUNG UP)

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By SK, SW, Page 3 of 10

100ft past

Location W003 stream Red Creek Sampled By SW Date 11-16
culvert X bridge ___ other ___ Rain started when? ___ Time 12:55
Rising ___ or Falling ___ or Peak ___ Stage Current weather No rain Turbidity 805 NTU
Stream Width ___
Stage reading ___ or culvert invert 14" or sketch cross section, showing depth measurements & locations:

18' wide culvert
road side stream
12"
4, 5, 4, 5"
(stages 4" 5" 5" 4")

Red Cr 2 2:30pm 2-18-99
upstream depth 4" 4" 5" 4"
12"
4" 5" 4" 4"

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 12" Low-velocity strand width ___

Distance 1	38t	Time #1	3.60sec	Distance 1 ___	Time #1 ___
Distance 2	38t	Time #2	3.71sec	Distance 2 ___	Time #2 ___
Distance 3	38t	Time #3	3.72sec	Distance 3 ___	Time #3 ___

Notes:

Location red shale stream big maple on rt Sampled By Sayce Date 11
culvert X bridge ___ other ___ Rain started when? ___ Time 13:07
Rising ___ or Falling ___ or Peak ___ Stage Current weather ___ Turbidity 904 NTU
Stream Width 18"
Stage reading ___ or culvert invert ___ or sketch cross section, showing depth measurements & locations:

culvert size = 24"
Invert 2 1/2" ↓
4" 4 1/4" 3" 2"
3" 4" 4 1/4

OC2 2pm 2-18-99
18"
4", 4 1/4, 3, 3, 4", 4"

Velocity 2 1/2" ↑ Sketch map of high and low velocity strands:
High-velocity strand width 10" Low-velocity strand width ___

Distance 1	3'	Time #1	3.40	Distance 1 ___	Time #1 ___
Distance 2	3'	Time #2	2.82	Distance 2 ___	Time #2 ___
Distance 3 ___		Time #3	2.80	Distance 3 ___	Time #3 ___

Notes:

---

on left just past 2 big maples on just before Faulk 1.0 mile

Location #9 W003 stream ___ Sampled By Sayce Date 11-16
culvert X bridge ___ other ___ Rain started when? ___ Time 13:10
Rising ___ or Falling ___ or Peak ___ Stage Current weather ___ Turbidity 415 NTU
Stream Width ___
Stage reading ___ or culvert invert 2" or sketch cross section, showing depth measurements & locations:

2" deep at culvert no ton rib
1 1/2" on rib

CEER 5 20pm 2-2-99

Velocity Sketch map of high and low velocity strands:
High-velocity strand width ___ Low-velocity strand width ___

Distance 1	3'	Time #1	2.08	Distance 1	3' Time #1 2.07
Distance 2	3'	Time #2	2.11	Distance 2 ___	Time #2 ___
Distance 3	3'	Time #3	1.79	Distance 3 ___	Time #3 ___

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page 2 of 10

Location 1001 stream _____ Sampled By _____ Date 11-16
culvert X bridge ___ other ___ Rain started when? _____ Time 12:30
Rising ___ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity ~~47.6 NTU~~
Stream Width _____
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

4 trail rehab site about 100 ft down previous
Dry. no sample

Velocity — Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____

Distance 1 ____	Time #1 ____	Distance 1 ____	Time #1 ____
Distance 2 ____	Time #2 ____	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 ____	Distance 3 ____	Time #3 ____

Notes:

Location _____ stream _____ Sampled By SW Date 11-16
culvert X bridge ___ other ___ Rain started when? _____ Time 12:40
Rising ___ or Falling ___ or Peak ___ Stage Current weather no rain Turbidity 47.6 NTU
Stream Width _____
Stage reading X or culvert invert ___ or sketch cross section, showing depth measurements & locations:

5 culvert 18" crushed
next to open area (pond) H2O sample #
road runoff well vegetated DC1 10:00 2/28/99
w/ edges

Velocity — Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____

Distance 1 ____	Time #1 ____	Distance 1 ____	Time #1 ____
Distance 2 ____	Time #2 ____	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 ____	Distance 3 ____	Time #3 ____

Notes:

Location 35ft past 4 stream or Right Sampled By SW Date 11-16
culvert ___ bridge ___ other X main stem SF Rain started when? 12am 11-16 Time 12:45
Rising ___ or Falling ___ or Peak X Stage Current weather no rain Turbidity noticeably more turbid than down stream
Stream Width 15'
Stage reading X or culvert invert ___ or sketch cross section, showing depth measurements & locations:

6 Blue tag on maple tree down steep Hillside

at 8' → 14" 3'-8"
7' → 16" 2'-6"
6' → 16"
4' → 11"

EEL R2 7.45cm 2-25-99

Velocity — Sketch map of high and low velocity strands:
High-velocity strand width 5'
Low-velocity strand width _____

Distance 1 20	Time #1 7.34sec	Distance 1 ____	Time #1 ____
Distance 2 20	Time #2 7.47	Distance 2 ____	Time #2 ____
Distance 3 20	Time #3 7.34sec	Distance 3 ____	Time #3 ____

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied 2-4-00 By SK, SN #304CP Page 1 of 10

1

Location SF Parking lot stream ____ Sampled By SN 11-16 Date 11-16
culvert ___ bridge ___ other X Rain started when? 12am Time 11:49
Rising ___ or Falling ___ or Peak ___ Stage Current weather raining Turbidity >1000
Stream Width 9"
Stage reading 1/2" or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Velocity
High-velocity strand width ____
Distance 1 9" Time #1 1sec
Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____

Sketch map of high and low velocity strands:
Low-velocity strand width ____
Distance 1 3ft Time #1 3sec
Distance 2 3ft Time #2 4sec
Distance 3 3ft Time #3 3.14sec

Notes:

2

Location 1st Iron stream SF Elk Sampled By SN Date 11-16-99
culvert ___ bridge X other Bridge Rain started when? 8am 11/16 Time 12:00
Rising ___ or Falling ___ or Peak ___ Stage Current weather raining Turbidity 14.2 NTU
Stream Width 27'
Stage reading X or culvert invert ___ or sketch cross section, showing depth measurements & locations:
taken at 26' mark middle of bridge
11'9" to top of rail

Velocity 1-9 really slow 9-18' slow 18-27' fast
High-velocity strand width 10'4"
Distance 1 RL Time #1 32
Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____

Sketch map of high and low velocity strands:
Low-velocity strand width ____
Distance 1 RR Time #1 42
Distance 2 ____ Time #2 39
Distance 3 ____ Time #3 ____

River ~~left~~ Right

Notes:

100' from Big Stump

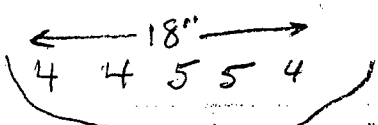
3

Location 1st Culvert past big stump on left Sampled By SN Date 11-16-99
culvert X bridge ___ other ___ Rain started when? ____ Time 12:29
Rising ___ or Falling ___ or Peak ___ Stage Current weather - norain Turbidity 430 NTU
Stream Width 18"
Stage reading X or culvert invert ___ or sketch cross section, showing depth measurements & locations:

3-4"
2-5"

sample # OC2 7cm 2/25/aa

24" culvert
invert Ht - 21"
3" H_2O



Velocity
High-velocity strand width ____
Distance 1 3ft Time #1 2.56
Distance 2 3ft Time #2 2.65
Distance 3 3ft Time #3 2.33

Sketch map of high and low velocity strands:
Low-velocity strand width ____
Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

9-4-00

Lab/ data base info: HydroYear 2000 Copied? ___ By ___ Page 2 of 2

Location BRICELAND stream [illegible] Sampled By [illegible] Date 11/15/99
culvert___bridge✓ other___ Rain started when? 11/14/99 Time 8:30 AM
Rising__ or Falling__ or Peak✓ Stage Current weather CLOUDS - CLEAR Turbidity 4.3
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location BRICELAND stream [illegible] Sampled By [illegible] Date 11/16/99
culvert___bridge✓ other___ Rain started when? EARLY 11/16/99 Time 8:30AM
Rising✓ or Falling__ or Peak___ Stage Current weather RAINING Turbidity 9.7
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location_____ stream_____ Sampled By_____ Date_____
culvert___bridge___other___ Rain started when? _____ Time_____
Rising__ or Falling__ or Peak___ Stage Current weather _____ Turbidity_____
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

No. 1104

3415

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location 1A stream S.C Sampled By Wendt Date 11/14/99
culvert ✓ bridge other ✓ Rain started when? 4:00 Time 4:23 PM
Rising ✓ or Falling or Peak Stage Current weather Rain Turbidity NA
Stream Width
Stage reading 0" or culvert invert or sketch cross section, showing depth measurements & locations:

In previous 2 light rain (10/29 11/7)
stream rose to 5" as measured 11/14

Velocity Sketch map of high and low velocity strands:
High-velocity strand width Low-velocity strand width

Distance 1 NA	Time #1 NA	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location 1A stream S.C Sampled By Wendt Date 11/14/99
culvert ✓ bridge other Rain started when? 4:00 Time 9:45 PM
Rising ✓ or Falling or Peak Stage Current weather Turbidity
Stream Width
Stage reading 3" or culvert invert or sketch cross section, showing depth measurements & locations:

not high enough to by pass DeBain (20 sec. dam) 10'

Velocity Sketch map of high and low velocity strands:
High-velocity strand width NA Low-velocity strand width

Distance 1 10'	Time #1 20 sec LOW STREAM	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location 1A stream S.C Sampled By Wendt Date 11/15
culvert ✓ bridge other Rain started when? Time 12:35 PM
Rising or Falling ✓ or Peak Stage Current weather Turbidity
Stream Width
Stage reading 1/2 or culvert invert or sketch cross section, showing depth measurements & locations:

Rain started early morning

Velocity Sketch map of high and low velocity strands:
High-velocity strand width Low-velocity strand width

Distance 1 20	Time #1 35 sec LOW STREAM	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location A stream SR 1 Sampled By MH Date 11/16
culvert bridge other Rain started when? 4:AM Time 2:00 PM
Rising ✓ or Falling or Peak Stage Current weather light rain Turbidity 204
Stream Width 21'
Stage reading 5 3/4 or culvert invert or sketch cross section, showing depth measurements & locations:

✓

Velocity Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1 20	Time #1 Blue	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location stream Sampled By Date
culvert bridge other Rain started when? Time
Rising or Falling or Peak Stage Current weather Turbidity
Stream Width
Stage reading or culvert invert or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location stream Sampled By Date
culvert bridge other Rain started when? Time
Rising or Falling or Peak Stage Current weather Turbidity
Stream Width
Stage reading or culvert invert or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

S/R... —

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location A stream S.C. Sampled By [illegible] Date 11/14/99
culvert___bridge___other ✓ Rain started when? 4:00 Time 4:23 PM
Rising ✓ or Falling__ or Peak___ Stage Current weather Lgt Rain Turbidity______
Stream Width______
Stage reading 0" or culvert invert____or sketch cross section, showing depth measurements & locations:

In previous ② lgt rain (10/29, 11/7) stream rose to 2" (noted on 11/14)

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location A stream S.C. Sampled By [illegible] Date 11/14/99
culvert___bridge___other ✓ Rain started when? 4:00 Time 9:45 PM
Rising ✓ or Falling__ or Peak___ Stage Current weather ____________ Turbidity 20.2 ✓
Stream Width______
Stage reading 3" or culvert invert____or sketch cross section, showing depth measurements & locations:

not high enough to pass debris in stream freely.. (20 sec over 10 ft)

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location A stream S.C. Sampled By [illegible] Date 11/15
culvert___bridge___other ✓ Rain started when? __________ Time 12:35 PM
Rising__ or Falling ✓ or Peak___ Stage Current weather ____________ Turbidity 9.49 ✓
Stream Width______
Stage reading 1/2" or culvert invert____or sketch cross section, showing depth measurements & locations:

rain stopped early noon

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1 20 Time #1 35 sec Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 1 of 2

ID REF. JCR

Location BRICELAND stream REDWOOD CREEK Sampled By [illegible] Date 11/10/99
culvert___ bridge ✓ other___ Rain started when? 11/9/99 Time 9:15 AM
Rising__ or Falling__ or Peak ✓ Stage Current weather RAINY Turbidity 52.9
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location_____ stream_____ Sampled By [illegible] Date 11/10/99
culvert___ bridge ✓ other___ Rain started when? 11/9/99 Time 11:15 PM
Rising ✓ or Falling__ or Peak___ Stage Current weather DRIZZELY Turbidity 17.5
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location_____ stream_____ Sampled By [illegible] Date 11/11/99
culvert___ bridge ✓ other___ Rain started when? 11/9/99 Time 9:30 AM
Rising__ or Falling__ or Peak___ Stage Current weather OVERCAST/CLOUDY Turbidity 10.3
Stream Width_____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 1 of 3

Location _____ stream _____ Sampled By _____ Date 11/16
culvert ___ bridge ___ other ___ Rain started when? _____ Time 0945
Rising ___ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity _____
Stream Width _____
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

D = 20.3'
.95" rain since last measure on 11/12

Velocity
High-velocity strand width _____ Low-velocity strand width _____
Sketch map of high and low velocity strands:

Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

Location _____ stream _____ Sampled By _____ Date 11/16
culvert ___ bridge ___ other ___ Rain started when? _____ Time 1240
Rising ✓ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity _____
Stream Width _____
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

D = 19.9'
.50" rain since last measure at 0945.

Velocity .534 ft/sec.
High-velocity strand width _____ Low-velocity strand width _____
Sketch map of high and low velocity strands:

Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

Location _____ stream _____ Sampled By _____ Date 11/16
culvert ___ bridge ___ other ___ Rain started when? _____ Time 1700
Rising ✓ or Falling ___ or Peak ___ Stage Current weather _____ Turbidity _____
Stream Width _____
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

D = 18.9'
0" rain since last measure at 1240.

Velocity .61 ft/sec
High-velocity strand width _____ Low-velocity strand width _____
Sketch map of high and low velocity strands:

Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

Ralph Straus
N.F. Elk River Bridge

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 1 of 3

Location _____ stream _____ Sampled By _____ Date 11/9/99
culvert ___ bridge ✓ other ___ Rain started when? No rain Time 0925
Rising ___ or Falling ___ or Peak ___ Stage Current weather P.C. Turbidity _____
Stream Width 134 ft.
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

D = 20.66 ft. Measurement is from center of bridge rail to water surface.

Wind blew chip downstream.

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location _____ stream _____ Sampled By _____ Date 11/10/99
culvert ___ bridge ✓ other ___ Rain started when? 11/9 P.M. Time 0850
Rising ___ or Falling ___ or Peak ✓ Stage Current weather Overcast Turbidity _____
Stream Width _____
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

D = 19.9'
1.8" rain since last measure on 11/9.

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 21.25' Time #1 39 sec. Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location _____ stream _____ Sampled By _____ Date 11/12/99
culvert ___ bridge ✓ other ___ Rain started when? _____ Time 0925
Rising ___ or Falling ___ or Peak ___ Stage Current weather P.C. Turbidity _____
Stream Width 16.25
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

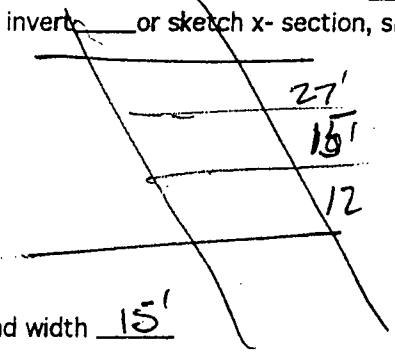
D = 20 ft.
.38" rain since last measure on 11/10.

Velocity .54 ft/sec Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1 21.25 Time #1 55 sec. Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By_____ Page 5 of 5

Location How. Hghts stream Freshwater Sampled By Bob Date 15JAN.
culvert___bridge X other___ Rain started when? 15JAN 0500 Time 0900
Rising 13'-2" or Falling_____ and/or Peak stage_____readings Turbidity 83.5 by JK.
Stream Width 54' Current weather RAINING @ date/time 2/8/00 14:37
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes: 81.0 by JN 2/18/00 @ 16:20

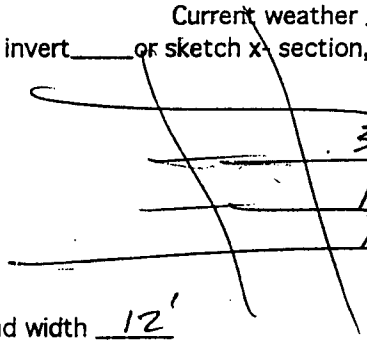


Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 15'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ > 5.0

Low-velocity strand width ~~12'~~ 27'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ > 8.5

Location How. Hgts stream Freshwater Sampled By Bob Date 16 JAN
culvert___bridge X other___ Rain started when? 15JAN 1900+ Time 0810
Rising_____ or Falling 11'-2" and/or Peak stage_____readings Turbidity 133 by JK
Stream Width 57' Current weather Mostly Cloudy @ date/time 2/8/00 14:37
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes: 134 NTU by JN 2/18/00 @ 16:30



Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 12'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ > 4.7

Low-velocity strand width 30'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ > 16.0

Location_____ stream_____ Sampled By_____ Date_____
culvert___bridge___other___ Rain started when? _____ Time_____
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by_____
Stream Width_____ Current weather _____ @ date/time_____
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

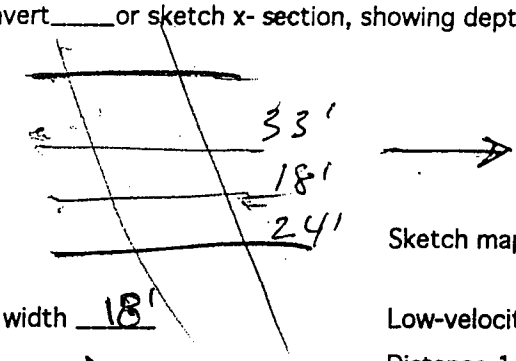
VELOCITY: High-velocity strand width _____
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____

Low-velocity strand width _____
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page 4 of 5

Location H Heights stream Freshwater Sampled By BOB Date 14 JAN.
culvert___bridge X other___ Rain started when? 1800 JAN 13 Time 0745
Rising 7'-7" or Falling_____ and/or Peak stage_____readings Turbidity 838 by J.K.
Stream Width 75' Current weather RAIN @ date/time 2/8/00 14:37
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 829, 838 NTU on 2/18/00 @ 16:00 by JN.

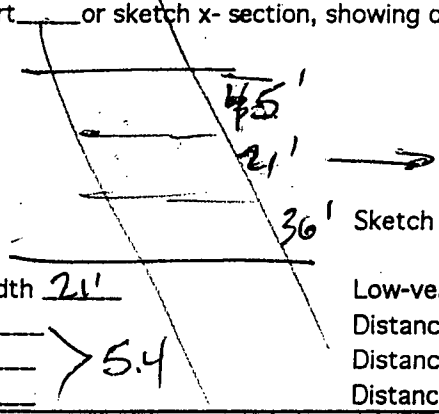


Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 18'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____
4.0

Low-velocity strand width (33')
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____
6.1

Location H.H. stream F.W Sampled By BOB Date 14JAN
culvert___bridge X other___ Rain started when? 1800 JAN 13 Time 1040
Rising_____ or Falling_____ and/or Peak stage 10'-0" readings Turbidity 7.36 by JK.
Stream Width 102' Current weather Drizzle @ date/time 2/8/00 14:34
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 753 NTU on 2/18/00 @ 16:00 by JN

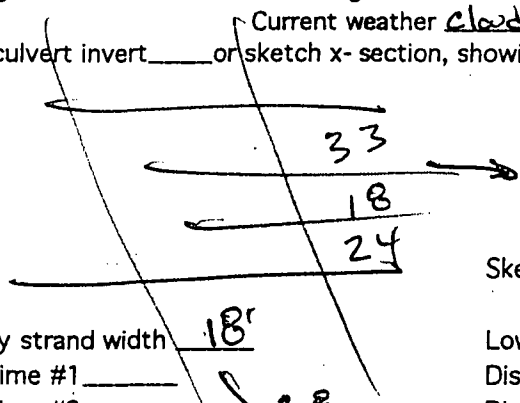


Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 21'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____
5.4

Low-velocity strand width 45'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____
22

Location Howe's Hgts stream Freshwater Sampled By Bob Date 14JAN.
culvert___bridge X other___ Rain started when? 1800 JAN 13 Time 1600
Rising 8'-5" or Falling_____ and/or Peak stage_____readings Turbidity 347 by JK
Stream Width_____ Current weather cloudy/no prec. @ date/time 2/8/00 14:36
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 327 NTU By JN on 2/18/00 @ 16:00



Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 18'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____
3.8

Low-velocity strand width 33'
Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____
13.2

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By _____ Page 3 of 5

Location ~~F.W.~~ H.H stream F.W. Sampled By BoB Date Dec 10
culvert ___ bridge X other ___ Rain started when? _____ Time 1710
~~Rising~~ _____ or ~~Falling~~ 14'-4" and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width _____ stage Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 26' Time #1 _____ } 7.1 Distance 1 _____ Time #1 _____
Distance 2 " Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 " Time #3 _____ Distance 3 _____ Time #3 _____

Location H.H. stream F.W. Sampled By Bob Date 11 JAN
culvert ___ bridge X other ___ Rain started when? _____ Time 0800
~~Rising~~ _____ or ~~Falling~~ 7'-11" and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width _____ ~~stage~~ stage Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: Note: 1.65" RAINFALL 1-10 (1700) to 1-11 0700

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 26' Time #1 _____ } 4.9 Distance 1 _____ Time #1 _____
Distance 2 " Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 " Time #3 _____ Distance 3 _____ Time #3 _____

Location H.H stream F.W Sampled By BoB Date 11 JAN
culvert ___ bridge X other ___ Rain started when? _____ Time 1200
Rising _____ or Falling 10'-6" and/or Peak stage _____ readings Turbidity 297 by J.K.
Stream Width _____ Current weather _____ @ date/time 2/8/00 14:31
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: 291 by JN 2/18/00 @ 18:00

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 26' Time #1 _____ } 4.7 Distance 1 26' Time #1 _____ } 9.2
Distance 2 " Time #2 _____ Distance 2 " Time #2 _____
Distance 3 " Time #3 _____ Distance 3 " Time #3 _____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page 2 of 5

Location H.H. stream F.W Sampled By BoB Date Dec 2
culvert___bridge X other___ Rain started when? _____ Time 0755
~~Rising~~ _____ or ~~Falling~~ 14'-10" and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ stage Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 26'	Time #1_____	8.7	Distance 1_____ Time #1_____
Distance 2 4"	Time #2 _____		Distance 2 _____ Time #2 _____
Distance 3 4"	Time #3 _____		Distance 3 _____ Time #3 _____

Location H.H. stream F.W Sampled By BoB Date Dec 9
culvert___bridge X other___ Rain started when? _____ Time 0830
~~Rising~~ _____ or ~~Falling~~ 13'-6" and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ stage Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 26'	Time #1_____	6.6	Distance 1_____ Time #1_____
Distance 2 4"	Time #2 _____		Distance 2 _____ Time #2 _____
Distance 3 4"	Time #3 _____		Distance 3 _____ Time #3 _____

Location H.H stream F.W. Sampled By BoB Date Dec 9
culvert___bridge X other___ Rain started when? _____ Time 1755
~~Rising~~ _____ or ~~Falling~~ 12'-4" and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ stage Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 26'	Time #1_____	4.5	Distance 1_____ Time #1_____
Distance 2 4"	Time #2 _____		Distance 2 _____ Time #2 _____
Distance 3 4"	Time #3 _____		Distance 3 _____ Time #3 _____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By _____ Page 1 of 5

Location Howard Heights Stream Freshwater Sampled By Bob Date Nov 29, 1999 11/29
culvert ___ bridge X other ___ Rain started when? _____ Time 0900 1700
~~Rising~~ ___ or ~~Falling~~ 15'-4" and/or Peak stage _____ readings Turbidity _____ by ___
Stream Width _____ stage Current weather _____ @ date/time _____
Depth reading ___ or culvert invert ___ or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 26' Time #1 _____ } 11.8 Distance 1 _____ Time #1 _____
Distance 2 " Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 " Time #3 _____ Distance 3 _____ Time #3 _____

Location H.H. stream F.W. Sampled By BOB Date Nov 30
culvert ___ bridge X other ___ Rain started when? _____ Time 0725
~~Rising~~ ___ or ~~Falling~~ 13'-6" and/or Peak stage _____ readings Turbidity _____ by ___
Stream Width _____ stage Current weather _____ @ date/time _____
Depth reading ___ or culvert invert ___ or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 26' Time #1 _____ } 6.0 Distance 1 _____ Time #1 _____
Distance 2 " Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 " Time #3 _____ Distance 3 _____ Time #3 _____

Location H.H. stream F.W. Sampled By BOB Date Dec 1
culvert ___ bridge X other ___ Rain started when? _____ Time 0805
~~Rising~~ ___ or ~~Falling~~ 13'-11" and/or Peak stage _____ readings Turbidity _____ by ___
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ___ or culvert invert ___ or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 26' Time #1 _____ } 5.8 Distance 1 _____ Time #1 _____
Distance 2 " Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 " Time #3 _____ Distance 3 _____ Time #3 _____

Location Bills Hill Seely | Sampled by George | Date 1/10/2000
Rain start time 1/9/2000 | Current weather LIGHT RAIN | Time 11:16
Peak stage _____ | Current stage 6"
Culvert size 6' | Culvert flow depth _____ | Culvert invert _____
High-velocity width To low for vel. | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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 33.1 NTU's
Measured by George
Date/time 1/10/2000 12:17 AM

Location Bill Skyline Seeley | Sampled by George | Date 1/11/2000
Rain start time 1/9/2000 | Current weather Light Rain | Time 11:35 AM
Peak stage NA | Current stage 12"
Culvert size 6 | Culvert flow depth NA | Culvert invert _____
High-velocity width 48" | Low-velocity width _____
Dist.#1 [redacted] Time #1 7.31 | Dist.#1 _____ Time #1 _____
Dist.#2 40' Time #2 8.75 | Dist.#2 _____ Time #2 _____
Dist.#3 40 Time #3 9.25 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 64.2 NTU's
Measured by George
Date/time 1/11/00 12:45 PM

Location 54 Seeley | Sampled by George | Date 1/11/2000
Rain start time 1/9/2000 | Current weather Break in Rain | Time 12:15 PM
Peak stage NA | Current stage 15 2"
Culvert size Bridge | Culvert flow depth _____ | Culvert invert _____
High-velocity width 15' Est. | Low-velocity width 18" 16" NA
Dist.#1 18' Time #1 1.97 | Dist.#1 _____ Time #1 _____
Dist.#2 18' Time #2 2.00 | Dist.#2 _____ Time #2 _____
Dist.#3 18' Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

1-11-00 12:45
~~12:23 PM 1-10-00~~

Comments: Low vel NA
To much Vegetation & Rocks

Turbidity 95.2 NTU's
Measured by George
Date/time 1-11-00 12:45 PM

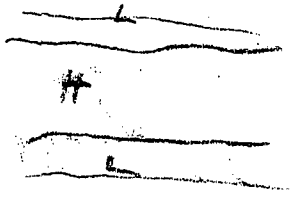
copied 2-4-00

Location Seeley B.I.S. Hill | Sampled by Georje | Date 12/9/99
Rain start time 10PM 12/8/99 | Current weather Showers | Time
Peak stage | Current stage 10 =
Culvert size 6' | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 40 | Time #1 10.49 | Dist.#1 | Time #1
Dist.#2 | Time #2 9.78 | Dist.#2 | Time #2
Dist.#3 | Time #3 10.13 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 29.6 NTU's
Measured by Georje
Date/time 12/9/99 2:52 PM

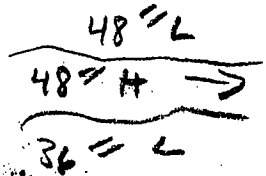
Location Junk Yd Seeley | Sampled by Georje | Date 12/9/99
Rain start time 10PM 12/8/99 | Current weather Showers | Time 2:10 PM
Peak stage | Current stage 156 =
~~Culvert~~ size Bridge | Culvert flow depth | Culvert invert
High-velocity width 12' | Low-velocity width 2.5' on each side of creek
Dist.#1 18' | Time #1 2.81 | Dist.#1 | Time #1
Dist.#2 18' | Time #2 2.56 | Dist.#2 | Time #2
Dist.#3 18' | Time #3 3.19 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Comments: To much veg. in low Vel

Turbidity 33.2 NTU's
Measured by Georje
Date/time 12/9/99 2:54 PM

Location Seely JY | Sampled by Georje | Date 1/10/2000
Rain start time 1/9/2000 | Current weather Rain | Time 11:44 AM
Peak stage | Current stage 165 =
~~Culvert~~ size | Culvert flow depth | Culvert invert
High-velocity width 48" | Low-velocity width 36" – 48"
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#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:

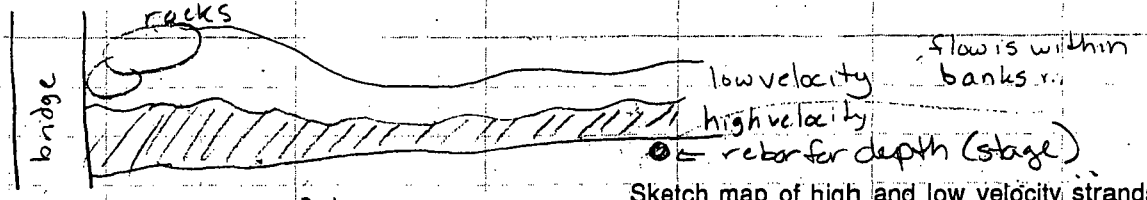
Turbidity 85.2 NTU's
Measured by Georje

Watershed Watch
Grab Sampling Field Data Sheet

copied 2-4-00

Lab/ data base info: HydroYear 2000 Copied? No By Page 1 of 1

Location HSU Campus stream Jolly Giant Sampled By MLA Date 10/27/99
culvert ___ bridge ✓ other ___ Rain started when? early Thursday morn Time 16:00
Rising ___ or Falling ___ or Peak ___ Stage Current weather raining Turbidity ___
Stream Width 6.9 ft (at stage marker)
Stage reading 7" or culvert invert ___ or sketch cross section, showing depth measurements & locations:



Velocity Sketch map of high and low velocity strands:
High-velocity strand width 3.5 ft Low-velocity strand width 3.4 ft at rebar

1.17 ft/sec =	Distance 1 20 ft	Time #1 17 sec	Distance 1 16 ft	Time #1 21 sec	= 0.76 ft/sec
1.25 ft/sec =	Distance 2 20 ft	Time #2 16	Distance 2 17	Time #2 33	= 0.62 ft/sec
1.25 ft/sec =	Distance 3 20 ft	Time #3 16	Distance 3 17	Time #3 21 sec	= 0.81 ft/sec
1.22 ft/sec	Notes: Times were taken without a watch by self counting				= 0.70 ft/sec

Location Campus stream JCJ Sampled By MLA Date 11/10/99
culvert ___ bridge ✓ other ___ Rain started when? 3:00pm 11/9 Time 12:22am
Rising ___ or Falling ___ or Peak 6" Stage Current weather rain-heavy Turbidity ___
Stream Width 6.9 ft (at stage m., dec)
Stage reading 6" or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 3.6' (10 in) Low-velocity strand width 3.3' (10 in)

Distance 1	20'	Time #1 17 sec	Distance 1	6'	Time #1 17
Distance 2	20'	Time #2 20	Distance 2	6'	Time #2 17
Distance 3	20'	Time #3 17	Distance 3	6'	Time #3 25

Notes: storm peak?

Location Campus stream JollyGiant Sampled By MLA Date 11/19/99
culvert ___ bridge ✓ other ___ Rain started when? 2:00am, 11/19 Time 07:45
Rising ___ or Falling ___ or Peak ___ Stage Current weather rain Turbidity ___
Stream Width 6.9'
Stage reading 8 in or culvert invert ___ or sketch cross section, showing depth measurements & locations:

(see above)
10/27

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 3.5' Low-velocity strand width 3.4

Distance 1	20ft	Time #1 33	Distance 1	20ft	Time #1 52
Distance 2	___	Time #2 ___	Distance 2	___	Time #2 ___
Distance 3	___	Time #3 ___	Distance 3	___	Time #3 ___

Notes: Falling? water moving slower than usual in storm event

10:00 am 12/5/99 rain started 23:30 on 12/4/99 sample MLA

culvert___ bridge X other___ Rain started ...
Rising___ or Falling X or Peak___ Stage Current weather drizzle Turbidity ~~11.8~~ 11.8 NTU
Stream Width 5.5'
Stage reading 3" or culvert invert___ or sketch cross section, showing depth measurements & locations:

see others original like this

Velocity Sketch map of high and low velocity strands:

High-velocity strand width 3'		Low-velocity strand width ___	
Distance 1 20	Time #1 40 = .5	Distance 1 ___	Time #1 ___
Distance 2 20	Time #2 36 = .56	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes: Peak from earlier in week at 10"

Location ___ stream JGC Sampled By MLA Date 12/7/99
culvert___ bridge X other___ Rain started when? 72:00 Time 16:45
Rising___ or Falling X or Peak ← Stage 8" Current weather clear Turbidity 25.1 NTU
Stream Width 5.5
Stage reading 5" or culvert invert___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 20'	Time #1 17	Distance 1 20	Time #1 26 = .77
Distance 2 20'	Time #2 20	Distance 2 18	Time #2 23 = .78
Distance 3 20'	Time #3 19	Distance 3 20	Time #3 24 = .83

Notes:

Location ___ stream JGC Sampled By MLA Date 12/8
culvert___ bridge X other___ Rain started when? 21:30 Time 23:40
Rising___ or Falling X or Peak ← Stage 6" Current weather rain Turbidity 29.2 NTU
Stream Width 5.5'-6'
Stage reading 3.5" or culvert invert___ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 20	Time #1 20	Distance 1 ___	Time #1 ___
Distance 2 20	Time #2 20	Distance 2 ___	Time #2 ___
Distance 3 20	Time #3 28	Distance 3 ___	Time #3 ___

Notes:

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 _____

Location REDWOOD CREEK - COURTOIS BRIDGE Sampled by GC Date 12/9/99
Rain start time 12/8 - 11:30 PM Current weather RAINING Time 9:30 AM
Peak stage _____ Current stage 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:

Comments:

Turbidity 21.8 NTU's
Measured by GEOEJE
Date/time 9:15 PM 12/15/99

Location REDWOOD CREEK - COURTOIS BRIDGE Sampled by GC Date 12/12/99
Rain start time 3:30 PM Current weather DRIZZLING Time 4:45
Peak stage _____ Current stage 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:

Comments:

Turbidity 3.25 NTU's
Measured by GEORGE
Date/time 9:15 PM 12/15

Location REDWOOD CREEK - COURTOIS BRIDGE Sampled by GC Date 12/13/99
Rain start time 3:30 PM 12/12 Current weather CLEAR - NOT RAINING Time 1:00 AM
Peak stage _____ Current stage 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:

Comments:

Turbidity 23.6 NTU's
Measured by GEORGE
Date/time 9:15 PM 12/15

Name: H:\user folders\maha\3295 motion\3295 law for legal part of brief..doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\3295 memo.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\3295 stuff.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\Below is an outline of the 3295 Motion.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\CofA's to 4 theories1.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\DRAFT MPA 3295.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\law re punitive damages.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\Memo - regarding financial discovery for liability.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\motion practice nuts and bolts.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\NOTES FOR 3295\NURSING HOME NEG PUN CASE

Copied 90-4-06

Location Amos Seeley | Sampled by Geogie | Date 12/9/99

Rain start time 10:PM 12/8/99 | Current weather Showers | Time 1:30 PM

Peak stage _____ | Current stage 1'

Culvert size 48" | Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

Dist.#1 _____	Time #1 _____	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#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: Slow to low flow velocity

Turbidity 8.30 NTU's

Measured by Georgie

Date/time 12/9/99 @ 12:58PM

Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\NOTES FOR 3295\RECKLESS MISCONDUCT.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\NOTES FOR 3295\res 1.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\notice 3295-draft maggi.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\nuisance and 3295.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\redo outline.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 motion\theory chart.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 opp\law on improper discovery.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\3295 opp\notes on motion for po..doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\maha\alter ego\Notes on altego for opp to quash.doc
Virus name: W97M.Class
Status: Repaired

copied 2-4-00

Location REDWOOD CREEK [illegible] BRIDGE
Rain start time 12/5 [illegible]
Peak stage _____
Culvert size _____ Culvert flow depth _____
High-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands:

Sampled by [illegible] Date 12/12/99
Current weather RAINING Time 9:30 AM
Current stage [illegible]
Culvert invert _____
Low-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____
Sketch cross-section of channel:

Comments:

Turbidity 21.8 NTU's
Measured by George
Date/time 9:15 PM 12/15/4

Location REDWOOD CREEK - COURTOIS BRIDGE
Rain start time 3:30 PM
Peak stage _____
Culvert size _____ Culvert flow depth _____
High-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands:

Sampled by [illegible] Date 12/12/99
Current weather DRIZZLING Time 4:45
Current stage RISING
Culvert invert _____
Low-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____
Sketch cross-section of channel:

Comments:

Turbidity 3.25 NTU's
Measured by George
Date/time 9:15PM 12/15/

Location REDWOOD CREEK - COURTOIS BRIDGE
Rain start time 3:30 PM 12/12
Peak stage _____
Culvert size _____ Culvert flow depth _____
High-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands:

Sampled by [illegible] Date 12/13/99
Current weather CLEAR - NOT RAINING Time 1:00 AM
Current stage RISING
Culvert invert _____
Low-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____
Sketch cross-section of channel:

Turbidity [illegible] NTU's

Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\aho\StaffordElk\Vogel Quick sum.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\aho\StaffordElk\Vogel Quick summary.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\elf\ScholarshipCode.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\elf\scholarshipK.wpd
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\jkaufman\Kaiser Quash.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\jkaufman\Letter to Social Serv.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\jkaufman\Maxxam Financials\MGHI Sucks.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\jkaufman\Maxxam Financials\PL debt to '98.doc
Virus name: W97M.Class
Status: Repaired

Name: H:\user folders\jkaufman\Maxxam Financials\PL Upstream.doc
Virus name: W97M.Class
Status: Repaired

Location Seeley B/K Hill | Sampled by George | Date 12/9/99
Rain start time 10AM 12/8/99 | Current weather Showers | Time
Peak stage | Current stage 10 =
Culvert size 6' | Culvert flow depth | Culvert invert

High-velocity width		Low-velocity width	
Dist.#1 40'	Time #1 10.49	Dist.#1	Time #1
Dist.#2	Time #2 9.78	Dist.#2	Time #2
Dist.#3	Time #3 10.13	Dist.#3	Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

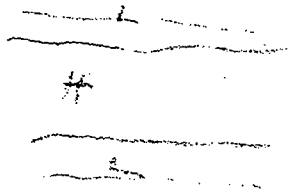
Comments:

Turbidity 29.6 NTUs
Measured by George
Date/time 12/9/99 2:52 PM

Location Junk Yd Seeley | Sampled by George | Date 12/9/99
Rain start time 10PM 12/8/99 | Current weather Showers | Time 2:15 PM
Peak stage | Current stage 1.56 =
~~Culvert~~ size Bridge | Culvert flow depth | Culvert invert

High-velocity width 12'		Low-velocity width 2.5' on each side of creek	
Dist.#1 18'	Time #1 2.81	Dist.#1	Time #1
Dist.#2 18'	Time #2 2.56	Dist.#2	Time #2
Dist.#3 18'	Time #3 3.19	Dist.#3	Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments: To much veg. in low Vel.

Turbidity 33.2 NTU's
Measured by George
Date/time 12/9/99 2:54.1

Copied 8-4-00

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page____ of____

Location HH stream_____ Sampled By TISA Last night Date 1/11/00
culvert___bridge__(other) flood edge Rain started when? yesterday AM Time 9:00AM
Rising_____ or (Falling)_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather showers @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: unable to get to bridge, sample taken at edge of flooded creek
flood peaked between 3 – 5 AM
(* People were able to drive out through < 1 ft. water by 10:00 AM)

→ Stake placed at high water mark + labeled

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream_____ Sampled By TISA Date 1/11/00
culvert__(bridge)__other___ Rain started when? see above Time 1:30 PM
Rising_____ or (Falling)_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather clearing-clouds @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 11' 2½" from bridge rail
road no longer flooded
lots of swirling eddies downstream of bridge

Sketch map of high and low velocity strands:
markers disappeared when I tried to get low velocity strand reading

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1 4.5 sec. Distance 1_____ Time #1_____
Distance 2 _____ Time #2 4.25 " Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 4.3 " Distance 3 _____ Time #3 _____

Location HH stream_____ Sampled By TISA Date 1/11/00
culvert__(bridge)__other___ Rain started when? see above Time 3:00 PM
Rising_____ or (Falling)_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather cloudy @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 11' 8" from bridge rail

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1 4.3 Distance 1_____ Time #1_____
Distance 2 _____ Time #2 4.3 Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By_____ Page____ of____

Location HH stream Entr. Sampled By TISA Date 12-10-99
culvert__(bridge)__other___ Rain started when? _____ Time 5:10 PM
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather _____ @ date/time_____
Depth reading 1 or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 14'5" from rail (Sample Submitted 12-10-99)

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 26' Time #1 7.0 Distance 1_____ Time #1_____
Distance 2 " Time #2 7.5 Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream Entr. Sampled By TISA Date 12-13-99
culvert__(bridge)__other___ Rain started when? abt. 12-12 Time 10:35 AM
Rising_____ or Falling ?_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather clear - rain last night @ date/time_____
Depth reading 1 or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 13'11" from rail

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 20' Time #1 4.8 Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream Entr. Sampled By TISA Date 12-13-99
culvert__(bridge)__other___ Rain started when? _____ Time 3:15 PM
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather clear @ date/time_____
Depth reading 1 or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 14'2" from bridge rail

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 26' Time #1 6.2 Distance 1_____ Time #1_____
Distance 2 _____ Time #2 5.9 Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

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 _____

Location Howard Hts. Sampled by Tisa L. Cook Date 12/2/99
Rain start time rained night+AM Current weather pt. cloudy · rain off & on Time 11:15
Peak stage _____ Current stage 14'2"
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 7.7 sec.
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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_____ 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

Location Howard Hts | Sampled by TISA COOK | Date 12-7-99
Rain start time _____ | Current weather _____ | Time 2:00PM
Peak stage _____ | Current stage 14'3"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	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:

Comments:

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

Location HH | Sampled by TISA | Date 12-8-99
Rain start time _____ | Current weather _____ | Time 2:00 PM
Peak stage _____ | Current stage 14'6"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	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:

Comments:

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

Location HH | Sampled by TISA | Date 12-9-99
Rain start time _____ | Current weather runoff run - cold | Time 3:15 PM
Peak stage _____ | Current stage 12'6"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	Time #1 4.5 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:

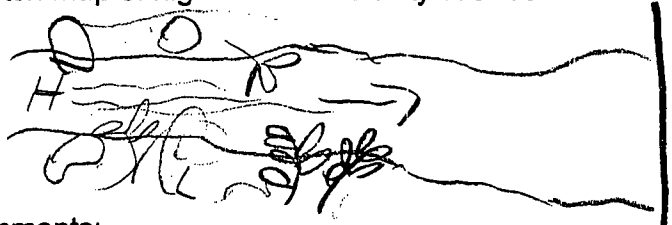
Sketch cross-section of channel:

Comments:

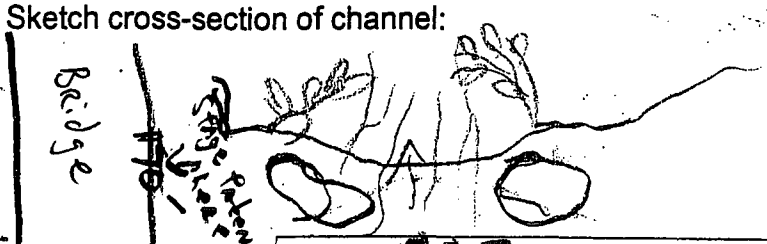
Turbidity _____ NTU's
Measured by _____
Date/time

Location Seeley Junk Yard | Sampled by George | Date 12/6/99
Rain start time 12/6 3:AM | Current weather Light Rain | Time 4:05 PM
Peak stage _____ | Current stage 1.6 =
~~Culvert~~ size Bridge Culvert flow depth _____ | Culvert invert _____
High-velocity width 55 = | Low-velocity width 86 = Too much veg. for low vel
Dist.#1 18 = Time #1 05.47 | Dist.#1 _____ Time #1 _____
Dist.#2 18 = Time #2 05.57 | Dist.#2 _____ Time #2 _____
Dist.#3 18 = Time #3 04.57 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:
Stream width 144 =

Turbidity 28.7 NTU's
Measured by George
Date/time 12/6/99 9 PM

Location Amos Seeley | Sampled by George | Date 12/6/99
Rain start time 12/6 3:AM | Current weather Light Rain | Time 3:20 PM
Peak stage Rising | Current stage 3 =
Culvert size 48 = | Culvert flow depth _____ | Culvert invert _____
High-velocity width flow to low | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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:
Depth Take mid point at Culv. inflow

Turbidity 29.4 NTU's
Measured by George
Date/time 12/6/99 9. PM

Location Silk Hill Seeley | Sampled by George | Date 12/6/99
Rain start time 12/6 3 PM | Current weather Light Rain | Time 3:26 PM
Peak stage Rising | Current stage 6 =
Culvert size 6 = | Culvert flow depth _____ | Culvert invert _____
High-velocity width flow to low | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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:
Culvert Badly Mishapen at in flow & out flow

Turbidity 11.4 NTU's
Measured by George
Date/time 12/6/99 9: PM

Travelodge®

Stay Satisfied

NF Elk 12-2-99

Two bottles labeled "K" and "PL" taken on 12/2.
"K" comes from downstream side of culvert on class III draining 50yr old second growth hillside.
"PL" comes from downstream side of culvert (3rd culvert) on Archery Range Road. This class III drains land logged about 5 years ago on Archery Camp THP.

900 Vandiver Dr.
I-70 Exit 127 4.63
Columbia, MO 65202
Resv. 1-800-456-1065
(573) 449-1065
Fax (573) 442-6266

2-4-00

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By__________ Page____ of______

Location__________ stream_____ Sampled By_______ Date___________
culvert___bridge___other___ Rain started when? ___________ Time___________
Rising_______ or Falling_________ and/or Peak stage___________readings Turbidity________by_____
Stream Width_______ Current weather ______________ @ date/time__________
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ______ Low-velocity strand width ______
Distance 1______ Time #1_______ Distance 1______ Time #1_______
Distance 2 ______ Time #2 ______ Distance 2 ______ Time #2 ______
Distance 3 ______ Time #3 ______ Distance 3 ______ Time #3 ______

Location__________ stream_____ Sampled By_______ Date___________
culvert___bridge___other___ Rain started when? ___________ Time___________
Rising_______ or Falling_________ and/or Peak stage___________readings Turbidity________by_____
Stream Width_______ Current weather ______________ @ date/time__________
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ______ Low-velocity strand width ______
Distance 1______ Time #1_______ Distance 1______ Time #1_______
Distance 2 ______ Time #2 ______ Distance 2 ______ Time #2 ______
Distance 3 ______ Time #3 ______ Distance 3 ______ Time #3 ______

Location__________ stream_____ Sampled By_______ Date___________
culvert___bridge___other___ Rain started when? ___________ Time___________
Rising_______ or Falling_________ and/or Peak stage___________readings Turbidity________by_____
Stream Width_______ Current weather ______________ @ date/time__________
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ______ Low-velocity strand width ______
Distance 1______ Time #1_______ Distance 1______ Time #1_______
Distance 2 ______ Time #2 ______ Distance 2 ______ Time #2 ______
Distance 3 ______ Time #3 ______ Distance 3 ______ Time #3 ______

copied 2-4-00

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page____ of____

Location McCready stream Freshwater Sampled By BB Date 12-1-99
culvert___bridge___other___ Rain started when? _____ Time 1 PM
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

7"

McCready has continuous stage recording/discharge by Margaret Long HSU

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location Mc stream FRESH Sampled By BrBr Date 11-30-99
culvert___bridge___other___ Rain started when? _____ Time_____
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

5 FT

Watch? This one?

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location_____ stream_____ Sampled By_____ Date_____
culvert___bridge___other___ Rain started when? _____ Time_____
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

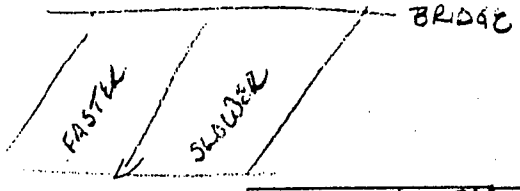
VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 1/29/2000
Rain start time — Current weather CLEAR-COLD Time 8:00 PM
Peak stage _____ Current stage 1'5"
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:



Comments: TP1 40

Turbidity 4.04 NTU's
Measured by GH
Date/time 2/7/00 3 PM

Location _____ Sampled by [illegible] Date 1/30
Rain start time 2:00 AM Current weather RAINING Time 8:30 AM
Peak stage _____ Current stage 1'9"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#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 101 NTU's
Measured by GH
Date/time 2/7/00 3PM

Location _____ Sampled by [illegible] Date 1/31
Rain start time _____ Current weather LIGHT RAIN Time 8:30 AM
Peak stage _____ Current stage 2'5"
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:

Turbidity 17.7 NTU's

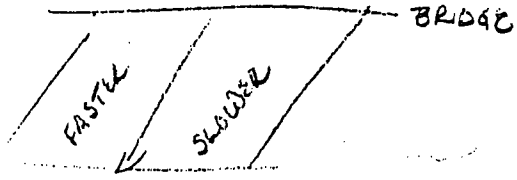
Copied 3-8-00

Location BRICELAND/REDWOOD CREEK Sampled by GP Date 1/31/00
Rain start time _____ Current weather LIGHT RAIN Time 8:30 PM
Peak stage _____ Current stage 2' 1 1/2"
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 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

Turbidity 19.7 NTU's
Measured by GP
Date/time 2/7/00 2PM

Location _____ Sampled by GP Date 2/1/00
Rain start time _____ Current weather CLEAR Time 19:15
Peak stage _____ Current stage 2' 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:

Comments:

Turbidity 6.35 NTU's
Measured by GP
Date/time 2/7/00 3PM

Location _____ Sampled by GP Date 2/3/00
Rain start time _____ Current weather CLEAR Time 10:00 AM
Peak stage _____ Current stage 1' 7"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

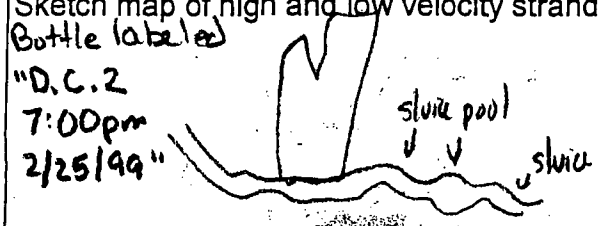
Turbidity 23.3 NTU's
Measured by 2/7/00 3PM

↙ Δ - labeled #30 on bottle : 1 4-1 ~ cap, ed 2-4-00.

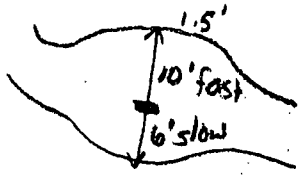
Location #30.5-SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time ~4:00am | Current weather showers, overcast | Time 10:32
Peak stage _____ | Current stage 6 5/8" mid pool
Culvert size _____ Culvert flow depth _____ Culvert invert _____

	High-velocity width 10'		Low-velocity width 6"
Dist.#1	1'	Time #1 0.8	1'	Time #1 2.8
Dist.#2	1'	Time #2 1.5	1'	Time #2 3.2
Dist.#3	1'	Time #3 1.6	1'	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



creek, about 1/10 mile on trail, Sample is from fast moving pool below. 2 sluices, snag + pool are few hundred' downstream of where water goes subsurface

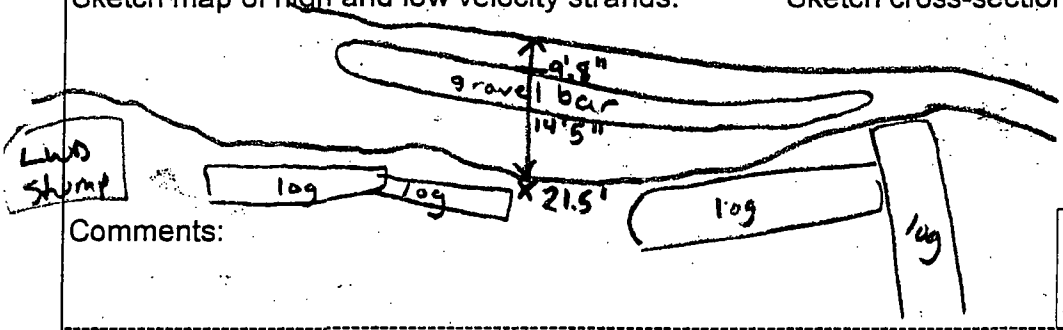
Comments: Head waters down to Head H_2O / following [illegible] of SFE. [illegible] at first huge snag right on

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

Location 28.5-SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time ~4:00 am | Current weather cloudy, no rain | Time 11:50
Peak stage _____ | Current stage 3 1/4"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

	High-velocity width 7'		Low-velocity width _____
Dist.#1	6'	Time #1 2.6	_____	Time #1 _____
Dist.#2	6'	Time #2 2.5	_____	Time #2 _____
Dist.#3	6'	Time #3 2.5	_____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

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

Location SFE 28 | Sampled by MLA, PR | Date 1-30-00
Rain start time ~ 4:00am | Current weather rain | Time 12:[illegible]
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 1 1/2" Culvert invert _____

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

Sketch map of high and low velocity strands:

Discharge = 1.53 sec / 3 1/2" = 8.5 cm

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____

copied 2-2-00

Location 27.5 SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time ~4:00 am | Current weather light rain | Time 12:25
Peak stage _____ | Current stage 1½"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | ~~Low~~-velocity width 1'3"
Dist.#1 _____ Time #1 _____ | Dist.#1 2' Time #1 1.7
Dist.#2 _____ Time #2 _____ | Dist.#2 2' Time #2 2.0
Dist.#3 _____ Time #3 _____ | Dist.#3 2' Time #3 2.5

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

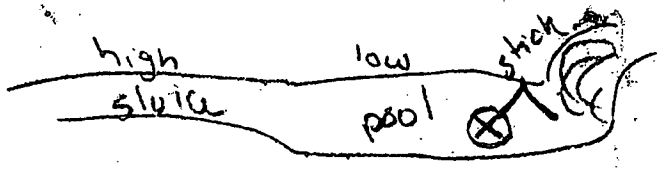
Comments:

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

Location 27-SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time ~4:00 am | Current weather intermittent showers | Time 12:50
Peak stage _____ | Current stage 7"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width 1'7" | Low-velocity width 1'10"
Dist.#1 3' Time #1 .9 | Dist.#1 3' Time #1 3.35 sec
Dist.#2 3' Time #2 .9 | Dist.#2 3' Time #2 3.2
Dist.#3 3' Time #3 1.0 | Dist.#3 3' Time #3 3.7

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

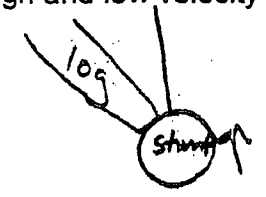


Comments:

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

Location 26.5-SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time ~4:00 am | Current weather showers | Time 13:10
Peak stage _____ | Current stage 6½
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width 2'8" | Low-velocity width 1'
Dist.#1 _____ Time #1 1.6 | Dist.#1 _____ Time #1 2.8
Dist.#2 _____ Time #2 1.7 | Dist.#2 _____ Time #2 2.3
Dist.#3 _____ Time #3 2.0 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



* stage (flagged)

Stage reading is from base of stump farthest downstream - across from stump on RB

Sketch cross-section of channel:

NFLFSCE

Comments: meet, trail down to a round stump just above where 2 forks

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

copied 2-4-00

Location 25-SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time 4:00 am | Current weather showers | Time 13:30
Peak stage _____ | Current stage 6" - bottom of culvet - right
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | ~~Low~~-velocity width 2'3"
Dist.#1 _____ | Time #1 _____ | Dist.#1 4' | Time #1 3.2
Dist.#2 _____ | Time #2 _____ | Dist.#2 4' | Time #2 3.2
Dist.#3 _____ | Time #3 _____ | Dist.#3 4' | Time #3 3.6
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

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

Location 24-SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time _____ | Current weather showers | Time 13:40
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth 1 1/4" | Culvert invert _____
High-velocity width _____ | ~~Low~~-velocity width 2'3"
Dist.#1 _____ | Time #1 _____ | Dist.#1 4' | Time #1 3.2
Dist.#2 _____ | Time #2 _____ | Dist.#2 4' | Time #2 3.2
Dist.#3 _____ | Time #3 _____ | Dist.#3 4' | Time #3 3.6
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Discharge = 3.13 sec / 5 3/8 = 13.2 cm

Comments:

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

Location 23-SFE | Sampled by MLA, PR | Date 1-30-00
Rain start time 4:00 am | Current weather rain | Time 14:00
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth 2" | Culvert invert _____
High-velocity width _____ | ~~Low-velocity~~ width 1'3"
Dist.#1 _____ | Time #1 _____ | Dist.#1 3' | Time #1 4.2
Dist.#2 _____ | Time #2 _____ | Dist.#2 3' | Time #2 3.7
Dist.#3 _____ | Time #3 _____ | Dist.#3 3' | Time #3 3.9
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Velocity taken in straight reach 45' above culvert inlet

Comments:

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

copied 8-4-00

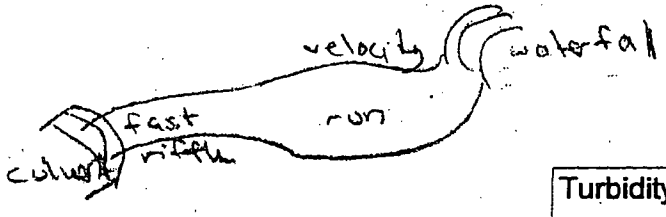
Location SFE 22 | Sampled by MLA, PR | Date 1-30-00
Rain start time 4:00 am | Current weather shower/rain | Time 14:12
Peak stage _____ | Current stage 7 1/4"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 30-35" | Low-velocity width _____
Dist.#1 6' Time #1 1.4 | Dist.#1 _____ Time #1 _____
Dist.#2 6' Time #2 1.2 | Dist.#2 _____ Time #2 _____
Dist.#3 6' Time #3 1.3 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

sample taken from same spot as stage 22A

Comments: #22B 2nd bottle taken from mid bridge labed as: OC 4:30pm 2/24/99

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

Location SFE 21 | Sampled by MLA, PR | Date 1-30-00
Rain start time _____ | Current weather showers clearing | Time 14:30
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 2" | Culvert invert _____
High-velocity width _____ | Low-velocity width 3'6"
Dist.#1 _____ Time #1 _____ | Dist.#1 3' Time #1 3.4
Dist.#2 _____ Time #2 _____ | Dist.#2 3' Time #2 4.4
Dist.#3 _____ Time #3 _____ | Dist.#3 3' Time #3 4.2
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Comments:

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

Location SFE 20 A,B,C | Sampled by MLA, PR | Date 1-30-00
Rain start time _____ | Current weather clearing | Time 14:45
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 2" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Discharge = 1.06 sec / 4 1/4" = 10.5 cm

Comments: A - upslope
B - ditch below A
C - ditch below A & inlet

Turbidity _____ NTU's
Measured by _____

Location SFE 1B | Sampled by MLA, PR | Date 1
Rain start time 4:00 am | Current weather rain | Time 15:10
Peak stage | Current stage
Culvert size | Culvert flow depth 7" | Culvert invert 4'5"

High-velocity width 2'5"		Low-velocity width 2'0	
Dist.#1	Time #1 2.5	Dist.#1 8'	Time #1 5.5
Dist.#2	Time #2 2.8	Dist.#2	Time #2 3.5
Dist.#3	Time #3 2.5	Dist.#3	Time #3 3.8

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

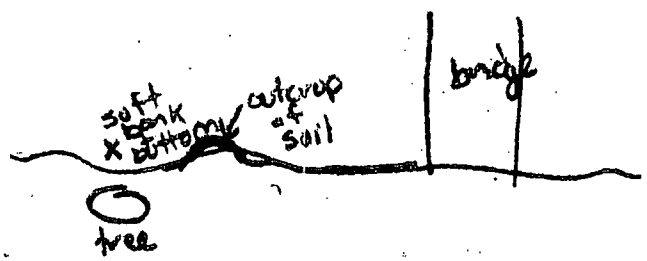
Comments: 5' 5" total width

Turbidity NTU's
Measured by
Date/time

Location SFE 2 | Sampled by MLA PR | Date 1-30-00
Rain start time 4:00 am | Current weather clearing | Time 16:00
Peak stage | Current stage 22" - tree base
Culvert size | Culvert flow depth | Culvert invert

High-velocity width see bridge length		4.5 5.2	Low-velocity width	
Dist.#1	Time #1 4.5		Dist.#1	Time #1
Dist.#2	Time #2 5.5		Dist.#2	Time #2
Dist.#3	Time #3 6.5		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 Junk Yd Seeley | Sampled by Geoeje | Date 1130/00
Rain start time 2AM 1/30 | Current weather Break in Clouds | Time 16:14
Peak stage _____ | Current stage 15 1/2 =
~~Culvert~~ size Bridge | Culvert flow depth _____ | Culvert invert 15 1/2
High-velocity width 12 | Low-velocity width 24 = Appr.
Dist.#1 18 | Time #1 1.84 | Dist.#1 _____ | Time #1 _____
Dist.#2 18 | Time #2 2.05 | Dist.#2 _____ | Time #2 _____
Dist.#3 18 | Time #3 2.44 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: Too many eddies in the low flow, sticks spin in place or get sucked under

Turbidity 51.6 NTU's
Measured by G
Date/time 1/31/00 14:12

Location R.15 #1 Seeley | Sampled by Geoeje | Date 1/30/00
Rain start time 2AM 1/30 | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size 6 | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ | Time #1 _____ | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Lost Bottle in creek

Comments:

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

Location AMOS | Sampled by Geoeje | Date 1/30/00
Rain start time 2AM 1/30 | Current weather _____ | Time 15:40
Peak stage _____ | Current stage _____
Culvert size 48 = | Culvert flow depth _____ | Culvert invert 46 1/2
High-velocity width 14 = | Low-velocity width _____
Dist.#1 _____ | Time #1 _____ | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Too Low for Vel. Reading

Comments:

Turbidity 9.30 NTU's
Measured by GH
Date/time 1/31/00 14:13

Location AMOS / Seeley | Sampled by George | Date 11/30/00
Rain start time 2AM 11/30 | Current weather sprinkling | Time 10:20
Peak stage _____ | Current stage _____
Culvert size 48 | Culvert flow depth _____ | Culvert invert 47=
High-velocity width 12= | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: To Low for Vel.

Turbidity 8.99 NTU's
Measured by George
Date/time 11/30/00 2pm

Location Bill Hill Seeley | Sampled by George | Date 11/30/00
Rain start time 2am 11/30/00 | Current weather Rain | Time 10:30
Peak stage _____ | Current stage _____
Culvert size 6' | Culvert flow depth _____ | Culvert invert 50=
High-velocity width _____ | Low-velocity width _____
Dist.#1 40' Time #1 11.32 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 10.25 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 10.82 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: Stage Gauge Not Working

Turbidity 43.7 NTU's
Measured by George
Date/time 11/30/00 2 PM

Location South Seeley | Sampled by George | Date 11/30/00
Rain start time 2:am 11/30 | Current weather Heavy Rain | Time 10:50
Peak stage _____ | Current stage 153 | Time on bottle reads 10:51 AM
Culvert size _____ | Culvert flow depth _____ | Culvert invert 153=
High-velocity width _____ | Low-velocity width _____
Dist.#1 16" Time #1 2.96 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 2.28 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 3.06 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

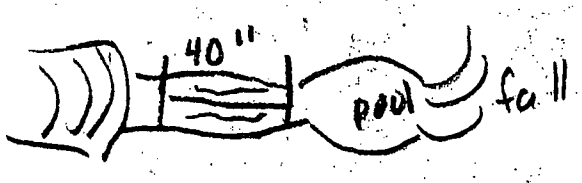
Comments:

Turbidity 76.8 NTU's
Measured by George
Date/time 11/30/00 2PM

Location SFE 21 | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5 am | Current weather showers | Time 14:58
Peak stage ____ | Current stage ____
Culvert size ____ | Culvert flow depth 1" | Culvert invert ____
High-velocity width 12"
Dist.#1 40" Time #1 1.9 sec
Dist.#2 40' Time #2 1.9
Dist.#3 40' Time #3 1.4
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:



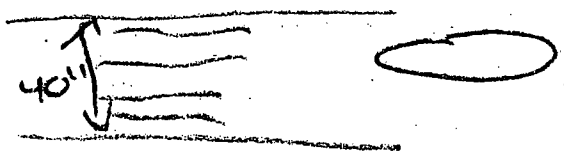
Comments: Bottle ~~labeled~~ labeled as "Red Cr 2 2:30 pm 2-18-99

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

Location SFE 22 | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5 am | Current weather showers | Time 15:15
Peak stage ____ | Current stage 8" - at metal pipe
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
High-velocity width 39-40' across
Dist.#1 75" Time #1 1.5
Dist.#2 75" Time #2 1.15
Dist.#3 75" Time #3 1.4
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: Bottle labeled "Eel R 10:45 am" 2/28/99

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

Location FSR A1 | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5 am | Current weather showers | Time 18:28
Peak stage ____ | Current stage ____
Culvert size ____ | Culvert flow depth 1" | 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:

DISCHARGE ≈ 6.39 s / 4 15/16" = 12 cm ≈ 0.225 cf

Comments: Bottle labeled Eel R 2 7:45 am 2/25/99

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

corced 2-4-00 -

Location ESR #4 | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5 am | Current weather showers | Time 15:45
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 12½" Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

DISCHARGE (taken twice) 1.87sec / 10¼" = 25.5cm² to .5cf
1.46sec / 8⅛" = 20.4cm² 0.4cf

Comments: 4A taken up watercourse
4B taken @ culvert ~ blocked culvert labeled "Red Cr 1 - 5:00pm 2/24/99
unblocked before we took discharge

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

Location SFE # 2 | Sampled by MLA, CMS | Date 1-25-00
Rain start time _____ | Current weather mist | Time 17:45
Peak stage _____ | Current stage 18"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width length of bridge | Low-velocity width _____
Dist.#1 width of bridge Time #1 6.49sec | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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:

LABELED: D.C. 1 10:30 AM 2/18/99

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:

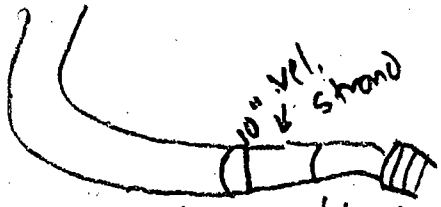
Turbidity _____ NTU's
Measured by _____

copied 2-4-00

Location #14 - SFE | Sampled by MLA CMS | Date 1-25-00
Rain start time 3-5AM | Current weather mist | Time 1302
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth ~~2 5/16~~ 2 3/16" | Culvert invert _____
High-velocity width 10" | Low-velocity width _____

Dist.#1 45"	Time #1 2.59 2C	Dist.#1 _____	Time #1 _____
Dist.#2 45"	Time #2 2.26	Dist.#2 _____	Time #2 _____
Dist.#3 45"	Time #3 2.36	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

- labeled as 14 okay

Comments: Discharge not possible here, flow is under culvert outlet

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

Location ~~SFE~~ 15 | Sampled by MLA CMS | Date 1-25-00
Rain start time 3-5am | Current weather mist | Time 1307
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth ~~1/2~~ 1/2" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____

Dist.#1 _____	Time #1 _____	Dist.#1 _____	Time #1 _____
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 = 4 3/8" = 10.5 cm / 15.32 sec
~.2 cf

Sketch cross-section of channel:

- label now

Comments: 15-20' above 14 on road, outlet is accessible - flow primarily ditch above + below inlet mouth along road

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

Location #16 - SFE | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5am | Current weather mist | Time 13:17
Peak stage 18"? | Current stage _____
Culvert size _____ | Culvert flow depth 5/8" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____

Dist.#1 _____	Time #1 ~~1.22~~	Dist.#1 _____	Time #1 _____
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 = 11.22 sec / 5 5/8" = 16.2 cm ~ 0.3 cf

Sketch cross-section of channel:

previously #16 - rename & label & last # in last survey

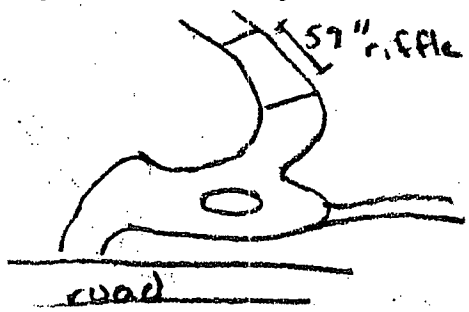
Comments: clearly marked - 2 downstr.? ~~SFE~~ ?

Turbidity _____ NTU's
Measured by _____

Location #17-SFE | Sampled by MLA, Corrie | Date 1-25-00
Rain start time 3-5am | Current weather mist | Time 13:35
Peak stage _____ 5½" | Current stage _____
Culvert size _____ | Culvert flow depth 4½", 4¼" | Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 59"	Time #1 3.44	Dist.#1 _____	Time #1 _____
Dist.#2 59"	Time #2 4.0	Dist.#2 _____	Time #2 _____
Dist.#3 59"	Time #3 3.88	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

17B - culvert ? → 2 3/8"
17A - upstream - 4 5/8"

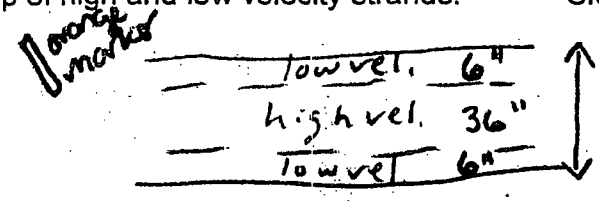
Comments:

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

Location SFE #18 | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5Am | Current weather mcst | Time 1353
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth 5½" 5" | Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 75"	Time #1 3.09	Dist.#1 75"	Time #1 3.74
Dist.#2 75"	Time #2 2.87	Dist.#2 75"	Time #2 3.71
Dist.#3 75"	Time #3 2.70	Dist.#3 75"	Time #3 3.17

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments: upslope left side logging road betw Sites #17 and 18

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

Location #19 #20-SFE | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5am | Current weather showers | Time 14:34
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth 7½" | Culvert invert _____

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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

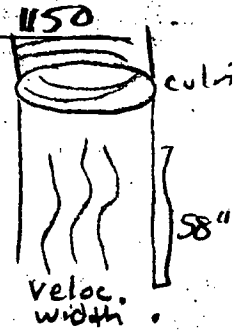
Discharge = 4.0 l/sec / 7½" = 18.5 cm ≈ 0.375 cf

20A is taken from upslope flow into ditch
20B is taken @ culvert

Comments: skip #19 - no flow

Turbidity _____ NTU's
Measured by _____
Date/time

Location #12 -SFE | Sampled by MLA, Carrie. | Date 1-25-00
Rain start time 3-5am | Current weather light mist | Time 1150
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth 2 3/8" | Culvert invert _____
High-velocity width 27½" | Low-velocity width _____
Dist.#1 58" | Time #1 3.09 | Dist.#1 _____ | Time #1 _____
Dist.#2 58" | Time #2 3.23 | Dist.#2 _____ | Time #2 _____
Dist.#3 58" | Time #3 2.82 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Upslope has some big 2nd growth trees, but there may be a road above the site. Discharge: 9.07 sec ~ 0.3 cf = 15 cm
0.94 sec ~ 0.25 cf = 13.1 cm
- May not have gotten 100% of discharge

Comments: culvert slightly precarious to get at, be careful in high flow and high flow

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

Location 13 -SFE | Sampled by MLA, Carrie | Date 1-25-00
Rain start time 3-5 am | Current weather mist | Time 1232
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth 3/4" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ | Time #1 _____ | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Discharge ≈ 7.13 sec / 14.5" = 11 cm ~ 0.20 cf
- at outlet of culvert there is sliding and earthflow which appears to be adding even more turbidity → take another sample

Comments: Culvert is okay to get to, but be cautious esp. in high flow / at night ~ do only if have time

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

Location 13.5 -SFE | Sampled by Carrie, MLA | Date 1-25-00
Rain start time 3-5am | Current weather showers | Time 12:45
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth 1 1/8" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ | Time #1 _____ | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Upslope - old landslide now reveging - evidence is bare soil, tilted trees and toes below slide areas

Discharge = 5.67 sec / 4 7/8" = 18 cm ~ 0.20 cf

Comments: Cattails here in abundance

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

Copied 2-4-00

Location 9A, 9B - SFE | Sampled by MLA, Carrie | Date 1-25-00
Rain start time 3:00am - 5:00am | Current weather showers, light | Time 11:10
Peak stage _____ | Current stage 4" - 9A upslope depth
Culvert size _____ | Culvert flow depth 3" - B | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Discharge = 1.60 sec/~0.25 cf = 5 5/16" = 14cm

Comments: culvert has easy access

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

Location #10 - SFE | Sampled by MLA, Carrie | Date 1-25-00
Rain start time 3-5am | Current weather _____ | Time 11:30
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:

No Sample - water is coming out of outlet, but is diffuse upon reaching the ground - flow does not appear to reach the river @ this flow.

Flow was low into inlet of culvert, so sample was collected at the outlet

Comments: This site is primarily ditch flow, so we are not ignoring upland flow by taking

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

Location #11 - SFE | Sampled by MLA comie | Date 1-25-00
Rain start time 3-5am | Current weather light mist | Time 11:45
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth 1 3/4" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

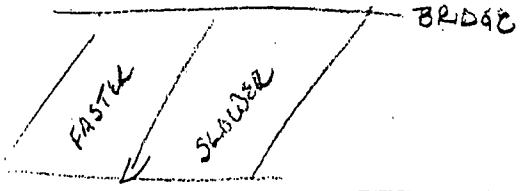
Discharge = 4.93 sec = less than 0.2 cf = 3 3/4" = 9cm

Culvert easy to get at

Comments: ~~Flow into culvert was low, so sample was collected at outlet. Site is primarily ditch flow, so we are not ignoring upland flow~~

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

Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 1/23/00
Rain start time 1/23 EARLY AM Current weather LIGHT RAIN Time 11:30 AM
Peak stage _____ Current stage 1' 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_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

Turbidity 8.06 NTU's
Measured by GEOEJE
Date/time 1/30/00

Location_____ Sampled by [illegible] Date 1/23/00
Rain start time 1/23 Current weather RAINING Time 6:00 PM
Peak stage _____ Current stage 1' 10 1/2"
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_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity 24.4 NTU's
Measured by GEOEJE
Date/time 1/30/00

Location_____ Sampled by [illegible] Date 1/24/00
Rain start time ——— OFF & ON Current weather NOT RAINING Time 8:30 AM
Peak stage _____ Current stage 2.2"
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_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

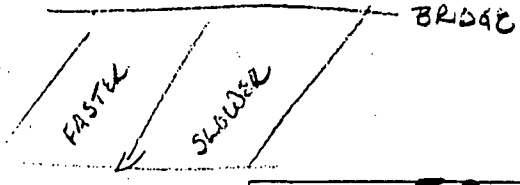
Comments:

Turbidity 13.0 NTU's 1/30/00
Measured by GEOEJE

copied 3-8-00

Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 1/25/00
Rain start time — OFF & ON Current weather SOME RAIN Time 10:00 AM
Peak stage _____ Current stage 2:2"
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 _____
ID JAF
Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments: [illegible]

Turbidity 15.0 NTU's
Measured by George
Date/time 1/30/00

Location _____ Sampled by [illegible] Date 1/26/00
Rain start time _____ Current weather CLEAR Time 8:00 AM
Peak stage _____ Current stage 2:2"
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 _____
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Comments: [illegible]

Turbidity 6.17 NTU's
Measured by George
Date/time 1/30/00

Location _____ Sampled by [illegible] Date 1/27/00
Rain start time _____ Current weather CLEAR - COLD Time 8:00 PM
Peak stage _____ Current stage 1' 10"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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: [illegible]

Turbidity 6.61 NTU's 1/30/00
Measured by George

Location [illegible] Sampled by Georje Date 1/20/00
Rain start time 1/20/00 AM Current weather Rain Time 18:06
Peak stage _____ Current stage _____
Culvert size 48" Culvert flow depth _____ Culvert invert 47"
High-velocity width 16 Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

To Dark for Vel

copied 2-9-00

Comments:

Turbidity 8.46 NTU's
Measured by Georje
Date/time 1/21/00 12:57

Location R. Ils Hills Seeley Sampled by Georje Date 1/20/00
Rain start time 1/20/00 am Current weather Rain Time 18:20
Peak stage _____ Current stage _____
Culvert size 6" Culvert flow depth _____ Culvert invert 68"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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: Stage Guage not working well. Core is Disappearing

Turbidity 19.4 NTU's
Measured by Georje
Date/time 1/20/00 12:57

Location Junkyd. Seeley Sampled by Georje Date 1/20/00
Rain start time 1/20/00 am Current weather Rain Time 18:39
Peak stage _____ Current stage _____
Culvert size Bridge Culvert flow depth _____ ~~Culvert~~ Bridge invert 156"
High-velocity width To Dark Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 22.9 NTU's
Measured by Georje
Date/time 1/21/00 12:51

Location N/Ts Seeley | Sampled by Geoeje | Date 1/24/00
Rain start time NOON 1/23/00 | Current weather Sprinkle | Time 11:00 AM
Peak stage _____ | Current stage 1"
Culvert size 48" | Culvert flow depth _____ | Culvert invert 47"
High-velocity width 20"
Dist.#1 30' | Time #1 7.13
Dist.#2 30 | Time #2 6.38
Dist.#3 30' | Time #3 7.37
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:

copied 2-4-00

Comments:

Turbidity 8.62 NTU's
Measured by Geoeje
Date/time 1/24/00 12:Noon

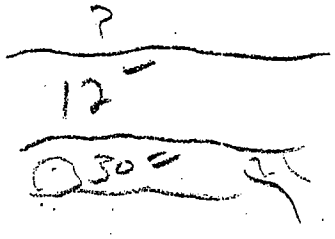
Location R 1/s Hill Seeley | Sampled by Geoeje | Date 1/24/00
Rain start time NOON 1/23 | Current weather spitting | Time 11:26 AM
Peak stage NA | Current stage _____
Culvert size 6" | Culvert flow depth NA | Culvert invert 56 5/8
High-velocity width _____
Dist.#1 40' | Time #1 10.25
Dist.#2 40' | Time #2 8.31
Dist.#3 40' | Time #3 9.67
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:

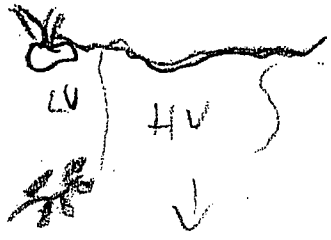
Stage Guage not working

Comments:

Turbidity 24.0 NTU's
Measured by Geoeje
Date/time 1/24/00 NOON

Location Junkyd Seeley | Sampled by Geoeje | Date 1/24/00
Rain start time 12 NOON 1/23 | Current weather Threatening | Time 11:45
Peak stage _____ | Current stage 151 5/8
Culvert size Deidge | Culvert flow depth _____ | Culvert invert 151 5/8 Bridge
High-velocity width _____
Dist.#1 18" | Time #1 3.09
Dist.#2 _____ | Time #2 2.13
Dist.#3 _____ | Time #3 2.47
Low-velocity width 30"
Dist.#1 8' | Time #1 14.63
Dist.#2 8' | Time #2 5.44
Dist.#3 8' | Time #3 6.03
Sketch map of high and low velocity strands:
Sketch cross-section of channel:





Comments:

Turbidity 33.3 NTU's
Measured by Geoeje
Date/time 1/24/00 NOON

Location: Little Dutch Charlie | Sampled by: JN | Date: 1-22-00
Rain start time: _____ | Current weather: Clouds | Time: 14:30
Peak stage: _____ | Current stage: 9" on Sty gauge or 122.2 gauge rail
Culvert size: _____ Culvert flow depth: _____ Culvert invert: _____

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

Sketch map of high and low velocity strands: See Discharge sheet
Sample is pint bottle

Sketch cross-section of channel:

Comments:

Turbidity: 2 NTU's
Measured by: JN
Date/time: 1-23-00 @ 15:24

Location: Redwood Creek Bruceland | Sampled by: JN | Date: 1-22-00
Rain start time: SF EEL | Current weather: _____ | Time: 17:38
Peak stage: _____ | Current stage: FALLING See Discharge form
Culvert size: _____ Culvert flow depth: _____ Culvert invert: _____

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

Sketch map of high and low velocity strands: Pint & DIS taken

Sketch cross-section of channel: @ 18:37 DIS Bottle reads 7 NTU also

Comments:

Turbidity: 7 NTU's
Measured by: JN
Date/time: 1-23-00 @ 15:28

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: _____

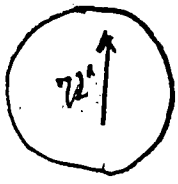
Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

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

Rain start time _____ Current weather cold, not raining Time 17:30
Peak stage _____ Current stage _____
Culvert size 60" Culvert flow depth 6" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 20' Time #1 2.01 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:

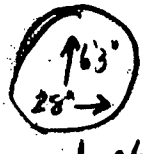


6" x 28" w.

Comments: Rocky steep and stepped, pools full of sediment, fast flowing not much activity in transport - definitely logged above forested

Turbidity 1 NTU's
Measured by JN
Date/time 1-23-00 @ 14:54

Location Hwy 3 Tri 1450 #2 Sampled by JN, EB Date 1/21
Rain start time _____ Current weather drizzle Time 17:36
Peak stage _____ Current stage _____
Culvert size 6' Culvert flow depth 5" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 20 Time #1 2.5 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:



5" x 28" w
Plugged w/rock just east of stream above

Mileage 1450

Comments: Wide, rocky, steep, fast, cascades - logged above

Turbidity 1 NTU's
Measured by JN
Date/time 1-23-00 @ 14:59

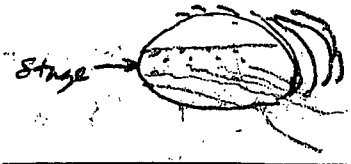
Location 1501 Dead End, Hwy 3 Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ 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 2-4-00

Location TWIN ROCKS CR SF EEL | Sampled by JN | Date 1-22-00
Rain start time Scattered showers last nite | Current weather Clear | Time 10:21
Peak stage _____ | Current stage falling; ↓6" from previous discharge ↓6" from point tape on overflow culvert
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: SAMPLE, NO DISCHARGE (PINT)

Turbidity 10 NTU's
Measured by JN
Date/time 1-23-00 @ 15:01

Location SF EEL Tbr Bridge MI12 @ R | Sampled by JN | Date 1-22-00
Rain start time ended last nite (Showers) | Current weather clear | Time 11:38
Peak stage _____ | Current stage base flow
Culvert size _____ Culvert flow depth _____ | Culvert invert +13' 6" bridge rail, upstream Ø
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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 sheet for more info
DIS and pint grab sample taken
Est of algae cobble %

Comments:

Turbidity 5 NTU's
Measured by NTU
Date/time 1-23-00 @ 15:11

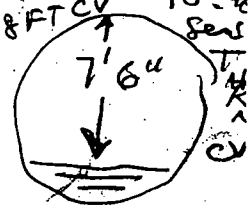
Location Redwood @ Branscomb SF EEL | Sampled by JN | Date 1-22-00
Rain start time _____ | Current weather CLOUDS | Time 13:40
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert ↓20' 7" = New Stage gage of 4" old " " of 7"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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 sheet

Turbidity 3 NTU's
Measured by JN

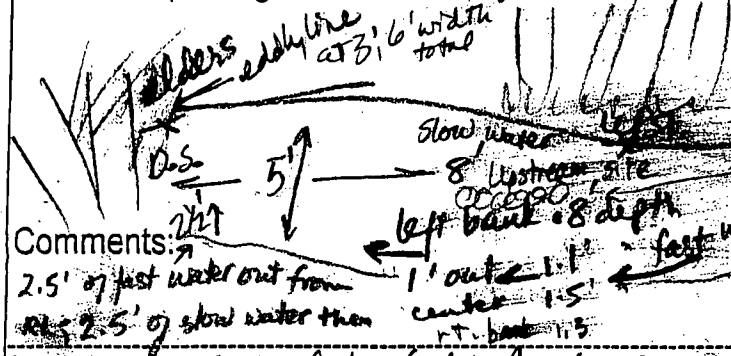
Comments:

Location MONROE CR., SFTR | Sampled by JN, EB | Date 1/21/00
Rain start time _____ | Current weather light rain | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert 2.5,

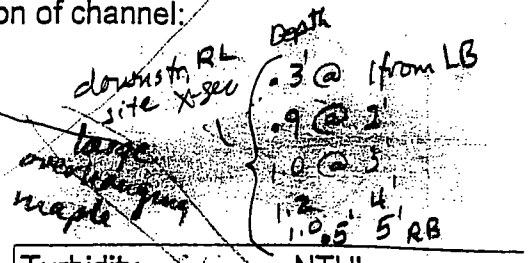


High-velocity width 2.5, 2.5 | Low-velocity width @5 2.5, 0.5, 3.
Dist.#1 8' Time #1 3.7 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 2.71 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 3.17 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments: 2.5' of fast water out from RL; 2.5' of slow water then

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

Location creek by Cedar Gulch Ranch | Sampled by JN, EB | Date 1/21/00
Rain start time _____ | Current weather drizzle | Time 16:00
Peak stage _____ | Current stage _____
Culvert size 4' Culvert flow depth 9" | Culvert invert _____
Hyampom Rd SFTR
High-velocity width _____ | Low-velocity width _____
Dist.#1 60' Time #1 25.16 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:

Comments: Highland Rd., just west before Cedar Gulch, Hyampom Rd. Creek flows/meanders through large meadows, horse disturbance, north side of road — by orange GTE sign (also orange road signs)

Turbidity 63 NTU's
Measured by JN
Date/time 1-23-00 @ 14:29

Location Salt Cr. Rd, ditch, #1 | Sampled by JN-EB | Date 1-21-00
Rain start time _____ | Current weather Showers | Time 16:15
Peak stage _____ | Current stage _____
Culvert size 24" Culvert flow depth ½" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

½" X 7"
Velocity 5' in 3.79 second

Sketch cross-section of channel:

CULVERT so. of FS sign (Salt creek rd.)
below tractor yarded harvest
Before 31N42 sign off to left

Comments:

Turbidity 160 NTU's
Measured by JN
Date/time 1-23-00 @ 14:34

copied 2-4-00

Location Salt Cr. Rd, old barn #2 Sampled by JN, EB Date 1/21
Rain start time _____ Current weather drizzle Time 15:25
Peak stage _____ Current stage _____
Culvert size 36" Culvert flow depth 3" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 8' Time #1 1.66 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:

17" wide x 3" deep @ 8' in 1.66 sec.

Comments: after 31N42, small stream coming from residential + logged by 30 mph & yellow, old barn across rd. & old oak tree
Mile 1.50 Tri 3 Hwy

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

Location Salt Cr. Rd, L35th #3 Sampled by JN, EB Date 1/21
Rain start time _____ Current weather cold, no rain Time 16:40
Peak stage _____ Current stage _____
Culvert size 36" Culvert flow depth 4" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 6' Time #1 1:09 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:

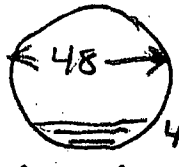
4" x 19" width,
6' in 1.09 sec.

Comments: serpentine soils, very close to Hwy 36 sparse pine forest

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

Location Hwy 36 mi. 0.76, Waterfall Sampled by JN, EB Date 1/21
Rain start time _____ Current weather not raining, cold Time 17:15
Peak stage _____ Current stage 4"
Culvert size 48" Culvert flow depth 4" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

48" CV



6'/1.52 sec

Mile 15.80

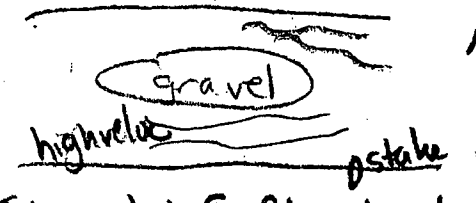
Clear lovely waterfall over steep moss covered rock - forested, may be all old growth

Comments:

Turbidity _____ NTU's
Measured by _____

Location 6 -SFE | Sampled by MLA | Date 1-25-00
Rain start time 3-5 am | Current weather showers | Time 10:15
Peak stage ~ | Current stage 34"
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 77" Time #1 2.08 | Dist.#1 ____ Time #1 ____
Dist.#2 77" Time #2 2.31 | Dist.#2 ____ Time #2 ____
Dist.#3 77" Time #3 2.05 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments: Skipped #6, flow too low to sample
Stage is to be taken directly ⊥ to railroad stake in the bank (note 5 is not marked)

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

Location 7A,B -SFE | Sampled by MLA, Carrie | Date 1-25-00
Rain start time 3-5 am | Current weather showers | Time 10:30
Peak stage ____ | Current stage ____
Culvert size ____ Culvert flow depth 1 7/16" Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Discharge = 2.84 sec/~0.2cf = 12½ cm, = 5" ~0.225cf

Sketch map of high and low velocity strands:

There appears to be the remnants of an old logging road above us, which may be contributing to the appearance of turbidity in 7A, which is flowing down from road - see notes

Sketch cross-section of channel:

Comments: 7A taken from upland flow, 7B is taken @ the culvert

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

Location 8A/8B -SFE | Sampled by MLA, carrie | Date 1-25-00
Rain start time 3:00am - 5am | Current weather light showers | Time 10:55
Peak stage ____ | Current stage 8A depth = 4 3/4"
Culvert size ____ Culvert flow depth 1 3/4" 8B-culvert Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Discharge: 3.13 sec/~.2cf = 4.5" = 10.2cm

8A collected ~ 30' above culvert

Comments: Skipped 7.5 - no flow

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

copied 2-4-00

Location SFE22 | Sampled by MLA/Ted | Date 1-21-00
Rain start time @ 12 00 | Current weather clear | Time 16:20
Peak stage _____ | Current stage 9"
Culvert size _____ Culvert flow depth [redacted] Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 50"	Time #1 2.5	Dist.#1 _____	Time #1 _____
Dist.#2 50"	Time #2 2.5	Dist.#2 _____	Time #2 _____
Dist.#3 50"	Time #3 3.0	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands: — from LB

Sketch cross-section of channel:

Stream width roughly 30'-35' - 1st bridge site, no stage gauge yet.

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location SFE #3 | Sampled by MLA, Carrie | Date 1-25-00
Rain start time ~3:00 am - 5am | Current weather light showers | Time 9:47
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 2 3/8" Culvert invert _____

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

Sketch map of high and low velocity strands:

relatively easy outlet to get at

Sketch cross-section of channel:

Comments: Discharge = 2.72 Sec / @ approx, 0.275 cf
= 5 3/4" - 14cm

Turbidity _____ NTU's
Measured by _____
Date/time

Location SFE #4 | Sampled by MLA, CMS | Date 1-25-00
Rain start time 3-5am | Current weather light, showers | Time 10:02
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 3 1/4" Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	Time #1 _____	Dist.#1 _____	Time #1 _____
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: 10.0 sec / 0.2 cf = 11 cm

Sketch cross-section of channel:

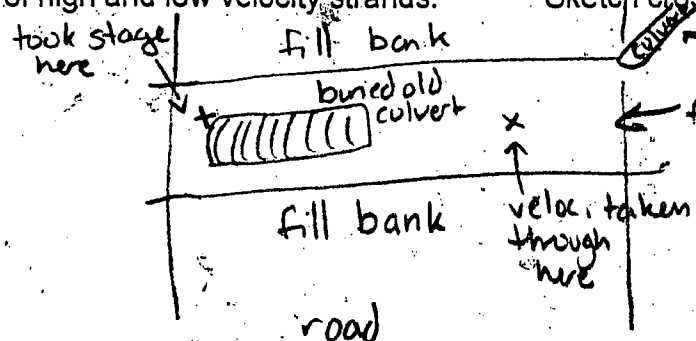
Comments: easy outlet to get at

Turbidity _____ NTU's
Measured by _____

copied 2-4-00

Location SFE 25 | Sampled by MLA / Jed | Date 1-21-00
Rain start time @ 12:00 | Current weather showers | Time 15:15
Peak stage | Current stage 6" taken @ bottom right hand corner of buried culvert in ditch
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width 20"
Dist.#1 | Time #1 | Dist.#1 25" | Time #1 2 sec
Dist.#2 | Time #2 | Dist.#2 25" | Time #2 2.5 sec
Dist.#3 | Time #3 | Dist.#3 25" | Time #3 2

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location SFE 24 | Sampled by MLA / Jed | Date 1-21-00
Rain start time @ 12:00 | Current weather showers | Time 15:40
Peak stage | Current stage
Culvert size | Culvert flow depth 2" | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#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: Discharge below 0.30 - 0.35 cf / 2 sec taken at culvert outlet - 6 3/4"

Turbidity NTU's
Measured by
Date/time

Location SFE 23 | Sampled by MLA / Jed | Date 1-21-00
Rain start time @ 12:00 | Current weather cleaning | Time 16:05
Peak stage | Current stage
Culvert size | Culvert flow depth 2.5" | 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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Discharge - 5 1/2" / 2sec = 0.25 cf taken @ culvert outlet.

Comments: culvert outlet very difficult to get at

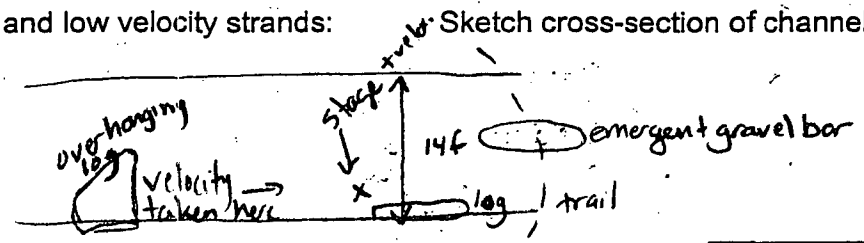
Turbidity NTU's
Measured by

Location 28.5 - SFE | Sampled by MLA, Jed | Date 1-21-00
Rain start time @ about 12:00 | Current weather showers | Time 14:23
Peak stage yesterday → 12:30 today | Current stage ≈ 4" @ log - upstream edge
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width 14 ft.		Low-velocity width _____	
Dist.#1 78"	Time #1 2.3 sec	Dist.#1 _____	Time #1 _____
Dist.#2 78"	Time #2 2.42	Dist.#2 _____	Time #2 _____
Dist.#3 78"	Time #3 2.6	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments: Heavy rains the day before on 1-20-00, so water is still fairly high in most places

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

Location 28 - SFE | Sampled by MLA, Jed | Date 1-21-00
Rain start time @ 12:00 | Current weather showers | Time 14:28
Peak stage _____ | Current stage _____
Culvert size 24" Culvert flow depth 0.5" 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 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments: Discharge taken at culvert outlet 0.20 cfs - 5.78 sec 10.5 cm

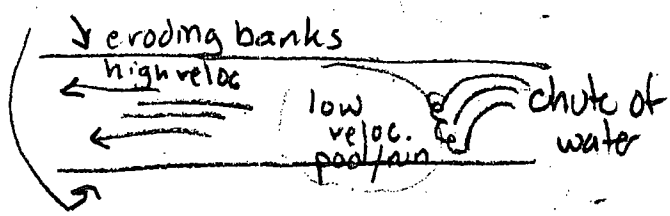
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location 27 - SFE | Sampled by MLA, Jed | Date 1-21-00
Rain start time @ 12:00 | Current weather showers | Time 14:54
Peak stage _____ | Current stage 9 3/4 in - midchannel measurement from low vel. width
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width 60" 2" deep		Low-velocity width 24" | 93/4"	
Dist.#1 25"	Time #1 _____	Dist.#1 3'	Time #1 3.5
Dist.#2 25"	Time #2 _____	Dist.#2 3'	Time #2 3.09
Dist.#3 25"	Time #3 _____	Dist.#3 3'	Time #3 4.16

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

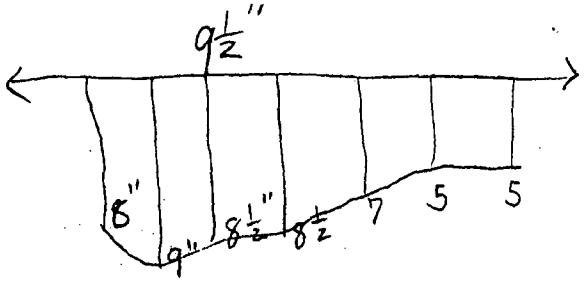
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location Graham Gulch | Sampled by YARROW / Joyce | Date 7-21-00
Rain start time 12:00 pm | Current weather Light Rain | Time 15:52
Peak stage _____ | Current stage 12" deep from center of culvert
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width 6'	Low-velocity width 3½ ft
Dist.#1 18'3" Time #1 5.48	Dist.#1 18'3" Time #1 7.84
Dist.#2 18'3" Time #2 5.09	Dist.#2 18'3" Time #2 12.55
Dist.#3 18'3" Time #3 4.72	Dist.#3 18'3" Time #3 11.57

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 Howard Hts. Sampled by YARROW / Joyce Date 1-21-00
Rain start time 12:00pm intermittent Current weather partial clouds/drizzle Time 14:25
Peak stage ? Current stage 15' 2½" From top of railing
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width 19 ft.		Low-velocity width 10½	
Dist.#1 25'	Time #1 7.63	Dist.#1 23½'	Time #1 37.48
Dist.#2 25'	Time #2 8.43	Dist.#2 23½'	Time #2 24.05
Dist.#3 25'	Time #3 7.58	Dist.#3 23½'	Time #3 21.86

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

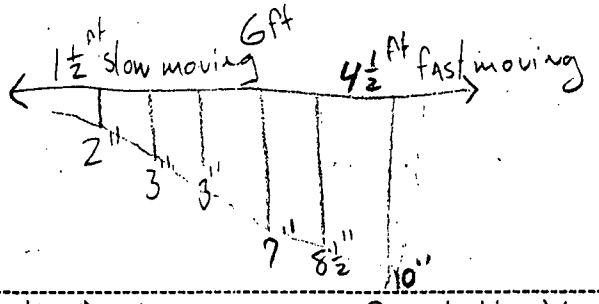
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location McKeedy Sampled by YARROW/JOYCE Date 1-21-00
Rain start time 12:00pm Current weather drizzle Time 15:09 pm
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width 4½'		Low-velocity width 1½'	
Dist.#1 10'	Time #1 3.19	Dist.#1 10'	Time #1 4.04
Dist.#2 10'	Time #2 2.83	Dist.#2 10'	Time #2 3.97
Dist.#3 10'	Time #3 2.92	Dist.#3 10'	Time #3 4.16

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

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

Location Freshwater Park Sampled by Yarrow / JK Date 1-21-00
Rain start time 12:00 pm Current weather cloudy Time 15:34
Peak stage _____ Current stage 11'10" Top of bridge support beam
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width 13½ ft		Low-velocity width 9'	
Dist.#1 12½ ft	Time #1 4.89	Dist.#1 13½'	Time #1 8.20
Dist.#2 12½ ft	Time #2 4.65	Dist.#2 13½'	Time #2 5.88
Dist.#3 12½ ft	Time #3 4.53	Dist.#3 13½'	Time #3 6.35

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

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

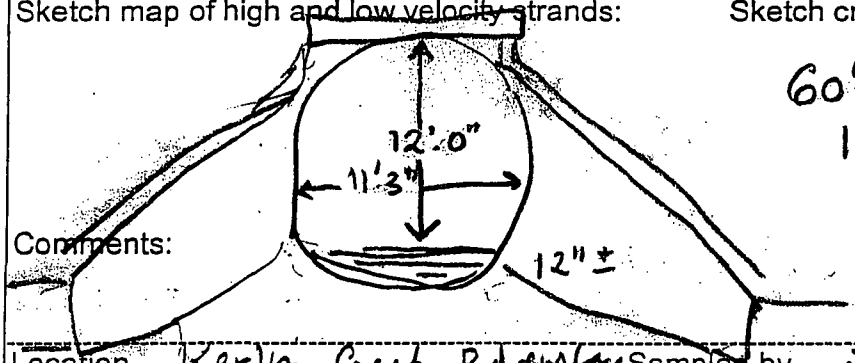
Location Site "B", Lower Ryerson Rd. Sampled by JN, EB, BH Date 1/21
Rain start time _____ Current weather no rain for hrs. Time 9:38
Peak stage _____ Current stage _____
Culvert size 4ft. Culvert flow depth 3" at bottom Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 60' Time #1 40 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:

copied 2-4-00

Culvert length: 60ft.
Comments: Above baseline, rain last night, good fast flowing creek.

Turbidity 2 NTU's
Measured by JN
Date/time 1-23-00 @ 13:32

Location Kerlin Creek Sampled by JN, EB, B.M. Date 1-21-00
Rain start time _____ Current weather Cloudy Time 10:27
Peak stage 13' ARCH CV Current stage ± 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:



60' THRU C.V.
14.56 seconds

Comments:

Turbidity 3 NTU's
Measured by JN
Date/time 1-23-00 @ 13:33

Location Kerlin Creek Rd surface Sampled by JN, BH, EB Date 1-21-00
Rain start time _____ Current weather Cloudy Time 10:28
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:

Rd ditch at flume exit
pool, no flow

graveled road
± 200' surface drains to flume

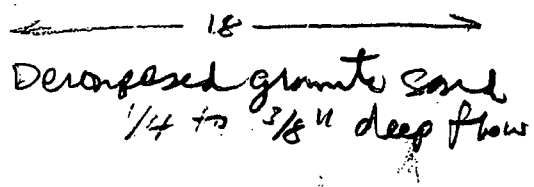
Comments:

Turbidity 167 NTU's
Measured by JN
Date/time 1-23-00 @ 13:37

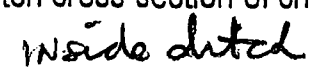
Location Horsetail, ditch | Sampled by JN | Date 1/20
Rain start time _____ | Current weather drizzle | Time 20:17
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width 18"		Low-velocity width _____	
Dist.#1 11"	Time #1 1 second	Dist.#1 _____	Time #1 _____
Dist.#2 6"	Time #2 1 second	Dist.#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: Ditch along road leading into Horsetail Pond
400' of ditch to HT

Turbidity 58 NTU's
Measured by JN
Date/time 1-23-00 @ 13:29

Location Ditch at rock outcrop | Sampled by JN | Date 1/20
Rain start time _____ | Current weather rain | Time 20:30
Peak stage _____ | Current stage _____
Culvert size 1 | Culvert flow depth _____ | Culvert invert _____

High-velocity width 4" x 1/2" deep		Low-velocity width _____	
Dist.#1 4"/sec.	Time #1 _____	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

a little beyond Horsetail (1000') towards Hyanpom, just before Butter Cr. Rd

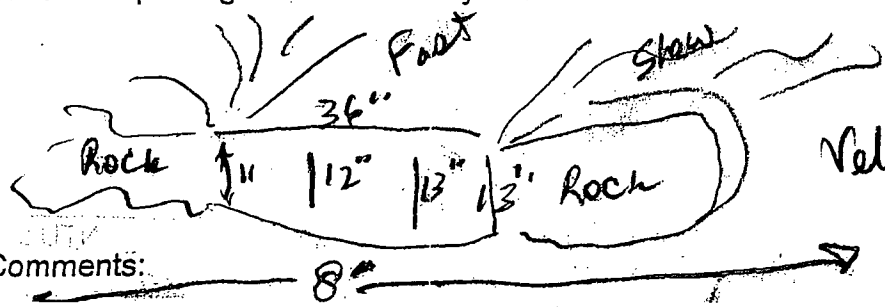
Comments: Road ditch along Hyanpom Rd, Distinct rock outcrop, road very narrow

Turbidity 168 NTU's
Measured by JN
Date/time 1-23-00 @ 13:30

Location Alders | Sampled by JN, EB | Date 1-20-00
Rain start time _____ | Current weather Drizzle | Time 20:48
Peak stage _____ | Current stage BASEFLOW
Culvert size 6'6 | Culvert flow depth 6" | Culvert invert 80' squashed

High-velocity width 36" x 12"		Low-velocity width _____	
Dist.#1 10	Time #1 2 seconds	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

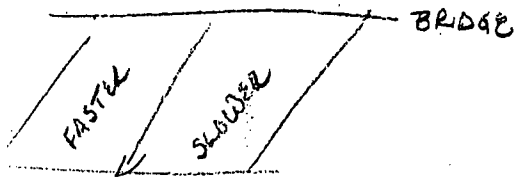
West of Butter Creek turnoff
Velocity (fast) 10'/2 seconds

Comments:

Turbidity 2 NTU's
Measured by JN
Date/time 1-22-00 @ 12:28

copied 2-4-00

Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 1/20/2000
Rain start time CONTINUES Current weather LIGHT RAIN / RAINED EARLIER Time 8:30 PM
Peak stage _____ Current stage 2.9
Culvert size_____ Culvert flow depth_____ Culvert invert_____
ID JCR
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#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 10 NTU's
Measured by JN
Date/time 1-23-00 @ 12:33

Location_____ Sampled by [illegible] Date 1/21/00
Rain start time 1/21 Current weather RAINING Time_____
Peak stage _____ Current stage 1.9
Culvert size_____ Culvert flow depth_____ Culvert invert_____
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#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:

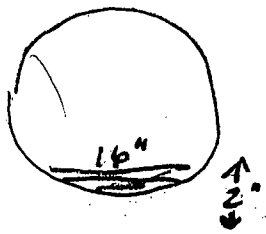
Turbidity 10 NTU's
Measured by JN
Date/time 1-23-00 @ 12:34

Location_____ Sampled by [illegible] Date 1/22/00
Rain start time _____ Current weather NOT RAINING Time 10:30 AM
Peak stage _____ Current stage 1.9
Culvert size_____ Culvert flow depth_____ Culvert invert_____
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#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 10 NTU's
Measured by JN

Location Hyampom TR1 301 10 Sampled by JN Date 1/20/2000
Rain start time not quite yet Current weather drizzle barely Time 19:48
Peak stage _____ Current stage _____
Culvert size 30" Culvert flow depth 2" Culvert invert crushed, misshapen
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#2_____ Time #2_____
Dist.#3_____ Time #3_____ Dist.#3_____ Time #3_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



velocity 10'/1.5 sec

Comments: On the way to Hyampom, will return
Turbidity 2 NTU's
Measured by JN
Date/time 1-23-00 @ 13:22

Location Dinner Gulch, Hyampom Rd Sampled by JN Date 1/20/2000
Rain start time 5 min. ago Current weather 5 min of good rain Time 20:03
Peak stage _____ Current stage Baseflow
Culvert size 24" Culvert flow depth 5" Culvert invert misshapen + crushed
High-velocity width 17" Low-velocity width _____
Dist.#1 6ft. Time #1 1.53sec Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#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: appears to be granitic
Good spot, has been raining pretty hard for D.G. 5 min - will return - Velocity measured inside culvert
Turbidity 4 NTU's
Measured by JN
Date/time 1-23-00 @ 13:23

Location Horsetail pond, Hyampom Sampled by JN Date 1/20
Rain start time _____ Current weather drizzle Time 20:11
Peak stage _____ Current stage Baseflow
Culvert size 30" Culvert flow depth 2" Culvert invert 16" wide
High-velocity width _____ Low-velocity width _____
Dist.#1 4 ft./sec. Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#2_____ Time #2_____
Dist.#3_____ Time #3_____ Dist.#3_____ Time #3_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

H.T. Culvert by Equisitum, small fallen tree
Comments:
Turbidity 10 NTU's
Measured by JN
Date/time 1-23-00 @ 13:25

Rain start time ½ hour | Current weather Light Shower | Time 16:26
Peak stage _____ | Current stage _____
Culvert size 6" | Culvert flow depth 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 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

3" in 5 gal bucket : 7.21 seconds

500' ditch drainage intercepted by hillslope
200' road surface into ditch

Comments:

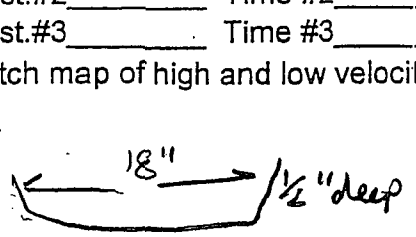
Turbidity 288 NTU's
Measured by JN
Date/time 1-23-00 @ 13:14

Location Stokely, Barker Valley Cr. | Sampled by EB JN | Date 1/20
Rain start time _____ | Current weather light rain | Time 16:47
Peak stage to date, 10" | Current stage 7", Baseflow
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: See discharge sheet - Stokely residence

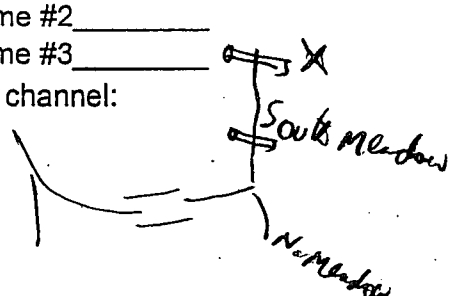
Turbidity 4 NTU's
Measured by JN
Date/time 1-23-00 @ 13:17

Location BVC Rd, meadow site | Sampled by EB JN | Date 1/20/00
Rain start time _____ | Current weather light rain | Time 17:42
Peak stage _____ | Current stage low
Culvert size 18" | Culvert flow depth 1" | Culvert invert 17"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 4' Time #1 6.67sec
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Both upstream & Downstream

Velocity 4'/6.67sec.



Comments:

Turbidity 35 NTU's
Measured by JN
Date/time 1-23-00 @ 13:21

copied 2-4-00

Location JGC | Sampled by MLA | Date 1-10-00
Rain start time overnight | Current weather rain | Time 8:15 am
Peak stage below 5 + 9½ in | Current stage 3½ in
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 20	Time #1 30	Dist.#1 12	Time #1 36
Dist.#2 _____	Time #2 28	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 31	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 JGC | Sampled by MLA | Date 1-10-00
Rain start time overnight | Current weather _____ | Time 16:45
Peak stage _____ | Current stage 4½"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 20	Time #1 13	Dist.#1 20	Time #1 40
Dist.#2 20	Time #2 14	Dist.#2 12	Time #2 28
Dist.#3 20	Time #3 14	Dist.#3 11	Time #3 23

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

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

Location JGC | Sampled by MLA | Date 1-18-00
Rain start time _____ | Current weather cleaning | Time 9:35
Peak stage 10" over weekend | Current stage 3"
Culvert size _____ Culvert flow depth _____ Culvert invert 1

High-velocity width 4		Low-velocity width 2	
Dist.#1 20	Time #1 17	Dist.#1 20	Time #1 22
Dist.#2 _____	Time #2 _____	Dist.#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 _____

copied 2-4-00

Location JGC | Sampled by MLA | Date 1-[illegible]-00
Rain start time morning | Current weather showers | Time 11:30
Peak stage 4" | Current stage 4"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width 4.5'	Low-velocity width 2.5'
Dist.#1 20' Time #1 14 sec	Dist.#1 20' Time #1 20 sec
Dist.#2 ____ Time #2 ____	Dist.#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 JGC | Sampled by MLA | Date 1-21-00
Rain start time 12:30 | Current weather showers | Time 13:15
Peak stage 5.5" | Current stage 3"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width 4	Low-velocity width 2
Dist.#1 20' Time #1 19	Dist.#1 [illegible] Time #1 21
Dist.#2 20' Time #2 18	Dist.#2 20 Time #2 24
Dist.#3 ____ Time #3 ____	Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments: It showered briefly yesterday afternoon

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

Location JGC | Sampled by MLA | Date 1-23-00
Rain start time ____ | Current weather clear | Time 18:00
Peak stage 5.5" | Current stage 3"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width ____	Low-velocity width 5'
Dist.#1 ____ Time #1 ____	Dist.#1 20 Time #1 26
Dist.#2 ____ Time #2 ____	Dist.#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: water is quite low compared to recent in creek

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

Sampled by Tisa Date 1/23/00

Rain start time _____ Current weather _____ Time 13:45

Peak stage _____ Current stage 14'9"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 11'4"	Time #1 8 sec	Dist.#1 _____	Time #1 15 sec
Dist.#2 _____	Time #2 _____	Dist.#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:

1/23/00 14'9"
1:45PM 8 feet
HH 15 sec

Turbidity 25.5 NTU's
Measured by JK
Date/time 2/8/00 14:06

Location HN Bridge Sampled by Tisa Date 1/30/00

Rain start time _____ Current weather _____ Time 15:30

Peak stage _____ Current stage 13'11"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	Time #1 5.5 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:

Comments:

1/30/00 13'11"
HH 5.5 sec.
3:30PM

Turbidity 87.8 NTU's
Measured by JK
Date/time 2/8/00 14:07

Location HN Bridge Sampled by Tisa Date 1/31/00

Rain start time _____ Current weather _____ Time 15:00

Peak stage _____ Current stage 14'1"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	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:

1/31/00 14'1"
HH
3:00PM 6 sec.

Comments:

Turbidity 44.3 NTU's
Measured by JK
Date/time 2/8/00

Location HH Bridge | Sampled by Tisa | Date 1/19/00
Rain start time _____ | Current weather _____ | Time 13:30
Peak stage _____ | Current stage 14' 4"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 6.7 sec	Dist.#1 _____ Time #1 8.5 sec
Dist.#2 _____ Time #2 _____	Dist.#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: 1/19/00 14' 4" 1:30 PM L:6.8 6.7 sec. HH 8.5 sec

Turbidity 45.4 NTU's
Measured by JK
Date/time 2/8/00 13:57

Location HH Bridge | Sampled by Tisa | Date 1/20/00
Rain start time _____ | Current weather _____ | Time 10:15
Peak stage _____ | Current stage 13' 8"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 4.5 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:

Comments: 1/20/00 13' 8" HH 10:15AM 4.5sec.

Turbidity 55.8 NTU's
Measured by JK
Date/time 2/8/00 14:00

Location HH Bridge | Sampled by Tisa | Date 1/20/00
Rain start time _____ | Current weather _____ | Time 15:00
Peak stage _____ | Current stage 13'10"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 5.5 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:

Comments: 1/20/00 13'10" 3:00PM 5.5 sec. HH

Turbidity 47.3 NTU's
Measured by JK
Date/time 2/8/00 14:03

Rain start time EARLY 1/19 | Current weather RAINING | Time 8:30 AM

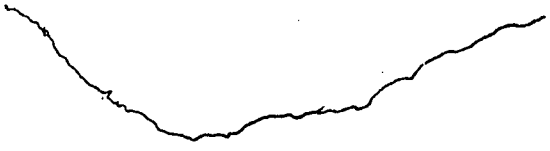
Peak stage _____ | Current stage 1.9

Culvert size _____ Culvert flow depth _____ Culvert invert _____

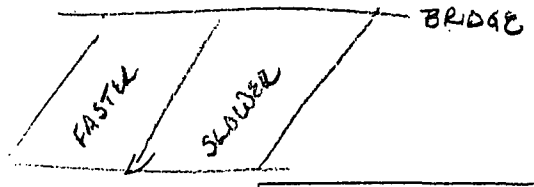
copied 2-4-00

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#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 12 NTU's
Measured by JN
Date/time 1-23-00 @ 12:27

Location _____ Sampled by _____ Date 1/19/00

Rain start time 1/19 | Current weather RAINED HARD EARLIER TODAY NOT RAINING NOW | Time 9:00 PM

Peak stage _____ | Current stage → 2.5

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:

Comments:

Turbidity 30 NTU's
Measured by JN
Date/time 1-23-00 @ 12:28

Location _____ Sampled by _____ Date 1/20

Rain start time 1/19 | Current weather LIGHT RAIN | Time 930 AM

Peak stage _____ | Current stage 1.7

Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

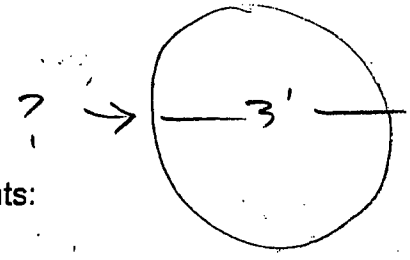
Comments:

Turbidity 10 NTU's
Measured by JN
1-23-00 @ 12:29

Location CAT CREEK | Sampled by JK KM | Date 1-16-00
Rain start time _____ | Current weather clear | Time 14:30
Peak stage _____ | Current stage 23"
Culvert size 36"? | Culvert flow depth 12" | Culvert invert 23"

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

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

1.0' depth
40 c
40.22 sec

Comments:

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

Location CAT CREEK | Sampled by JK KM | Date 1-16-00
Rain start time _____ | Current weather clear | Time 14:43
Peak stage _____ | Current stage _____
Culvert size 90(?) | Culvert flow depth 19½" | Culvert invert 70½"

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

Sketch map of high and low velocity strands:

36
36
18
90"

Sketch cross-section of channel:

1.8½' depth
95 c
40.25 sec

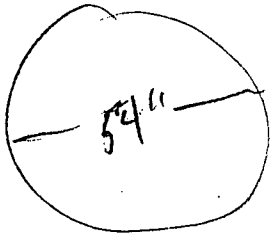
Comments:

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

Location Ave of G 22,12 | Sampled by JK KM | Date _____
Rain start time _____ | Current weather Overcast | Time 15:03
Peak stage _____ | Current stage _____
Culvert size 54" | Culvert flow depth 12" | Culvert invert _____

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

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

1.0 depth
77 c
40.36 sec

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

copied 9-9-08

Location CRAB CREEK CULVERT Sampled by JK KM Date 1-16-08
Rain start time 15:30 Current weather light rain Time ~~15:42~~ 16:00
Peak stage _____ Current stage _____
Culvert size 104" Culvert flow depth 30" Culvert invert 74"

High-velocity width		Low-velocity width	
Dist.#1 92'5"	Time #1 10.81	Dist.#1	Time #1
Dist.#2 92' 5"	Time #2 8.00	Dist.#2	Time #2
Dist.#3 "	Time #3 7.60	Dist.#3	Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

14# 20'10# 23# 20# 14# 7"

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:

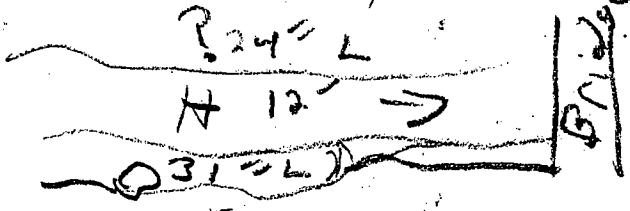
Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____

Location JUNK YARD/Seeley | Sampled by George | Date 1/19/00
Rain start time 12 AM 1/19/00 | Current weather Light RAIN | Time 14 37
Peak stage _____ | Current stage 149=
Culvert size BRIDGE | Culvert flow depth _____ | Culvert invert 149=
High-velocity width 12' APP. | Low-velocity width 31'=
Dist.#1 18' | Time #1 2.50 | Dist.#1 8' | Time #1 8.50
Dist.#2 _____ | Time #2 2.57 | Dist.#2 _____ | Time #2 3.65
Dist.#3 _____ | Time #3 2.69 | Dist.#3 _____ | Time #3 7.69

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

Turbidity 102. NTU's
Measured by George
Date/time 1/19/0 15:00

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 Junk to Seeley | Sampled by G | Date 1/16/00
Rain start time 1/15/00 7 PM | Current weather OVERCAST | Time 13:15
Peak stage N/A | Current stage 1.43 ft =
~~Culvert~~ size Bridge | Culvert flow depth _____ | Culvert invert 1.43 ft =
High-velocity width _____ | Low-velocity width _____
Dist.#1 18" | Time #1 2.56 | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 2.44 | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 2.25 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

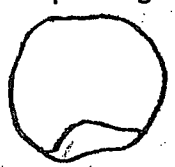
Turbidity 116. NTU's
Measured by G
Date/time 1/16/00 7:PM

Location Mill Seeley | Sampled by Geoje | Date 1/19/00
Rain start time 12AM 1/19/00 | Current weather RAIN | Time 12:06
Peak stage _____ | Current stage .15 =
Culvert size 48" = | Culvert flow depth _____ | Culvert invert 46 ft =
High-velocity width 20" = | Low-velocity width _____
Dist.#1 30" | Time #1 10.69 | Dist.#1 _____ | Time #1 _____
Dist.#2 " " | Time #2 7.85 | Dist.#2 _____ | Time #2 _____
Dist.#3 " " | Time #3 9.82 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 15.2 NTU's
Measured by Geoje
Date/time 1/19/00

Location R. Ils Mill Seeley | Sampled by Geoje | Date 1/19/00
Rain start time 12AM 1/19/00 | Current weather RAINE | Time 13:17
Peak stage 12" | Current stage 12" =
Culvert size 48" = | Culvert flow depth _____ | Culvert invert 55" =
High-velocity width 51" in Culv HV Stream width 60" = | Low-velocity width _____
Dist.#1 40" | Time #1 7.22 | Dist.#1 _____ | Time #1 _____
Dist.#2 40" | Time #2 7.56 | Dist.#2 _____ | Time #2 _____
Dist.#3 40" | Time #3 6.66 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Comments: stage guage is not working well the cork keeps disappearing

Turbidity 97.7 NTU's
Measured by Geoje
Date/time 1/19/00 15:03

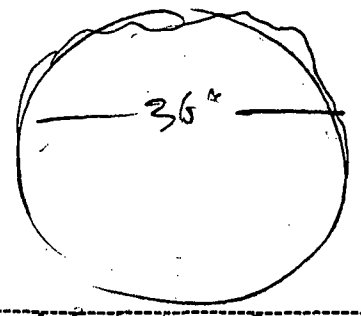
copied 2-4-00

Location Above Grants 17.24 Sampled by JK KM Date 1-16-00
Rain start time _____ Current weather _____ Time 13:24
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:

3 cells



Sketch cross-section of channel:

3 cells running too fast + too deep for probe sticks
+ Too shallow for velocimeter

Comments:

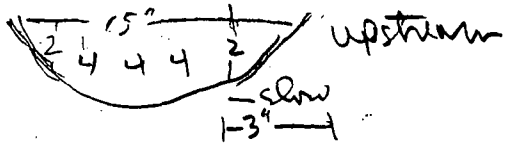
Turbidity _____ NTU's
Measured by _____
Date/time _____

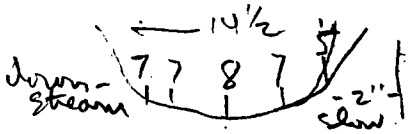
Location Above Grants 18.7 Sampled by JK KM Date 1-16-00
Rain start time _____ Current weather _____ Time 13:75
Peak stage _____ Current stage _____
Culvert size 24" Culvert flow depth 6" Culvert invert 20 ½"

High-velocity width		Low-velocity width	
Dist.#1 36"	Time #1 .90	Dist.#1	Time #1
Dist.#2 36"	Time #2 .97	Dist.#2	Time #2
Dist.#3 36"	Time #3 .88	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:

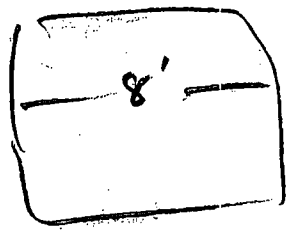
9:50 10:30

Comments:

Turbidity _____ NTU's
Measured by _____

Location Ave of Giants 16.44 | Sampled by JK KM | Date 1-16-00
Rain ~~start time~~ end time 11:30AM | Current weather Clear | Time 12:45
Peak stage _____ | Current stage _____
Culvert size 8' | Culvert flow depth 0.8' | Culvert invert 27"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

.0.8' depth
46 clicks
40.30 sec

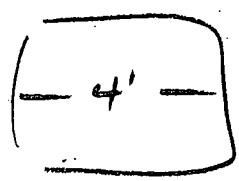
5-3 c
40.25 sec

Comments:

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

Location Ave of Giants 16.75 | Sampled by JK KM | Date 1-16-00
Rain start time _____ | Current weather Clear | Time 12:52
Peak stage _____ | Current stage _____
Culvert size 4' | Culvert flow depth _____ | Culvert invert 73.5"
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:

0.6' depth

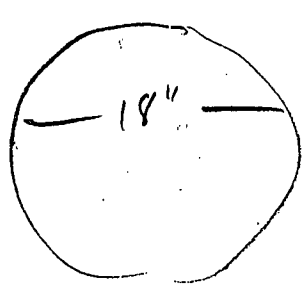
63
40.79

Comments:

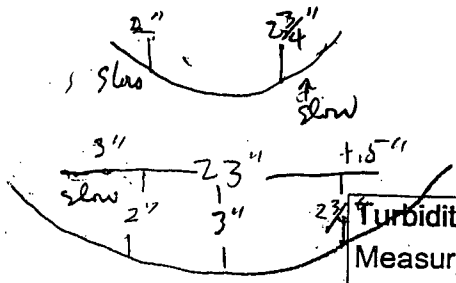
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location Ave of G 16.91 | Sampled by JK KM | Date 1-16-00
Rain start time _____ | Current weather _____ | Time 13:07
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth 4" | Culvert invert 14.5"
High-velocity width _____ | Low-velocity width _____
Dist.#1 36" Time #1 01:46 | Dist.#1 _____ Time #1 _____
Dist.#2 36" Time #2 01:50 | Dist.#2 _____ Time #2 _____
Dist.#3 36" Time #3 01:56 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



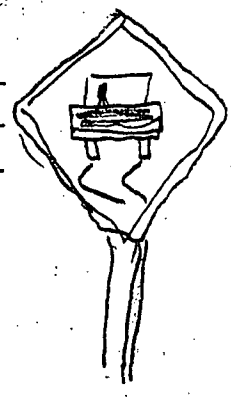
Sketch cross-section of channel:



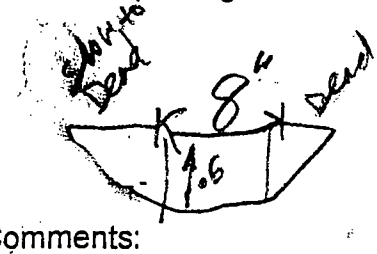
Comments:

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

Location 101 MILE 26.37 Sampled by JN Date 1-16-00
Rain start time _____ Current weather RAIN Time 0:29
Peak stage _____ Current stage _____
Culvert size 36 Culvert flow depth .3 Culvert invert 33"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____



Sketch map of high and low velocity strands:



.6 Method 41 Clicks 46 Sec } @ .6 depth in front of culvert

Sketch cross-section of channel:

Comments:

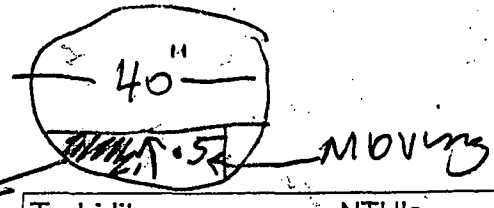
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location 101 Sampled by JN Date 1-16-00
Rain start time _____ Current weather RAIN Time 0:57
Peak stage _____ Current stage _____
Culvert size 40 Culvert flow depth 6" Culvert invert 34"
High-velocity width _____ Low-velocity width _____ Gabions
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

.5' { 54 Clicks 46 Sec }

Sketch cross-section of channel:

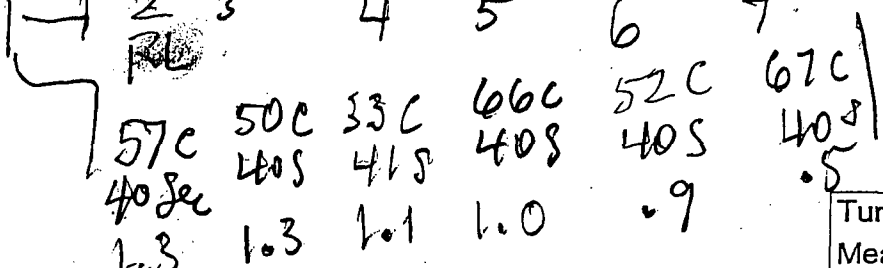


Comments:

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

Location DORA Creek SF EEL Sampled by JN Date 1-16-00
Rain start time _____ Current weather Clearing Showers Time 1257
Peak stage _____ Current stage Peak
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

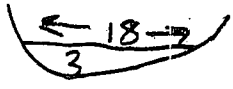


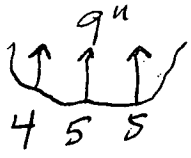
Sketch cross-section of channel:

Comments:

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

Location STANDISH HICKEY #1 Sampled by JN Date 1-16-00
Rain start time _____ Current weather Clearing Time 2:32
Peak stage 12:00 PM Current stage falling
Culvert size 48" Culvert flow depth 3" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:





57 Clicks
40.6 Sec
0.3'

Comments:

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

Location STANDISH HICKEY #2 Sampled by JN Date 1-16-00
Rain start time _____ Current weather RAIN Time 2:44
Peak stage _____ Current stage _____
Culvert size 18 Culvert flow depth ½ Culvert invert _____ PLASTIC
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TRICKLE THRU CV
Large pond upstream of clearwater
10' X 20' X 1'

Comments:

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

Location MILL CREEK SF EEL Sampled by JN Date 1-16-00
Rain start time _____ Current weather _____ Time 3:10
Peak stage 33" IN PAST TUES STORM Current stage 19"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

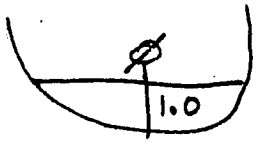
11 10 9 8 7 6 5 4 3 2 1 0
SLOW
150 CLICK
VERY FAST FLOW
200-250
40 SEC
150 Clicks
40 Sec
(56 in 10 Sec) 2.9 Depth
Read Water
19"

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

copied 2-4-00

Location 101 Fork of Rattlesnake SF, EEL Sampled by JN Date 1-16-00
Rain start time _____ Current weather Shower, SNOW above 2,000' Time 15:35
Peak stage _____ Current stage falling
Culvert size 7' Culvert flow depth 1.0' Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____ See Discharge
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



125 clicks
40 seconds } 0.8 method

Comments:

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

Location Bell Springs Rd at 101 Sampled by JN Date 1-16-00
Rain start time _____ Current weather Shower Time 16:19
Peak stage _____ Current stage 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:

Right side ditch (hill)
2'/sec ½X12

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 _____

Location Rock Cr E&L, S.F. Sampled by JN Date 1-16-00
Rain start time 6:00 PM 1-15-00 Current weather hard showers 30% Time 10:50
Peak stage _____ Current stage high
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

REW
Sketch map of high and low velocity strands:

14 13 12 11 10 9 8 7 6 5 4
20 38 32 48 84 66 120C 75C 81C 94C
40S 40S 40S 40S 40S 40S 40S 40S 40S 40S
.5 .6 1.0 1.0 1.4 1.5 1.3 1.6 1.6 1.6
DEAD

Sketch cross-section of channel:

DEAD 3 2 1 RLEW

Peak was 12" higher (Tuesday?)

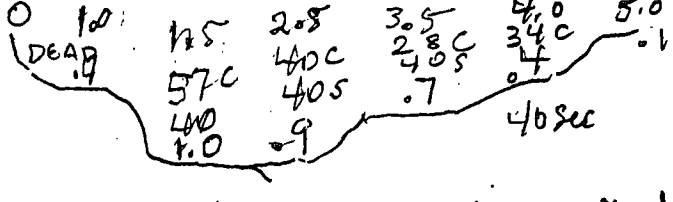
Comments:

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

Location Little Rock Creek SF E&L Sampled by JN Date 1-16-00
Rain start time 6PM 1-15-00 Current weather RAIN showers 20% Time 11:49
Peak stage 3" higher 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: Sample taken, no road runoff at this time entering streams.

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

Location SPY Rock Rd ditch Sampled by JN Date 1-16-00
Rain start time 6PM 1-15-00 at SPY Current weather 15 MINUTES OF Time 14:45
Peak stage Last night ↑12" fork of R.S. Current stage falling shower has stated rd runoff
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

5 gallon/minute

Sketch cross-section of channel:

Comments:

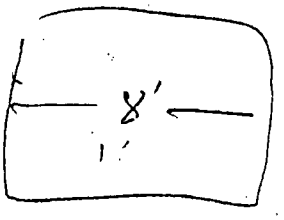
Turbidity 1 NTU's
Measured by _____
Date/time _____

copied 2-4-00

Location Ave of G 16.75 | Sampled by JN JC KM | Date 1-15-00
Rain start time _____ | Current weather _____ | Time 23:50
Peak stage _____ | Current stage _____
Culvert size 8' | Culvert flow depth 1.0' | Culvert invert _____

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

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

1.0' depth
66'
40.45 sec

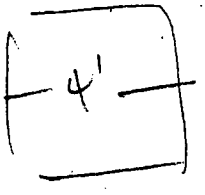
Comments:

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

Location Ave of Grab 16.44 | Sampled by JC KM JN | Date 1-16-00
Rain start time _____ | Current weather _____ | Time 20:01
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:



.7ft

Sketch cross-section of channel:

.7' depths
77 clicks avg across
40.41 sec

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:

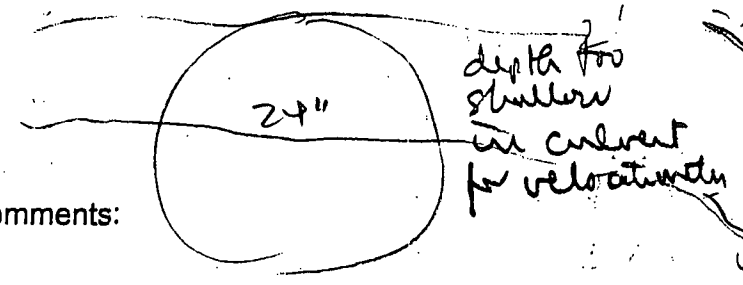
Comments:

Turbidity _____ NTU's
Measured by _____

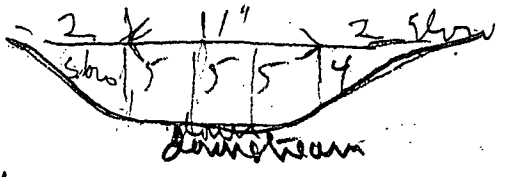
Location Area of Grants 18.7 mi | Sampled by JN JK KM | Date 2-15-00
Rain start time _____ | Current weather heavy rain | Time 23:13
Peak stage _____ | Current stage _____
Culvert size 24" | Culvert flow depth 5" | Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 2' Time #1 1.77	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 1.65	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



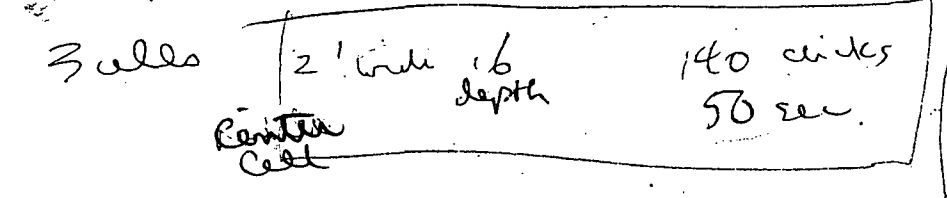
Comments:

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

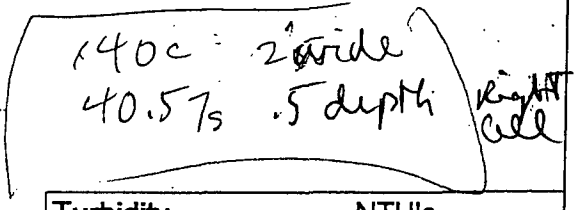
Location Area of Grants 17.24 | Sampled by JN JK KM | Date 1-16-00
Rain start time _____ | Current weather _____ | Time 23:30
Peak stage _____ | Current stage _____
Culvert size 36" | Culvert flow depth _____ | Culvert invert _____ Full!

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

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



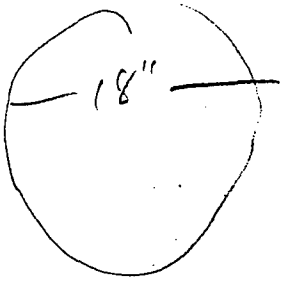
Comments:

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

Location Area of Grants 16.91 | Sampled by JN JK KM | Date 1-15-00
Rain start time _____ | Current weather _____ | Time 23:45
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth 8.5" | 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 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

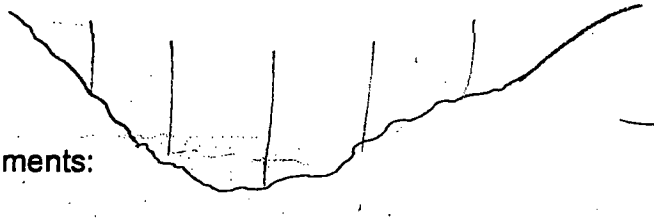
57 clicks
40.45 sec

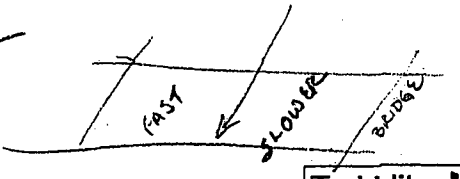
Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

copied 2-4-00

Location BRICELAND / REDWOOD CREEK Sampled by JP Date 1/17/2000 ✓
Rain start time _____ Current weather BEAUTIFUL - CLEAR Time 6:00 PM
Peak stage _____ Current stage 4.11
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 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:





Comments:

Turbidity 17.6 NTU's
Measured by Geoff
Date/time 1/18/00 2:45 PM

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:

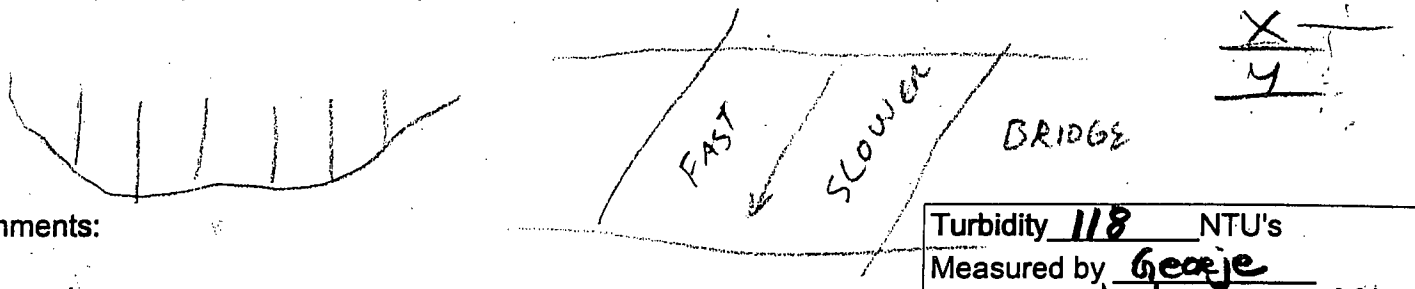
Turbidity _____ NTU's
Measured by _____
Date/time _____

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 _____

Location BRICELAND/REDWOOD CREEK Sampled by JP Date 1/15/00 ✓
Rain start time 1/14/00 Current weather DRIZZLING Time 11 AM
Peak stage _____ Current stage 4.7
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 118 NTU's
Measured by Georje
Date/time 1/18/00 3:00PM

Location _____ Sampled by _____ Date 1/16/00 ✓
Rain start time _____ Current weather RAINING Time 1:15 AM
Peak stage _____ Current stage 5.9
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 543 NTU's
Measured by Georje
Date/time 1/18/00 3:00 PM

Location _____ Sampled by _____ Date 1/16/00 ✓
Rain start time _____ Current weather CLOUDY - NOT RAINING Time 6:00 PM
Peak stage _____ Current stage 5.11
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 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

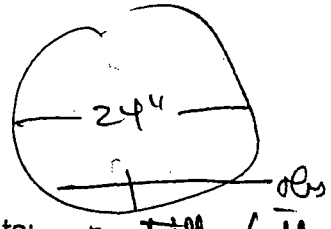
Comments:

Turbidity 57.0 NTU's
Measured by Georje
Date/time 1/21/00 2:45 PM

copied 2-4-00

Location Bull 2.3 Sampled by JN JK KM Date 1-15-00
Rain start time _____ Current weather _____ Time 21:49
Peak stage _____ Current stage _____
Culvert size 24" Culvert flow depth 9" Culvert invert 9"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____ 52 Clicks
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____ 40.35 sec

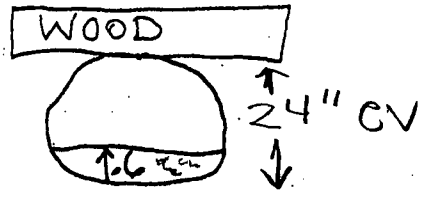
Sketch map of high and low velocity strands:



54
42.73

Sketch cross-section of channel:

.6 method
48 clicks
41.88 sec

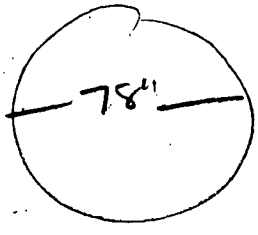


Comments: partially filled?

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

Location CW Bridge 2.9/6 Sampled by JN JK KM Date 1-15-00
Rain start time _____ Current weather _____ Time 22:13
Peak stage _____ (?) Current stage _____
Culvert size 78" Culvert flow depth ~~78"~~ Culvert invert 9' 5" 9
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

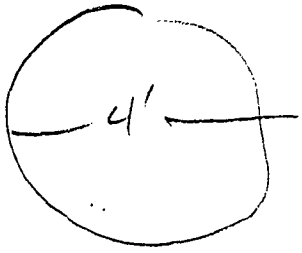
.6 method
110 clicks
40.55 sec

Comments:

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

Location Alt Creek Sampled by JN Date 1-15-00
Rain start time _____ Current weather Heavy Rain Time 22:26
Peak stage _____ Current stage _____
Culvert size 4' (?) Culvert flow depth 15" (?) Culvert invert 20"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 method

38 34 55 c
40.45 40.40 40.57 sec

Comments:

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

Location [illegible] Sampled by JN JK KM Date 1-15-00

Rain start time 18:00 Current weather RAIN, INTENSE Time 20:58 21:05

Peak stage _____ Current stage _____

Culvert size 30" Culvert flow depth 8" Culvert invert _____

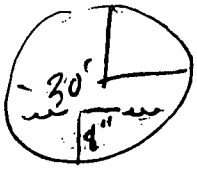
High-velocity width _____ Low-velocity width _____

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

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

28 clicks

40,31 sec

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time _____

Location Bull Run No. 3 Sampled by JN JK KM Date 1-15

Rain start time _____ Current weather _____ Time 21:18

Peak stage _____ Current stage _____

Culvert size 18 Culvert flow depth 8" Culvert invert 8"

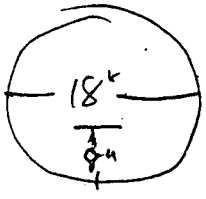
High-velocity width _____ Low-velocity width _____

Dist.#1 7 Time #1 _____ Dist.#1 _____ Time #1 _____

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

71 clicks

40,40 sec.

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time _____

Location Bull run 0.7 Sampled by JN JK KM Date 1-15

Rain start time _____ Current weather _____ Time 21:34

Peak stage _____ Current stage _____

Culvert size 4' Culvert flow depth 1.2' Culvert invert _____

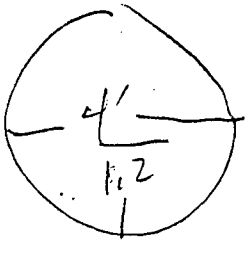
High-velocity width _____ Low-velocity width _____

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

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

102

40,81

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page _____ of _____

Location 3.1k #1 stream Seeley Sampled By George Date 11/16/00
culvert X bridge ___ other ___ Rain started when? 11/15 7PM Time 22:28
Rising X or Falling ___ or Peak ___ Stage Current weather heavy rain Turbidity 284
Stream Width ___ 11/16/00 7:PM
Stage reading 24" or culvert invert 42" or sketch cross section, showing depth measurements & locations:

TOO DARK

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 ___	Time #1 ___	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 ___	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 ___	Distance 3 ___	Time #3 ___

Notes:

Location AMOS stream Seeley Sampled By G Date 11/16/00
culvert X bridge ___ other ___ Rain started when? 11/15 7PM Time 12:30 AM
Rising ___ or Falling ___ or Peak ___ Stage Current weather OVERCAST Turbidity 20.6
Stream Width ___ 11/16/00 7:3PM
Stage reading ___ or culvert invert 46" or sketch cross section, showing depth measurements & locations:

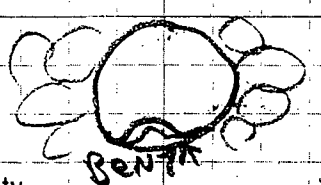
48" CUL

Velocity Sketch map of high and low velocity strands:

High-velocity strand width 24"		Low-velocity strand width ___	
Distance 1 30'	Time #1 4.18	Distance 1 ___	Time #1 ___
Distance 2 ___	Time #2 4.25	Distance 2 ___	Time #2 ___
Distance 3 ___	Time #3 4.47	Distance 3 ___	Time #3 ___

Notes:

Location 2.1k #11 stream Seeley Sampled By G Date 11/16/00
culvert X bridge ___ other ___ Rain started when? 11/15 7:PM Time 12:91 PM
Rising ___ or Falling ___ or Peak 26 Stage Current weather OVERCAST Turbidity 77.3
Stream Width ___ 11/16/00 7:PM
Stage reading 26 or culvert invert 50 or sketch cross section, showing depth measurements & locations:



Velocity Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 90	Time #1 5.50	Distance 1 ___	Time #1 ___
Distance 2 40	Time #2 8.85	Distance 2 ___	Time #2 ___
Distance 3 40	Time #3 7.26	Distance 3 ___	Time #3 ___

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location SY stream Seeley Sampled By Date 1/14/00
culvert bridge X other Rain started when? 1/12/00 9PM Time 22:35
Rising or Falling or Peak Stage Current weather Light Rain (Turbidity 70.1 1/15/00 6:30 PM)
Stream Width
Stage reading 14½" or culvert invert or sketch cross section, showing depth measurements & locations:

11.9 NTU

Velocity TOO DARK Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location Rk Hill stream Seeley Sampled By Geoff Date 1/14/00
culvert X bridge other Rain started when? 1/12/00 Time 22:56
Rising or Falling X or Peak Stage Current weather Rain (Turbidity 47.9 1/15/00 6:30 PM)
Stream Width 6' culv.
Stage reading 22 or culvert invert or sketch cross section, showing depth measurements & locations:
Peak 24"

Velocity Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Location AMOS stream Seeley Sampled By G 1/12/00 Date 1/14/00
culvert X bridge other Rain started when? Time 23:10
Rising or Falling X or Peak Stage Current weather Rain (Turbidity 16.9 1/15/00 6:30 PM)
Stream Width
Stage reading 14" or culvert invert or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width		Low-velocity strand width	
Distance 1	Time #1	Distance 1	Time #1
Distance 2	Time #2	Distance 2	Time #2
Distance 3	Time #3	Distance 3	Time #3

Notes:

Copied 2-4-00

Location Old G. West side | Sampled by JN | Date 1-14-00
Rain start time Class II | Current weather DRIZZLE | Time 11:55
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:

14" X 2" @ 1' sec
36" X 6" @ 2' sec
8" X 4" @ 3' sec (fall)

Yager Geology

Comments:
Crossed raging creek (LSF) over 5' dia redwood (to log to disch)

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

Location LSF Elk | Sampled by JN | Date 1-14-00
Rain start time _____ | Current weather RAIN/DRIZZLE | Time 12:14
Peak stage peak to falling | Current stage High [illegible] 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:

Sample/fern leaf (green)
Is too wet to mark bottles

4" X 9' @ 10'/1.64 [illegible] 2.06

Comments:

Turbidity 33.2 NTU's
Measured by JN
Date/time 1-15-00 @ 14:18

Location LSF Elk @ 06 | Sampled by JN | Date 1-14-00
Rain start time _____ | Current weather DRIZZLE | Time 12:40
Peak stage Yes | Current stage WITHIN 2" OF Peak or at Peak
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

SAMPLE has 2 blue dots
see discharge sheet:

Comments:

Turbidity 31.2 NTU's
Measured by JN

Location LLSF Sampled by JN Date 1-14-00
Rain start time Current weather DRIZZLE Time 10:35
Peak stage 20" higher (est) Current stage falling, LOW
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#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

Comments:

Turbidity 254 NTU's
Measured by JN
Date/time 1-15-00 @ 14:07

Location LLSF PIPE Sampled by JN Date 1-14-00
Rain start time 8 PM 1-13-00 to 8 AM Current weather DRIZZLE Time 10:45
Peak stage Current stage
Culvert size [illegible] Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

2 pipes [illegible] /a minute est
[illegible]
[illegible] underroad [illegible]

TAKE rd from LLSF that forks to WEST OF HW trail toward LSFork Elk

Comments:

Turbidity 183 NTU's
Measured by JN
Date/time 1-15-00 @ 14:09

Location Class III in CC / OLD Growth Sampled by JN Date 1-14-00
Rain start time Current weather RAIN Time 11:26
Peak stage Yes near edge Current stage HIGH
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

torrent 4" dept 10" wide
on 100% Slope very turbid
3'/sec est

Comments:

Turbidity 867 NTU's
Measured by JN
Date/time 1-15-00 @ 14:11

copied 2-4-00

#12 SF Elk — Sampled by JN — Date 1-14-00

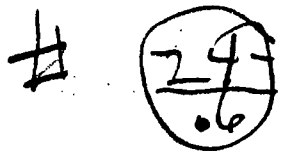
Rain start time _____ — Current weather LAST RAIN 12:00 — Time 20:24

Peak stage IN this tub: 5:00? — Current stage falling

Culvert size 2' — Culvert flow depth .6' — Culvert invert 14'

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

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



Sample with alder twig

PRICE AA

.06 49 clicks 40.5 sec

Comments:

Turbidity 63.8 NTU's
Measured by JN
Date/time 1-15-00 @ 12:57

Location #10 SF Elk — Sampled by JN — Date 1-14-00

Rain start time _____ — Current weather NO RAIN 8 hours drizzle at times — Time 20:38

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:

Brown Pampas grass in Bottle

.06 method .5 in 24" CV 18 clicks 40.5 seconds

Comments:

Turbidity 277 NTU's
Measured by JN
Date/time 1-15-00 @ 12:48

Location So. Fork Elk River Bridge — Sampled by JN — Date 1-14-00

Rain start time _____ — Current weather LAST RAIN 12:00 — Time 21:33

Peak stage falling (Flooded at 8" NF Bridge) — Current stage near peak, 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:

Stage 1'10" ↓ Center of So Fork Bridge

4'/sec

Sample taken in DIS to reach NOT DIS, water sample only

Comments:

Turbidity 288 NTU's
Measured by JN 1-15-00 @ 12:54

Location #22 S.F. Elk Iron Bridge | Sampled by JN | Date 1-14-00
Rain start time 8 pm 1-13-00, break up 8:00 AM | Current weather Last Rain 12:00 | Time 18:30
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:

SF Elk

Stage = ↓ 16.2 Sample grass in bottle

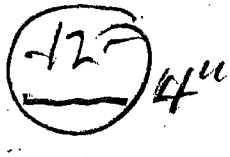
Comments:

Turbidity 205 NTU's
Measured by JN
Date/time 1-15-00 @ 13:31

Location #21? △ So. Fork Elk | Sampled by JN | Date 1-14-00
Rain start time 8 pm 1-13-00 | Current weather DRIZZLE NO RAIN | Time 18:50
Peak stage IN TRIBS: 500 AM | Current stage FALLING SINCE 12:00
Culvert size 12" | Culvert flow depth 4" | Culvert invert 8"
High-velocity width | Low-velocity width
Dist.#1 Time #1 | Dist.#1 Time #1
Dist.#2 Time #2 | Dist.#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 triangle on fir tree
Sample nothing in bottle

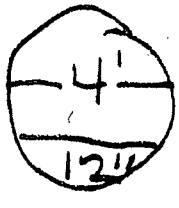
Comments:



Turbidity 37.6 NTU's
Measured by JN
Date/time 1-15-00 @ 13:07

Location Large iron CV. 5,500' from Kiosk SF. Elk | Sampled by JN | Date 1-14-00
Rain start time | Current weather | Time 19:25
Peak stage | Current stage FALLING
Culvert size 48"-54" | Culvert flow depth 12" | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 Time #1 | Dist.#1 Time #1
Dist.#2 Time #2 | Dist.#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



See discharge sheet

THIS #17 DOES NOT JIVE WITH NOTES 11-16 IT SHOULD BE #18

Comments:

Turbidity 193 NTU's
Measured by JN
Date/time 1-15-00 @ 14:49

#27 copied 2-4-00

Location 200' Tule above LSF elec Bridge | Sampled by JN | Date 1-14-00
Rain start time _____ | Current weather _____ | Time 16:50
Peak stage _____ | Current stage FALLING | See Discharge Sheet
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

has fir branchlet in bottle

Comments:

Turbidity 829 NTU's
Measured by JN
Date/time 1-15-00 @ 13:59

Location LSFE | Sampled by JN | Date 1-14-00
Rain start time 8 PM 1-13-00 to 8 AM | Current weather DRIZZLE | Time 17:14
Peak stage near peak/falling | Current stage 6'3" BELOW 4th Plate on iron Bridge (UPSTREAM RIVER SIDE) | See discharge sheet
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

redwood needle in bottle

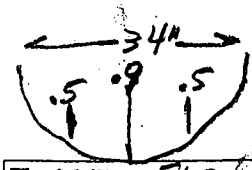
Comments:

Turbidity 76.4 NTU's
Measured by JN
Date/time 1-15-00 @ 13:48

Location Tule grass LSF Elec | Sampled by _____ | Date 1-14-00
Rain start time _____ | Current weather _____ | Time 16:21
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:

Bubbles @ 1½'/second

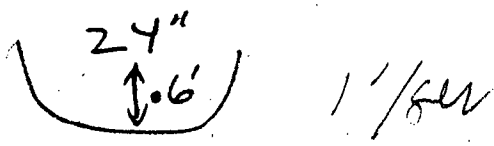
large fern leaf in bottle



See other data sheet for discharge: 20 revs / 40.5 sec } .6 method

Turbidity 560 NTU's

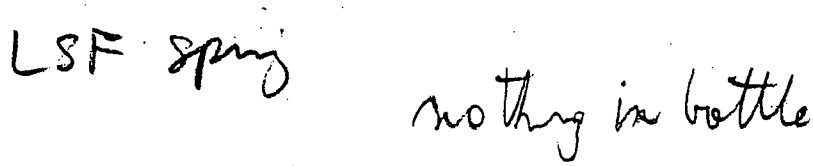
Location LSF Dutch #25 Sampled by JN Date 1-14-00
Rain start time SF Elk Current weather _____ Time 18:05
Peak stage _____ Current stage FALLING
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ 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:



Comments:

Turbidity 248 NTU's
Measured by JN
Date/time 1-15-00 @ 14:52

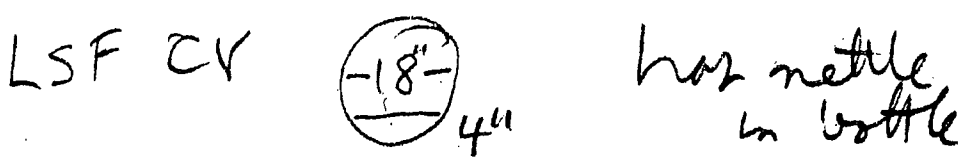
Location _____ Sampled by _____ Date 1-14-00
Rain start time _____ Current weather _____ Time 18:10
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
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 #24 LSF Elk Sampled by JN Date 1-14-00
Rain start time _____ Current weather DRIZZLE Time 18:25
Peak stage _____ Current stage FALLING
Culvert size 18" Culvert flow depth 4" Culvert invert 14"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 14.3 NTU's
Measured by JN
Date/time 1-15-00 @ 14:26

Location Little So. Fork Elk @ Old growth | Sampled by JN | Date 1-14-00
Rain start time 8PM 1-13-00 to 8AM | Current weather drizzle | Time 13:39
Peak stage YES | Current stage Peak
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

LSF Elk at O.G.

Sketch cross-section of channel:

Sample w redwood leg

Comments:

Turbidity 29.0 NTU's
Measured by JN
Date/time 1-15-00 @ 14:21

Location LLSF Elk | Sampled by JN | Date 1-14-00
Rain start time 8PM 1-13-00 to 8AM | Current weather drizzle | Time 15:41
Peak stage _____ | Current stage ↓ 6" from Peak
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

Sample Bottle DC 2 2:00PM 2/18/99

Sketch cross-section of channel:

Comments:

Turbidity 72.0 NTU's
Measured by JN
Date/time 1-15-00 @ 13:33

Location Tributary LLSF Elk | Sampled by JN | Date 1-14-00
Rain start time _____ | Current weather Cloudy | Time 16:21
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:

Ditch 24" .5 .9 .5

← EAST →
20"

20 sec
40.5 sec } -6 method

Sketch cross-section of channel:

Bubble look like 1½'/sec

Comments:

Turbidity 560 NTU's
Measured by JN
Date/time 1-15-00 @ 14:31

grel Creek, South Fork Trinity

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page of

Location South Fork Ranch stream GREL Creek Sampled By GN. Date 1/14/00
culvert___bridge___other___ Rain started when? 1/13/99 Time 11:PM
Rising__ or Falling__ or Peak 7½" Stage Current weather Cloudy-no Rain Turbidity 19 NTU
Stream Width 42" By JN 12:19 1-25-00
Stage reading____or culvert invert 39" or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____

Distance 1_____	Time #1_____	Distance 1_____	Time #1_____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

Location SFK RNCH stream GREL Creek Sampled By SN Date 1/15/00
culvert___bridge___other___ Rain started when? 1/14/00 Time 1:00PM
Rising 8" or Falling__ or Peak___ Stage Current weather Rain Turbidity 22 NTU
Stream Width 50" By JNQ 12:17 1/23/00
Stage reading____or culvert invert 35" or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____

Distance 1_____	Time #1_____	Distance 1_____	Time #1_____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

Location SFKRNCH stream GREL Creek Sampled By SN Date 1/16/00
culvert___bridge___other___ Rain started when? 1/14/00 Time 11:00AM
Rising__ or Falling__ or Peak 10½" Stage Current weather Clear Turbidity 15 NTU
Stream Width 52" By JN @ 12:15, 1/23/00
Stage reading____or culvert invert 34" or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____

Distance 1_____	Time #1_____	Distance 1_____	Time #1_____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Notes:

Copied 2-4-00

Location SF Δ #21 Sampled by JN Date 1-13-00
Rain start time _____ Current weather Showers Clouds Time 15:07
Peak stage _____ Current stage LOW
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 9" X ½" @ 1' sec Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

12" CV forested
↓11.5"

Last CV before SF Bridge
Δ 3.0 Miles?

Comments:

Turbidity 28.5 NTU's
Measured by JN
Date/time 1-15-00 @ 15:16

Location SF Forested A Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size 24" Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Dry 1. 1ST CV on rd to 059 THP

Comments:

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

Location SF B Sampled by JN Date 15-FEB
Rain start time _____ Current weather _____ Time 1-13-00
Peak stage _____ Current stage _____
Culvert size 12" Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

2nd CV on rd to 059
dry

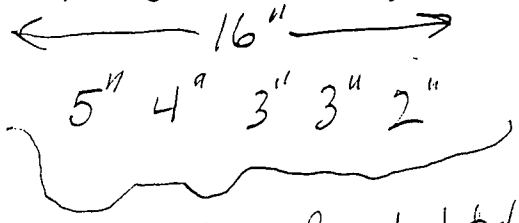
Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

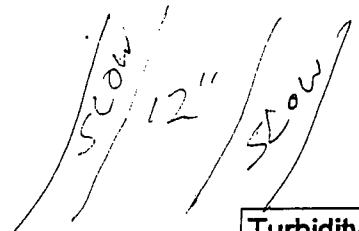
Location SF NO23 #17 Sampled by JN Date 1-13-00
Rain start time _____ Current weather Showers DRIZZLE Time 13:46
Peak stage _____ Current stage Falling, Low
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 6' Time #1 3.59	Dist.#1 6' Time #1 3.57
Dist.#2 _____ Time #2 3.44	Dist.#2 _____ Time #2 3.87
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Humboldt crossing below CV

Comments: INCLUDES Road ditch which is running clear 1/2" X 6" @ 1'sec Additional originates @ culvert from 16A

Turbidity 25.6 NTU's
Measured by JN
Date/time 1-15-00 @ 15:17

Location 17A Sampled by JN Date 1-13-00
Rain start time Day before Current weather Cloudy Time 14:00
Peak stage _____ Current stage Falling, Low
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

1/2" X 5" @ 1'sec est.

Sketch cross-section of channel:

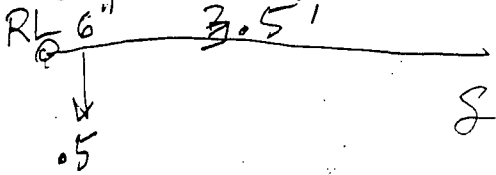
Comments: 1 cuyd of fresh material (silt sized particles)

Turbidity 42.6 NTU's
Measured by JN
Date/time 1-15-00 @ 15:20

Location SF 18 Sampled by JN Date 1-13-00
Rain start time _____ Current weather _____ Time 14:09
Peak stage _____ Current stage _____
Culvert size 48" Culvert flow depth _____ Culvert invert _____

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

Turbidity 34.1 NTU's
Measured by JN
Date/time 1-15-00 @ 15:19

Comments:

#1 2-4-00 Copied

Location LSF Elk past Iron Bridge Sampled by JN Date 1-13-00
Rain start time _____ Current weather _____ Time 17:00
Peak stage _____ Current stage Low, Little rain for 12 hours Drizzle
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

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

LSF from Class III

Comments:

Turbidity 5.81 NTU's
Measured by JN
Date/time 1-15-00 @ 15:06

Location #25 DIP (ROLLING/WATER BAR) Sampled by JN Date 1-13-00
Rain start time STORM: 16:00 Current weather DRIZZLE Time 17:15
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:

Ditch 10" X 1" 1' see

Comments:

Turbidity 13.7 NTU's
Measured by JN
Date/time 1-15-00 @ 15:04

Location LSF Elk #2 Sampled by JN Date 1-13-00
Rain start time _____ Current weather _____ Time 17:03
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:

LSF

Turbidity 8.44 NTU's
Measured by TN

Comments:

Location SF (E station towards 059) Sampled by JN Date 1-13-00
Rain start time _____ Current weather Rain Time 15:38
Peak stage _____ Current stage _____
Culvert size 30" Culvert flow depth 1" Culvert invert 29"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Sample taken in
in Rd ditch that runs for est 200'
lots sediment in margins
flow originates in Clear cut WLPZ on one side

Comments:

Turbidity 32.8 NTU's
Measured by JN
Date/time 1-15-00 @ 15:07

Location SR @ Bridge above Falls Sampled by JN Date 1-13-00
Rain start time _____ Current weather Drizzle Time 16:53
Peak stage falling Current stage 17'9" ↓ ø of bridge, upstream top of rail
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 had been 24" higher (est)
See discharge Point AA

Comments:

Turbidity 19.4 NTU's
Measured by JN
Date/time 1-15-00 @ 15:09

Location Little S.F Elk Bridge Sampled by JN Date 16:00
Rain start time _____ Current weather _____ Time 1-13-00
Peak stage _____ Current stage Low
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 ↓ 7' from top of RAIL @ 4th
plate (on upstream side) from River Left

Comments:

Turbidity 11.3 NTU's
Measured by JN
Date/time 1-15-00 @ 15:26

Location AMOS Seeley | Sampled by George | Date 1/14/00
Rain start time 1/12/00 9 PM | Current weather RAIN | Time 12:54 PM
Peak stage 3" | Current stage 3"
Culvert size 48" | Culvert flow depth 3" | Culvert invert 45"
High-velocity width 26 | Low-velocity width NA
Dist.#1 30' | Time #1 4.07 | Dist.#1 | Time #1
Dist.#2 30' | Time #2 5.00 | Dist.#2 | Time #2
Dist.#3 30' | Time #3 4.06 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

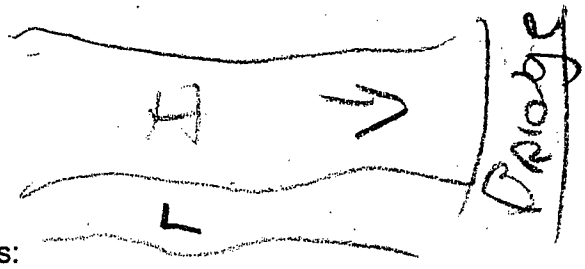
Turbidity 51.2 NTU's
Measured by George
Date/time 1/14/00 2:16 PM

Location B. Hill Seeley | Sampled by George | Date 1/14/00
Rain start time 1/12/00 9 PM | Current weather RAIN | Time 1:09 PM
Peak stage 29" | Current stage 29"
Culvert size 6" | Culvert flow depth | Culvert invert 43.5"
High-velocity width | Low-velocity width
Dist.#1 40' | Time #1 6.35 | Dist.#1 | Time #1
Dist.#2 | Time #2 6.12 | 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:

Comments:

Turbidity 139 NTU's
Measured by George
Date/time 1/14/00 2:14 PM

Location JY Seeley | Sampled by G | Date 1/14/00
Rain start time 1/12/00 9 PM | Current weather Rain | Time 1:45
Peak stage NA | Current stage 140.5"
Culvert size Bridge | Culvert flow depth | Culvert invert 140.5"
High-velocity width 14' | Low-velocity width 48"
Dist.#1 18' | Time #1 1.87 | Dist.#1 15' | Time #1 3.12
Dist.#2 18' | Time #2 2.00 | Dist.#2 15' | Time #2 3.81
Dist.#3 18' | Time #3 2.19 | Dist.#3 15' | Time #3 3.67
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



1-14-00 2:18 PM

Comments:

Turbidity 185 NTU's
Measured by George
Date/time 1/14/00 2:19 PM

copied 2-1400

Location JK92 Seeley | Sampled by Geoeje | Date 10:38 PM
Rain start time 11/12/00 9PM | Current weather light Rain | Time 11/13/00
Peak stage / | Current stage 165=
~~Culvert~~ size Bridge Culvert flow depth ____ | Culvert invert 161=
High-velocity width To Dark | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

To Take Sample off of bridge at fast water
Comments: it would be easier with a cheap fishing Pole + reel.
with a light sinker. An empty Bottle Just bounces + comes up + drives me NUTS

Turbidity 54.4 NTU's
Measured by Geoeje
Date/time 11/14/00 2:16PM

Location Bills Hill | Sampled by Geoeje | Date 11/13/00
Rain start time 11/12/00 9:00 PM | Current weather Light Rain | Time 11:30 PM
Peak stage 12= | Current stage 10=
Culvert size 6= Culvert flow depth ____ | Culvert invert 56=
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#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: To Dark for Vel.

Turbidity 58.2 NTU's
Measured by Geoeje
Date/time 11/14/00 2:15 PM

Location AMOS/Seeley | Sampled by Geoeje | Date 11/13/00
Rain start time 11/12/00 9:PM | Current weather Light RAIN | Time 11:34 PM
Peak stage ____ | Current stage 1=
Culvert size 48" Culvert flow depth 1= | Culvert invert ____
High-velocity width 18= | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

To Dark

1-1400 2:17 PM

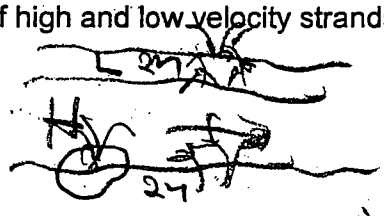
Turbidity 28.9 NTU's
Comments: | Measured by Geoeje

Location Bill's hill Jack Seeley | Sampled by Geoeje | Date 1/13/06
Rain start time 1/12/06 9 PM | Current weather RAIN | Time 12:08 PM
Peak stage 16" | Current stage 14"
Culvert size 6' | Culvert flow depth NA | Culvert invert 61'
High-velocity width 51' | Low-velocity width N/A
Dist.#1 40' Time #1 8.50 | Dist.#1 ____ Time #1 ____
Dist.#2 40' Time #2 8.38 | Dist.#2 ____ Time #2 ____
Dist.#3 40' Time #3 7.91 | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 98.4 NTU's
Measured by Geoeje
Date/time 1/13/06 1:26 PM

Location Jake Seeley | Sampled by Geoeje | Date 1/13/06
Rain start time 1/12 9 PM | Current weather RAIN | Time 12:59 PM
Peak stage ____ | Current stage ____
~~Culvert size~~ Bridge ~~Culvert flow depth~~ ____ | Culvert invert 149"
High-velocity width 11' | Low-velocity width 24" - 24"
Dist.#1 20 Time #1 2.66 | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 1.53 | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 2.25 | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Comments:
LOW VEL ON other side of creek with to much veg.

Turbidity 110 NTU's
Measured by Geoeje
Date/time 1/13/06 1:25 PM

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 2-4-00

Location Amos Seeley | Sampled by Geoeje | Date 12/9/99
Rain start time 10:pm 12/8/99 | Current weather Showers | Time 1:30 PM
Peak stage _____ | Current stage 1=
Culvert size 48 | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: Slow to low flow velocity

Turbidity 8.30 NTU's
Measured by Geoeje
Date/time 12/9/99 12:53PM

Location Amos Seeley | Sampled by Geoeje | Date 1/11/2000
Rain start time 1/9/2000 | Current weather Overcast | Time 11:20 AM
Peak stage _____ | Current stage 2=
Culvert size 48= | Culvert flow depth 2" | Culvert invert _____
High-velocity width 24" | Low-velocity width NONE
Dist.#1 30' Time #1 8.63 | Dist.#1 _____ Time #1 _____
Dist.#2 30' Time #2 6.44 | Dist.#2 _____ Time #2 _____
Dist.#3 30 Time #3 9.50 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 25.1 NTU's
Measured by Geoeje
Date/time 1/11/00 12:44 PM

Location Amos Seeley | Sampled by Geoeje | Date 1/13/00
Rain start time 1/12/00 9:PM | Current weather Storm last night rain | Time 11:44AM
Peak stage _____ | Current stage 1½=
Culvert size 48= | Culvert flow depth 1½ | Culvert invert _____
High-velocity width 20= | Low-velocity width N/A
Dist.#1 30' Time #1 10.22 | Dist.#1 _____ Time #1 _____
Dist.#2 30' Time #2 10.22 | Dist.#2 _____ Time #2 _____
Dist.#3 30 Time #3 10.50 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

1-13-00 9:07

Turbidity 18.9 NTU's
Measured by Geoeje

Comments:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? By Page 6 of 6

Likely this was actually 15?

Location ~~15~~ 14 stream____ Sampled By AK Date 1-13-00
culvert X bridge___other___ Rain started when? overnight Time 1353
Rising__ or Falling X or Peak___ Stage Current weather drizzle/clear Turbidity____
Stream Width 6"
Stage reading____or culvert invert 1" or sketch cross section, showing depth measurements & locations:

Unable to get at culvert to get discharge, took velocity

(Velocity) Sketch map of high and low velocity strands:

High-velocity strand width ____		Low-velocity strand width ____	
Distance 1 2'	Time #1 3 sec	Distance 1____	Time #1____
Distance 2 2'	Time #2 2	Distance 2 ____	Time #2 ____
Distance 3 2'	Time #3 2	Distance 3 ____	Time #3 ____

Notes:

Likely this was actually 16?

Location 15 stream____ Sampled By AK Date 1-13-00
culvert X bridge___other___ Rain started when? overnight Time 1400
Rising__ or Falling X or Peak___ Stage Current weather drizzle, clear Turbidity____
Stream Width ~~6~~ 8"
Stage reading____or culvert invert 0.8 or sketch cross section, showing depth measurements & locations:

Discharge
17.44 secs / 11 cm ~ 0.2 cfs

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ____		Low-velocity strand width ____	
Distance 1____	Time #1____	Distance 1____	Time #1____
Distance 2 ____	Time #2 ____	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 ____	Distance 3 ____	Time #3 ____

Notes:

Location____ stream____ Sampled By____ Date 1-13-00
culvert___bridge___other___ Rain started when? ____ Time____
Rising__ or Falling__ or Peak___ Stage Current weather ____ Turbidity____
Stream Width____
Stage reading____or culvert invert____or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:

High-velocity strand width ____		Low-velocity strand width ____	
Distance 1____	Time #1____	Distance 1____	Time #1____
Distance 2 ____	Time #2 ____	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 ____	Distance 3 ____	Time #3 ____

Notes:

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By Page 5 of 6

Location #12 stream SFElk Sampled By AK Date 1-13-00
culvert X bridge other Rain started when? overnight Time 13:06
Rising or Falling X or Peak Stage Current weather drizzle/clear Turbidity
Stream Width [redacted] 14" Loc 300'
Stage reading or culvert invert X or sketch cross section, showing depth measurements & locations:

1.6 sec / 0.46 cfs Depth = 3.2"
upslope flow

Velocity Sketch map of high and low velocity strands:
High-velocity strand width Low-velocity strand width
Distance 1 Time #1 Distance 1 Time #1
Distance 2 Time #2 Distance 2 Time #2
Distance 3 Time #3 Distance 3 Time #3
Notes:

Location 13 stream SFElk Sampled By AK Date 1-13-00
culvert X bridge other Rain started when? overnight Time 13:33
Rising or Falling X or Peak Stage Current weather drizzle/clear Turbidity
Stream Width 25" Loc string ran out
Stage reading or culvert invert 1' or sketch cross section, showing depth measurements & locations:

Unable to get at culvert outlet

Velocity Sketch map of high and low velocity strands:
High-velocity strand width 8" Low-velocity strand width
Distance 1 2' Time #1 7 secs Distance 1 Time #1
Distance 2 2' Time #2 8 Distance 2 Time #2
Distance 3 2' Time #3 7 Distance 3 Time #3
Notes:

Location 13.5 stream SFElk Sampled By AK Date 1-13-00
culvert X bridge other Rain started when? overnight Time 1345
Rising or Falling X or Peak Stage Current weather drizzle/clear Turbidity
Stream Width 11" Likely this was actually #14
Stage reading or culvert invert 1" or sketch cross section, showing depth measurements & locations:

Discharge: 7.6 cm / 4 secs ~

Velocity Sketch map of high and low velocity strands:
High-velocity strand width Low-velocity strand width
Distance 1 Time #1 Distance 1 Time #1
Distance 2 Time #2 Distance 2 Time #2
Distance 3 Time #3 Distance 3 Time #3
Notes:

Location SF ELK #9 — Sampled by AK — Date
Rain start time overnight — Current weather drizzle — Time
Peak stage — Current stage
Culvert size — Culvert flow depth 2" — Culvert invert
High-velocity width 27" — Low-velocity width
Dist.#1 — Time #1 — Dist.#1 — Time #1
Dist.#2 — Time #2 — Dist.#2 — Time #2
Dist.#3 — Time #3 — Dist.#3 — Time #3

2253'

Sketch map of high and low velocity strands:

Discharge:

1.94 secs / 16.7 cm ≈ 0.30 cfs

Sketch cross-section of channel:

2319
- 2253
66 ft
additional

Comments: Sample A @ culvert mouth, Sample B from upslope watercourse.

Turbidity
Measured by
Date/time

Location SF ELK #10 — Sampled by AK — D
Rain start time overnight — Current weather drizzle — T
Peak stage — Current stage
Culvert size — Culvert flow depth 0.5" — Culvert invert
High-velocity width 8" — Low-velocity width
Dist.#1 — Time #1 — Dist.#1 — Time #1
Dist.#2 — Time #2 — Dist.#2 — Time #2
Dist.#3 — Time #3 — Dist.#3 — Time #3

Loc 2509'

Sketch map of high and low-velocity strands:

~~15.8~~ sec 15.31 sec = 16.5 cm

~ mostly ditch

Sketch cross-section of channel:

Comments:

Measure ditch later

Turbidity
Measured by
Date/time

Location #11 — Sampled by AK
Rain start time overnight — Current weather drizzle
Peak stage — Current stage

Loc 2621'

Culvert size — Culvert flow depth 0.7" — Culvert invert
High-velocity width 13" — Low-velocity width
Dist.#1 — Time #1 — Dist.#1 — Time #1
Dist.#2 — Time #2 — Dist.#2 — Time #2
Dist.#3 — Time #3 — Dist.#3 — Time #3

Sketch map of high and low velocity strands:

7.06 sec / 12 cm ≈ 0.20 cfs

mostly upslope flow, ditch exists

Ditch is from 2621' to 2678'

Sketch cross-section of chann

Turbidit
Measur
Date/tir

Loc. 2125'

Location #7 - SF Elk | Sampled by MA, AK | Date 1-13-00
Rain start time over night | Current weather drizzle | Time 11:16
Peak stage ____ | Current stage ____
Culvert size ____ | Culvert flow depth 1.5" | Culvert invert ____
High-velocity width 14" | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

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

Discharge: 4.69 sec / 23.5 cm ≈ 0.40 to 0.45

7A = @ culvert
7B = from 63' water course

~ @ 63 ft, upslope water comes into ditch from upslope ditch continues up road 84 ft for a total length 147'

Comments: water is (flowing) across road into culvert outlet head ← not actively at this moment

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

LOC. 2190'

Location #6 = SF Elk | Sampled by AK | Date 1-13-00
Rain start time over night | Current weather drizzle | Time 11:35?
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:

No significant flow into culvert, standing water above outlet of culvert splashes water out intermittently

Dangerous spot to get at outlet

Comments:

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

Location #8 | Sampled by AK | Date 1-13-00
Rain start time over night | Current weather drizzle | Time 11:52
Peak stage ____ | Current stage ____
Culvert size ____ | Culvert flow depth 1.5" | Culvert invert ____
High-velocity width 11" wide | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

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

8A - at culvert, w road drainage Dis = 3.5 sec / 12 cm ≈ 0.20 cfs

8B - upslope water course

Ditch - 200 active w/ H_2O, 100 dry potential / 300 total

~ active road flow into outlet side of culvert

Comments:

Turbidity ____ NTU's
Measured by ____

Location LLSF TULE GRASS | Sampled by JN | Date 1-13-00
Rain start time _____ | Current weather DRIZZLE | Time 18-23
Peak stage _____ | Current stage LOW
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

WIDE grassy area
flow = 12" x ? @ 1' See .est

Sketch cross-section of channel:

Comments:

Turbidity 12.7 NTU's
Measured by JN
Date/time 1-15-00 @ 15:21

Location LLSF | Sampled by JN | Date 1-13-00
Rain start time _____ | Current weather RAIN, DRIZZLE, SHOWERS | Time 18:35
Peak stage _____ | Current stage ON
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

See Price AA Discharge Sheet
Flow Stage had been 8" higher

Sketch cross-section of channel:

Comments:

Turbidity 19.4 NTU's
Measured by JN
Date/time 1-15-00 @ 15:22

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
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page 2 of 6

Location 4 stream SF Elk Sampled By AK Date 1-13-00
culvert X bridge___other___ Rain started when? overnight Time 10:33
Rising_____ or Falling X and/or Peak stage_____readings Turbidity_____by____
Stream Width 12" Current weather drizzle @ date/time_____
Depth reading 1" or culvert invert____or sketch x- section, showing depth measurements & locations:

Location 2039'

Notes: 6' length of culvert pipe crossing channel upstream of culvert; seems to be catching sediment from drainage ditch. Drainage ditch dry; no sample taken. Drainage ditch: 20' active, 5' potentially active.

Discharge: 0.20 ft³/8 secs (17cm)

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1_____	Time #1_____	Distance 1_____	Time #1_____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Location 5 stream SF Elk Sampled By AK Date 1-13-00
culvert X bridge___other___ Rain started when? overnight Time 10:45 (3)
Rising_____ or Falling X and/or Peak stage_____readings Turbidity_____by____
Stream Width 3" at culvert Current weather drizzle @ date/time_____
Depth reading____or culvert invert X or sketch x- section, showing depth measurements & locations:

Location 2044'

Notes: Culvert - 1" deep water - nearly all road related drainage. water flowing cross ways off the road into invert of culvert, and standing water in field next to culvert

See field notebook

Discharge = 340ml / 5.15 sec

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1_____	Time #1_____	Distance 1_____	Time #1_____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Location 6 stream SF Elk Sampled By AK Date 1-13-00
culvert___bridge___other X Rain started when? _____ Time 11:00
Rising_____ or Falling ~~X~~ ~2-3" and/or Peak stage_____readings Turbidity_____by____
Stream Width ? 24.5" stage Current weather showers @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:

Location 2120'

Notes: At big oak, I fell in. It was fun. Don't sit on logs.

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width entire stream Low-velocity strand width _____

Distance 1 15'	Time #1 3 sec	Distance 1_____	Time #1_____
Distance 2 15'	Time #2 3 sec	Distance 2 _____	Time #2 _____
Distance 3 15'	Time #3 2.6 sec	Distance 3 _____	Time #3 _____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page 1 of 6

Site # 2

Location 1st Iron Bridge stream SF Elk Sampled By AK Date 1-13-00
culvert ___ bridge X other___ Rain started when? over last night Time 19:14:00
Rising ____ or Falling X and/or Peak stage_____readings Turbidity_____by____
Stream Width 27' Current weather drizzle @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: Velocity measure was taken from RB at a tree that I put a piece of bailing wire on a mid eye level branch, and scratch "#2" into the lichen
water appears chocolatey - in grab bottle label is "1"
Depth = 2'

Sketch map of high and low velocity strands:

[redacted]

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 27'	Time #1 13 sec	Distance 1 4'	Time #1 6 sec
Distance 2 27'	Time #2 13	Distance 2 4'	Time #2 10
Distance 3 ____	Time #3 ____	Distance 3 4'	Time #3 12

Site A1, A2

Location 1778'

Location 1961'

Location #3 stream SF Elk Sampled By AK Date 1-13-00
culvert X bridge___other___ Rain started when? last night Time 10:03
Rising ____ or Falling X and/or Peak stage_____readings Turbidity_____by____
Stream Width 1.5-2" Current weather drizzle @ date/time_____
Depth reading____or culvert invert X or sketch x- section, showing depth measurements & locations:
Notes: Not a previously sampled culvert, it is before Site 3 on the road. We will sample A1, the watercourse, and A2, the ditch. Velocity was from below the culvert outlet

14" culvert
3.7" invert water depth

Ditch was 17' long

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 2'	Time #1 6 sec	Distance 1 ____	Time #1 ____
Distance 2 2'	Time #2 4 sec	Distance 2 ____	Time #2 ____
Distance 3 2'	Time #3 4 sec	Distance 3 ____	Time #3 ____

Location #3 stream SF Elk Sampled By AK Date 1-13-00
culvert X bridge___other___ Rain started when? last night Time 10:23
Rising ____ or Falling X and/or Peak stage_____readings Turbidity_____by____
Stream Width 15" Current weather drizzle @ date/time_____
Depth reading 3" or culvert invert X or sketch x- section, showing depth measurements & locations:
Notes:

Discharge =
2.75 sec/6" ~ 0.30 cfs

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 ____	Time #1 ____	Distance 1 ____	Time #1 ____
Distance 2 ____	Time #2 ____	Distance 2 ____	Time #2 ____
Distance 3 ____	Time #3 ____	Distance 3 ____	Time #3 ____

Note: Asphalt ends at 1961'
Distance are very debatable, do not match up well w/ previous tape measures

Location JGC | Sampled by MLA | Date 1-25-00
Rain start time 3:00 am | Current weather showers | Time 8:00 am
Peak stage 3½" | Current stage 3½"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width ~4'	Low-velocity width ~1.5'
Dist.#1 20' Time #1 19.3	Dist.#1 17' Time #1 31.4
Dist.#2 20' Time #2 17.6	Dist.#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 is labeled in perm. ink
"D.C 10:00 am 2/28/99"

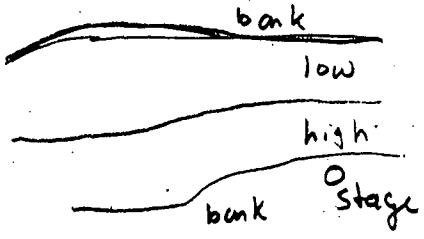
Turbidity ____ NTU's
Measured by ____
Date/time ____

Location JGC | Sampled by MLA | Date 1-31-00
Rain start time 16:30 | Current weather clear | Time 18:15
Peak stage 8½" | Current stage 4½"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width 3'	Low-velocity width 3' 10"
Dist.#1 20' Time #1 10.6 sec	Dist.#1 18' Time #1 21 sec
Dist.#2 20' Time #2 13.0	Dist.#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: 6' 10" wide

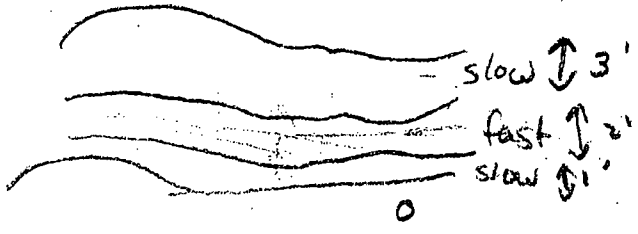
Turbidity ____ NTU's
Measured by ____
Date/time ____

Location JGC | Sampled by MLA | Date 2-5-00
Rain start time ____ | Current weather intermittent showers | Time 12:20
Peak stage 4½" | Current stage 2"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width 2.0	Low-velocity width 4.0
Dist.#1 20' Time #1 18	Dist.#1 20' Time #1 27
Dist.#2 20 Time #2 17	Dist.#2 20' Time #2 28
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 JGC | Sampled by MLA AK | Date 1-13-00
Rain start time overnight | Current weather rain | Time 8:03
Peak stage 8" | Current stage 3.5"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width 3	Low-velocity width 3
Dist.#1 26 Time #1 21	Dist.#1 8 Time #1 25
Dist.#2 26 Time #2 21	Dist.#2 19 Time #2 27
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 JGC | Sampled by MLA | Date 1-13-00
Rain start time last night/this afternoon | Current weather rain | Time 21:00
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:

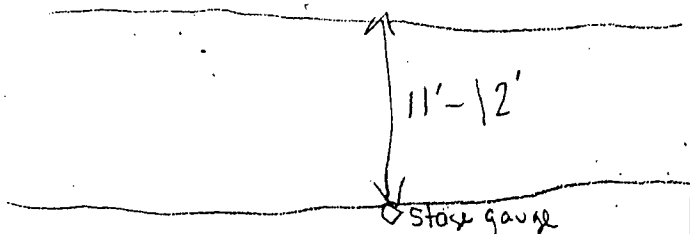
Turbidity ____ NTU's
Measured by ____
Date/time ____

Location JGC | Sampled by MLA | Date 1-14-00
Rain start time last afternoon | Current weather rain | Time 8:55
Peak stage 10" | Current stage 9"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width all pretty fast	Low-velocity width ____
Dist.#1 20' Time #1 5 sec	Dist.#1 ____ Time #1 ____
Dist.#2 20' Time #2 5	Dist.#2 ____ Time #2 ____
Dist.#3 20' Time #3 6	Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments: Stream is spreading out in floodplain, all quite fast

Turbidity ____ NTU's
Measured by ____
Date/time

Location SF C | Sampled by JN | Date 1-13-00
Rain start time 10 minutes | Current weather Rain | Time 15:24
Peak stage _____ | Current stage falling, lowest
Culvert size 24? | Culvert flow depth _____ | Culvert invert _____

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

Sketch map of high and low velocity strands:

crusted leaking CV

Sketch cross-section of channel:

Mossined channel
12" x 1/2" @ 1' sec est

Comments:

Turbidity 26.2 NTU's
Measured by JN
Date/time 1-15-00 @ 15:14

Location SF C | Sampled by JN | Date 1-13-00
Rain start time _____ | Current weather _____ | Time 15:25
Peak stage _____ | Current stage LOW
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

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

Sketch map of high and low velocity strands:

Rd ditch to C
5" x 1/2

Sketch cross-section of channel:

Comments:

Turbidity 41.5 NTU's
Measured by JN
Date/time 1-15-00 @ 15:15

Location SF D | Sampled by JN | Date 1-13-00
Rain start time _____ | Current weather Cloudy, showers | Time 15:32
Peak stage _____ | Current stage LOW
Culvert size 12" | Culvert flow depth _____ | Culvert invert _____

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

Sketch map of high and low velocity strands:

Rd ditch to D Sampled
road has not been used for several years(2)
5" x 1/2

Sketch cross-section of channel:

Comments:

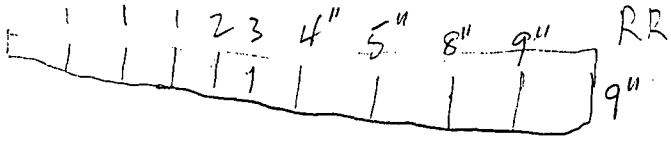
Turbidity 620.8 NTU's
Measured by JN
Date/time 1-15-00 @ 15:12

copied 2-7-00

Location MC Cready | Sampled by JN | Date 1-13-00
Rain start time _____ | Current weather _____ | Time 10:22
Peak stage _____ | Current stage ↓ 5.9"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 15'	Time #1 4.12	Dist.#1 15'	Time #1 8.02
Dist.#2 _____	Time #2 5.04	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 4.49	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

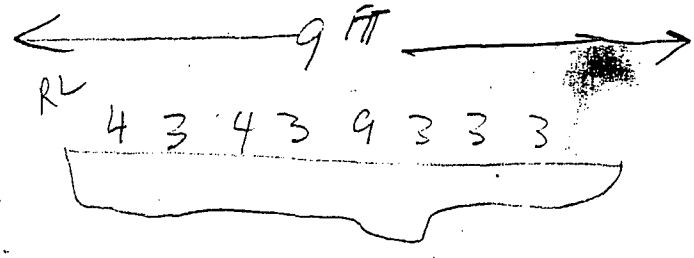
Comments:

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

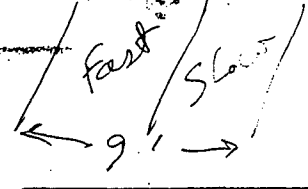
Location GG | Sampled by JN | Date 1-13-00
Rain start time _____ | Current weather RAIN DRIZZLE | Time 10:36
Peak stage _____ | Current stage ↓ 6.1"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 20	Time #1 5.43	Dist.#1 20	Time #1 10.77
Dist.#2 _____	Time #2 6.44	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 4.83	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



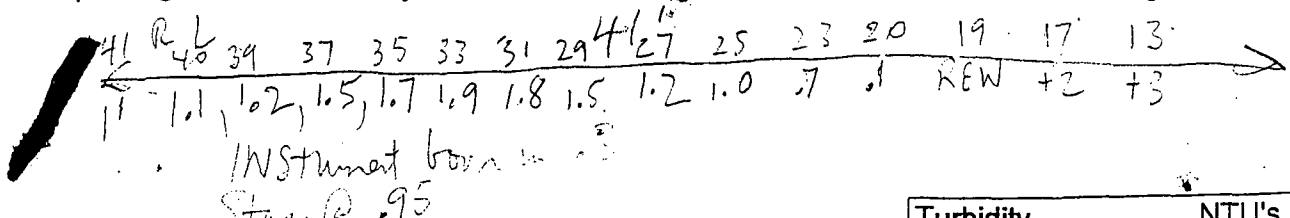
Comments:

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

Location FTR | Sampled by JN | Date 1-13-00
Rain start time DRIZZLE | Current weather _____ | Time 10:56
Peak stage _____ | Current stage .95
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:



Sketch cross-section of channel: OLD Elwater

Comments:

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

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page ____ of ____

Location HH stream FLWTR. Sampled By TSK Date 1/14/00
culvert ___ bridge ___ other ___ Rain started when? _____ Time 3:45 PM
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

taken from flooded road (falling water level)

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream _____ Sampled By TSK Date 1/16/00
culvert ___ bridge ___ other ___ Rain started when? _____ Time 2:45 PM
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

water still high from flooding

12'7" from bridge rail

5 ft 5 ft

slow

Sketch map of high and low velocity strands:

to Rt. if looking upstream,

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 4 sec. Distance 1 _____ Time #1 6.2 sec.
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location _____ stream _____ Sampled By _____ Date _____
culvert ___ bridge ___ other ___ Rain started when? _____ Time _____
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By_____ Page____ of____

Location HH stream Fwtr. Sampled By TBA Date 1/12/00
culvert (bridge) other___ Rain started when? _____ Time 1:20 PM
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 13'11" from bridge rail

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1____ Time #1 5.6 sec. Distance 1____ Time #1_____
Distance 2 _____ Time #2 5.3 sec. Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream Fwtr. Sampled By TBA Date 1/13/00
culvert (bridge) other___ Rain started when? _____ Time 3:00 PM
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather _____ @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: 14'6" from bridge rail

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1____ Time #1 7 sec. Distance 1____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream Fwtr. Sampled By TBA Date 1/14/00
culvert___bridge (other) Rain started when? last night Time 10:30 AM
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity_____by____
Stream Width_____ Current weather showers @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes: Flooded - could not get to bridge
Sample taken from outside of flood margin at peak flood

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1____ Time #1_____ Distance 1____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location McCarthy | Sampled by JN | Date 1-
Rain start time _____ | Current weather Showers Scattered | Time 15:12
Peak stage 43" | Current stage 8" | Clearing for 3 hours
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width	10	Low-velocity width	10'
Dist.#1	15'	Time #1 5.11	Dist.#1 15'	Time #1 6.41
Dist.#2		Time #2 5.29	Dist.#2	Time #2
Dist.#3		Time #3 5.35	Dist.#3	Time #3

THURS TUES 1-11-00 2 1-2-

Sketch map of high and low velocity strands:

DIS Sample 12" average depth
10 Cells
Stage gauge reads 8" and is 4'9" down from concrete culvert ceiling
Peak at 3:00 am

Sketch cross-section of channel:

SLOW 1'
8' fast
SLOW

Comments:

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

Location Cloney | Sampled by JN | Date _____
Rain start time _____ | Current weather clearing | Time 15:26
Peak stage _____ | Current stage 3'4" below concrete lip
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

1-11-00 2

High-velocity width		Low-velocity width	
Dist.#1	15'	Time #1 4.91	Dist.#1 15'	Time #1 6.49
Dist.#2		Time #2 5.02	Dist.#2	Time #2
Dist.#3		Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands:

Met Ben and ___ who are measuring discharge for HSU

SLOW 1'
15'
SLOW

Sketch cross-section of channel:

Stage = bolt on stage plate upper 3.20?

Comments: FAST

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

Location GRAHAM GULCH | Sampled by JN | Date _____
Rain start time _____ | Current weather _____ | Time 15:52
Peak stage ↓ 39" | Current stage ↓ 5 1/4"
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

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

Sketch map of high and low velocity strands:

DIS

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Copied 2-4-00

Location 66 | Sampled by JN | Date 1-11-00
Rain start time _____ | Current weather RAIN | Time 16:34
Peak stage _____ | Current stage ↓ 57" → 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:

DIS taken / Vel.
Hach cell taken with seond DIS

Comments: 2 Samples

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

Location FTR | Sampled by JN | Date 1-11-00
Rain start time _____ | Current weather Showers | Time 16:41
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:

Comments:

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

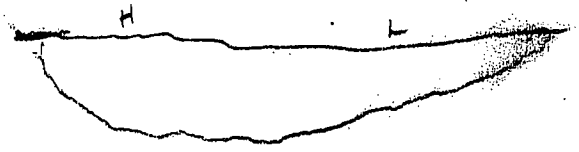
Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1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

copied 2-4-00

Location BRICELAND / REDWOOD CREEK Sampled by [illegible] Date 1/10/00 ✓
Rain start time 1/10/00 Current weather RAINING Time 3:30 PM
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 47.7 NTU's
Measured by Georje
Date/time 1/12/00 12:30 PM

Location REDWOOD CREEK Sampled by [illegible] Date 1/11/00
Rain start time _____ Current weather RAINING Time 6:00 PM
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 25.2 NTU's
Measured by Georje
Date/time 1/12/00 12:30 PM

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 Bridge Sampled by BOB Date 1/14/00
Rain start time _____ Current weather _____ Time 1600
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:

double FF

14 JAN. 1600 Howard Hgts Bridge (BOB)

Comments:

Turbidity 347 NTU's
Measured by HK
Date/time 2/8/00 14:36

Location HH Bridge Sampled by BOB Date 1/15/00
Rain start time _____ Current weather _____ Time 09:00
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:

double FF

Comments: 15 JAN 0900 Howe. Hgts. BRIDGE (BOB)

Turbidity 83.5 NTU's
Measured by HK
Date/time 2/8/00 14:37

Location HH Bridge Sampled by BOB Date 1/16/00
Rain start time _____ Current weather _____ Time 0810
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:

double FF

16 JAN 0810 Howard Hgts. (BOB)

Comments:

Turbidity 133 NTU's
Measured by HK
Date/time 2/8/00 14:39

Location HH Bridge | Sampled by Bob | Date 1/11/00
Rain start time _____ | Current weather _____ | Time 12:00
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:

double F.F.

Comments: 11JAN. 1200 H.H. BRIDGE BOB

Turbidity 297 NTU's
Measured by JC
Date/time 2/8/00 14:31

Location HH Bridge | Sampled by Bob | Date 1/14/00
Rain start time _____ | Current weather _____ | Time 0745
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:

double F.F.

Comments: JAN0745 How. Hgts. Bridge Bob 14°

Turbidity 838 NTU's
Measured by JC
Date/time 2/8/00 14:33

Location HH Bridge | Sampled by Bob | Date 1/14/00
Rain start time _____ | Current weather _____ | Time 1040
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:

double F.F.

MJAN 1040 Howard Hgts Bridge Bob

Comments:

Turbidity 736 NTU's
Measured by JC
Date/time 2/8/00 14:34

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By__________ Page____ of_____

Location__________ stream_____ Sampled By______ Date__________
culvert___bridge___other___ Rain started when? ___________ Time__________
Rising______ or Falling________ and/or Peak stage__________readings Turbidity_______by____
Stream Width______ Current weather _____________ @ date/time_________
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location__________ stream_____ Sampled By______ Date__________
culvert___bridge___other___ Rain started when? ___________ Time__________
Rising______ or Falling________ and/or Peak stage__________readings Turbidity_______by____
Stream Width______ Current weather _____________ @ date/time_________
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location__________ stream_____ Sampled By______ Date__________
culvert___bridge___other___ Rain started when? ___________ Time__________
Rising______ or Falling________ and/or Peak stage__________readings Turbidity_______by____
Stream Width______ Current weather _____________ @ date/time_________
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:
Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1______ Distance 1_____ Time #1______
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

+15,000 ft HH III **Watershed Watch**
Grab Sampling Field Data Sheet
SITE INFO FOR SAMPLE SFK ELK SITES

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page 4 of 4

FSR #2

Location "Old" Faulk Rd site 2 stream +15214 Sampled By MLA AK JN Date ~~1-13-00~~ 1-9-00
culvert ___ bridge ___ other ___ Rain started when? _____ Time _____
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by _____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ___ or culvert invert ___ or sketch x- section, showing depth measurements & locations:
Notes: 2nd culvert up Faulk Rd, 18" in on right w/ blue spray paint and noflow, orange metal culvert marker, inboard ditch rel.

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

FSR #3

Location "Old" Faulk Rd stream #3 +15603 Sampled By MLA AK Date 1-13-00
culvert ___ bridge ___ other ___ Rain started when? _____ Time _____
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by _____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ___ or culvert invert ___ or sketch x- section, showing depth measurements & locations:
Notes: 12" culvert marked by a green metal marker topped by white + orange metal marker, inboard + ephemeral upslope flow

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

FSR #4

Location +15,890 stream "Old" Faulk Rd #4 Sampled By MLA AK JN Date 1-13-00
culvert ___ bridge ___ other ___ Rain started when? _____ Time _____
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by _____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ___ or culvert invert ___ or sketch x- section, showing depth measurements & locations:
Notes: culvert marked on right w/ green marker topped with blue, another topped with yellow. 18" marked with blue spray paint. this culvert has flow coming out on ~~left~~ right under the culvert. Ties, crossing logs under + around culvert on ~~right~~ left

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

samp.field.sheet.11/99/excel/jn

Note: We took pictures of Old Faulk Rd sites, starting on roll 2, # 8, going back down the road to parking lot

+11500 ← (~~||||~~) (~~||||~~ ~~||||~~) (~~||||~~ ~~||||~~) ~~||||~~ |||| → 1 at here, go up road

Watershed Watch
Grab Sampling Field Data Sheet

(~~||||~~ ~~||||~~)

Lab/ data base info: HydroYear 2000 Copied? 9-11-00 By__________ Page 3 of 4

#20

Location +12066 stream______ Sampled By_______ Date 1-9-00
culvert___bridge___other___ Rain started when? __________ Time__________
Rising_______ or Falling_________ and/or Peak stage__________readings Turbidity________by_____
Stream Width_______ Current weather ______________ @ date/time__________
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:

Notes:
"2 ½ mile" spray painted on rock to ~~left~~ right
24" culvert lots of road related flow, culvert on road
to right not installed

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_______ Distance 1_____ Time #1_______
Distance 2 _____ Time #2 ______ Distance 2 _____ Time #2 ______
Distance 3 _____ Time #3 ______ Distance 3 _____ Time #3 ______

#21

Location +14300 stream______ Sampled By_______ Date__________
culvert___bridge___other___ Rain started when? __________ Time__________
Rising_______ or Falling_________ and/or Peak stage__________readings Turbidity________by_____
Stream Width_______ Current weather ______________ @ date/time__________
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:

Notes:
Rt, ~~Left~~, fir w/ a yellow triangle painted on w/ "96" inside
"WLB" below in blue, to the ~~right~~ left, a tree up the bank w/ "F8"
emblazoned in orange and an orange rusty marker
14" culvert, low flow

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_______ Distance 1_____ Time #1_______
Distance 2 _____ Time #2 ______ Distance 2 _____ Time #2 ______
Distance 3 _____ Time #3 ______ Distance 3 _____ Time #3 ______

#22

Location__________ stream______ Sampled By_______ Date__________
culvert___bridge___other___ Rain started when? __________ Time__________
Rising_______ or Falling_________ and/or Peak stage__________readings Turbidity________by_____
Stream Width_______ Current weather ______________ @ date/time__________
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:

Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1_______ Distance 1_____ Time #1_______
Distance 2 _____ Time #2 ______ Distance 2 _____ Time #2 ______
Distance 3 _____ Time #3 ______ Distance 3 _____ Time #3 ______

samp.field.sheet.11/99/excel/jn

egin aulk spur Rd FSR1 crosses +14619 ~ up the ~~road~~-culvert w/ orange post laying down, down from blue/white flagging on right, mostly inboard ditch related

+9000 ft

Watershed Watch
Grab Sampling Field Data Sheet

HTT HTT HTT

Lab/ data base info: HydroYear 2000 Copied?____ By____ HTT Page 2 of 4

#17

Location +9452 stream____ Sampled By____ Date 1-9-00
culvert___bridge___other___ Rain started when? ____ Time____
Rising____ or Falling____ and/or Peak stage____readings Turbidity____by____
Stream Width____ Current weather ____ @ date/time____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:

Notes: Trail Rehab N023, flow is downslope of road, drains ~~right~~ left road and Class II/III drainage above
woody debris / Humboldt crossing remains? culvert mouth to ~~right~~ left is obscured
RX ~~left~~ culvert rusted, severly perched, water flow appears to be under culvert, through openings betw. ties / Humboldt x-sim logs

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1____ Time #1____ Distance 1____ Time #1____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

10,344

Location +10344 stream____ Sampled By____ Date____
culvert___bridge___other___ +10344 Rain started when? ____ Time____
Rising____ or Falling____ and/or Peak stage____readings Turbidity____by____
Stream Width____ Current weather ____ @ date/time____

#18

Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:

Notes: N026 Rehab Site - we added a mud mark on the side to look at stage
54" culvert
upstream of culvert there is a wooden post painted w/ orange and marked "RN55"
* may want to put in a stage gauge here

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1____ Time #1____ Distance 1____ Time #1____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Location +11459 stream____ Sampled By____ Date____
culvert___bridge___other___ Rain started when? ____ Time____
Rising____ or Falling____ and/or Peak stage____readings Turbidity____by____
Stream Width____ Current weather ____ @ date/time____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:

#19

Notes: Dry, 12" culvert at N029 rehab site, inboard ditch flow from road primarily, orange metal stake marks culvert on ~~right~~ left

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____ Low-velocity strand width ____
Distance 1____ Time #1____ Distance 1____ Time #1____
Distance 2 ____ Time #2 ____ Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____ Distance 3 ____ Time #3 ____

Sample Sites

1-9-00 Using measuring tape, 100 ft

Asphalt Road - Left, Right looking up road ~SFElk is to the right

+100 ft - culvert, left

+600 ft - railroad tie, left

+1650 ft - Right poss culvert

+3575 - Asphalt ends

Copied 2-4-00

+3624 ~ Left, culvert - is a site
24 in culvert, ½ in water
tag on inlet
Site #3

+3760 - Left, culvert trail rehab site
Tag to
Site #4
crushed culvert - 24"
low flow

+3880? Left, culvert, no tag
14280'
near in clearing, 18 in
right on / under road
Site #5

+4000? ft Right, down trail to
the SFElk, large maple tree
down steep hillside to the
creek itself
Site #6

+4260 18" culvert
Left, Trail Rehab N003
Site #7a

~+4320 Left, roadside culvert
water pooling above culvert
Site #7b
7.5

~4700 Left, culvert w/ no flow,
not a site yet

+4778 24" culvert
even channel, rusted red
white metal post up bank left of culvert
Big maple on the right
up trail from N005 trail rehab flag
carrying a lot of sediment down
Site #8

+5275 - hole in road

+5451 24" in culvert
½ - ¾ in depth water
N008 trail rehab site, road ditches coming in
- before town of Faulk, @ 1.0 mile
Site #9

might have #9a to account for road ditch sep.

+5975 18" in culvert, pink blue yellow
N009 trail rehab, flagging on nails to metal stake
from Class II
Site #10

+6037 18" culvert, lots of Equisetum
big maple to right
Site #11

~+6500 (right) 24" culvert, coming
~+6525 (left) out of right side of
road the culvert is in 2 sections
connected w/ a bracket, sloped at +4%
down slope, perched above a pool,
waterfall above the culvert on left
Site #12

+6424 white reflector tape on
? right, some blue + white flagging
?7424 road related water course flow,
18" culvert, perched extremely on right
landslide, erosion on left bank above
culvert
Site #13

+8228 culvert filled with rocks
18 in, road ditch drainage
Site #14

+8266 culvert
Site 15

+8485
Site #16

Location NR 703 Jeeley | Sampled by George | Date 1/31/00
Rain start time 2 AM 1/30/00 | Current weather Cold Rainy | Time 13:12
Peak stage _____ | Current stage 46 1/2"
Culvert size 48" | Culvert flow depth _____ | Culvert invert 46 1/2"

High-velocity width		Low-velocity width	
Dist.#1	30' Time #1 6.65	Dist.#1	Time #1
Dist.#2	30 Time #2 9.88	Dist.#2	Time #2
Dist.#3	30 Time #3 6.19	Dist.#3	Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity 16.2 NTU's
Measured by George
Date/time 1/31/00 14:10

Location Bill Hill Seeley | Sampled by George | Date 1/31/00
Rain start time 2AM 1/30 | Current weather Rainy | Time 13:25
Peak stage _____ | Current stage 53 1/2"
Culvert size 6' | Culvert flow depth _____ | Culvert invert 53 1/2"

High-velocity width		Low-velocity width	
Dist.#1	40' Time #1 8.25	Dist.#1	Time #1
Dist.#2	40' Time #2 7.38	Dist.#2	Time #2
Dist.#3	40' Time #3 7.84	Dist.#3	Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity 81.2 NTU's
Measured by George
Date/time 1/31/00 14:10

Location JY Seely | Sampled by George | Date 1/31/00
Rain start time 2AM 1/30/00 | Current weather Rain | Time 13:48
Peak stage _____ | Current stage 148"
Culvert size Bridge | Culvert flow depth _____ | Culvert invert 148"

High-velocity width		Low-velocity width	
Dist.#1	18' Time #1 3.21	Dist.#1	Time #1
Dist.#2	18' Time #2 2.41	Dist.#2	Time #2
Dist.#3	18' Time #3 2.19	Dist.#3	Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity 55.6 NTU's
Measured by G.H
Date/time 1/31/00 14:11

Location Amos | Sampled by George | Date 1/5/00
Rain start time AM Early 2/5/00 | Current weather Rain | Time 12:00 PM
Peak stage _____ | Current stage _____
Culvert size 48" | Culvert flow depth _____ | Culvert invert 47"
High-velocity width 15" | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: No Stop watch

Turbidity 7.95 NTU's
Measured by G H
Date/time 2/5/00

Location Bills hill/ Seeley | Sampled by G H | Date 2/5/00
Rain start time Early AM 2/5/00 | Current weather Rain | Time 12:05
Peak stage _____ | Current stage _____
Culvert size 6" | Culvert flow depth _____ | Culvert invert 57"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: No Stop watch
Stage Guage defunct

Turbidity 57.1 NTU's
Measured by G H
Date/time 2/5/00

Location Junk Yd. Seeley | Sampled by G H | Date 2/5/00
Rain start time Early Am 2/5/00 | Current weather Rain | Time 12/25/00
Peak stage _____ | Current stage Ridge
Culvert size _____ | Culvert flow depth _____ | ~~Culvert~~ Invert 131"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: NO Stop watch

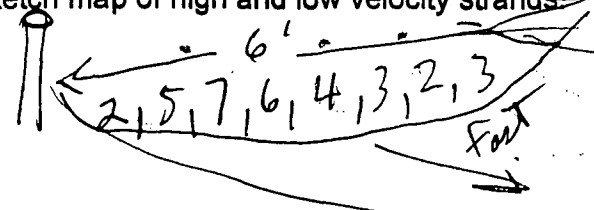
Turbidity 49.6 NTU's
Measured by G H
Date/time 2/5/00

Copies 2-4-98

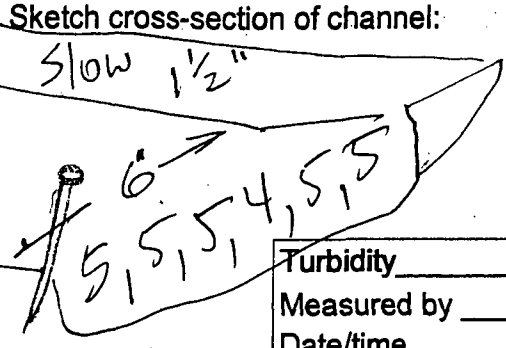
Location Seeley Bridge | Sampled by JN | Date 1-1-98
Rain start time _____ | Current weather _____ | Time 18:23
Peak stage _____ | Current stage 14.0' Below deck (14'2" below treadrunners)
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 6' Time #1 7.62 | Dist.#1 _____ Time #1 _____
Dist.#2 6' Time #2 9.49 | Dist.#2 _____ Time #2 _____
Dist.#3 6' Time #3 7.69 | 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

Copied 2-4-00

Location Seeley NRd. Sampled by JN Date 17:11
Rain start time NOON Current weather DRIZZLE Time 1-1-00
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:

Photo #4 120 paces below #3 MAIN Rd Blue Shale Rock Ditch exposed Soil

240 paces drain into ditch at this point

Comments: 2/3 of Flow = DIS (MILK) Bottle filled to 1/4" above paint (WRITING surface) in 3:45 Seconds

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

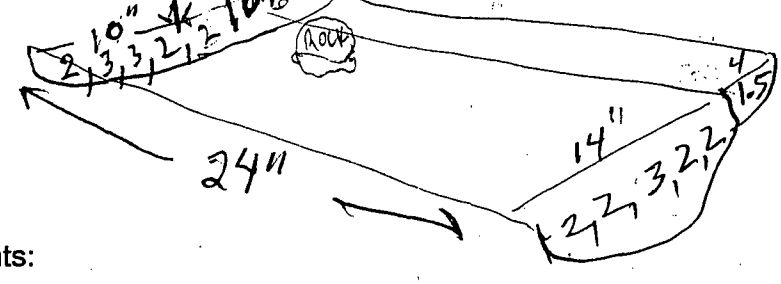
Location Seeley SUS (SUSANS CV) Sampled by JN Date 1-1-00
Rain start time NOON Current weather NO RAIN Time 17:20
Peak stage _____ Current stage _____
Culvert size 24" Culvert flow depth -0- Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Plastic (pint?) bottle in 2.44 Seconds
half Liter?

Comments:

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

Location Seeley @ SKLINE Sampled by _____ Date 1-1-00
Rain start time _____ Current weather _____ Time 17:40
Peak stage _____ Current stage 3"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 14" Low-velocity width 4"
Dist.#1 24" Time #1 1.56 Dist.#1 12" Time #1 1.54
Dist.#2 24" Time #2 1.63 Dist.#2 12" Time #2 1.43
Dist.#3 24" Time #3 1.36 Dist.#3 12" Time #3 2.09
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

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

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 2-4-00 By _____ Page _____ of _____

Location N Rd stream Seeley Sampled By JN Date 1-1-00
culvert ___ bridge ___ other ditch Rain started when? NOON Time 16:40
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by _____
Stream Width _____ Current weather NO RAIN @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:

Notes: Ridge top UN ROCKED road in Photo 1. Location: at pt where ridge road heads downhill into CLASS II (drains to Salmon creek) (above pond) (1/4 mile)
1 pint 6 Second (DIS for ½ FULL) Blue Shale rock

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Location N Rd stream Seeley Sampled By JN Date 1-1-00
culvert ___ bridge ___ other ___ Rain started when? NOON Time 16:50
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by _____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:

Notes: Main road, 100 paces from top (60 paces below Photo pt 1
Phot 2 is of main road @ 30 paces (adj. to Photo 1)

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Location N Rd stream Seeley Sampled By JN Date 1-1-00
culvert ___ bridge ___ other ___ Rain started when? NOON Time 17:06
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by _____
Stream Width _____ Current weather _____ @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:

Notes: #3 photo, est 400 paces above Y with So. Rd
This sample get drainage from 120 paces above
Rocked MAIN Rd (blue shale rock)

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1 _____	Time #1 _____	Distance 1 _____	Time #1 _____
Distance 2 _____	Time #2 _____	Distance 2 _____	Time #2 _____
Distance 3 _____	Time #3 _____	Distance 3 _____	Time #3 _____

Rain start time mid morn | Current weather 6 hours | Time 21:46
Peak stage 4" | Current stage 3"
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____

High-velocity width		Low-velocity width	
Dist.#1 20'	Time #1 16.7	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:

Comments:

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

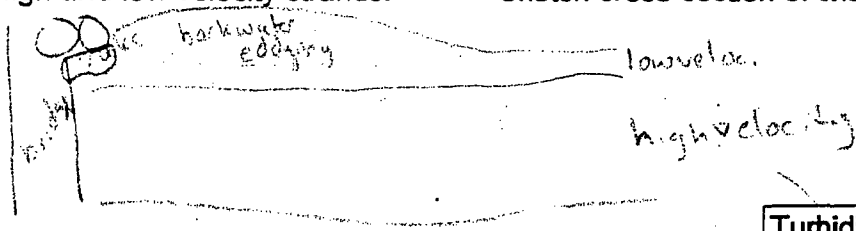
Location JGC | Sampled by MLA | Date 2-14-00
Rain start time 16:00 2-13-00 | Current weather tapering showers/rain | Time 12:41
Peak stage 9" | Current stage 6"
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____

High-velocity width 2.5 m			Low-velocity width 0.3 m		
Dist.#1 20'	Time #1 6.25		Dist.#1 20'	Time #1 13.10	
Dist.#2 20'	Time #2 5.87	> 6.03	Dist.#2 20'	Time #2 10.63	> 12.8
Dist.#3 20'	Time #3 5.97		Dist.#3 20'	Time #3 14.78	

2.8 m across

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

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

Location JGC | Sampled by MLA | Date 2-14-00
Rain start time 16:00 2-13-00 | Current weather rain | Time 13:01
Peak stage 9" | Current stage 6½"
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____

High-velocity width			Low-velocity width		
Dist.#1 20'	Time #1 6.22		Dist.#1 20'	Time #1 13.63	
Dist.#2 20'	Time #2 6.03	> 5.97	Dist.#2 20'	Time #2 10.97	> 11.79
Dist.#3 20'	Time #3 5.66		Dist.#3 20'	Time #3 10.74	

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

see above - same

Comments:

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

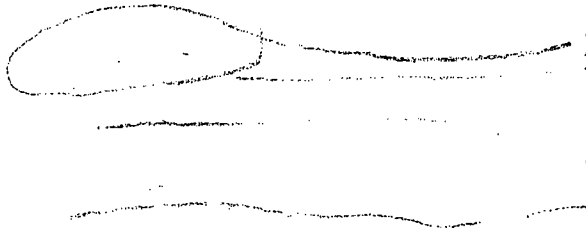
Rain start time [illegible] Current weather [illegible] Time 16:62

Peak stage 9" Current stage 5"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width	1.6 m			Low-velocity width	0.8 m		
Dist.#1	20'	Time #1	8.21	Dist.#1	20'	Time #1	19.78 – slowest
Dist.#2	20'	Time #2	8.22	Dist.#2	20'	Time #2	11.0
Dist.#3	20'	Time #3	8.18	Dist.#3	20'	Time #3	11.31
			> 8.2				> 14.03

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

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

Location JGC Sampled by MLA Date 2-27-00

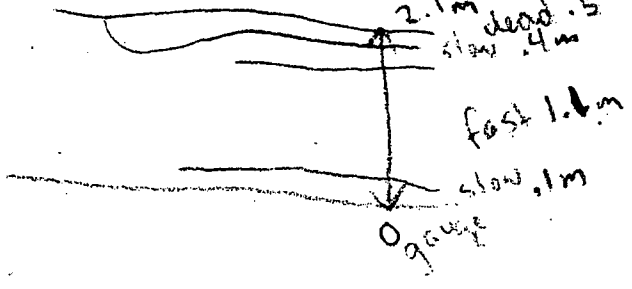
Rain start time 10:00 am – 8:[illegible] 30 + last night Current weather rain (less intense) Time 12:15

Peak stage 4½ (last night) Current stage 3

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width	1.1 m			Low-velocity width	.5m		
Dist.#1	20'	Time #1	12 Sec	Dist.#1	20'	Time #1	14
Dist.#2	20'	Time #2	13 Sec	Dist.#2	20'	Time #2	15
Dist.#3	20'	Time #3	11 Sec	Dist.#3	20'	Time #3	16

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

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

Location JGC Sampled by MLF Date 2-29-00

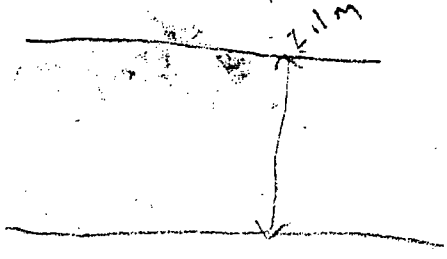
Rain start time 18:00 last night Current weather rain Time 08:15 am

Peak stage 4½" Current stage 4¼"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width				Low-velocity width			
Dist.#1	20'	Time #1	8.25	Dist.#1	20'	Time #1	13.43
Dist.#2		Time #2	8.47	Dist.#2		Time #2	14.08
Dist.#3		Time #3	8.84	Dist.#3		Time #3	14.13

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 TSa | Date 4/17/00
Rain start time showers x 2 days | Current weather cloudy | Time 10:00 AM
Peak stage now? may have been earlier (+ rain last night) | Current stage 13'9"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	Time #1 5.3 sec	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 5.4 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:

Comments: no rain for a long time before this storm - creek had been extremely low.

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:

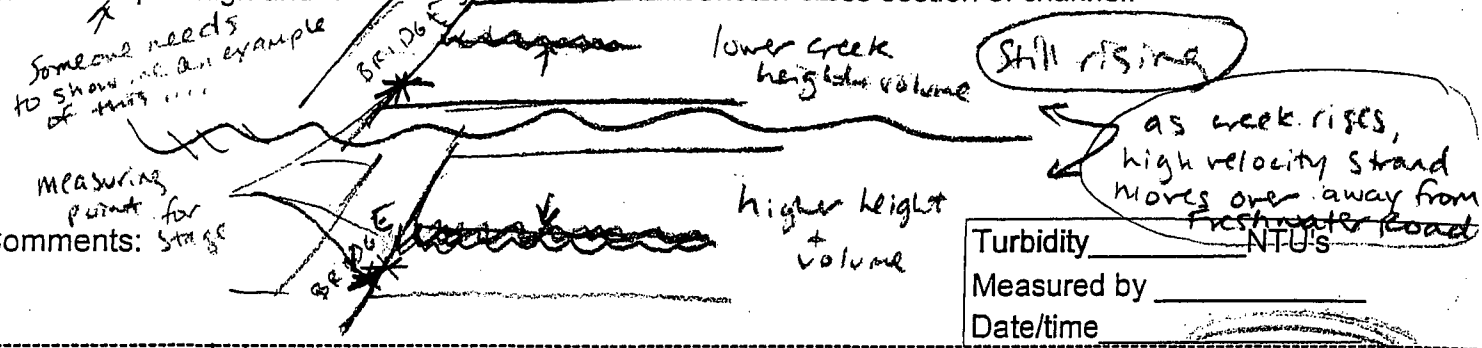
Turbidity _____ NTU's
Measured by _____
Date/time

copied 6-17-00

Location Freshwater - HH | Sampled by Tisa | Date 2/29/00
Rain start time last night - | Current weather showers off + on | Time 10:15 AM
Peak stage ? | Current stage 12'0" from bridge rail
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width		Low-velocity width	
Dist.#1 ____	Time #1 3.9 sec	Dist.#1 ____	Time #1 ____
Dist.#2 ____	Time #2 4.1 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:

Comments:

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

Location HH | Sampled by Tisa | Date 2/28/00
Rain start time ____ | Current weather clearing - storm on the way. | Time 3:45 PM
Peak stage falling now | Current stage 12'9 1/2" from bridge rail
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width		Low-velocity width	
Dist.#1 ____	Time #1 4.8 sec	Dist.#1 ____	Time #1 ____
Dist.#2 ____	Time #2 5.2 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:

Comments:

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

Location HH | Sampled by Tisa | Date 2/29/00
Rain start time last night | Current weather clearing | Time 3:00PM
Peak stage doesn't look like it - | Current stage 11'9" from rail
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width		Low-velocity width	
Dist.#1 ____	Time #1 3.8 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:

Comments:

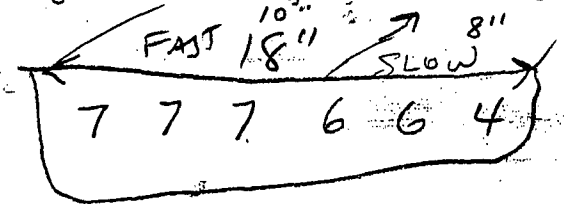
Turbidity ____ NTU's
Measured by ____
Date/time ____

copies 3-8-00

Location #7 SFE No Rd ditch water IN Sample | Sampled by JN HR | Date 2-29-00
Rain start time _____ | Current weather _____ | Time 11:16
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 4	Time #1 3.39	Dist.#1 4	Time #1 4.69
Dist.#2 4	Time #2 2.54	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

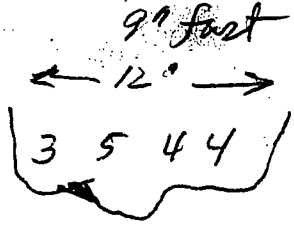
Comments:

Turbidity 451 NTU's
Measured by JN
Date/time 3-1-00 @ 0:14

Location MAPLE #8? | Sampled by JN | Date 2-29-00
Rain start time _____ | Current weather Overcast | Time 11:29
Peak stage _____ | Current stage Falling
Culvert size 24" Culvert flow depth 4" Culvert invert ↓20"

High-velocity width		Low-velocity width	
Dist.#1 4	Time #1 1.70	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 1.79	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 1.73	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

Turbidity 419 NTU's
Measured by JN
Date/time 3-1-00 @ 0:16

Location H4 | Sampled by JN | Date 2-28-00
Rain start time _____ | Current weather _____ | Time 18:23
Peak stage _____ | Current stage FALLING ↓ 12' 11" rain
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 THRU	Time #1 6.44 sec	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Yes, THIS IS correct date

Sketch map of high and low velocity strands:

SEE DISCHARGE SHEET

Sketch cross-section of channel:

Comments:

Turbidity 89.4 NTU's
Measured by JN
Date/time 2-29-00 @ 23:23

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By _____ Page 3 of 3

Location SFTV Rd stream Surprise 1 Sampled By EB Date 3/27/00
culvert ✓ bridge ___ other ___ Rain started when? 9:30 AM Time 2:07 PM
Rising _____ or Falling _____ and/or Peak stage ✓ readings Turbidity _____ by ____
Stream Width 3' Current weather rain stopped @ date/time _____
Depth reading 6" or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: Class II, yr-round, 4' culvert - clear, fast, pristine forested above - you could drink it

See photo

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 3'
Distance 1 6' Time #1 01:75
Distance 2 6' Time #2 02:00
Distance 3 6' Time #3 01:97

Low-velocity strand width _____
Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____

Location SFTV Rd stream Surprise 2 Sampled By EB Date 3/27
culvert ___ bridge ___ other ___ Rain started when? 9:30 AM Time 2:22 PM
Rising _____ or Falling _____ and/or Peak stage ✓ readings Turbidity _____ by ____
Stream Width 4-6' Current weather _____ @ date/time _____
Depth reading 10" or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: Class II, yr-round, 5' culvert, culvert overgrown w/vines, hard to access Very clear, pristine, forested watershed above - looks drinkable

See photo

Very hard to gauge - did not do

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width very very fast, entire width -
Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____

Low-velocity strand width _____
Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____

Location SFTV stream ditch (D) Sampled By EB Date 3/27/00
culvert ___ bridge ___ other roadside Rain started when? 9:30 AM Time 1:30
Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity 11.6 by ____
Stream Width 6" Current weather _____ @ date/time 3/28-20:16
Depth reading 1.5" or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes: Ditch along road near dwellings - beyond Jurand's -

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____
Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____

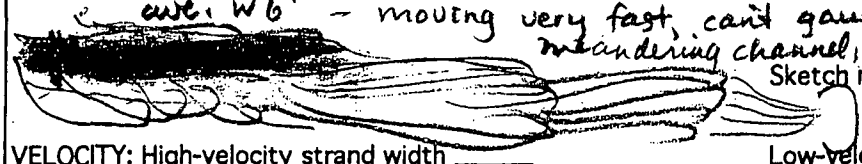
Low-velocity strand width _____
Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By EB Page 2 of 3

Location SFTr Rd stream Holmes Sampled By EB Date 2/27/00
culvert ✓ bridge___other___ Rain started when? 9:30 AM Time 12:32 PM
Rising_____ or Falling_____ and/or Peak stage ✓ readings Turbidity_____by_____
Stream Width 8' Current weather RAIN @ date/time_____
Depth reading 8" or culvert invert_____or sketch x- section, showing depth measurements & locations:

Notes: SFT-Ho - Culvert 40", by Holmes driveway - Class II - III, not surveyed year round
large cr., 10' wide in places, shallow - @ 8' ave. depth = 4 - 5"
ave. W 6' - moving very fast, can't gauge low velocity strand
meandering channel, rocked steps + pools



Sketch map of high and low velocity strands:
Either fast or deadwater

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 10' Time #1 02:01 Distance 1_____ Time #1_____
Distance 2 10' Time #2 01:92 Distance 2_____ Time #2_____
Distance 3 10' Time #3 02:21 Distance 3_____ Time #3_____

Location SFTr Rd. stream Jurand Sampled By EB Date 2/27/00
culvert ✓ bridge___other___ Rain started when? 9:30 AM Time 1:05 PM
Rising_____ or Falling_____ and/or Peak stage ✓ readings Turbidity_____by_____
Stream Width 4' Current weather Light rain @ date/time_____
Depth reading 8" or culvert invert_____or sketch x- section, showing depth measurements & locations:

Notes: year-round Class II, Culvert 36" - coming out of steep forested mtn-
Used to be water supply to Jurand Ranch
very fast, steep, very clear

see photo

Sketch map of high and low velocity strands:
Could not gauge low velocity -

VELOCITY: High-velocity strand width _____ Low-velocity strand width ~~deadwater~~
Distance 1 8' Time #1 02:94 Distance 1_____ Time #1_____
Distance 2 8' Time #2 02:52 Distance 2_____ Time #2_____
Distance 3_____ Time #3_____ Distance 3_____ Time #3_____

Location SFTr Rd stream T-5 Sampled By EB Date 2/27
culvert ✓ bridge___other___ Rain started when? 9:30 Am Time 1:45 PM
Rising_____ or Falling_____ and/or Peak stage ✓ readings Turbidity_____by_____
Stream Width 5' Current weather RAIN @ date/time_____
Depth reading 8" or culvert invert_____or sketch x- section, showing depth measurements & locations:

Notes: Class III, Between Todd Ranch + Surprise Cr. after SFTr Rd
becomes dirt. Huge culvert - 5' - new-ish -
Stream fast, clear, mossy stepped rocks, ave. W 3-5', ave. depth 7"-8"

See photo orange ▽ marker

Sketch map of high and low velocity strands:
not do-able

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1 8' Time #1 01.92 Distance 1_____ Time #1_____
Distance 2 8' Time #2 01:91 Distance 2_____ Time #2_____
Distance 3_____ Time #3_____ Distance 3_____ Time #3_____

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By _____ Page 1 of 3

Location SFTR stream MAINSTEM Sampled By EB Date 2/27/00
culvert___bridge___other ✓ shore Rain started when? 5PM 2/26 Time 8AM
Rising_____ or Falling ✓ and/or Peak stage Peak 6AM readings Turbidity_____by____
Stream Width_____ Current weather RAIN @ date/time_____
Depth reading____or culvert invert____or sketch x- section, showing depth measurements & locations:

Notes: The sample was taken after the peak of the storm - the river rose 6 feet between Sat. afternoon + Sun. morn - river reached its highest point about 5-6 AM, had receded 4-6 inches by 8 AM - warm storm, snow melt - hard rain 5-8 PM, midnite - 4 PM. Color of mud very grey - serpentine silt - Sample taken from rocks under bridge. See photos

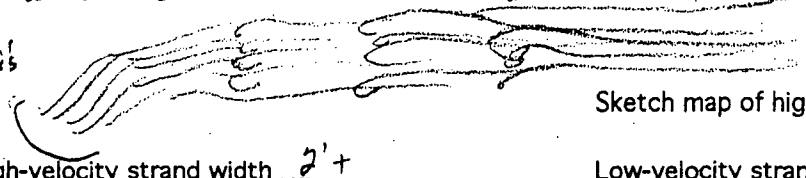
Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____

Distance 1_____ Time #1_____ Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location SFTR Rd. stream SP1B Sampled By EB Date 2/27/00
culvert___bridge___other___ Rain started when? 9:30 AM. Time 11:45 AM
Rising_____ or Falling_____ and/or Peak stage ✓ readings Turbidity_____by____
Stream Width ave. 4' Current weather RAIN @ date/time_____
Depth reading 7" or culvert invert____or sketch x- section, showing depth measurements & locations:

Notes: Class III, 36" culvert - along So Fk Rd at edge of SP1 B-yr. old cut an B is written on the road - gentle slope, w/ rocks, water rushing before conchas



Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 2'+ Low-velocity strand width 8"-12" varied
Distance 1 8' Time #1 02:13 Distance 1 8' Time #1 03:39
Distance 2 8' Time #2 02:34 Distance 2 8' Time #2 04:26
Distance 3 8' Time #3 02:01 Distance 3 _____ Time #3 _____

Location SFTR Rd stream SP1B.5 Sampled By EB Date 2/27/00
culvert ✓ bridge___other___ Rain started when? 9:30 Am Time 12:07
Rising_____ or Falling_____ and/or Peak stage ✓ readings Turbidity_____by____
Stream Width 40"+- Current weather RAIN @ date/time_____
Depth reading 6" or culvert invert____or sketch x- section, showing depth measurements & locations:

Notes: Class III, same cut block as SP1B 36" culvert, streams flows thru middle of cut - was planted in ~~93~~ 93, poor success

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 3½"+- Low-velocity strand width 6"+-
Distance 1 8' Time #1 03:31 Distance 1 8' Time #1 04:28
Distance 2 8' Time #2 03:08 Distance 2 10' Time #2 05:26
Distance 3 8' Time #3 03:39 Distance 3 _____ Time #3 _____

Location AMOS Sty | Sampled by GH | Date 2/27/00
Rain start time 2/25 10PM | Current weather Showers | Time 12:40 PM
Peak stage ____ | Current stage ____
Culvert size 48" | Culvert flow depth ____ | Culvert invert 49 3/4"
High-velocity width 32" | Low-velocity width ____
Dist.#1 15' | Time #1 5.79 | Dist.#1 ____ | Time #1 ____
Dist.#2 15' | Time #2 4.50 | Dist.#2 ____ | Time #2 ____
Dist.#3 15' | Time #3 4.87 | Dist.#3 ____ | Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 213 NTU's
Measured by GH
Date/time 2/28 3:15

Location Rills Hill Sty | Sampled by GH | Date 2/27
Rain start time 2/25 10PM | Current weather SHOWERS | Time 12:21 PM
Peak stage ____ | Current stage ____
Culvert size 48" | Culvert flow depth ____ | Culvert invert 41"
High-velocity width ____ | Low-velocity width ____
Dist.#1 40' | Time #1 5.47 | Dist.#1 ____ | Time #1 ____
Dist.#2 40' | Time #2 6.00 | Dist.#2 ____ | Time #2 ____
Dist.#3 40 | Time #3 6.00 | Dist.#3 ____ | Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 211 NTU's
Measured by GH
Date/time 2/28 3:15

Location Junkyd Seeley | Sampled by GH | Date 2/27/00
Rain start time 2/25 10 PM | Current weather OVERCAST | Time 12:45 PM
Peak stage ____ | Current stage ____
~~Culvert~~ size Bridge | Culvert flow depth ____ | Culvert invert 135"
High-velocity width 126" | Low-velocity width ____
Dist.#1 18' | Time #1 2.41 | Dist.#1 ____ | Time #1 ____
Dist.#2 ____ | Time #2 2.13 | Dist.#2 ____ | Time #2 ____
Dist.#3 ____ | Time #3 1.91 | Dist.#3 ____ | Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 225 NTU's
Measured by GH
Date/time 2/28 3:15

Location Junkie Seeley | Sampled by GH | Date 2/28
Rain start time _____ | Current weather OVERCAST | Time 4:47 PM
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert 153 =
High-velocity width 11'
Dist.#1 18' Time #1 03.00
Dist.#2 18' Time #2 02.25
Dist.#3 18' Time #3 03.06
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: Hasn't rained for 12 hrs
I want to see how much the turbidity has dropped

Turbidity 23.9 NTU's
Measured by GH
Date/time 3/2/00

Location Bills Hill Seely | Sampled by GH | Date 2/28
Rain start time _____ | Current weather OVERCAST | Time 5:17 PM
Peak stage _____ | Current stage _____
Culvert size [redacted] Culvert flow depth _____ Culvert invert 57 1/2 =
High-velocity width _____
Dist.#1 40' Time #1 8.38
Dist.#2 _____ Time #2 9.56
Dist.#3 _____ Time #3 9.39
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: Bills hill Sample in [redacted] Clear
with no white around the top

Turbidity 15.6 NTU's
Measured by GH
Date/time 3/2/00

Location Jim Koch Creek | Sampled by Victoria | Date 2/26
Rain start time 16:30 | Current weather Pouring | Time 20:30
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert 57 =
High-velocity width 34"
Dist.#1 9' Time #1 25sec
Dist.#2 9' Time #2 2
Dist.#3 9' Time #3 1
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 13.6 NTU's
Measured by GH
Date/time 2/28 3:15 PM

Location SF EIK @ #2 KIOSK Sampled by JN Date 2-29-00
Rain start time _____ Current weather Rain Time 9:59
Peak stage rising or peak Current stage @ 8'9" top rail,
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 8' Low-velocity width 3' + 7'-8'
Dist.#1 10 Time #1 3.01 Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 5.50 Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 4.42 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

See Discharge sheet

Comments:

Turbidity 195 NTU's
Measured by JN
Date/time 3-1-00 @ 0:27

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:

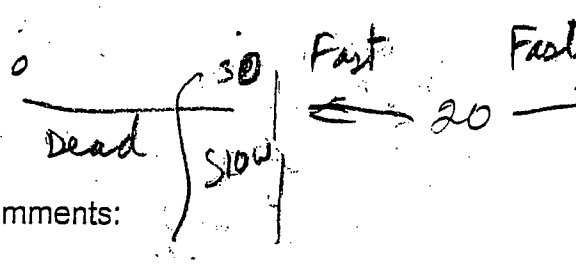
Comments:

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

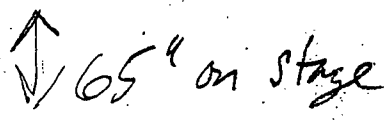
Location NF Elk | Sampled by JN | Date 2-29-00
Rain start time last nite | Current weather RAIN SHOWERS | Time 8:57
Peak stage _____ | Current stage RISING
Culvert size _____ Culvert flow depth _____ | Culvert invert ↓ 10'8" guard rail

High-velocity width		Low-velocity width	
Dist.#1 21	Time #1 9.87	Dist.#1 21	Time #1 28.15
Dist.#2 _____	Time #2 _____	Dist.#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 175 NTU's
Measured by JN
Date/time 3-5-00 @ 14:22

Location ASPHALT/Concrete SFE #4 | Sampled by JN | Date 2-29-00
Rain start time _____ | Current weather Clearing | Time 11:00
Peak stage _____ | Current stage Falling
Culvert size 18 Culvert flow depth 10" | Culvert invert 8" Concrete

High-velocity width		Low-velocity width	
Dist.#1 25'	Time #1 5.76	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

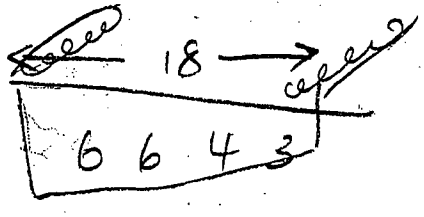
Comments:

Turbidity 107 NTU's
Measured by JN
Date/time 2-29-00 @ 11:16

Location #3 SFE | Sampled by JN HR | Date 2-29-00
Rain start time last nite-to AM | Current weather OVERCAST | Time 11:09
Peak stage _____ | Current stage Falling
Culvert size 24" Culvert flow depth _____ | Culvert invert ↓ 1'8"

High-velocity width		Low-velocity width	
Dist.#1 40'	Time #1 9.02 (CV)	Dist.#1 _____	Time #1 _____
Dist.#2 1	Time #2 1.18 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:

Comments:

Turbidity 148 NTU's
Measured by JN
Date/time 3-1-00 @ 0:17

Location Cloney Gulch, Freshwater Sampled by JN Date 2-28-00
Rain start time _____ Current weather _____ Time 18:36
Peak stage _____ Current stage ↓3'10" Concrete line, Falling 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:

Surface sample in DIS Bottle

Comments:

Turbidity 51.6 NTU's
Measured by JN
Date/time 2-29-00 @ 24:03

Location McCready Freshwater Sampled by JN Date 2-28-00
Rain start time _____ Current weather _____ Time 15:18
Peak stage _____ Current stage ↓5'4" from CV ceiling
Culvert size _____ Culvert flow depth 8" Culvert invert 5'4"

High-velocity width _____	Low-velocity width _____
Dist.#1 15' Time #1 5.24	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

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

Surface in DIS Bottle

Comments:

Turbidity 37.9 NTU's
Measured by JN
Date/time 2-29-00 @ 24:07

Location TOM'S S F ELK 0.5 Sampled by JN Date 2-29-00
Rain start time last night Current weather Clearing Time 10:06
Peak stage _____ Current stage Falling or Peak ↓ 9'3"
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:

See Discharge sheet

Comments:

Turbidity > 1000 NTU's
Measured by JN
Date/time 3-1-00 @ 0:25

Location SF EIK #18 Sampled by JN Date 2-26-00
Rain start time _____ Current weather Very hard rain began @ 18:15 Time 18:20
Peak stage _____ Current stage _____
Culvert size 53" Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

overland flow on Rd surface past #18, water pouring off cutbanks, inside ditches filled to capacity — unfortunately have no spare bottles. Culverts next 2½ miles all very turbid and most are at 1/2 - 2/3 full. Shower ends by 18:40

Comments:

Turbidity 76.7 NTU's
Measured by JN
Date/time 2-27-00 @ 18:37

Location GG GRAHAM Gulch Sampled by JN Date 2-26-00
Rain start time Nite before heavy shower @ 18:00 Current weather DRIZZLE Time 21:04
Peak stage FALLING Current stage ↓54"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 sheets for previous gauging & RATING CURVE FOR 2000

2X6 Bottle @ Surface

Comments:

Turbidity 254 NTU's
Measured by JN
Date/time 2-27-00 @ 19:35

Location GG FRESHWATER Sampled by JN Date 2-26-00
Rain start time See ABOVE Current weather _____ Time 21:05
Peak stage _____ Current stage ↓54"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

DIS across stream All stations

Comments:

Turbidity 258 NTU's
Measured by JN
Date/time 2-27-00 @ 19:39

Location McCready | Sampled by JC | Date 2-29-00
Rain start time 6 AM - 830 AM | Current weather no rain | Time 20:40
Peak stage _____ | Current stage 79 1/2" to top center of culvert
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

2407

Comments:

Turbidity 74.4 NTU's
Measured by JC
Date/time 2-29-00 23:07

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:

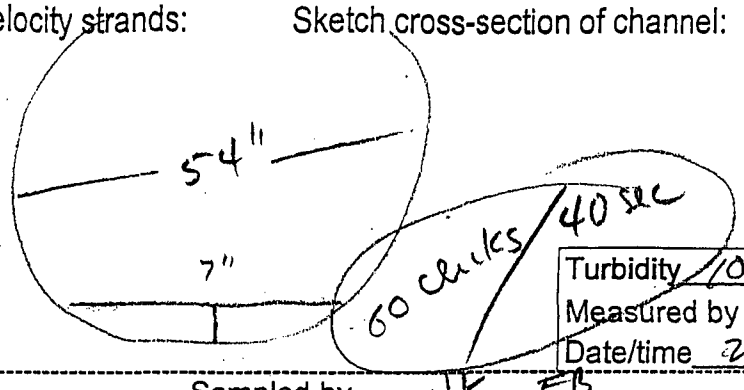
Turbidity _____ NTU's
Measured by _____
Date/time _____

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 Ave of Giants 22.12 mm | Sampled by JK EB | Date 2-26-00
Rain start time _____ | Current weather Rain | Time 16:55
Peak stage _____ | Current stage _____
Culvert size 54" | Culvert flow depth 7" | Culvert invert 47"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
2½x7
Sketch map of high and low velocity strands: 60/40
Sketch cross-section of channel:



Comments:
Turbidity 10.7 NTU's
Measured by JK
Date/time 2-29-00 22:23

Location Chad Creek | Sampled by JK EB | Date 2-26-00
Rain start time 15:00 | Current weather Rain | Time 1720
Peak stage _____ | Current stage _____
Culvert size 9' | Culvert flow depth 20" | Culvert invert 47"
2½x7
High-velocity width _____ | Low-velocity width _____
Dist.#1 93' Time #1 10:10 | Dist.#1 _____ Time #1 _____
Dist.#2 " Time #2 10:32 | Dist.#2 _____ Time #2 _____
Dist.#3 " Time #3 11:06 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:
Turbidity 108 NTU's
Measured by JK
Date/time 2-29-00 22:20

Location Cloney | Sampled by JK | Date 2-29-00
Rain start time 6 AM – 8:30 AM | Current weather no rain | Time 10:50
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth _____ | Culvert invert 34 3/4" from crown to water
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
2½x7
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:
Turbidity 86.7 NTU's
Measured by JK
Date/time 2-29-00 23:01

Watershed Watch

Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 6-17-00 By _____ Page 2 of 2

Location Howard Hill stream Freshwater Sampled By Bob Date 18 April

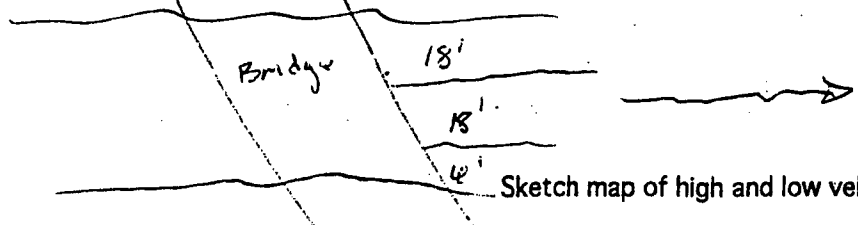
culvert ___ bridge X other ___ Rain started when? _____ Time 0640

Rising _____ or Falling 13'-10" and/or Peak stage _____ readings Turbidity _____ by ____

Stream Width 42' Current weather cloudy @ date/time _____

Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:

Notes:



Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 18'

Distance 1 _____ Time #1 _____

Distance 2 _____ Time #2 _____ } 5.4

Distance 3 _____ Time #3 _____

Low-velocity strand width 6'

Distance 1 _____ Time #1 _____

Distance 2 _____ Time #2 _____ } 16.9

Distance 3 _____ Time #3 _____

Location _____ stream _____ Sampled By _____ Date _____

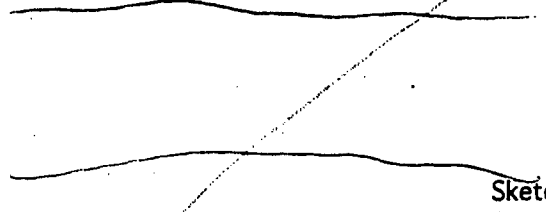
culvert ___ bridge ___ other ___ Rain started when? _____ Time _____

Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by ____

Stream Width _____ Current weather _____ @ date/time _____

Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:

Notes:



Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____

Distance 1 _____ Time #1 _____

Distance 2 _____ Time #2 _____ } 5.4

Distance 3 _____ Time #3 _____

Low-velocity strand width _____

Distance 1 _____ Time #1 _____

Distance 2 _____ Time #2 _____ } 16.9

Distance 3 _____ Time #3 _____

Location _____ stream _____ Sampled By _____ Date _____

culvert ___ bridge ___ other ___ Rain started when? _____ Time _____

Rising _____ or Falling _____ and/or Peak stage _____ readings Turbidity _____ by ____

Stream Width _____ Current weather _____ @ date/time _____

Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:

Notes:

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____

Distance 1 _____ Time #1 _____

Distance 2 _____ Time #2 _____

Distance 3 _____ Time #3 _____

Low-velocity strand width _____

Distance 1 _____ Time #1 _____

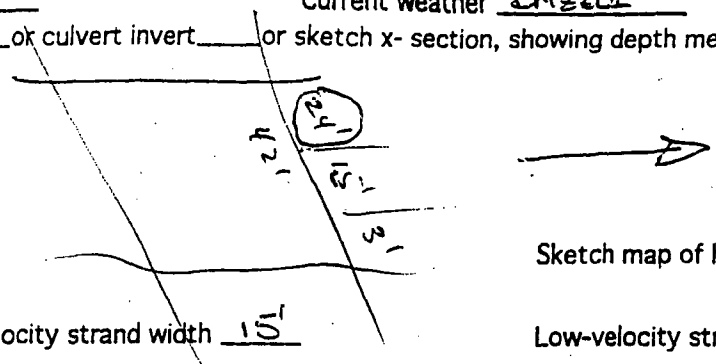
Distance 2 _____ Time #2 _____

Distance 3 _____ Time #3 _____

Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 6-17-00 By _____ Page 1 of 2

Location Howard Hgts stream Freshwater Sampled By BJB Date 26 Feb 2000
culvert ___ bridge X other ___ Rain started when? _____ Time 0745
Rising? 14'-11" or Falling _____ and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width 42' Current weather Drizzle @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

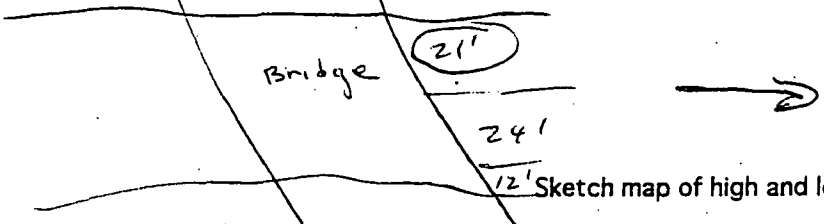


Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 15' Low-velocity strand width 24'

Distance 1 ____	Time #1 ____	10.55 sec	Distance 1 ____	Time #1 ____	18.9
Distance 2 ____	Time #2 ____		Distance 2 ____	Time #2 ____	
Distance 3 ____	Time #3 ____		Distance 3 ____	Time #3 ____	

Location H.H. stream Freshwater Sampled By BJB Date 27 Feb
culvert ___ bridge X other ___ Rain started when? _____ Time 0725
Rising _____ or Falling? 13'-3" and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width 57' Current weather cloudy @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:

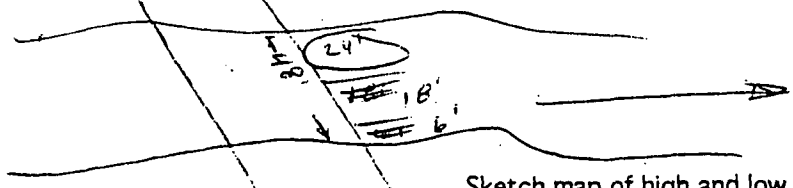


Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 24' Low-velocity strand width 21'

Distance 1 ____	Time #1 ____	4.8	Distance 1 ____	Time #1 ____	25.0
Distance 2 ____	Time #2 ____		Distance 2 ____	Time #2 ____	
Distance 3 ____	Time #3 ____		Distance 3 ____	Time #3 ____	

Location H.H. stream Freshwater Sampled By BJB Date April 17
culvert ___ bridge X other ___ Rain started when? _____ Time 1815
Rising _____ or Falling ?13'-4" and/or Peak stage _____ readings Turbidity _____ by ____
Stream Width 48' Current weather ~~Lt Rain~~ Drizzle @ date/time _____
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations:
Notes:



Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width 18' Low-velocity strand width 24'

Distance 1 ____	Time #1 ____	4.8	Distance 1 ____	Time #1 ____	16.2
Distance 2 ____	Time #2 ____		Distance 2 ____	Time #2 ____	
Distance 3 ____	Time #3 ____		Distance 3 ____	Time #3 ____	

~~DWE~~

Location SFE 8 A/B | Sampled by MLA JN | Date 2-26-00
Rain start time 18:00 last night | Current weather overcast | Time 9:24
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 2 1/4" | Culvert invert 22" to water flow
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

2.82 sec / 0.35 cf / 7 1/4"

Sketch cross-section of channel:

A - inlet
B - upslope

2.82 sec / 0.375 / 7 1/2"

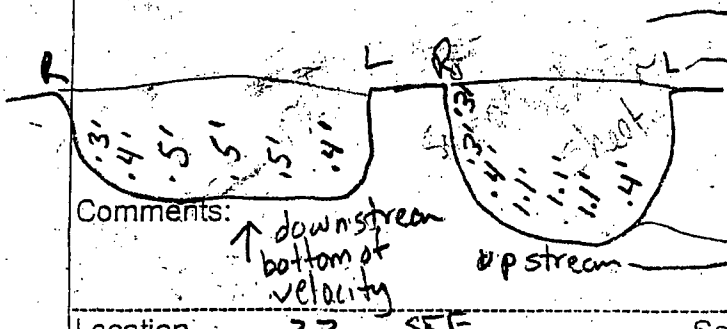
Comments:

116 NTU = A

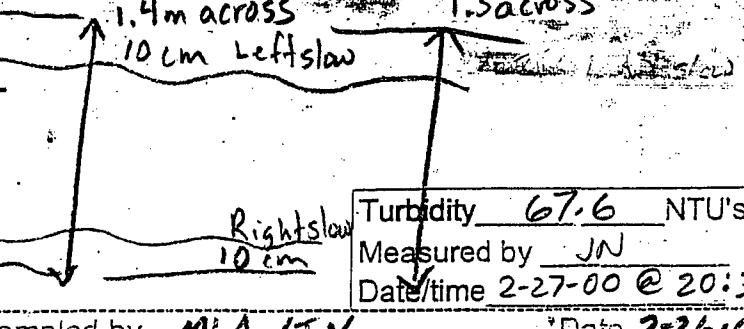
Turbidity 132 NTU's = B
Measured by JN
Date/time 2-27-00 @ 20:32

Location SFE 18 | Sampled by MLA JN | Date 2-26-00
Rain start time 18:00 last night | Current weather overcast | Time 9:55
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 6 1/2" | Culvert invert 3" 5 1/2" to top of water
High-velocity width middle water | Low-velocity width LE slow water right edges slo
Dist.#1 12' Time #1 5.56 sec | Dist.#1 12' Time #1 7.38 12'/12.25
Dist.#2 12' Time #2 7 sec | Dist.#2 _____ Time #2 12'/7.78
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 67.6 NTU's
Measured by JN
Date/time 2-27-00 @ 20:31

Location 22 - SFE | Sampled by MLA JN | Date 2-26-00
Rain start time 18:00 last night | Current weather cloudy overcast | Time 11:07
Peak stage _____ | Current stage - from bridge to water surface:
Culvert size _____ Culvert flow depth _____ | Culvert invert Before discharge: Left(up trail): 5.65m
High-velocity width _____ | Low-velocity width Right(up trail): 5.5m
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
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 - see discharge sheet

Sketch cross-section of channel:

After Discharge: Left(up trail) 5.67
Right(up trail): 5.5

5.50
5.65

Comments: Stage is falling from rain last night

Turbidity 20.2 NTU's
Measured by JN
Date/time 2-27-00 @ 20:30

Location _____ Sampled by _____ Date 2-26-00
Rain start time ON WILDCAT SOIL Current weather RAIN STARTED 15:03 Time 17:25
Peak stage _____ Current stage 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:

TRAIL 1½ x 6" flow slow (1'/sec)

Comments:

Turbidity >1000 NTU's
Measured by JN
Date/time 2-27-00 @ 17:14

Location LSF EIK trib 26.5 Sampled by JN Date 2-26-00
Rain start time RAIN LAST NITE, Clearing today Current weather RAIN SINCE 15:03 Time 17:47
Peak stage _____ Current stage RISING
Culvert size _____ Culvert flow depth _____ Culvert invert ↓ 6" Below Nail
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 calc of MICHELE for 2-26-00

Comments:

Turbidity 58.5 NTU's
Measured by JN
Date/time 2-27-00 @ 18:15

Location LSF #26 Sampled by JN Date 2-26-00
Rain start time LAST NITE, Clearing today Current weather RAIN Starts 15:03 Time 18:00
Peak stage _____ Current stage ↓ 7' 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 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

See Sheet for 2-26-00, 12:32

Comments:

Turbidity 8.77 NTU's
Measured by JN
Date/time 2-27-00 @ 18:17

Location NF ELK BRIDGE Sampled by JN Date 2-26-00
Rain start time LAST NITE, Clearing today Current weather DRIZZLE Time 20:55
Peak stage Hard showers 15:00 to 18:00 Current stage RISING
Culvert size _____ Culvert flow depth _____ Culvert invert ↓ 15'5" FROM GUARD RAIL

High-velocity width		Low-velocity width	
Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#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 480 NTU's
Measured by JN
Date/time 2-27-00 @ 23:18

Location 2-SFE Sampled by MLA, JN Date 2-26-00
Rain start time 15:03 Current weather rain Time 19:41
Peak stage RISING Current stage 10' 9" from bridge to water surface
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____

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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

43.72 Sec / 24 clicks - slower LE 1.6' deep DIS

43.37 / 35 clicks center 3'

42.56 / 62 clicks - RE - 3' deep

2-27-00
SURFACE - 319 NTU'S @ 22:21

Comments:

Turbidity 348 NTU's DIS
Measured by JN
Date/time 2-27-00 @ 22:23

Location 0.5 FOM'S 6. Sampled by MLA, JN Date 2-26-00
Rain start time 18:00 Current weather Showers Time 20:04
Peak stage _____ Current stage ↓ 9' 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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

2 bottles - 20:02 + 20:04 DIS & SURFACE

- See Discharge Sheet

SURFACE -> 1000 NTU'S

Comments:

Turbidity _____ NTU's
Measured by JN
Date/time 2-27-00 @ 22:28

Location SFE 7.9 | Sampled by MLA | Date 2-26-00
Rain start time 18:00 last night | Current weather rain | Time 16:23
Peak stage restart @ 16.00 today | Current stage 8"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

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

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

Discharge = sheetsheet

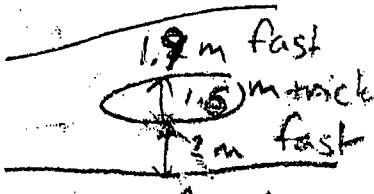
Comments: A

Turbidity 5.09 NTU's
Measured by JN
Date/time 3-5-00 @ 19:36

Location SFE 8.5 AB | Sampled by MLA | Date 2-26-00
Rain start time 18:00 last night | Current weather showers | Time 17:02
Peak stage restart 16:00 today | Current stage 2.5"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width		Low-velocity width	
Dist.#1 6'	Time #1 3.78	Dist.#1	Time #1
Dist.#2 6'	Time #2 3.22	Dist.#2	Time #2
Dist.#3 6'	Time #3 3.06	Dist.#3	Time #3

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



B = 8.48 NTU

Comments: A = out of influence of road
B = in road

Turbidity 8.72 = A NTU's
Measured by JN
Date/time 3-5-00 @ 19:40

Location SFE 2.2 | Sampled by MLA | Date 2-26-00
Rain start time 16:00 today | Current weather rain | Time 17:51
Peak stage ____ Current stage Bridge left - 5.45m. Right - 5.7m
Culvert size ____ Culvert flow depth ____ Culvert invert (Make up trail)

High-velocity width		Low-velocity width	
Dist.#1 [illegible]	Time #1 2.28	Dist.#1	Time #1
Dist.#2 6"	Time #2 2.1	Dist.#2	Time #2
Dist.#3 6"	Time #3 1.9	Dist.#3	Time #3

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

all fast

Turbidity 13.5 NTU's
Measured by JN
Date/time 3-5-00 @ 19:38

Comments:

Rain start time _____ #30 Current weather _____ Time 16:22

Peak stage _____ Current stage _____ ↓ 7" on PVC

Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Comments:

Turbidity 9.31 NTU's
Measured by JN
Date/time 2-27-00 @ 17:00

Location EAST LSF EIK #30 Sampled by JN Date 2-26-00

Rain start time _____ Current weather RAIN, STEADY Time 16:45

Peak stage _____ Current stage _____ ↓ 6 7/8

Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Comments:

Turbidity 4.24 NTU's
Measured by JN
Date/time 2-27-00 @ 17:03

Location LSF EIK (PULLED BRIDGE) Sampled by JN Date 2-26-00

Rain start time 28.5 B (SITE #) Current weather _____ Time 17:20

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert ↓ 8 7/8" ON NAIL MISSING SAMPLE

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

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location East Branch L S F Elk (trib) Sampled by JN Date 2-26-00
Rain start time RAIN Last Night, Clearing today Current weather Light rain Time 14:44
Peak stage _____ Current stage FALLING
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width	10"	Low-velocity width	
Dist.#1	30"	Time #1 2.2	Dist.#1 _____ Time #1 _____
Dist.#2	30"	Time #2 2.92	Dist.#2 _____ Time #2 _____
Dist.#3	30"	Time #3 2.18 Sec	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Cascade Through old crossing fill

Sketch cross-section of channel:

I DUMPED THIS SAMPLE

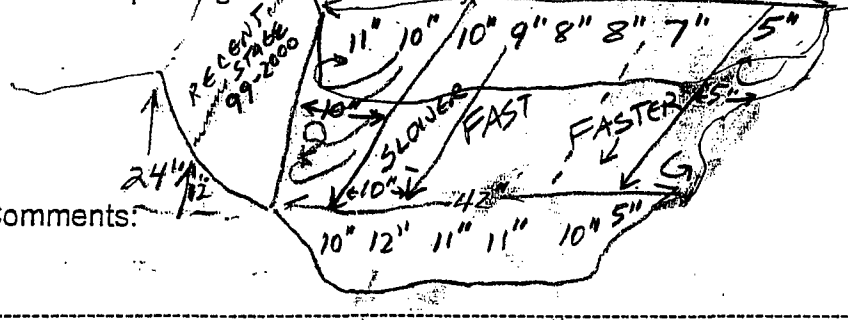
Comments:

Turbidity 7.53 NTU's
Measured by JN
Date/time 2-27-00 @ 16:39

Location EAST BRANCH LITTLE SO FORK #3 Elk 30 Sampled by JN Date 2-26-00
Rain start time LAST NITE, CLEARING TODAY Current weather RAIN STARTING Time 15:16
Peak stage _____ Current stage FALLING FOR 10 hrs 1st at this site
Culvert size _____ Culvert flow depth _____ Culvert invert _____ ↓ 7" on PVC pipe

High-velocity width		Low-velocity width	6.02
Dist.#1	6'	Time #1 4.47	Dist.#1 6' Time #1 5.88
Dist.#2	6'	Time #2 3.90	Dist.#2 6' Time #2 5.11
Dist.#3	6'	Time #3 3.75	Dist.#3 6' Time #3 20.93

Sketch map of high and low velocity strands: 48"



Sketch cross-section of channel:

BANKS ARE STABLE, MOSS LINED TO 6" BELOW FLOW
PREVIOUS FLOW (2/14/00?) WAS 12" HIGHER

Comments:

Turbidity 4.65 NTU's
Measured by JN
Date/time 2-27-00 @ 16:42

Location EAST L S F ELK near Old C, #30 Sampled by JN Date 2-26-00
Rain start time LAST NITE, TODAY @ 15:03 Current weather RAIN, STEADY LARGE DROPS Time 15:45
Peak stage _____ Current stage ~~FALLING~~ ↓ 7" on PVC
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands: See DRAWING ABOVE

Sketch cross-section of channel:

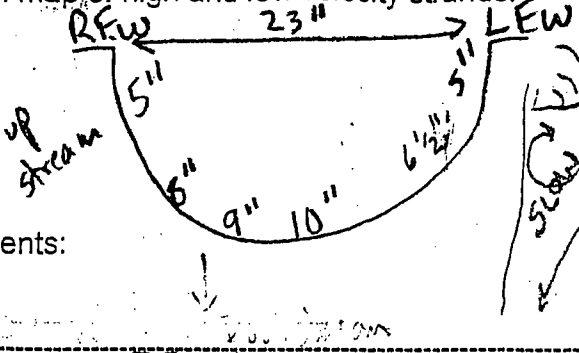
Comments:

Turbidity 4.90 NTU's
Measured by JN
Date/time 2-27-00 @ 16:58

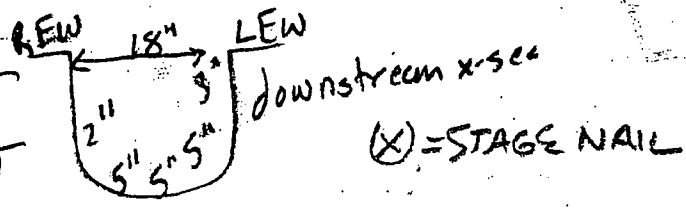
Location SFE 26.5 | Sampled by MLA, JN | Date 2-26-00
Rain start time 18:00 - 7:30 | Current weather overcast | Time 13:00
Peak stage 2/25 - 2/26 | Current stage 6 1/2"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width		Low-velocity width	
Dist.#1 3'	Time #1 2.[illegible]	Dist.#1	Time #1 2.8
Dist.#2 3.0	Time #2 2.[illegible]	Dist.#2	Time #2
Dist.#3 3'	Time #3 2.41	Dist.#3	Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 30.7 NTU's
Measured by JN
Date/time 2-27-00 @ 23:07

Location SFE 28.5 A,B (PULLED BRIDGE) | Sampled by MLA, JN | Date 2-26-00
Rain start time 18:00 2/25 | Current weather overcast | Time 14:05
Peak stage ____ | Current stage 0.75 @ nail = 9" ↓
Culvert size ____ Culvert flow depth ____ Culvert invert ____

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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

28.5 @ = 13.6 NTU

Comments: Discharge sheets - tank discharge
A = out of influence of road + rec traffic
B. = in road

Turbidity 10.2 NTU's = A
Measured by JN
Date/time 2-27-00 @ 19:52

Location SFE 29 | Sampled by MLA | Date 2-26-00
Rain start time ____ | Current weather Sprinkles | Time 15:54
Peak stage ____ | Current stage 8" | SECOND SAMPLE TAKEN @ 16:24
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:

Discharge = see sheet

2ND (16:24) 5.04 NTU

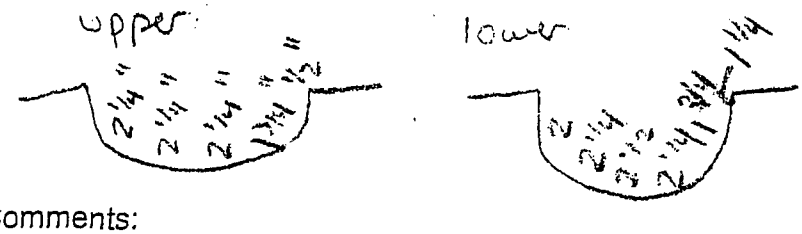
Comments:

Turbidity 5.23 NTU's
Measured by JN
Date/time 2-27-00 @ 19:55

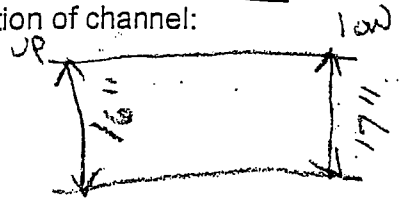
copied 3-8-00

Location SFE 25 | Sampled by MLA | Date 2-26-00
Rain start time 18:00 last night – 7:00am | Current weather cloudy | Time 11:50
Peak stage _____ | Current stage _____
Culvert size 16" | Culvert flow depth 1 1/4" | Culvert invert 24 3/4
High-velocity width _____ | Low-velocity width _____
Dist.#1 3' | Time #1 3.56 | Dist.#1 _____ | Time #1 _____
Dist.#2 3' | Time #2 3.19 | Dist.#2 _____ | Time #2 _____
Dist.#3 3' | Time #3 3.34 | Dist.#3 _____ | Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

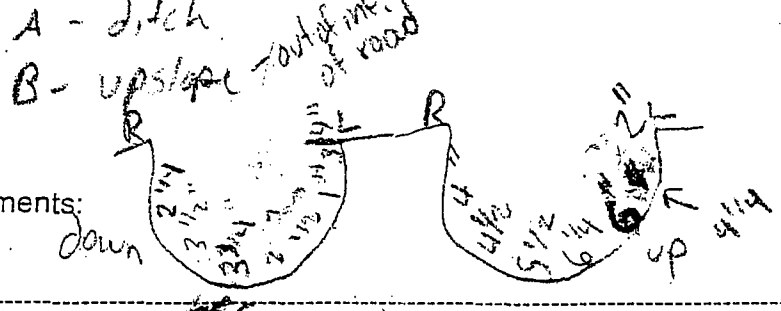


Comments:

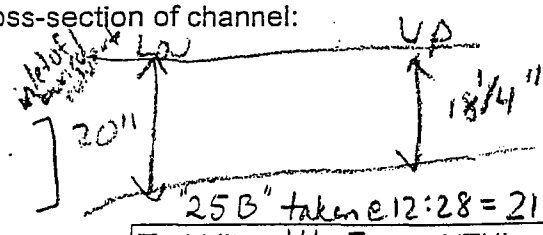
Turbidity 5.59 NTU's
Measured by JN
Date/time 2-27-00 @ 20:28

Location SFE 25 | Sampled by MLA | Date 2-26-00
Rain start time _____ | Current weather _____ | Time 12:09
Peak stage _____ | Current stage 6" at nail (26" button to nail)
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ | Time #1 9.9 | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 9.6 | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 9.3 | Dist.#3 _____ | Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



"25B" taken 12:28 = 21.3 NTU

Comments:

Turbidity 14.5 NTU's
Measured by JN
Date/time 2-27-00 @ 20:21

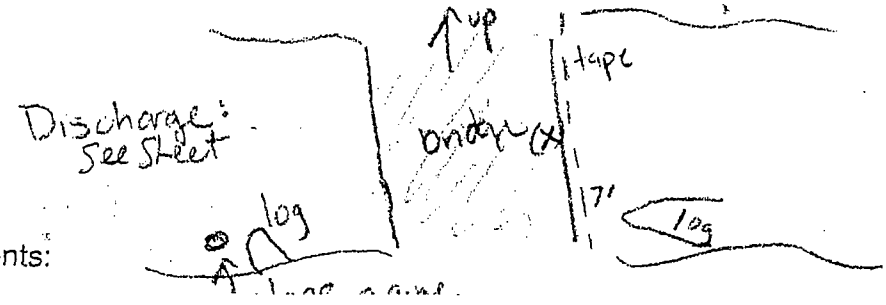
#4 burned culvert - Culvert drivers flow under new bed forming

---

Location 26 SFE | Sampled by MLA | Date 2-26-00
Rain start time 18:00 last night | Current weather cloudy, overcast | Time 12:32
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 _____

SEE DISCHARGE SHEET FOR VELOCITY

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Put in gauge
correlate – 6" stage in pipe =
(X) → 7'1" from rail to water surface

Comments:

Turbidity 8.63 NTU's
Measured by JN
Date/time 2-27-00 @ 20:25

Location AMAS seely | Sampled by G | Date 2/14/00
Rain start time 2/12/00 | Current weather OVER CAST | Time 2:52 PM
Peak stage _____ | Current stage _____
Culvert size 48" | Culvert flow depth _____ | Culvert invert 44"
High-velocity width 29" | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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: NO STOP WATCH

Turbidity 161 NTU's
Measured by GH
Date/time 2/14/00 6:20 PM

Location Rilis Hill Seely | Sampled by G | Date 2/14/00
Rain start time 2/12/00 | Current weather OVER CAST | Time 2:55 PM
Peak stage _____ | Current stage _____
Culvert size 6" | Culvert flow depth _____ | 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:

Comments:

Turbidity 215 NTU's
Measured by GH
Date/time 2/14/00 6:10PM

Location JYD. Seeley | Sampled by GH | Date 2/14/00
Rain start time 2/12/00 | Current weather OV CST | Time 3:34 PM
Peak stage _____ | Current stage _____
~~Culvert~~ size Bridge | Culvert flow depth _____ | Culvert invert 131"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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 330 NTU's
Measured by GH
Date/time 2/14/00 6:1(

Location Junkyard Seeley | Sampled by George | Date 2/26
Rain start time 2/25 10PM ~~Early~~ | Current weather ~~Hard~~ RAIN | Time 7:24 PM
Peak stage _____ | Current stage 1.32
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 557. 15'
Dist.#1 18' Time #1 2.53
Dist.#2 18' Time #2 1.83
Dist.#3 18' Time #3 2.25
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 608 NTU's
Measured by GH
Date/time 2/28 3:15

Location Bills Hill Seeley | Sampled by GH | Date 2/26
Rain start time 2/25 | Current weather Heavy Rain | Time 7:48 PM
Peak stage _____ | Current stage _____
Culvert size 6' Culvert flow depth _____ Culvert invert 38"
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:

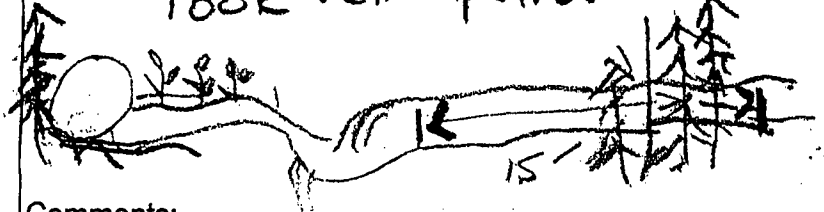
Volume to high to see orange pools on sticks
In the dark

Comments: Stage gauge KAPut!

Turbidity 192 NTU's
Measured by GH
Date/time 2/28/00 3:15

Location AMOS 1. Seeley | Sampled by GH | Date 2/26
Rain start time 2/25 | Current weather RAIN | Time 8:23 PM
Peak stage _____ | Current stage _____
Culvert size 48" Culvert flow depth _____ Culvert invert 43 3/4"
High-velocity width 32"
Dist.#1 15' Time #1 4.78
Dist.#2 _____ Time #2 6.90
Dist.#3 _____ Time #3 5.72
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:

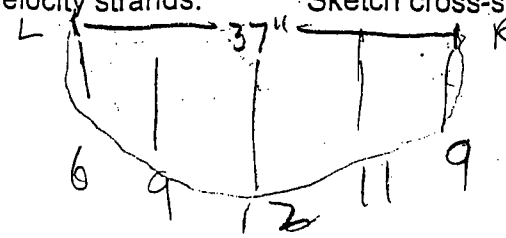
Took Vel. upstream from culv.



Comments:

Turbidity 134 NTU's
Measured by GH
Date/time 2/28 3:15 PM

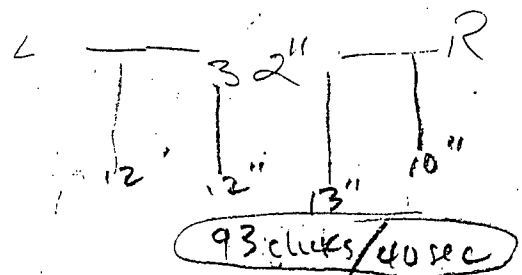
Location Williams 13.79 mi Sampled by JC EB Date 2/28/00
Rain start time intermittent night of Current weather lt rain Time 1311
Peak stage _____ Current stage _____
Culvert size • Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ 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: 36 clicks/40 sec

Turbidity 20.3 NTU's
Measured by JC
Date/time 2-29-00 22:59

Location TRUSS 1407 Sampled by JC EB Date 2-26-00
Rain start time _____ Current weather lt rain Time 1335
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:

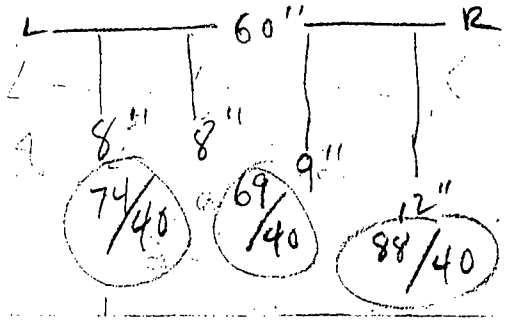


Comments: 93 clicks/40 sec

Turbidity 36.2 NTU's
Measured by JC
Date/time 2-29-00 22:57

Location MOWRY - 15.04 Sampled by JC EB Date 2-26-00
Rain start time _____ Current weather little rain Time 1354
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:

M 69 clicks/40 sec
R 88/40
L 74/40

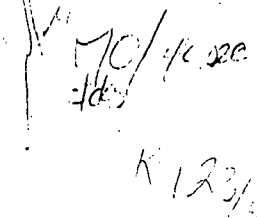


Comments:

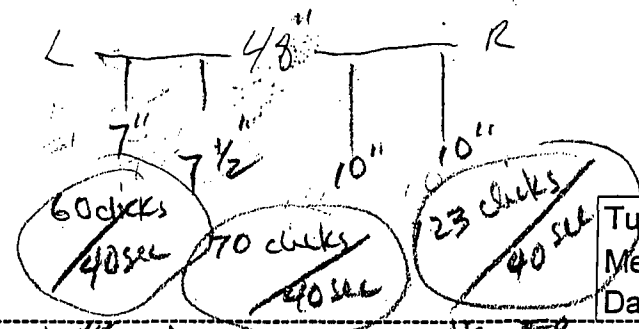
Turbidity 75.8 NTU's
Measured by JC
Date/time 2-29-00 2254

Location Reese 15.75 mi | Sampled by JC EB | Date 2-26-00
Rain start time _____ | Current weather No rain | Time 14:16
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:

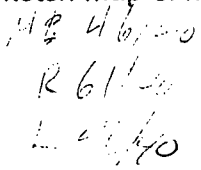


Comments:

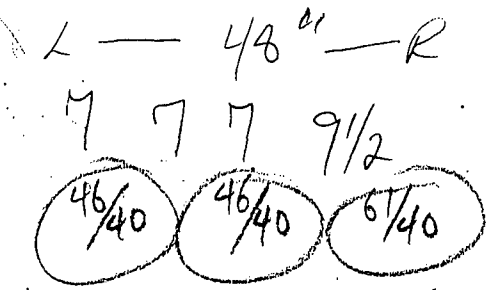
Turbidity 17.3 NTU's
Measured by JC
Date/time 2-29-00 22:50

Location State Park Heights 16.44 mi | Sampled by JC EB | Date 2-26-00
Rain start time _____ | Current weather No rain | Time 14:30
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:



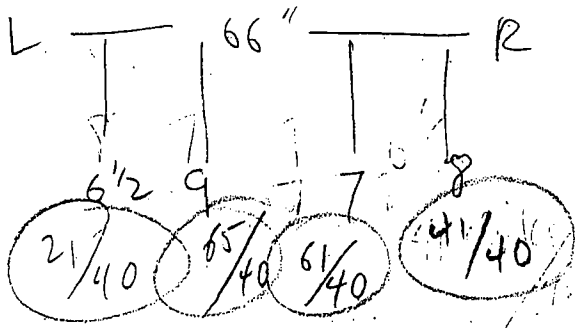
Comments:

Turbidity 16.4 NTU's
Measured by JC
Date/time 2-29-00 22:52

Location Robinson 16.75 mi | Sampled by JC EB | Date 2-26-00
Rain start time _____ | Current weather No rain | Time 1449
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 49.4 NTU's
Measured by JC
Date/time 2-29-00 22:44

Location Perrott mm 17.24 Sampled by JK EB Date 2-26-00
Rain start time 15:00 Current weather very light rain Time 15:06
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 2'6"
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:

45 %

L — 21 — R

3½ 4½ 4

85 clicks/40 sec

Comments:

Turbidity 117 NTU's
Measured by JK
Date/time 2-29-00 22:32

Location 200 m culvert Bull Creek Sampled by JK EB Date 2-26-00
Rain start time 15:00 Current weather Lt. Rain Time 15:24
Peak stage _____ Current stage _____
Culvert size 30" Culvert flow depth _____ Culvert invert 25 % 2½ x 7
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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"

5' 6½ 5½

28/40"

Comments:
Intersection of Honey dew + Ave of Giants

Turbidity 6.22 NTU's
Measured by JK
Date/time 2-29-00 22:30

Location 0.3 culvert Sampled by JK EB Date 2.26.00
Rain start time 15.00 Current weather lt. rain Time 15:40
Peak stage _____ Current stage _____
Culvert size 36 Culvert flow depth 5 Culvert invert _____ 2'6"x7
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

36"

25"

32 clicks/40 sec

20 clicks/40 sec

6½" 5" 4"

Comments:

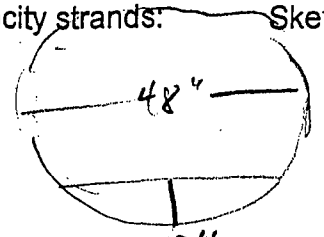
Turbidity 2.70 NTU's
Measured by JK
Date/time 2-29-00 22:27

Location Cabin Creek | Sampled by JK EB | Date 2-26-00
Rain start time 15:00 | Current weather Med Rain | Time 15:57
Peak stage _____ | Current stage _____
Culvert size 48 | Culvert flow depth 12 | Culvert invert (Squashed) 2½×7
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

90/40

Sketch cross-section of channel:



90 cfs/40 sec

Comments:

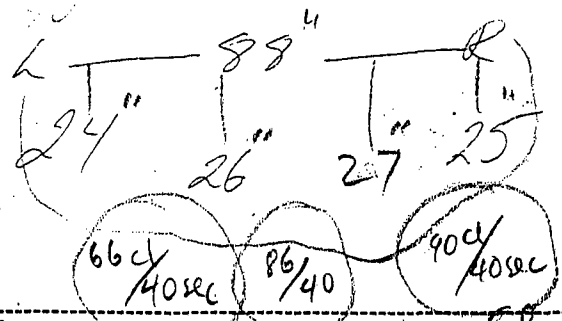
Turbidity 8.27 NTU's
Measured by JK
Date/time 2-29-00 22:40

Location Coal Creek | Sampled by JK EB | Date 2-26-00
Rain start time 15:00 | Current weather Rain | Time 16:20
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth 27 | Culvert invert 73 2½×7
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

95/40
90/40
86/40

Sketch cross-section of channel:



Comments:

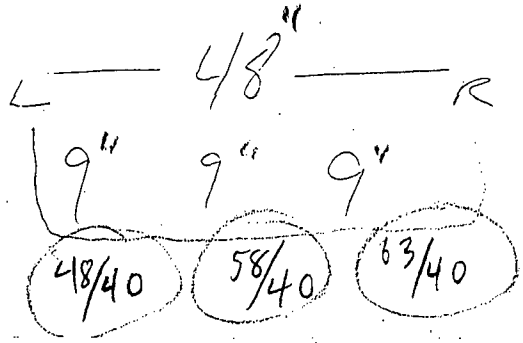
Turbidity 29.2 NTU's
Measured by JK
Date/time 2-29-00 22:37

Location Calf Creek | Sampled by JK EB | Date 2/26/00
Rain start time _____ | Current weather Rain | Time 16:35
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____ 2×7
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

R 63/40
M 58/40
L 48/40

Sketch cross-section of channel:



Comments:

Turbidity 16.9 NTU's
Measured by JK
Date/time 2-29-00 22:35

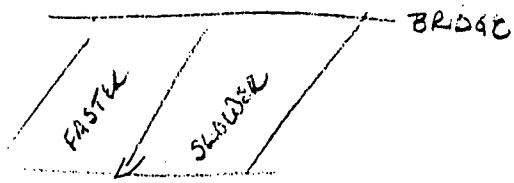
Copicek 3-8-00

Location BRICELAND/REDWOOD CREEK | Sampled by GC | Date 7/29/00
Rain start time _____ | Current weather NOT RAINING RIGHT NOW | Time 4:00 PM
Peak stage _____ | Current stage 3' 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 _____

ID JCR

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

Turbidity 17.8 NTU's
Measured by GH
Date/time 3/2/00

Location _____ | Sampled by GC | Date 7/29/00
Rain start time _____ | Current weather CLEAR | Time 8:30 AM
Peak stage _____ | Current stage 2' 9"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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 15.9 NTU's
Measured by GH
Date/time 3/2/00 2 PM

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 _____

Comments:

Location Mills Creek #1 | Sampled by George | Date 2/24/00
Rain start time 2/23 1:AM | Current weather OVERCAST | Time 12:20 PM
Peak stage _____ | Current stage _____
Culvert size 48" | Culvert flow depth _____ | Culvert invert NA
High-velocity width 20"
Dist.#1 30' Time #1 10.81
Dist.#2 _____ Time #2 10.09
Dist.#3 _____ Time #3 7.66
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: Tape Meas. Broke

Turbidity 8.25 NTU's
Measured by GH
Date/time 1:15 2/24

Location Bills Hill | Sampled by GH | Date 2/24
Rain start time 2/23 | Current weather OVERCAST | Time 12:35
Peak stage _____ | Current stage 16"
Culvert size 6" | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____
Dist.#1 40' Time #1 8.57
Dist.#2 _____ Time #2 9.62
Dist.#3 _____ Time #3 10.62
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 31.3 NTU's
Measured by GH
Date/time 2/24 1:15PM

Location Junkyard Seeley | Sampled by GH | Date 2/24/00
Rain start time 2/23 1 AM | Current weather OVERCAST | Time 12:50
Peak stage Bridge | Current stage _____
~~Culvert size~~ _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____
Dist.#1 18' Time #1 4.10
Dist.#2 _____ Time #2 2.40
Dist.#3 _____ Time #3 2.31
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 33.3 NTU's
Measured by GH
Date/time 2/24/ 1:15

Location James Creek The Wier Sampled by GH Date 2/25/00

Rain start time _____ Current weather OVERCAST Time 10:15 AM

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:

7.83

Turb. [redacted]

2/25/00 6 PM

Notes:

Location A stream Sprawl Creek Sampled By MH Enal/ Date 2/22

culvert X bridge ___ other ___ Rain started when? 2/22 AM. Time 2:30 p.m.

Rising ___ or Falling X or Peak ___ Stage Current weather Rainy Turbidity 561 2/28 3:15 GH

Stream Width ___

Stage reading 1' or culvert invert ___ or sketch cross section, showing depth measurements & locations:

Sprawl Creek

last high was 1'10"

Sprawl Creek

Velocity

Sketch map of high and low velocity strands:

High-velocity strand width ___		Low-velocity strand width ___	
Distance 1 20'	Time #1 4	Distance 1 ___	Time #1 ___
Distance 2 20'	Time #2 5	Distance 2 ___	Time #2 ___
Distance 3 20'	Time #3 4	Distance 3 ___	Time #3 ___

Notes:

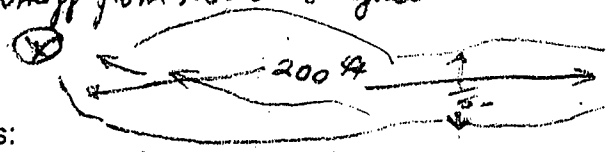
Copied 3-8-00

Location Hennessey SFT, Lower | Sampled by JN, EB | Date 2-22-00
Rain start time 6:00 am | Current weather RAIN, SNOW | Time 12:05
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:

6" in 3X7 jar in 13.84 sec = ½ flow
runoff from road surface



Sketch cross-section of channel:

3X7 jar >1000 @ (X)

Site HR 4

AFTER We drove round

Comments:

Turbidity >1000 NTU's
Measured by JN EB
Date/time 2-22-00 12:05

Location Inside ditch HR 4 | Sampled by JN EB | Date 2-22-00
Rain start time _____ | Current weather _____ | Time 12:07
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:

114 paces @ 2.5' pace 8' + cutbank
cutbank is 45°/8' high for 100'
100' NO cutbank

Sketch cross-section of channel:

Drove rd, after shower. HACH cell is 580 = 2ND Sample

Comments:

Before shower →

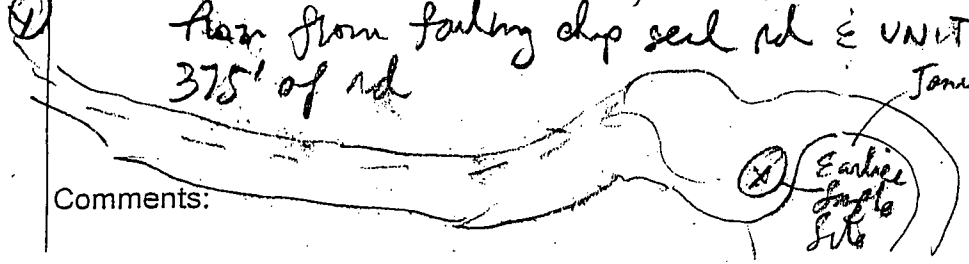
Turbidity 534 NTU's
Measured by JN
Date/time 2-22-00 @ 12:18

Location Hennessey Rd · Sale Unit | Sampled by JN, EB | Date 2-22-00
Rain start time _____ | Current weather RAW | Time 14:43 3X7
Peak stage _____ | Current stage _____ 14:58 Hach
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

3X7 in 2.92 Seconds, 2/3 of flow
flow from failing chip seal rd & UNIT
375' of rd



Sketch cross-section of channel:

~20 MINUTES later: 947 Hach cell

Comments:

Turbidity >1000 NTU's
Measured by JN
Date/time 14:45

Location Hennessey Wide pond CV | Sampled by JN, EB | Date 8-22-00
Rain start time _____ | Current weather _____ | Time 15:13
Peak stage _____ | Current stage _____
Culvert size 12" | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

5 gallons in 7.18 second
3/4 of water to road ditch, 1/4 hill class III
600' + of meido road ditch / gravel rd

Sketch cross-section of channel:

Hach cell

Comments:

Turbidity 83.5 NTU's
Measured by NTU'S
Date/time _____

Location TURTLE CV SFT | Sampled by JN, EB | Date 2-22-00
Rain start time Hennessey | Current weather RAIN | Time 15:13
Peak stage _____ | Current stage _____
Culvert size 12 | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

1/4 of 5 gallons in 7:18 seconds
from Class III
2X6 Bottle

Sketch cross-section of channel:

Comments:

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

Location TURTLE II | Sampled by _____ | Date 2-22-00
Rain start time _____ | Current weather _____ | Time 15:23
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth 6" | Culvert invert 12"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 1.24 sec | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 1.37 sec | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

5 gallon Bucket

Sketch cross-section of channel:

NO Sample Kept

Comments:

Turbidity 4.80 NTU's
Measured by JN
Date/time 2-22-00 @ 15:25

Location Turtle 3, HENNESSEY Sampled by JN EB Date 2/22/00
Rain start time _____ Current weather RAIN Time 15:40
Peak stage _____ Current stage _____
Culvert size 18" Culvert flow depth _____ Culvert invert 10"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:
02:46, 02:74, 02:60 - 5 gallons
good fast stream, flowing down hill mtn.

Comments:

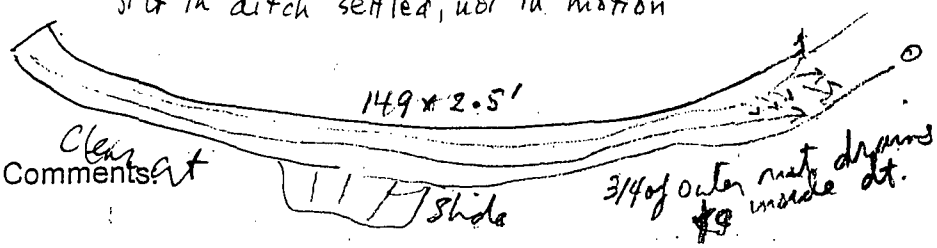
No sample kept
Turbidity 6.89 NTU's
Measured by _____
Date/time _____

Location Turtle 4 - Mile 8 Sampled by JN, EB Date 2/22/00
Rain start time Hennessey Current weather RAIN Time 15:46
Peak stage _____ Current stage _____
Culvert size 42+ Culvert flow depth _____ Culvert invert 2'7"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 02:30 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 02:21 Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 02:24 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:
" mile 8 Culvert"
Fast, steep creek

Comments:

no sample kept
Turbidity 1.86 NTU's
Measured by _____
Date/time 16

Location Hennessey Clearcut Sampled by JN EB Date 2/22/00
Rain start time _____ Current weather barely raining Time 16:~~15~~ (16:15)
Peak stage _____ Current stage _____
Culvert size 12" Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 60:15:24 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:
mud by very silty road run-off (inside ditch) and seepage from hillside
silt in ditch settled, not in motion



2ND Sample 40.8 20 minutes after Shower 16:36

Comments: Clear cut
Turbidity 48.2 NTU's
Measured by JN
Date/time 2-22-00 @16:25

Location Friday Ridge #1 Sampled by JN EB Date 2/22/2000
Rain start time _____ Current weather RAIN Time 17:07
Peak stage _____ Current stage _____
Culvert size 36" Culvert flow depth _____ Culvert invert 2'5"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 00:01:29 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 00:01:90 Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

mile

Comments:

Turbidity 23.7 NTU's
Measured by JN
Date/time _____

Location Madden Creek Sampled by JN - EB Date 2/22/2000
Rain start time Friday Ridge Current weather RAIN Time 12:18
Peak stage this year 8" higher Current stage ↓21'3" or ↓5'3" on Metal fence stake 50' downstream at RLE Water End time 18:30
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 sheet, 3X7 SAMPLE
Debris line visible from earlier storm flow

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:

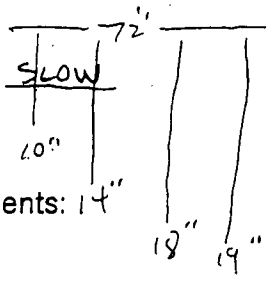
Comments:

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

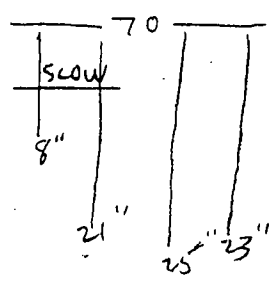
Location Smoylus Creek | Sampled by JK | Date 2-22
Rain start time 1330 | Current weather rain | Time 1613
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

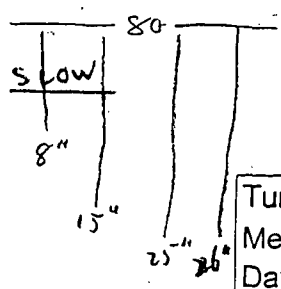
	High-velocity width		Low-velocity width
Dist.#1	7'	Time #1 5.04	Dist.#1 _____ Time #1 _____
Dist.#2	7'	Time #2 5.18	Dist.#2 _____ Time #2 _____
Dist.#3	7"	Time #3 5.70	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:





(no movement in slow area)

Comments:

Turbidity 20.1 NTU's
Measured by _____
Date/time _____

Location Little Bridge | Sampled by JC | Date 2-22
Rain start time 1330 | Current weather rain | Time 1644
Peak stage _____ | Current stage 85" to top of 4th rib (upstream side)
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

	High-velocity width		Low-velocity width
Dist.#1	15'	Time #1 5.90	Dist.#1 _____ Time #1 _____
Dist.#2	15'	Time #2 6.45	Dist.#2 _____ Time #2 _____
Dist.#3	15'	Time #3 6.14	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity 25.9 NTU's
Measured by _____
Date/time _____

Location Big Bridge | Sampled by JC | Date 2-22
Rain start time 1330 | Current weather rain | Time 1724
Peak stage _____ | Current stage 18' 3"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

	High-velocity width		Low-velocity width
Dist.#1	18'	Time #1 4.08	Dist.#1 _____ Time #1 _____
Dist.#2	_____	Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3	_____	Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

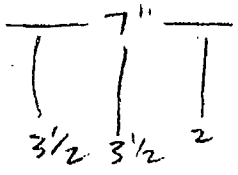
Comments:

Turbidity 104 NTU's
Measured by _____
Date/time

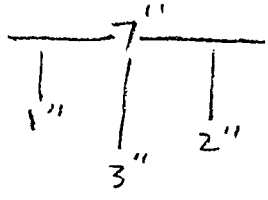
Location Big Ditch | Sampled by JK | Date 2-22-00
Rain start time 1330 | Current weather rain | Time 1359
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 4'	Time #1 1.34	Dist.#1 _____	Time #1 _____
Dist.#2 "	Time #2 1.33	Dist.#2 _____	Time #2 _____
Dist.#3 "	Time #3 1.27	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



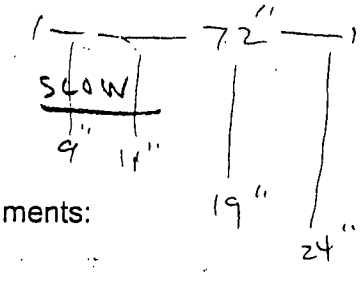
Comments:

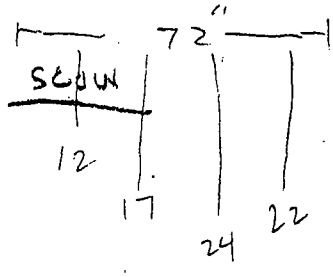
Turbidity 320 NTU's
Measured by _____
Date/time _____

Location Bridgeboss Creek | Sampled by JK | Date 2-22
Rain start time 1330 | Current weather rain | Time 1427
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 7'	Time #1 4.90	Dist.#1 _____	Time #1 _____
Dist.#2 7'	Time #2 5.02	Dist.#2 _____	Time #2 _____
Dist.#3 7'	Time #3 5.09	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:





(no movement in slow area)

Sketch cross-section of channel:

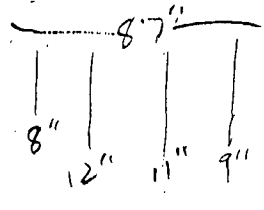
Comments:

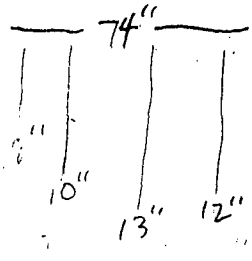
Turbidity 14.4 NTU's 17.3
Measured by _____
Date/time _____

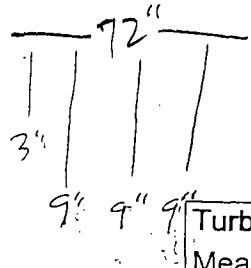
Location Headwaters | Sampled by JK | Date 2-22
Rain start time 1330 | Current weather rain | Time 1520
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 7'	Time #1 5.61	Dist.#1 _____	Time #1 _____
Dist.#2 7'	Time #2 5.89	Dist.#2 _____	Time #2 _____
Dist.#3 7'	Time #3 6.14	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:







Sketch cross-section of channel:

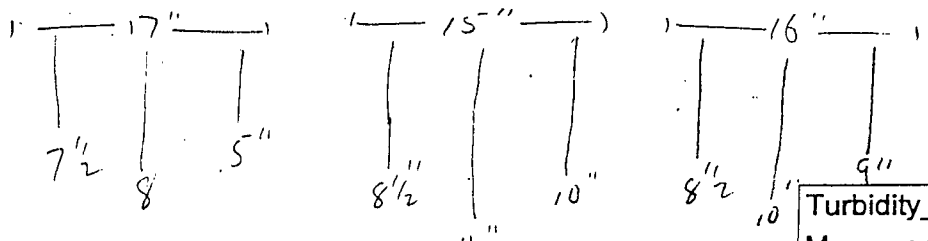
Comments:

Turbidity 9.47 NTU's
Measured by _____
Date/time

Location BIG BRIDGE | Sampled by JC | Date 2-22-00
Rain start time _____ | Current weather no rain | Time 1250
Peak stage _____ | Current stage 18' 7" coming water on downstream side (about 65' from downhill side)
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 18' Time #1 4.80 | Dist.#1 _____ Time #1 _____
Dist.#2 18' Time #2 4.60 | Dist.#2 _____ Time #2 _____
Dist.#3 18' Time #3 5.00 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: | Turbidity 218 NTU's | Measured by _____ | Date/time _____

Location Little Ditch | Sampled by JC | Date 2-22-00
Rain start time _____ | Current weather no rain | Time 1323
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 4' Time #1 3.60 | Dist.#1 _____ Time #1 _____
Dist.#2 4' Time #2 4.10 | Dist.#2 _____ Time #2 _____
Dist.#3 4' Time #3 4.27 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Comments: | Turbidity 141 NTU's | Measured by _____ | Date/time _____

Location Little Bridge | Sampled by JC | Date 2-22-00
Rain start time _____ | Current weather a rain | Time 1342
Peak stage _____ | Current stage 86" 7' 2" to top of 4RB rib upstream side
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 14'4" Time #1 6.23 | Dist.#1 _____ Time #1 _____
Dist.#2 1' Time #2 6.18 | Dist.#2 _____ Time #2 _____
Dist.#3 1' Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands. | Sketch cross-section of channel:

Comments: | Turbidity 18.5 NTU's | Measured by _____ | Date/time _____

Location Culvert at 3/4 mi | Sampled by JK | Date 2-22-00
Rain start time 7AM | Current weather Light rain | Time 11:43
Peak stage _____ | Current stage _____
Culvert size 24" | Culvert flow depth 2" | Culvert invert 22"

High-velocity width		Low-velocity width	
Dist.#1 bucket	Time #1 1.65 sec	Dist.#1 _____	Time #1 _____
Dist.#2 to 13"	Time #2 1.72 "	Dist.#2 _____	Time #2 _____
Dist.#3 deep	Time #3 1.44 "	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

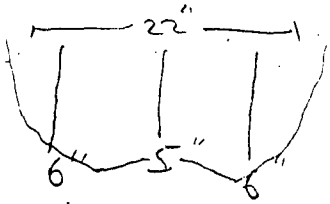
Comments:

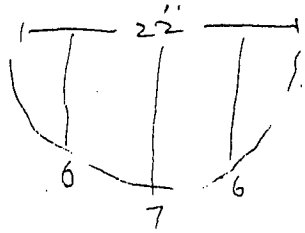
Turbidity 757 NTU's
Measured by _____
Date/time _____

Location Stump w many trees | Sampled by JK | Date 2-22
Rain start time 7AM | Current weather _____ | Time 11:34
Peak stage _____ | Current stage _____
Culvert size 24" | Culvert flow depth 4 1/2" | Culvert invert 20"

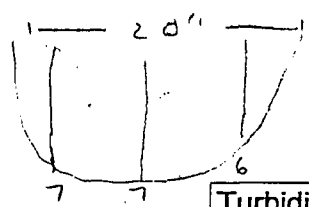
High-velocity width		Low-velocity width	
Dist.#1 6'	Time #1 2.82	Dist.#1 _____	Time #1 _____
Dist.#2 6'	Time #2 3.16	Dist.#2 _____	Time #2 _____
Dist.#3 6'	Time #3 2.65	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:





Sketch cross-section of channel:



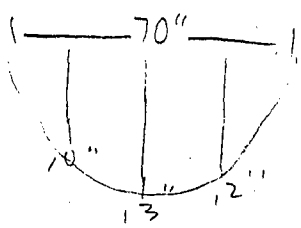
Comments:

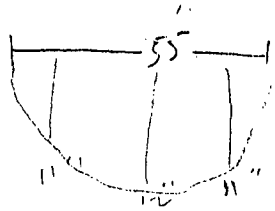
Turbidity 10 D NTU's
Measured by _____
Date/time _____

Location BIG Culvert (Squished) | Sampled by JK | Date 2-22
Rain start time 7AM | Current weather No rain | Time 1204
Peak stage _____ | Current stage _____
Culvert size 53"? | Culvert flow depth _____ | Culvert invert 37"

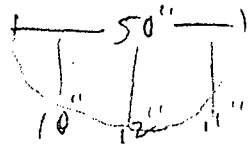
High-velocity width		Low-velocity width	
Dist.#1 9'	Time #1 3.14	Dist.#1 _____	Time #1 _____
Dist.#2 9'	Time #2 3.00	Dist.#2 _____	Time #2 _____
Dist.#3 9'	Time #3 3.25	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:





Sketch cross-section of channel:



Comments:

Turbidity 970 NTU's
Measured by _____
Date/time _____

Location BRICELAND/REDWOOD CREEK Sampled by JE Date 2/26/00

Rain start time 2/25 - 5:00 PM (APPROX) Current weather RAINING Time 10:30 AM

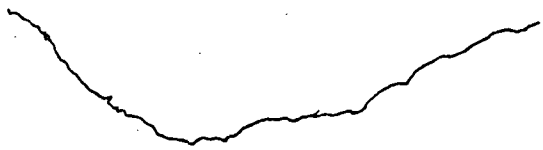
Peak stage _____ Current stage 2' 7"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

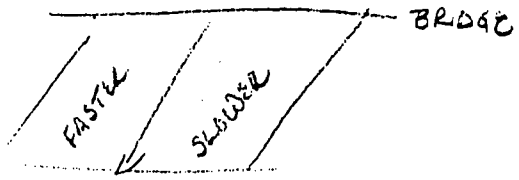
High-velocity width _____		Low-velocity width _____	
Dist.#1 _____	Time #1 _____	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

ID
ICP

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 12.7 NTU's
Measured by GH
Date/time 3/2/00

Location _____ Sampled by JE Date 2/26/00

Rain start time 2/25 Current weather RAINING Time 5:45 PM

Peak stage _____ Current stage 2' 8"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____		Low-velocity width _____	
Dist.#1 _____	Time #1 _____	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#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 44.9 NTU's
Measured by GH
Date/time 3/2/00 3 PM

Location _____ Sampled by JE Date 2/27/00

Rain start time 2/25 Current weather RAINING - STILL Time 9:35 AM

Peak stage _____ Current stage 3' 8"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____		Low-velocity width _____	
Dist.#1 _____	Time #1 _____	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#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 46.2 NTU's
Measured by GH

Comments:

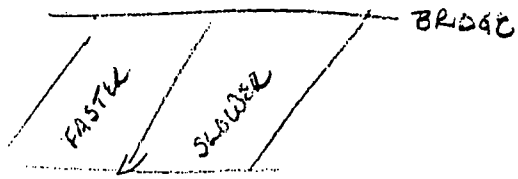
copied 3-8-00

Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 2/17/00 ✓
Rain start time _____ Current weather CLOUDS - NO RAIN Time 9:30 AM
Peak stage _____ Current stage 2' 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 _____

ID JCR

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

Turbidity 12.5 NTU's
Measured by GH
Date/time 3/2/00

Location _____ Sampled by [illegible] Date 2/18/00 ✓
Rain start time _____ Current weather CLEAR Time 9:30 AM
Peak stage _____ Current stage 1' 8"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 5.91 NTU's
Measured by GH
Date/time 3/2/00 3 PM

Location _____ Sampled by [illegible] Date 2/19/00 ✓
Rain start time _____ Current weather CLEAR Time 9:30 AM
Peak stage _____ Current stage 1' 7"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 6.34 NTU's 3 PM
Measured by GH 3/2/00

Location ~~Mill Prairie~~ Sampled by ~~TSA~~ Date 2/25/00

Rain start time yesterday AM, rain last night Current weather cloudy Time 2:45

Peak stage ? falling now Current stage 13'10" from rail of bridge

Culvert size _____ Culvert flow depth _____ Culvert invert _____

	High-velocity width		Low-velocity width
Dist.#1		Time #1 5.16 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:

Comments: * neighbor today told me that 10-20' chunks of the banks of McCready creek are sliding ≈ 1 mi up.

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

Location HH Sampled by Tisa Date 2/24/00

Rain start time showery off & on - no big rains Current weather sprinkles Time 3:00 PM

Peak stage _____ Current stage → 14'2½"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

	High-velocity width		Low-velocity width
Dist.#1		Time #1 6.8 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:

Comments: cold

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

Location HH Sampled by TSa Date 2/27/00

Rain start time last night Current weather _____ Time 10:30AM

Peak stage ? Current stage _____ 13'3"

Culvert size _____ Culvert flow depth _____ Culvert invert _____

	High-velocity width		Low-velocity width
Dist.#1		Time #1 4.8	Dist.#1 _____ Time #1 _____
Dist.#2		Time #2 4.9	Dist.#2 _____ Time #2 _____
Dist.#3		Time #3 _____	Dist.#3 _____ Time #3 _____

fast

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

2/27/00 N. 13'3"
HH 4.8 sec
10:30AM 4.9 sec

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location HH - freshwater | Sampled by Tisa | Date 2/16/00
Rain start time off + on today | Current weather showers | Time 5:10PM
Peak stage ? | Current stage 14'2½" from rail of bridge
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 6.7 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:

Comments:

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

Location HH - Freshwater | Sampled by Tisa | Date 2/22/00
Rain start time ≈ 7:30 AM | Current weather rain off + on | Time 1:30 PM
Peak stage rising | Current stage Ht. from bridge rail 14'6"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 8.5 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:

HH
2/22/00 14'6"
Tisa 1:30PM 8.5 sec. ≈½" rain this AM.

Comments: I heard ≈½" rain this AM

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

Location HH | Sampled by Tisa | Date 2/22/00
Rain start time ≈ 7:30 AM | Current weather rain | Time 4:00 PM
Peak stage ? Still rising | Current stage 13'10½" from rail
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 5.8 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:

2/22/00 13'10½"
4:00PM 5.8 sec.
HH rising

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied?____ By_____ Page 1 of____

Location HH stream Fwtr. Sampled By TSa Date 2/12/00
culvert (bridge) other___ Rain started when? last night Time 2:20PM
Rising_____ or Falling ? and/or Peak stage_____readings Turbidity 82.5 by JK
Stream Width_____ Current weather cloudy @ date/time 2/26/00 10:10
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations:
Notes:

rain started on this AM

from bridge rail: 14'4"

2/12/00 14'4"
2:20PM 7 sec.
slow, turbid

2/10/00
2 days ago AM

(The Creek looked pretty clear & before the drizzle began.)

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1 7.0 sec. Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream Fwtr. Sampled By TSa Date 2/13/00
culvert (bridge) other___ Rain started when? rain this AM Time 3:30PM
Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity 44.8 by JK
Stream Width_____ Current weather showers @ date/time 2/26/00
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations: 10:11
Notes:

14'5"

2/13/00 14'5"
3:30PM HH 7 sec.

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width _____ Low-velocity strand width _____
Distance 1_____ Time #1 7.1 sec Distance 1_____ Time #1_____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Location HH stream Fwtr. Sampled By TSa Date 2/14/00
culvert (bridge) other___ Rain started when? yesterday aft. Time 8:00 AM
? Rising_____ or Falling_____ and/or Peak stage_____readings Turbidity 327 by JK
Stream Width_____ Current weather raining @ date/time 2/26/00
May be peak? stage...
Depth reading_____or culvert invert_____or sketch x- section, showing depth measurements & locations: 10:14
Notes:

9'4" from rail

↑rain last night

* creek is on the verge of flooding - (last year water flowed over the road when measurement from rail = 8'8"

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ~8 ft. Low-velocity strand width _____
Distance 1_____ Time #1 3.9 Distance 1_____ Time #1 6.8 to S bank of fast strand
Distance 2 _____ Time #2 3.6 fastest Distance 2 _____ Time #2 _____ RH all back upstream
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____

Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By _____ Page ____ of ____

Location HH stream Fwtr Sampled By TJS Date 2/14/00
culvert (bridge) other ___ Rain started when? yesterday eve. Time 11:00 AM
Rising ____ or Falling ____ and/or Peak stage ____ readings Turbidity 238 by JK
Stream Width ____ Current weather rain off + on @ date/time 2/26/00
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations: 10:08
Notes: from rail = 9'10"

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ~6.7ft.
Distance 1 (sand) Time #1 4.1 sec.
Distance 2 ____ Time #2 4.3 sec.
Distance 3 ____ Time #3 ____

Low-velocity strand width ____
Distance 1 ____ Time #1 8.8 to left
Distance 2 ____ Time #2 7.1 to right
Distance 3 ____ Time #3 ____

as looking downstream

Location HH Rd Flood margin stream ____ Sampled By TJS Date 2/14/00
culvert ___ bridge ___ other Edge of Flood Rain started when? yesterday eve Time 2:20 PM
Rising ____ or Falling ____ and/or Peak stage ____ readings Turbidity 354 by JK
Stream Width ____ Current weather showers @ date/time 2/26/00
Depth reading ____ or culvert invert ____ or sketch x-section, showing depth measurements & locations: 10:09
Notes: ↑ rain around noon

Stakes placed at high water margin at HH road and in Gary Sacks's pasture

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____
Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____

Low-velocity strand width ____
Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____

Location HH stream Fwtr Sampled By TJS Date 2/15/00
culvert (bridge) other ___ Rain started when? 2/13 → continued 2/14 Time 3:15 PM
Rising ____ or Falling ____ and/or Peak stage ____ readings Turbidity 63.0 by JK
Stream Width ____ Current weather ____ @ date/time 2/26/00
Depth reading ____ or culvert invert ____ or sketch x- section, showing depth measurements & locations: 10:15
Notes: from rail 13'5"

2/15/00 13'5"
HH 3:15 6.3

Sketch map of high and low velocity strands:

VELOCITY: High-velocity strand width ____
Distance 1 ____ Time #1 6.3 sec.
Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____

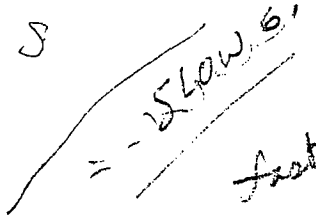
Low-velocity strand width ____
Distance 1 ____ Time #1 ____
Distance 2 ____ Time #2 ____
Distance 3 ____ Time #3 ____

Copied 3-8-00

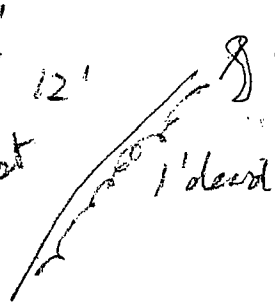
Location G6 | Sampled by JN | Date 2/14/00
Rain start time ____ | Current weather ____ | Time 11:33
Peak stage ____ | Current stage ↓ 2' 11"
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____

High-velocity width 12"	Low-velocity width 8'
Dist.#1 20 Time #1 2.67	Dist.#1 20 Time #1 4.01
Dist.#2 ____ Time #2 3.18	Dist.#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:

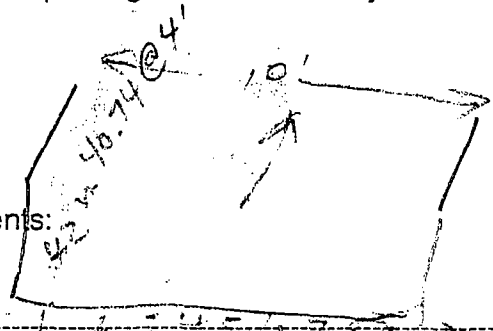
Turbidity ____ NTU's
Measured by ____
Date/time ____

Location ME | Sampled by JN | Date 2/14/00
Rain start time ____ | Current weather ____ | Time 16:05
Peak stage ____ | Current stage ↓ 24"
Culvert size 10'X 6' | Culvert flow depth 4' | Culvert invert ↓ 24"

2X6 grate and dis.

High-velocity width ____	Low-velocity width ____
Dist.#1 15' Time #1 6.23 Sec	Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 6.57 Sec	Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 6.87 Sec	Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

1 – 42 clicks in 40.74 Seconds @ 4.0'
2 – 41 40.57 @ 4.0
3 – 41 41.25 @ 3.8
4 – 38 41.15 @ 3.8
5 – 35 40.53 @ 4.3

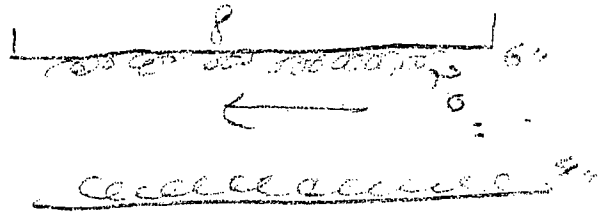
Comments:

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

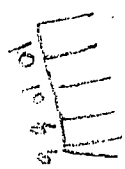
Location OVFlow near Steel Lane | Sampled by JN | Date 2/14/00
Rain start time ____ | Current weather ____ | Time 16:39
Peak stage ____ | Current stage 2/3 CV
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____

High-velocity width ____	Low-velocity width ____
Dist.#1 8' Time #1 1.63 Second	Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____	Dist.#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:

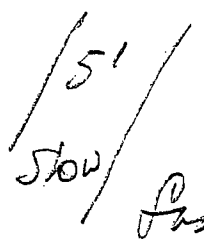
Turbidity ____ NTU's
Measured by ____
Date/time ____

copied 3-8-00

Location GG | Sampled by JN | Date 2/14/00
Rain start time _____ | Current weather _____ | Time 16:41
Peak stage FALLING | Current stage ↓ 3'5"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width 12'		Low-velocity width 5	
Dist.#1 20	Time #1 2.72	Dist.#1 20	Time #1 2.85
Dist.#2 20	Time #2 2.17	Dist.#2 20	Time #2 4.01
Dist.#3 20	Time #3 2.46	Dist.#3 20	Time #3 5.91

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

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

Location SFE 22 | Sampled by JN | Date 2-26-00
Rain start time Last night, Clearing; 15:03 Showers | Current weather RAIN | Time 17:54
Peak stage _____ | Current stage ↓ 18.7"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

see Discharge Sheet

Sketch cross-section of channel:

Comments:

Turbidity 16.4 NTU's
Measured by JN
Date/time 2-27-00 @ 20:01

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:

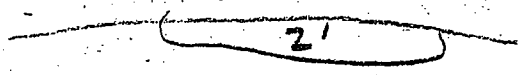
Comments:

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

Location 28.5 LSFE | Sampled by MLA | Date 2-14-00
Rain start time 16:00 2-13-00 | Current weather rain (intermittent) | Time 08:19
Peak stage _____ | Current stage 8½"
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width 6.3m + slack H2O	Low-velocity width _____
Dist.#1 6' Time #1 1:03	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 1:15	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

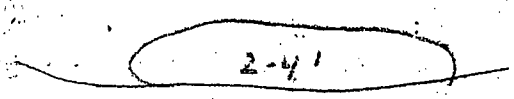
Sketch map of high and low velocity strands:



Sketch cross-section of channel:

→ all highvel. except pocketwater backeddying

Comments:

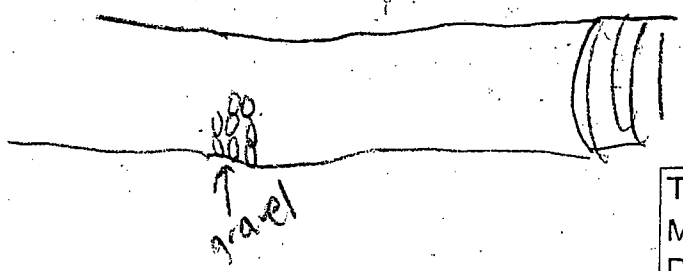


8:09 NTU's = A
Turbidity 8.20 NTU's = B
Measured by JN
Date/time 2-26-00 @ 20:46

Location SFE AA5 | Sampled by MLA, JN | Date 2-26-00
Rain start time 18:00 pm last night | Current weather overcast | Time 8:49
Peak stage _____ | Current stage _____
Culvert size 16" corr. | Culvert flow depth _____ | Culvert invert 3"

High-velocity width _____	Low-velocity width _____
Dist.#1 3' Time #1 9.8	Dist.#1 _____ Time #1 _____
Dist.#2 3' Time #2 8.5	Dist.#2 _____ Time #2 _____
Dist.#3 3' Time #3 6.3	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments:

Turbidity 75.5 NTU's
Measured by JN
Date/time 2-27-00 @ 20:41

Location SFE 7 A, B | Sampled by MLA, JN | Date 2-26-00
Rain start time 18:00 pm last night | Current weather overcast | Time 9:11
Peak stage _____ | Current stage _____
Culvert size 18" | Culvert flow depth 2" | Culvert invert ~~12~~ 12" down from top to water

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
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: 2.9 Sec / 0.5 cf / 10¼"
2.5 Sec / 0.5 cf / 10½ in"

Sketch cross-section of channel:

A = ditch
B = upslope

Comments:

147 NTU's = 7A
Turbidity 160 NTU's = 7B
Measured by JN
Date/time 2-27-00 @ 20:39

Location Amos Sly | Sampled by _____ | Date 2/13/00
Rain start time 2/12/00 | Current weather Rain | Time 12:55 AM
Peak stage _____ | Current stage _____ | pm on bottle
Culvert size 48" | Culvert flow depth _____ | Culvert invert 46"

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#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: Lost stop watch

Turbidity 26.4 NTU's
Measured by GH
Date/time 2/14/00 6 PM

Location Bills Hill | Sampled by G | Date 2/13/00
Rain start time 2/12/00 | Current weather Rain Heavy | Time 1:00 PM
Peak stage _____ | Current stage _____
Culvert size 6" | Culvert flow depth _____ | Culvert invert 54"

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#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 38.7 NTU's
Measured by GH
Date/time 2/14/00 6PM

Location JY Seely | Sampled by G | Date 2/13/00
Rain start time 2/12/00 | Current weather Rain | Time 13:15
Peak stage _____ | Current stage _____
Culvert size Bridge | Culvert flow depth _____ | Culvert invert 146"

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#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 56.1 NTU's
Measured by GH
Date/time 2/14/00 6:PM

Location JY Seeley | Sampled by GH | Date 2/13/00
Rain start time 2/12/00 | Current weather Heavy Rain | Time 9:45 PM
Peak stage Fucking High!! | Current stage Bridge | Date on bottle reads 1/13/00
Culvert size ~~U~~ | Culvert flow depth ____ | ~~Culvert~~ invert 119"
High-velocity width 24" | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#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: Too much water to get down to vel. stretch

Turbidity 1000!!! NTU's
Measured by GH
Date/time 2/14/00 6:PM

Location Rills Hill Seely | Sampled by GH | Date 2/13/00
Rain start time 2/12/00 | Current weather Rain | Time 10:21 PM
Peak stage ____ | Current stage ____
Culvert size 6' | Culvert flow depth ____ | Culvert invert 28"
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#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 1000!!! NTU's
Measured by GH
Date/time 2/14/00 6PM

Location AMOS Seely | Sampled by GH | Date 2/13/00
Rain start time 2/12/00 | Current weather Rain | Time 16:30
Peak stage ____ | Current stage ____
Culvert size 48" | Culvert flow depth ____ | Culvert invert 40"
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

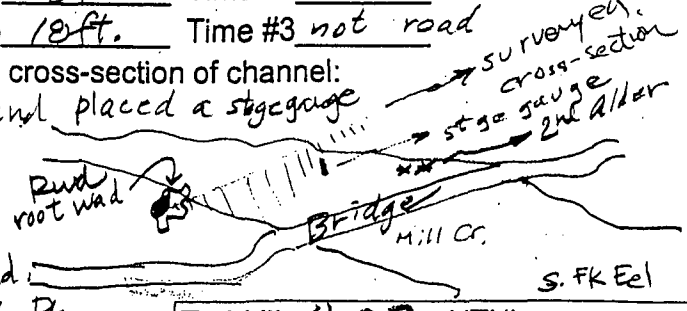
Comments:

Turbidity 265 NTU's
Measured by GH
Date/time 2/14/00 6:PM

Location Mill Cr. S.Fk. Eel | Sampled by Steven Day | Date 20000213
Rain start time 20000211 12:00hrs. | Current weather constant precipitation | Time 15:30 hrs.
Peak stage unknown | Current stage 12.5 | 50°F calm
Culvert size N/A | Culvert flow depth N/A | Culvert invert N/A

High-velocity width	Low-velocity width
Dist.#1 40 ft. Time #1 7.42 sec	Dist.#1 18ft. Time #1 not read
Dist.#2 45 ft. Time #2 8.94 sec	Dist.#2 18 ft. Time #2 not read
Dist.#3 50ft. Time #3 9.59 sec	Dist.#3 18ft. Time #3 not road

Sketch map of high and low velocity strands:
Jesse surveyed a cross-section and placed a stage gauge
#1 Distance = stage gauge to bridge
#2 : minus distance
#3 toss didn't reach

Sketch cross-section of channel:


Page: Bates Rd. in Standish-Hickey St. Pk.

Comments:
4 Distance = stage guage to 2nd Alder
5
6

Turbidity 4.28 NTU's
Measured by G H
Date/time 2/24/00 9:15 PM

Location MILL CR., S.FK. EEL | Sampled by Steven Day | Date 20000214
Rain start time 20000211 12:00hrs. | Current weather RAIN HEAVY 50° | Time 16:00
Peak stage 23.0 | Current stage 23.0 | calm
Culvert size N/A | Culvert flow depth N/A | Culvert invert N/A

High-velocity width	Low-velocity width
Dist.#1 50 Time #1 7.00 sec.	Dist.#1 Time #1
Dist.#2 50 Time #2 6.00 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:

Comments:

Turbidity 38.8 NTU's
Measured by G H
Date/time 2/24/00 9:15 PM

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

Sprowel Crk

Watershed Watch
Grab Sampling Field Data Sheet

Lab/ data base info: HydroYear 2000 Copied? 3-8-00 By Page of

Location A stream Sprol Crk Sampled By MH Date 2/12/00
culvert X bridge ___ other ___ Rain started when? 2/11 Time 1:15 p.m.
Rising __ or Falling X or Peak ___ Stage Current weather cloudy Turbidity 27.3
Stream Width ______
Stage reading 4" or culvert invert ____ or sketch cross section, showing depth measurements & locations:

last high was at 6"

Turb 27.3
2/24/00
9:15 PM GH

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1 20" Time #1 6 sec Distance 1 _____ Time #1 _____
Distance 2 20" Time #2 6 sec Distance 2 _____ Time #2 _____
Distance 3 20" Time #3 6 sec Distance 3 _____ Time #3 _____
Notes:

Location A stream Spral Crk Sampled By MH Date 2/14/00
culvert X bridge ___ other ___ Rain started when? 2/13 Time 1:00 p.m
Rising __ or Falling X or Peak ___ Stage Current weather Raining Turbidity E 3
Stream Width ______
Stage reading 1'8" or culvert invert ____ or sketch cross section, showing depth measurements & locations:

last high was 2' 5"

Turb E 3
2/24/00 GH
9:15 PM

the Scale [illegible]

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1 20 Time #1 2 Distance 1 _____ Time #1 _____
Distance 2 20 Time #2 3 Distance 2 _____ Time #2 _____
Distance 3 20 Time #3 2 Distance 3 _____ Time #3 _____
Notes:

Location _______ stream _____ Sampled By ______ Date _______
culvert ___ bridge ___ other ___ Rain started when? _______ Time _______
Rising __ or Falling __ or Peak ___ Stage Current weather _______ Turbidity _______
Stream Width ______
Stage reading ____ or culvert invert ____ or sketch cross section, showing depth measurements & locations:

Velocity Sketch map of high and low velocity strands:
High-velocity strand width _____ Low-velocity strand width _____
Distance 1 _____ Time #1 _____ Distance 1 _____ Time #1 _____
Distance 2 _____ Time #2 _____ Distance 2 _____ Time #2 _____
Distance 3 _____ Time #3 _____ Distance 3 _____ Time #3 _____
Notes:

Location Jim Koch's Creek | Sampled by Victoria Baker | Date 2.14.99 00
Rain start time 0000 2-13-00 stopped 1600 2.14.00 | Current weather clearing | Time 1830
Peak stage _____ | Current stage 56"
Culvert size BLOCK Culvert flow depth BR Culvert invert 56"
High-velocity width 40" | Low-velocity width N/A
Dist.#1 9' Time #1 1 sec | Dist.#1 _____ Time #1 _____
Dist.#2 9' Time #2 1 sec | Dist.#2 _____ Time #2 _____
Dist.#3 9' Time #3 2 sec ? | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: Transect too clunky

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 ~~Jim Kochs Creek~~ (copied 3-8-00) Sampled by Victoria Baker Date 2-11-00

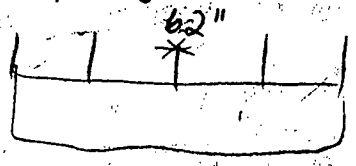
Rain start time ~0700 Current weather raining Time ~~1645~~

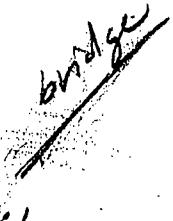
Peak stage _____ Current stage ~~62"~~ BRIDGE

~~Culvert size~~ Bridge Culvert flow depth _____ ~~Culvert~~ invert 62"

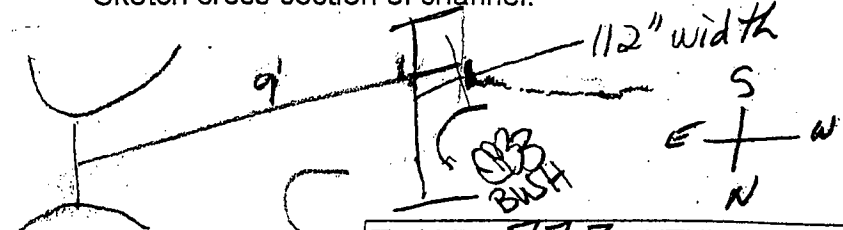
High-velocity width 30"		Low-velocity width N/A	
Dist.#1 9'	Time #1 2.5 secs	Dist.#1 _____	Time #1 _____
Dist.#2 9'	Time #2 3 secs	Dist.#2 _____	Time #2 _____
Dist.#3 9'	Time #3 3 secs	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:





Sketch cross-section of channel:



Comments: width of 112' includes a trickle to north side, width 104" without

Turbidity 77.3 NTU's
Measured by George
Date/time 5:30pm 2.12.00

Location Jim Kochs Creek Sampled by Victoria Baker Date 2/13/00

Rain start time ~0000 Current weather intermittent rain-constant Time 1530

Peak stage _____ Current stage 59"

~~Culvert size~~ BRIDGE Culvert flow depth BR ~~Culvert~~ invert 59"

High-velocity width 32"		Low-velocity width N/A	
Dist.#1 9'	Time #1 2 sec	Dist.#1 _____	Time #1 _____
Dist.#2 9'	Time #2 1.5 sec	Dist.#2 _____	Time #2 _____
Dist.#3 9'	Time #3 1 sec	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments: Flow to 112" across is now full on north side

Turbidity 88.6 NTU's
Measured by G
Date/time 5:40pm 2.14.00

Location Jim Kochs Creek Sampled by Victoria Date 2/13/00

Rain start time ~0000 Current weather raining hard Time 2030

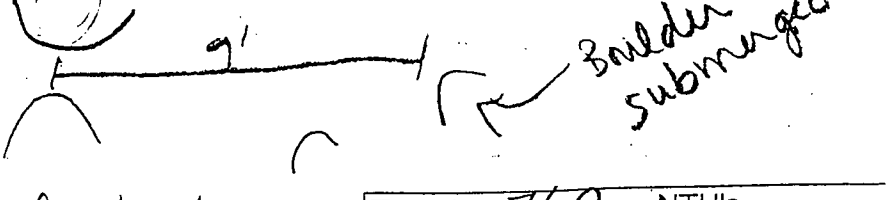
Peak stage _____ Current stage 58"

~~Culvert size~~ BRIDGE Culvert flow depth BR ~~Culvert~~ invert 58"

High-velocity width 35"		Low-velocity width N/A	
Dist.#1 9'	Time #1 1	Dist.#1 _____	Time #1 _____
Dist.#2 9'	Time #2 1	Dist.#2 _____	Time #2 _____
Dist.#3 9'	Time #3 1	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments: timer not sufficiently fine-tuned will seek to improve testing situation

Turbidity 760 NTU's
Measured by George
Date/time 5:40pm 2.14.00

copied 3-8-00

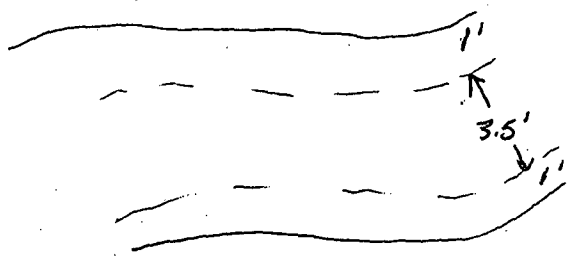
JGC 2-11-00 15:15

Rain start 10:00 Current rain

Peak 3" Current 2½"

Highv width 3.5' Slow 2'

Dist 20' Time 28 sec Dist 16' Time 31 sec

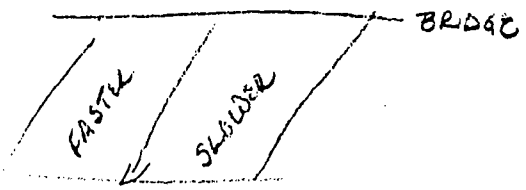


Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 2/14/00
Rain start time 2/13 Current weather RAINING - HARD Time 9:15 AM
Peak stage _____ Current stage (BIG STORM) 4' 9"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

ID
JCR

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

Turbidity 217 NTU's
Measured by DH
Date/time 2/17/00

Location _____ Sampled by [illegible] Date 2/14/00
Rain start time _____ Current weather CLOUDS - NOT RAINING Time 6:30 PM
Peak stage _____ Current stage 3' 10"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 200 NTU's
Measured by DH
Date/time 2/17/00

Location _____ Sampled by [illegible] Date 2/15/00
Rain start time _____ Current weather PARTLY CLOUDY Time 8:45 AM
Peak stage _____ Current stage 3' 10"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

2/15/00
8:00 PM
[illegible]
WEATHER - PARTLY CLOUDY - NO RAIN
STAGE - 2' 5"

Turbidity 31.4 NTU's
Measured by [illegible]

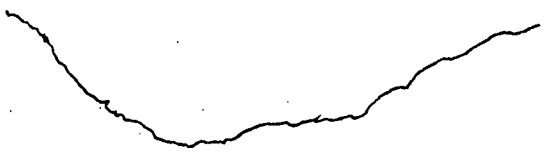
copied 3-8-00

Location BRICELAND/REDWOOD CREEK Sampled by GH Date 2/7/00
Rain start time 2/9/00 Current weather LIGHT RAIN Time 9:30 AM
Peak stage _____ Current stage 1'7"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

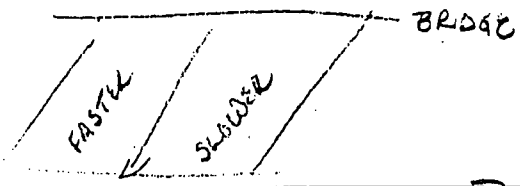
High-velocity width		Low-velocity width	
Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

1D
JCL

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 3.20 NTU's
Measured by GH
Date/time 2/17/00 5:30 PM

Location _____ Sampled by GH Date 2/10/00
Rain start time 2/9/00 Current weather CLEAR Time 10:00 AM
Peak stage _____ Current stage 1'4"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#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 11.4 NTU's
Measured by GH
Date/time 2/17/00

Location _____ Sampled by GH Date 2/13/00
Rain start time 2/12/00 AM Current weather RAINING Time 5:45 PM
Peak stage _____ Current stage 2'6"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

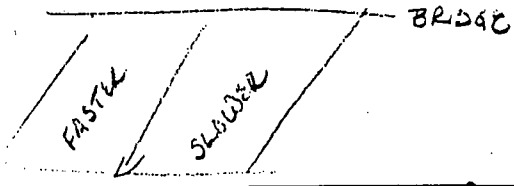
Turbidity 217 NTU's
Measured by:

Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 2/3/00
Rain start time _____ Current weather RAINING Time 8:00 PM
Peak stage _____ Current stage 2'2"
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 _____

ID JCR

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments:

Turbidity 7.52 NTU's
Measured by Georje
Date/time 2/7/00 3:PM

Location _____ Sampled by [illegible] Date 2/4/00
Rain start time _____ Current weather LIGHT RAIN Time 6:30 PM
Peak stage _____ Current stage 1'9
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 4.57 NTU's
Measured by Georje
Date/time 2/7/00 3PM

Location _____ Sampled by [illegible] Date 2/5/00
Rain start time _____ Current weather RAINING Time 11:00 AM
Peak stage _____ Current stage 1'9"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 20.3 NTU's
Measured by GH 2/7/00 3PM

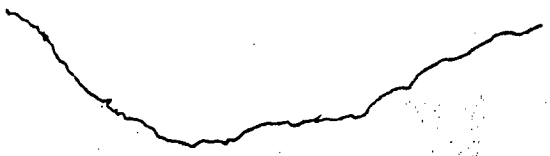
copied 3-8-00

Location BRICELAND/REDWOOD CREEK Sampled by [illegible] Date 2/6/00
Rain start time _____ Current weather CLEAR Time 2:30 PM
Peak stage _____ Current stage 1'7"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

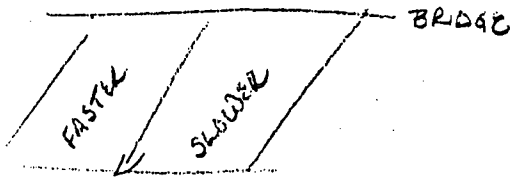
High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

ID JCR

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 5.02 NTU's
Measured by George
Date/time 2/7/00 3PM

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:

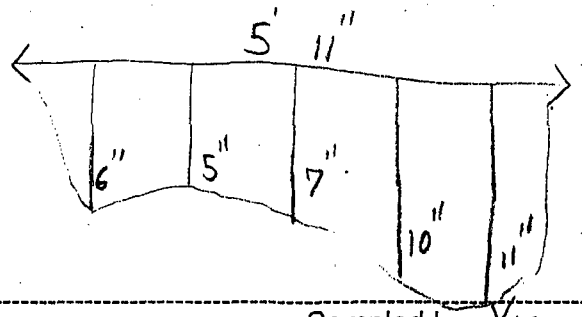
Turbidity _____ NTU's
Measured by

Location Howard Hts. Sampled by Yarrow King Date 1-30-00
Rain start time 4:00 AM Current weather light rain Time 11:15 AM
Peak stage ? Current stage ?
Culvert size _____ Culvert flow depth _____ Culvert invert 14' 6" From ↑ on railing
High-velocity width 171" Low-velocity width 150
Dist.#1 25' 9" Time #1 7.85 s Dist.#1 23' 3" Time #1 36.99 s
Dist.#2 25' 9" Time #2 7.26 s Dist.#2 23' 3" Time #2 33.85 s
Dist.#3 25' 9" Time #3 8.19 s Dist.#3 23' 3" Time #3 53.06 s
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity 47.8 NTU's
Measured by C.F.
Date/time 2-7-00 @ 19:32

Location Mc. Kreedy Sampled by Yarrow King Date 1-30-00
Rain start time 4:00 AM Current weather drizzle Time 11:44 AM
Peak stage ? Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 5' 11" Low-velocity width 0
Dist.#1 10' Time #1 3.62 s Dist.#1 _____ Time #1 _____
Dist.#2 10' Time #2 3.29 s Dist.#2 _____ Time #2 _____
Dist.#3 10' Time #3 3.30 s 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 C.F.
Date/time 2-7-00 @ 19:34

Location Cloony Sampled by Yarrow King Date 1-30-00
Rain start time 4:00 AM Current weather Raining (Hard) Time 12:00 PM
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert 3' 9"
High-velocity width _____ Low-velocity width _____
Dist.#1 7.3" Time #1 3.93 s Dist.#1 _____ Time #1 _____
Dist.#2 7' 3" Time #2 4.43 s Dist.#2 _____ Time #2 _____
Dist.#3 7' 3" Time #3 3.72 s Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

This Marks one

2-7-00
By C.F. @ 19:36

Comments:

Turbidity 97.9 NTU's
Measured by _____
Date/time

Location Howard Hts | Sampled by Y.K. A.B | Date 2-5-00
Rain start time 4:30AM | Current weather on/off rain | Time 10:06AM
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert 15' 1" From ↑ on railing
High-velocity width 9' | Low-velocity width 32'
Dist.#1 24' 3" Time #1 12.43s | Dist.#1 _____ Time #1 _____
Dist.#2 24' 3" Time #2 15.96s | Dist.#2 _____ Time #2 _____
Dist.#3 24' 3" Time #3 14.94s | 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:

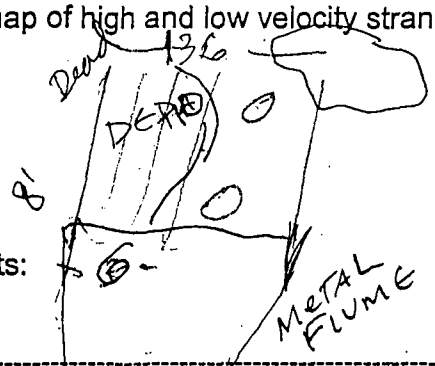
Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

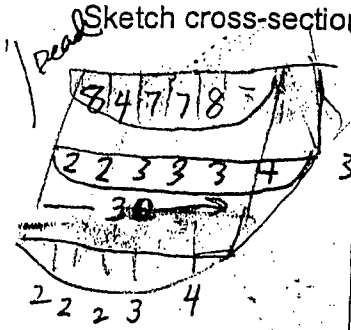
Location LOWER SH T 5E26 Sampled by JN Date 2-5-00
Rain start time _____ Current weather Shower Time 15:08
Peak stage _____ Current stage _____
Culvert size 4'2" Culvert flow depth 3-4" Culvert invert 3'10"

High-velocity width		Low-velocity width	
Dist.#1 8	Time #1 3.39	Dist.#1	Time #1
Dist.#2 8	Time #2 3.23	Dist.#2	Time #2
Dist.#3 8	Time #3 2.56	Dist.#3	Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



THIS is the North of TWO Creeks side by side

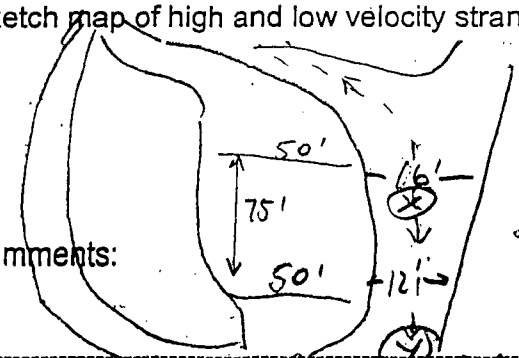
Comments:

Turbidity 0.80 NTU's
Measured by JN
Date/time 15:24

Location L5FT 5E23 Trail head Sampled by JN Date 2-5-00
Rain start time _____ Current weather Shower Time 15:37
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:

QUART MINUTE est.

Piping developed at (X)
Logs visable below ground surface
Sample taken at -y-

Comments:

Turbidity 386 NTU's
Measured by JN
Date/time 15:39 2-5-00

Location L5FT Todd rd ditch Sampled by JN Date 2-5-00
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size 18 Culvert flow depth 1 Culvert invert 17

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

Sketch map of high and low velocity strands:

9" in 5 Gallon Bucket in 17, 18 seconds

800 - 1000' ditch

75% of Road drain to ditch in low flow, more in higher flow

TODD RANCH TO CV

Sketch cross-section of channel:

Comments:

Turbidity 249 NTU's
Measured by JN
Date/time 16:04 2-5-00

Location LOWER SFT @ ML 9 Sampled by JN Date 2/5/00
Rain start time _____ Current weather DRIZZLE Time 14:07
Peak stage _____ Current stage _____
Culvert size 18" Culvert flow depth 2"/1" Culvert invert @ OUTLET - ↓17" = 1" flow INLET IS CRUSHED
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

5 gallons in 9.71 seconds

2 X 6 BOTTLE

400' inboard ditch

Comments:

Turbidity 163 NTU's
Measured by JN
Date/time 14:09 2/5/00

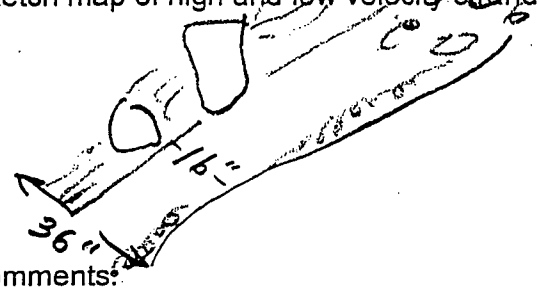
Location SFT @ TODD RANCH Sampled by JN Date 2/5/00
Rain start time MIDNIGHT I Current weather DRIZZLE Time 14:33
Peak stage _____ Current stage NEAR PEAK?
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

2 X 6 SAMPLE JAR

Comments:

Turbidity 37.6 NTU's
Measured by JN
Date/time 14:34 2/5/00

Location Lower SFT part 5 NO3 Sampled by JN Date 2/5/00
Rain start time #4? Current weather Light Shower Time 14:52
Peak stage _____ Current stage Falling
Culvert size 6' Culvert flow depth 3-4" Culvert invert 5' 9"
High-velocity width 16" 3.37 Low-velocity width DEAD
Dist.#1 10' Time #1 3.22 Dist.#1 _____ Time #1 _____
Dist.#2 10' Time #2 4.09 Dist.#2 _____ Time #2 _____
Dist.#3 10' Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

Turbidity 0.62 NTU's
Measured by JN
Date/time 14:58 2/5/00

Location LOWER SFT | Sampled by JN | Date 2/5/00
Rain start time MID NIGHT ± | Current weather Shower (Light) | Time 13:38
Peak stage _____ | Current stage _____
Culvert size 24" | Culvert flow depth 2 | Culvert invert crushed

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

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

North

Comments: Edge of grazed hillslope

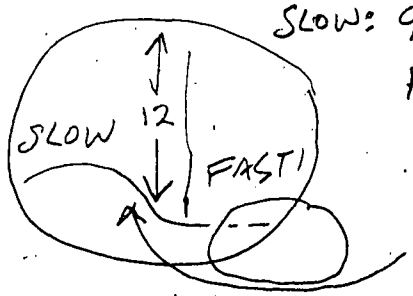
Turbidity 0.80 NTU's
Measured by JN
Date/time 13:38

Location LOWER SFT Past grazed | Sampled by JN | Date 2/5/00
Rain start time In OAKS | Current weather DRIZZLE | Time 13:45
Peak stage _____ | Current stage _____
Culvert size 48 | Culvert flow depth 12" | Culvert invert 36

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

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

SLOW: 96 revolutions at 1 CLICK PRICE AA IN 40.41 seconds
FAST IS TO FAST TO MEASURE



Comments:

Turbidity 2.27 NTU's
Measured by JN
Date/time 13:47 2/5/00

Location LOWER SFT N. ditch | Sampled by JN | Date 2/5/00
Rain start time Past asphalt | Current weather Shower | Time 13:56
Peak stage at grazed area ~9 M.? | 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:

INside ditch 200' + feet to 18" CV.
2 3/4 X 7" Sample Bottle filled 5.5" in 4.11 seconds

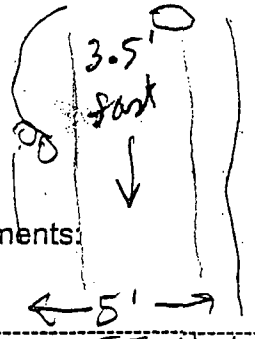
TRI 9

Comments:

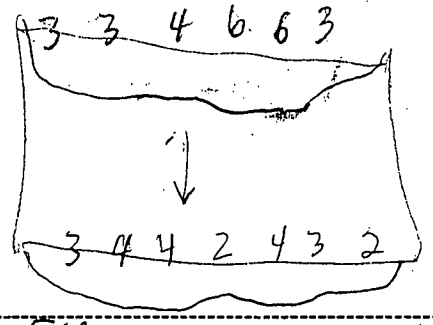
Turbidity 629 NTU's
Measured by JN
Date/time 13:58 2/5/00

Rain start time _____ Current weather Clearing Time 12:46
Peak stage _____ Current stage falling
Culvert size 48" Culvert flow depth 5" Culvert invert 3.7"
High-velocity width 3.5' Low-velocity width RL 1'
Dist.#1 8' Time #1 3.17 Dist.#1 8' Time #1 3.56
Dist.#2 8' Time #2 2.99 Dist.#2 8' Time #2 3.77
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 2.71 NTU's
Measured by JN
Date/time 12:50

Location SFT HOLMES FARM Sampled by JN Date 2/5/00
Rain start time _____ Current weather shower Time 13:10
Peak stage _____ Current stage _____
Culvert size 42 Culvert flow depth 3-4" Culvert invert 39
High-velocity width _____ Low-velocity width _____
Dist.#1 THRU Time #1 10:12 sec/50' Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 2.71 NTU's
Measured by JN
Date/time 13:15

Location 9FT (LOWER) PAST HOLMES Sampled by JN Date 2/5/00
Rain start time _____ Current weather DRIZZLE Time 13:25
Peak stage _____ Current stage _____
Culvert size 36 Culvert flow depth _____ Culvert invert 2.8"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#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 3.62 NTU's
Measured by JN
Date/time 13:28 2/5/00

Rain start time MIDNITE copied 3-8-00 | Current weather Showers | Time 12:00
Peak stage _____ | Current stage FALLING
Culvert size 36" | Culvert flow depth 3" | Culvert invert ↓39"
High-velocity width INSIDE CV | Low-velocity width _____
Dist.#1 5' | Time #1 1.55 | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Sample = 2 3/4 X 7" Bottle

5.26 NTU on 2/18/00 at 17:00 By JN

Comments:

Turbidity 4.91 NTU's
Measured by JN
Date/time 12:03 2/5/00

Location HENNESSY Rd ditch at SFT Road | Sampled by JN | Date 2/5/00
Rain start time _____ | Current weather Light Shower | Time 12:08
Peak stage _____ | Current stage 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:

2 1/4" X 6" BOTTLE IN 3.13 seconds = 1/2 TOTAL Flow

SAMPLE: Hrd ditch 12:08 2/5/00 in 2" X 5" Plastic Bottle
131 NTU @ 17:10 on 2/18/00 By JN

Comments:

Turbidity 136.0 NTU's
Measured by JN
Date/time 12:14

Location lower SFT Rd mile 4? | Sampled by JN | Date 2/5/00
Rain start time MIDNITE ± | Current weather Shower Light | Time 12:21
Peak stage _____ | Current stage Falling
Culvert size 24 | Culvert flow depth 1 | Culvert invert NG
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ | Time #1 _____ | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

CV is partially clogged w/sed

Road mile 5 marked painted on rd 300 paces

inside ditch length = 540 paces = 24-27" Pace

most sediment at this time is from top (rivulet over headscarp of landslide) of slide @ 100 paces

Comments: 5 gal bucket in 7 seconds

Turbidity >1000 NTU's
Measured by JN
Date/time 12:25

copies 2-6-00

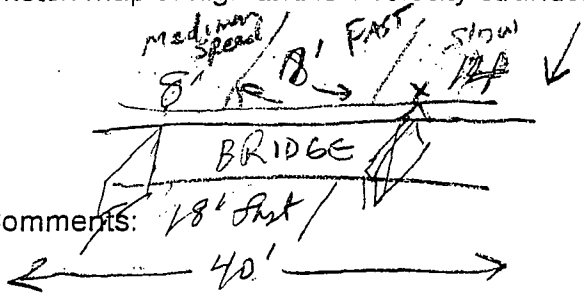
Location HENNESSEY N/S SALE | Sampled by JN | Date 2-5-00
Rain start time _____ | Current weather Clear | Time 17:14
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | 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:

east 1 PINT MINUTE Rd ditch/disturbed ground
Fen Timber Sale
2¾ X 7 bottle

Comments:

Turbidity 81.0 NTU's
Measured by JN
Date/time 17:16 2-5-00

Location HH Freshwater | Sampled by JN | Date 2/14/00
Rain start time 32 hours ago | Current weather Rain | Time 10:32
Peak stage ↑ | Current stage 10'3" ↓ Rail at western footbridge pier (X)
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 THRU Time #1 5.04 sec | Dist.#1 _____ Time #1 _____
Dist.#2 " Time #2 5.47 | Dist.#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 @ Bob Londons is ↓37" on Bank gauge

Comments:

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

Location MC | Sampled by JN | Date 2/14/00
Rain start time _____ | Current weather SPRINKLE | Time 11:24
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert 3'2" ↓
High-velocity width _____ | Low-velocity width _____
Dist.#1 15' Time #1 5.53 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#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_____ 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 Toms Gulch 0.5 | Sampled by Michelle | Date 3/17/00
Rain start time _____ | Current weather clear | Time 10:28
Peak stage _____ | Current stage 3.26 m
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#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 sheet for 3/17/00 done betw. 10:20 and 11:03

Comments:

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

Location Toms Gulch | Sampled by M | Date 3/17/00
Rain start time _____ | Current weather clear | Time 10:50
Peak stage _____ | Current stage 3.26
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#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 sheet for 3/17/00 done betw. 10:20 and 11:03

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 JGC | Sampled by MLA | Date 4/27/00
Rain start time 08 00 | Current weather rain | Time 1130
Peak stage — | Current stage 1 3/4 ft

Culvert size _____ Culvert flow depth _____ Culvert invert _____

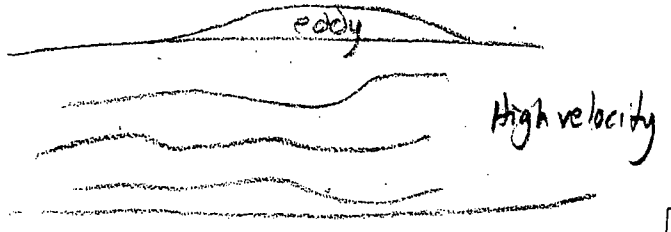
High-velocity width ~4.5' | Low-velocity width ~1/2' - backwater eddy

Dist.#1	20	Time #1	11.25	Dist.#1	Time #1
Dist.#2	20	Time #2	13.13	Dist.#2	Time #2
Dist.#3	20	Time #3	12.28	Dist.#3	Time #3

Av 12.22

no time taken

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments: stage

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 JGC | Sampled by MLA | Date 3-7-00
Rain start time 17:30 | Current weather showers | Time 20:27
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:

- no sample taken PVC stolen - people suck

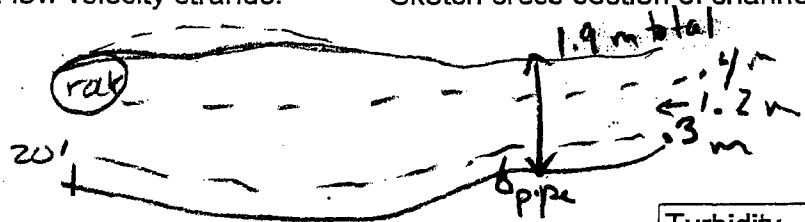
Comments:

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

Location JGC | Sampled by MLA | Date 3-10-00
Rain start time 15:30 (and morn showers) | Current weather rain | Time 16:30
Peak stage unknown - prob not yet | Current stage 3"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width .7	Low-velocity width 1.2
Dist.#1 20' Time #1 14	Dist.#1 20' Time #1 18
Dist.#2 20' Time #2 14.5	Dist.#2 20' Time #2 25
Dist.#3 20' Time #3 14	Dist.#3 20' Time #3 20

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments: morning showers from @ 9-10:30

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

Location JGC | Sampled by MLA | Date 3-10-00
Rain start time 20:00 | Current weather rain | Time 21:05
Peak stage _____ | Current stage 4 1/2"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	~~Low-velocity~~ width 1.8
Dist.#1 _____ Time #1 _____	Dist.#1 20' Time #1 12 Sec
Dist.#2 _____ Time #2 _____	Dist.#2 20' Time #2 11
Dist.#3 _____ Time #3 _____	Dist.#3 20' Time #3 14

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

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

Location Seeley Bridge | Sampled by JN | Date 3-4-00
Rain start time _____ | Current weather RAIN | Time 17:17
Peak stage _____ | Current stage ↓ 12' 9"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

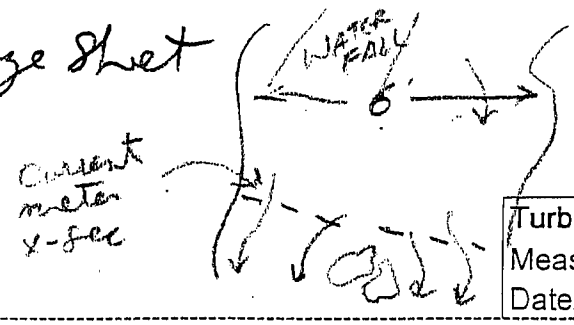
See Discharge Sheets

Comments:

Turbidity 43.7 NTU's
Measured by JN
Date/time 3-5-00 @ 14:15

Location DORA ST EEL | Sampled by JN | Date 3-4-00
Rain start time _____ | Current weather OVERCAST | Time 18:20
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:

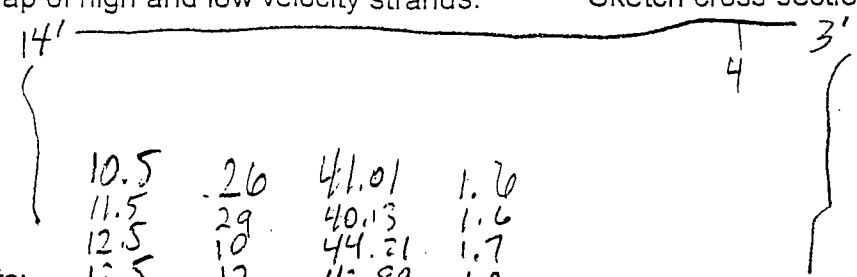
See Discharge Sheet



Comments:

Turbidity 1.61 NTU NTU's
Measured by JN
Date/time 3-5-00 @ 13:06

Location ROCK SF EEL | Sampled by JN | Date 3-4-00
Rain start time 9:00 AM | Current weather RAIN | Time 18:50
Peak stage _____ | Current stage 7' 10" ↓ BRIDGE DECK (TOP)
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 19:15 54 mi
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



10.5	26	41.01	1.6
11.5	29	40.13	1.6
12.5	10	44.21	1.7
13.5	17	43.89	1.2

Ticks	Seconds	depth
4'	42.11	1.0
5.5	41.97	1.0
6.5	41.36	1.0
7.5	40.5	1.2
8.5	41.64	1.3
9.5	41.14	1.5

Comments:

Turbidity 6.16 NTU's
Measured by JN
Date/time 3-5-00 @ 14:20

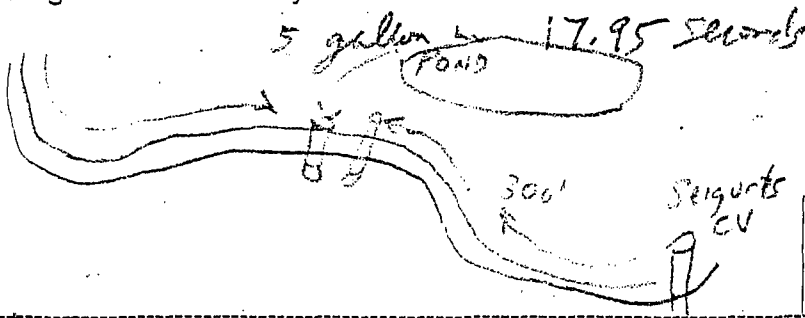
Location Seeley, SUSANS 2nd CV | Sampled by JN | Date 3-4-00
Rain start time _____ | Current weather _____ | Time 16:05
Peak stage _____ | Current stage _____
Culvert size 24" | Culvert flow depth 5" | Culvert invert _____ Concrete CV
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

5 gallon in 3:34 seconds (includes ditch to left of pond) 600'
Sample from Creek only (pond overflow)

Comments:

Turbidity 12.4 NTU's
Measured by JN
Date/time 3-5-00 @ 14:18

Location Seeley, SUSANS 2nd CV | Sampled by JN | Date 3-4-00
Rain start time _____ | Current weather _____ | Time 16:10
Peak stage _____ | Current stage _____
Culvert size 24" | Culvert flow depth 3/4 | Culvert invert _____ Concrete CV
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

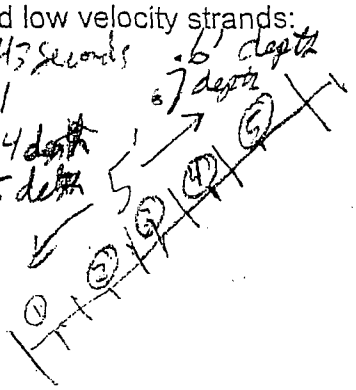


Comments:

Turbidity 122 NTU's
Measured by JN
Date/time 3-5-00 @ 14:16

Location Seeley @ Skyline CV | Sampled by JN | Date 3-4-00
Rain start time _____ | Current weather _____ | Time 16:35
Peak stage RISING | Current stage 5" on Stage gauge @ Skyline CV
Culvert size 7'? | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

32 Clicks in 40.43 seconds
28 41.11
33 in 40.69, .4 depth
30 in 43.26 @ .5 depth
7 in 41.32 @ .5



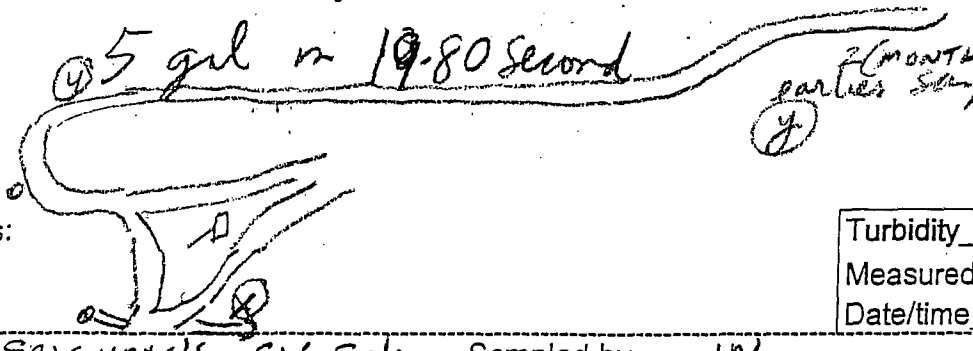
5½ feet in width

Comments:

Turbidity 42.7 NTU's
Measured by JN
Date/time 3-5-00 @ 14:13

Location N Rd Seeley | Sampled by JN | Date 3-4-00
Rain start time 9:00 TODAY | Current weather RAIN LIGHT | Time 15:43
Peak stage _____ | Current stage _____
Culvert size 24" | Culvert flow depth 3/4 | Culvert invert Corrugated
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

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

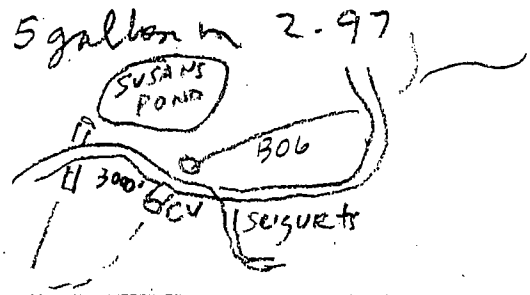


Comments:

Turbidity 837 NTU's
Measured by JN
Date/time 3-5-00 @ 14:36

Location Seigurt's CV Seeley | Sampled by JN | Date 3-4-00
Rain start time _____ | Current weather Rain | Time 15:52
Peak stage _____ | Current stage RISING
Culvert size 24" | Culvert flow depth 3" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

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

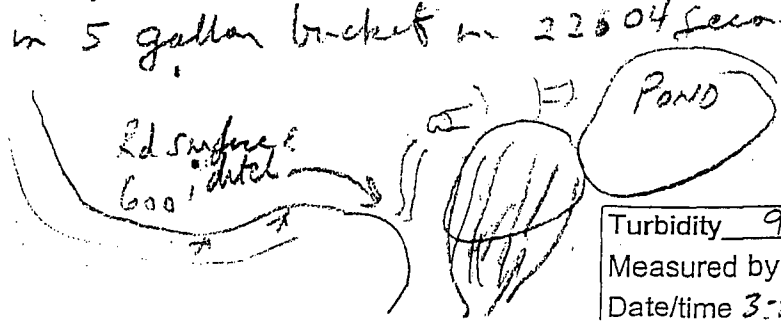


Comments:

Turbidity 20.8 NTU's
Measured by NTU
Date/time 3-5-00 @ 14:35

Location Seeley, Susan's Pond Rd ditch | Sampled by _____ | Date 3-4-00
Rain start time _____ | Current weather _____ | Time 15:02
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 970 NTU's
Measured by NTU
Date/time 3-5-00 @ 14:33

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 _____

copies 6/7-00

Location SF EEL @ mile 8.96 | Sampled by JN, SB | Date 4-9-00
Rain start time No PHILLIPS 66 | Current weather Clear | Time 19:36
Peak stage _____ | Current stage Low/BASE Flow
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

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

7:05 Noted turbid water from Freeway
FOUND BANK failure at mile 8.13
on West side of river. Sample taken
@ 7:40

Comments:

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

Location SF EEL | Sampled by JN, SB | Date 4-9-00
Rain start time _____ | Current weather _____ | Time 17:44
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:

Downstream ahead of plume sample taken at
mile 10,
mile 11.5 - Rock construc trail road Turnaround/mile access

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 JN | Date 5-9-00
Rain start time HARD SHOWER @ 11:15 | Current weather _____ | Time 11:30
Peak stage _____ | Current stage ↑ 0.52
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

grab sample taken in DIS Bottle

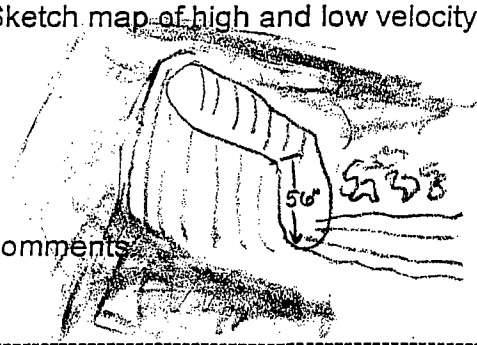
Comments:

Turbidity 130.1 NTU's
Measured by JN
Date/time 5-11-00 @ 11:50

Location Graham Gulch | Sampled by JN | Date 5-10-00
Rain start time _____ | Current weather _____ | Time 20:03
Peak stage _____ | Current stage ↓ 56" from EDGE OF CULVERT
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

grab sample in DIS bottle

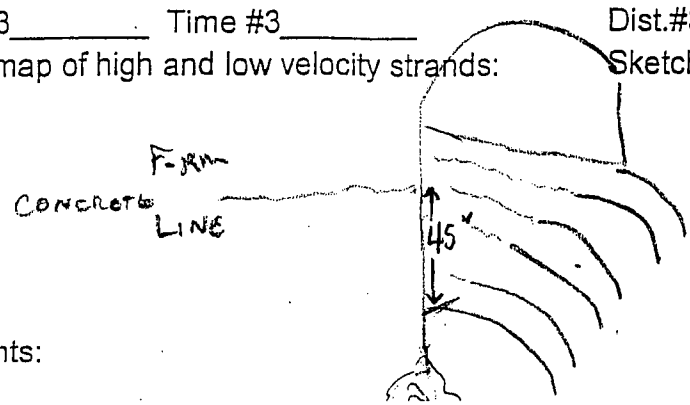
Comments:

Turbidity 57.2 NTU's
Measured by JN
Date/time 5-12-00 @ 10:15

Location CLONEY | Sampled by JN | Date 5-10-00
Rain start time _____ | Current weather _____ | Time 20:07
Peak stage _____ | Current stage ↓ 45" below form line in concrete
Culvert size _____ Culvert flow depth _____ Culvert invert _____

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

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

grab sample in DIS bottle

Comments:

Turbidity 65.6 NTU's
Measured by JN
Date/time 5-12-00 @ 10:18

Location McCready | Sampled by JN | Date 5-10-00

Rain start time _____ | Current weather DRIZZLE | Time 20:13

Peak stage _____ | Current stage ↓68"

Culvert size _____ | Culvert flow depth 6" | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

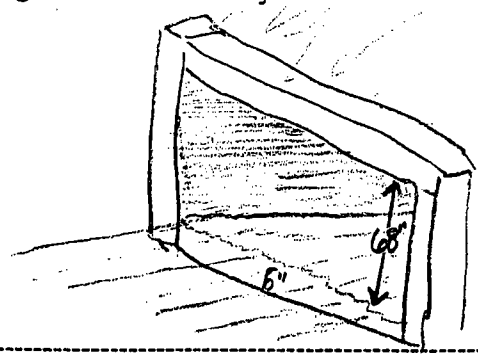
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____

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

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

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



grab-sample in DIS Bottle

Comments:

Turbidity 52.0 NTU's
Measured by JN
Date/time 5-12-00 @ 10:21

Location G6 | Sampled by JN | Date 05-12-00

Rain start time _____ | Current weather _____ | Time 13:50

Peak stage _____ | Current stage ↓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:

Comments:

Turbidity 30.1 NTU's
Measured by JN
Date/time 5-13-00 @ 15:12

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 _____