

1-14-2009

Ex. 279-US-432

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Stream: Sycan River

Site: SY-5

Date: 4/12/2004

Habitat: Run

Flow: Mid

(1) Level Loop Survey (BM & HP)

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
HP3 run	2.82	101.58		98.76
HP2			2.20	99.38
BM			2.78	98.80
HP1			1.69	99.89
TP				
HP1	1.39	101.28		
BM			2.48	98.80
HP2			1.91	99.37
HP3			2.63	98.75

Comment: Surveyed relative to HP3

Date: 5/3/2005

Habitat: Run

Flow: High

(1) Level Loop Survey

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	2.39	101.19		98.80
HP3			2.43	98.76
HP2			1.80	99.39
HP1			1.30	99.89
TP				
HP1	1.03	100.92		
HP2			1.53	99.39
HP3			2.15	98.77
BM			2.11	98.81

Comment: BM elev is 98.80, not 100

Date: 6/25/2004

Habitat: Run

Flow: Low

(1) Level Loop Survey

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	3.82	102.62		98.80
HP1			2.73	99.89
HP2			3.24	99.38
HP3			3.87	98.75
TP				
HP3	3.90	102.65		
HP2			3.28	99.37
HP1			2.77	99.88
BM			3.86	98.79

Comment:

Date: 5/13/2004

Habitat: Run

Flow:

(1) Level Loop Survey

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	2.47	101.27		98.80
HP1			1.39	99.88
HP2			1.90	99.37
HP3			2.52	98.75
TP				
HP3	2.57	101.32		
HP2			1.94	99.38
HP1			1.44	99.88
BM			2.52	98.80

Comment: BM elev is 98.80, not 100

(2) Water Surface Elevation (WSE) Survey

TR	River Station		HI (ft)	FS (ft)	Rod (ft)	WSE (ft)	Ave WSE (ft)	Q (cfs)
	L/R Bank	Ave						
1-L	0	0	101.60	6.02	0.57	96.15	96.15	
1-R	0	0	8.78	3.32	3.32	96.14	96.14	
2-L	70	68	101.60	5.71	0.32	96.21	96.20	175.3
2-R	65	65	6.53	1.12	1.12	96.19	96.19	
3-L	105	96	101.60	5.65	0.29	96.24	96.23	
3-R	86.3	86.3	5.94	0.55	0.55	96.21	96.21	

Ave Q= 175.3

Note: HI for survey should be 101.60
WSE slope = 0.084%

(2) Water Surface Elevation (WSE) Survey

TR	River Station		HI (ft)	FS (ft)	Rod (ft)	WSE (ft)	Ave WSE (ft)	Q (cfs)
	L/R Bank	Ave						
1-L	0	0	100.92	4.88		96.24	96.25	217.4
1-R	0	0	100.92	4.67		96.25	96.25	
2-L	70	68	100.92	4.60		96.32	96.32	206.8
2-R	65	65	7.55	4.61		96.31	96.31	
3-L	105	96	100.92	4.57		96.35	96.35	207.1
3-R	86.3	86.3	4.58			96.34	96.34	

Ave Q= 210.5

Note: WSE slope = 0.105%

(2) Water Surface Elevation (WSE) Survey

TR	River Station		HI (ft)	FS (ft)	Rod (ft)	WSE (ft)	Ave WSE (ft)	Q (cfs)
	L/R Bank	Ave						
1-L	0	0	102.65	7.59	0.00	95.06	95.06	11
1-R	0	0	102.65	7.54	0.00	95.11	95.11	6.6
2-L	70	68	102.65	7.55	0.00	95.10	95.10	5.9
2-R	65	65	7.51			95.14	95.14	
3-L	105	96	102.65	7.51	0.00	95.14	95.14	5.9
3-R	86.3	86.3	7.51			95.14	95.14	

Ave Q= 7.87

Note: WSE slope = 0.084%

(2) Water Surface Elevation (WSE) Survey

TR	River Station		HI (ft)	FS (ft)	Rod (ft)	WSE (ft)	Ave WSE (ft)	Q (cfs)
	L/R Bank	Ave						
1-L	0	0	101.32	6.89	1.54	96.17	96.17	0.0
1-R	0	0	8.99	3.24	3.24	96.17	96.17	0.0
2-L	70	68	101.32	6.16	1.07	96.23	96.22	0.0
2-R	65	65	6.47	1.36	1.36	96.21	96.21	0.0
3-L	105	96	101.32	5.74	0.89	96.27	96.26	0.0
3-R	86.3	86.3	6.47	1.40	1.40	96.25	96.25	0.0

Ave Q= 0.00

Note: HI should be 101.32
WSE slope = 0.094%

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068

Propeller ID: na

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068

Propeller ID: na

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068

Propeller ID: na

(3) Meter and propeller ID for Velocity Correction

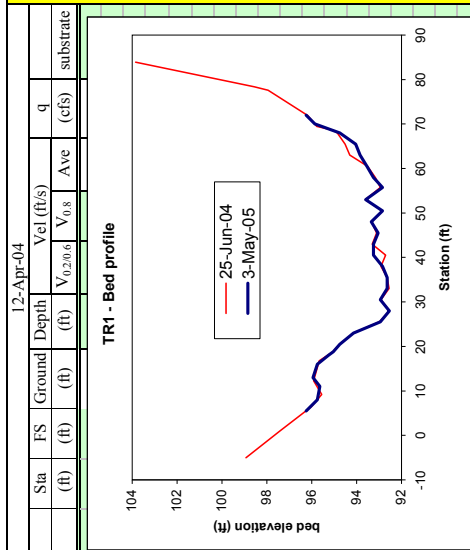
Meter ID: 0068

Propeller ID: na

Trip to use in calibration flow(1,2,3)= 3

Stream: Sycan River
 Site: SY-5
 Transect: I
 Habitat: Run

Survey	HI	Q
Date	(ft)	(cfs)
4/12/2004	101.60	
5/3/2005	100.92	217.4
6/25/2004	102.65	11.1



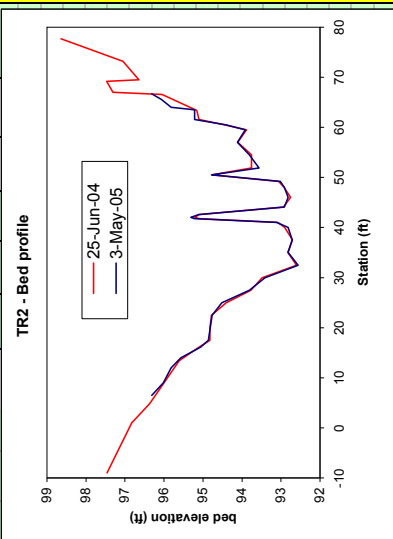
3-May-05														
Sta	FS	Ground	Depth	Vel (ft/s)	q	substrate	Sta	FS	Ground	Depth	Vel (ft/s)	q	substrate	
(ft)	(ft)	(ft)	(ft)	V _{0.20.6}	Ave		(ft)	(ft)	(ft)	(ft)	V _{0.20.6}	Ave	(cfs)	
RWE	5.5	96.25	0.00	0.00	0.00	0.00								
	8.0	95.65	0.60	0.01	0.02	0.02								
	13.0	95.95	0.30	0.01	0.02	0.01								
	16.0	95.75	0.50	0.01	0.02	0.02								
	18.0	95.25	1.00	-0.15	-0.22	-0.31								
	18.8	95.05	1.20	-0.15	-0.22	-0.33								
	20.5	94.75	1.50	-0.06	-0.09	-0.29								
	23.0	94.15	2.10	-0.04	-0.06	-0.33								
	25.5	92.95	3.30	0.18	0.17	1.43								
	28.0	92.55	3.70	0.36	0.45	4.19								
	30.5	92.95	3.30	1.45	1.00	8.26								
	33.0	92.65	3.60	1.99	1.50	13.48								
	35.5	92.65	3.60	2.06	0.58	1.53	13.78							
	38.0	92.85	3.40	2.29	1.16	1.99	16.92							
	40.5	93.25	3.00	2.64	1.53	2.40	18.02							
	43.0	93.25	3.00	2.61	1.88	2.58	19.38							
	45.5	93.05	3.20	2.38	1.41	2.19	17.48							
	48.0	93.35	2.90	2.56	1.94	2.59	18.77							
	50.5	92.85	3.40	2.44	1.27	2.14	18.19							
	53.0	93.60	2.65	2.39	1.50	2.24	15.45							
	55.7	92.85	3.40	2.23	1.07	1.90	16.19							
	58.0	93.25	3.00	1.69	0.75	1.42	10.21							
	60.5	93.55	2.70	1.60	0.96	1.48	10.02							
	63.0	93.85	2.40	0.89	1.04	6.23								
	65.5	94.05	2.20	1.62	1.87	10.30								
	68.0	94.75	1.50	0.04	0.06	0.15								
	68.6	95.10	1.15	0.09	0.14	0.16								
	70.0	95.87	0.38	0.02	0.03	0.02								
LWE	72.0	96.25	0.00	0.00	0.00	0.00								

25-Jun-04														
Sta	FS	Ground	Depth	Vel (ft/s)	q	substrate	Sta	FS	Ground	Depth	Vel (ft/s)	q	substrate	
(ft)	(ft)	(ft)	(ft)	V _{0.20.6}	Ave		(ft)	(ft)	(ft)	(ft)	V _{0.20.6}	Ave	(cfs)	
RWP	1.0	5.24	97.41											1.2
	6.4	6.62	96.03											1.2
	9.2	7.10	95.55											2.1
	12.3	6.73	95.92											1.2
	16.8	6.99	95.66											2.1
RWE	18.8	95.06	0.00	0.00	0.00	0.00								2.1
	20.5	94.76	0.30	0.00	0.01	0.00								1.2
*	23.0	94.14	0.92	0.04	0.04	0.04								1.2
*	25.5	92.98	2.08	0.04	0.04	0.21								1.2
	28.0	92.54	2.52	0.02	0.05	0.34								1.5
	30.5	92.91	2.15	0.02	0.03	0.17								1.5
*	33.0	92.56	2.50	0.02	0.06	0.25								1.5
	35.5	92.64	2.42	0.07	0.11	0.66								5.1
	38.0	92.91	2.15	0.05	0.08	0.42								5.1
	40.5	92.71	2.35	0.12	0.18	1.07								5.1
	43.0	93.31	1.75	0.03	0.05	0.20								5.1
	45.5	93.11	1.95	0.11	0.17	0.83								5.1
	48.0	93.34	1.72	0.14	0.21	0.89								5.6
	50.5	92.86	2.20	0.32	0.41	2.24								6.5
	53.0	93.61	1.45	0.20	0.28	1.05								7.5
	55.7	92.94	2.12	0.22	0.30	1.59								7.5
	58.0	93.16	1.90	0.10	0.16	0.71								1.5
	60.5	93.51	1.55	0.05	0.08	0.30								1.2
*	63.0	94.31	0.75	0.02	0.02	0.04								1.2
*	65.5	94.51	0.55	0.02	0.02	0.03								1.6
	68.0	94.80	0.20	0.00	0.01	0.00								1.6
LWE	68.6	95.06	0.00	0.00	0.00	0.00								1.6
	69.5	6.87	95.78											1.6
	71.9	6.47	96.18											1.6
LWP	77.6	4.70	97.95											6.3
	78.4	**	98.55											3.1
	83.9	**	103.85											1.3

*estimated vel.
 ** couldn't read rod, estimated

Stream: Sycan River	12-Apr-04						3-May-05						25-Jun-04												
	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	V _{0.206} (ft/s)	V _{0.8} (ft/s)	q (cfs)	substrate	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	V _{0.206} (ft/s)	V _{0.8} (ft/s)	q (cfs)	substrate	Sta (ft)	FS (ft)	Ground (ft)	Depth (ft)	V _{0.206} (ft/s)	V _{0.8} (ft/s)	q (cfs)	substrate	
Site: SY-5																									
Transsect: 2																									
Habitat: Run																									
Survey																									
Date																									
4/12/2004	23.5	96.20	0.00	0.00	0.00	0.00	0.00		6.5	96.32	0.00	0.00	0.00	0.00	0.00		1.0	5.82	96.83					3.1	
5/3/2005	25.0	95.95	0.25	0.00	0.00	0.00	0.00		9.0	96.02	0.30	0.01	0.02	0.02	0.01		4.8	6.28	96.37					1.3	
6/25/2004	28.0	95.80	0.40	0.23	0.31	0.37											13.4	7.04	95.61					1.2	
	31.0	95.70	0.50	0.89	1.04	1.56																		2.1	
	34.0	95.60	0.60	2.15	2.47	3.71																		1.2	
	36.0	95.20	1.00	1.67	1.93	3.86																		1.2	
	38.0	94.90	1.30	2.61	3.00	7.80																		1.2	
	40.0	94.20	2.00	2.32	2.67	10.67																		1.2	
	42.0	94.10	2.10	2.55	2.93	12.32																		1.2	
	44.0	93.70	2.50	2.18	3.94	3.52	4.40																	1.2	
	43.0	94.00	2.20	2.83	3.25	3.58																		6.1	
	45.0	93.70	2.50	2.29	3.71	3.45	17.25																	6.1	
	47.0	93.80	2.40	3.24	3.73	17.88																		5.6	
	49.0	93.90	2.30	3.22	3.70	17.03																		7.7	
	51.0	94.10	2.10	2.53	2.91	18.33																		7.4	
	55.0	94.50	1.70	2.37	2.73	18.53																		7.7	
	59.0	94.50	1.70	1.60	1.85	12.58																		7.7	
	63.0	94.95	1.25	1.60	1.85	9.25																		7.7	
	67.0	94.80	1.40	0.73	0.86	4.82																		7.7	
	71.0	95.30	0.90	1.38	1.60	5.76																		7.5	
	75.0	95.40	0.80	1.07	1.24	3.98																		6.5	
	79.0	95.65	0.55	0.23	0.31	0.69																		7.6	
	83.0	95.80	0.40	0.07	0.11	0.17																		7.7	
	87.0	95.85	0.35	0.26	0.34	0.60																		7.1	
	93.0	95.75	0.45	0.05	0.08	0.16																		1.2	
	96.0	95.95	0.25	0.00	0.00	0.00																		1.2	
	RWE	99.0	96.20	0.00	0.00	0.00																		1.2	

Discharge data only, not on one of the transects



* estimated vel.


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RUN                LOW                TRANSECT 1
IOC                1101100000001000101000
QARD  3.0
QARD  6.0
QARD  8.3
QARD 14.0
QARD 20.0
QARD 25.0
QARD 30.0
QARD 35.0
QARD 40.0
QARD 45.0
QARD 50.0
QARD 55.0
QARD 60.0
QARD 65.0
QARD 70.0
QARD 75.0
QARD 80.0
QARD 90.0
QARD 100.0
QARD 110.0
QARD 120.0
QARD 130.0
QARD 140.0
QARD 150.0
QARD 160.0
QARD 170.0
QARD 175.3
QARD 180.0
QARD 190.0
QARD 208.5
XSEC  0.0      0.00 1.0      92.54  0.00084
      0.0 -5.0 98.9  1.0 97.4  6.4 96.0  9.2 95.6 12.3 95.9 16.8 95.7
      0.0 18.8 95.1 20.5 94.8 23.0 94.1 25.5 93.0 28.0 92.5 30.5 92.9
      0.0 33.0 92.6 35.5 92.6 38.0 92.9 40.5 92.7 43.0 93.3 45.5 93.1
      0.0 48.0 93.3 50.5 92.9 53.0 93.6 55.7 92.9 58.0 93.2 60.5 93.5
      0.0 63.0 94.3 65.5 94.5 68.0 94.9 68.6 95.1 69.5 95.8 71.9 96.2
      0.0 77.6 97.9 78.4 98.6 83.9103.8
NS    0.0      1.2      1.2      1.2      2.1      1.2      2.1
NS    0.0      2.1 1.2  1.2      1.2      1.2      1.5 1.5  1.5
NS    0.0 1.4  1.5      5.1      5.1      5.1 0.7  5.1      5.1
NS    0.0      5.6 0.25 6.5      7.5      7.5      1.5 0.5  1.2
NS    0.0 0.6  1.2 0.6  1.6 0.6  1.6      1.6      1.6      1.6
NS    0.0      6.3      3.1      1.3
CAL1  0.0      95.06      8.3
VEL1  0.0                                0.00 0.01 0.04 0.04 0.05 0.03
VEL1  0.0 0.04 0.11 0.08 0.18 0.05 0.17 0.21 0.41 0.28 0.30 0.16 0.08
VEL1  0.0 0.02 0.02 0.01 0.00
CAL2  0.0      96.15      175.3
VEL2  0.0
VEL2  0.0
VEL2  0.0
CAL3  0.0      96.25      208.5
VEL3  0.0
VEL3  0.0
VEL3  0.0
ENDJ

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RUN                LOW                TRANSECT 2
IOC                1101100000001000101000
QARD  3.0
QARD  6.0
QARD  8.3
QARD 14.0
QARD 20.0
QARD 25.0
QARD 30.0
QARD 35.0
QARD 40.0
QARD 45.0
QARD 50.0
QARD 55.0
QARD 60.0
QARD 65.0
QARD 70.0
QARD 75.0
QARD 80.0
QARD 90.0
QARD 100.0
QARD 110.0
QARD 120.0
QARD 130.0
QARD 140.0
QARD 150.0
QARD 160.0
QARD 170.0
QARD 175.3
QARD 180.0
QARD 190.0
QARD 208.5
XSEC  0.0      0.00 1.0      92.61  0.00084
      0.0 -9.0 97.5  1.0 96.8  4.8 96.4 13.4 95.6 16.1 95.1 17.5 94.8
      0.0 20.0 94.8 22.5 94.8 25.0 94.4 27.5 93.8 30.0 93.5 32.5 92.6
      0.0 35.0 92.8 37.5 92.7 40.0 92.9 41.0 93.1 41.8 95.1 42.0 95.2
      0.0 42.6 95.1 44.1 92.9 46.0 92.8 48.0 92.9 49.2 93.1 50.5 94.8
      0.0 51.9 93.8 54.5 93.8 57.0 94.1 59.5 93.9 60.5 94.5 61.6 95.1
      0.0 63.4 95.2 66.6 96.1 67.0 97.3 69.2 97.5 69.5 96.6 73.2 97.1
      0.0 77.7 98.6
NS    0.0      3.1      1.3      1.2      1.2      2.1      1.2
NS    0.0      1.2      1.2      1.2      1.2 0.5      1.2      6.1
NS    0.0      6.1      5.6      5.6      7.4      7.7      7.7
NS    0.0      7.7 0.5      7.5 .4      6.5      6.5      7.6 .8      7.7
NS    0.0      7.1      1.2      1.2      7.1      7.1      1.2
NS    0.0      6.7      7.1      7.7      7.7      7.1      7.1
NS    0.0      3.1
CAL1  0.0      95.11      8.3
VEL1  0.0      0.00 0.01 0.02 0.03 0.02 0.11 0.02 0.15
VEL1  0.0 0.11 0.18 0.16 0.08 0.00      0.00 0.05 0.33 0.05 0.05 0.37
VEL1  0.0 0.05 0.06 0.05 0.03 0.03 0.00
VEL1  0.0
CAL2  0.0      96.20      175.3
VEL2  0.0
VEL2  0.0
VEL2  0.0
CAL3  0.0      96.32      208.5
VEL3  0.0
VEL3  0.0
VEL3  0.0
VEL3  0.0
ENDJ

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RUN                LOW                TRANSECT 3
IOC                1101100000001000101000
QARD  3.0
QARD  6.0
QARD  8.3
QARD 14.0
QARD 20.0
QARD 25.0
QARD 30.0
QARD 35.0
QARD 40.0
QARD 45.0
QARD 50.0
QARD 55.0
QARD 60.0
QARD 65.0
QARD 70.0
QARD 75.0
QARD 80.0
QARD 90.0
QARD 100.0
QARD 110.0
QARD 120.0
QARD 130.0
QARD 140.0
QARD 150.0
QARD 160.0
QARD 170.0
QARD 175.3
QARD 180.0
QARD 190.0
QARD 208.5
XSEC  0.0      0.00 1.0      92.94  0.00084
      0.0 -7.0 97.4  1.0 97.0  4.5 96.6  9.4 95.9 14.0 95.1 16.5 94.9
      0.0 19.0 94.9 21.5 94.8 24.0 94.7 26.5 94.6 29.0 94.6 31.5 94.3
      0.0 34.0 94.1 36.5 94.0 39.0 94.2 41.5 94.1 44.0 93.6 46.5 93.5
      0.0 49.0 93.2 51.0 93.1 53.0 93.1 55.0 93.1 57.0 93.1 59.0 93.1
      0.0 62.0 93.1 64.5 93.1 65.1 92.9 65.5 94.4 68.0 94.6 70.5 94.8
      0.0 71.5 95.1 74.4 95.5 76.0 96.2 80.7 97.8
NS     0.0      1.3      1.3      1.3      1.2      2.1      1.2
NS     0.0      1.2      1.2      1.2      1.2      1.2      1.2
NS     0.0      1.2 0.8  1.2      1.2      1.2      1.2
NS     0.0 0.4   5.1 .4   5.1 0.4   5.1 0.40  5.1 .4   5.6 1.   4.1
NS     0.0 1.   5.4 1.   7.6 1.5   7.6 1.5   7.7      7.7      1.2
NS     0.0      2.1      2.1      1.2      1.3
CAL1   0.0      95.14      8.3
VEL1   0.0      0.00 0.03 0.03 0.05 0.03 0.03 0.03 0.02
VEL1   0.0 0.08 0.02 0.05 0.05 0.09 0.16 0.06 0.05 0.05 0.54 0.31 0.01
VEL1   0.0 0.01 0.01 0.01 0.01 0.01 0.01 0.00
CAL2   0.0      96.23      175.3
VEL2   0.0
VEL2   0.0
VEL2   0.0
CAL3   0.0      96.35      208.5
VEL3   0.0
VEL3   0.0
VEL3   0.0
ENDJ

```


Stream: Sycan River
 Site: SY_5
 Date: 4/12/2004
 Habitat: Riffle

Flow: Mid

(1) Level Loop Survey (BM & HP)

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	2.59	102.59		100.00
HP3			3.57	99.02
HP2			3.43	99.16
HP1			2.11	100.48
TP				
HP1	2.22	102.70		99.16
HP2			3.54	99.16
HP3			3.69	99.01
BM			2.70	100.00

Comment: Turning pt. on HP-1

Date: 6/25/2004
 Habitat: Riffle

Flow: Low

(1) Level Loop Survey

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	1.20	101.20		100.00
HP1			0.72	100.48
HP2			2.04	99.16
HP3			2.17	99.03
TP				
HP3	2.24	101.27		99.16
HP2			2.11	99.16
HP1			0.79	100.48
BM			1.26	100.01

Comment:

Date: 5/3/2005
 Habitat: Riffle

Flow: High

(1) Level Loop Survey

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	2.55	102.55		100.00
HP1			2.06	100.49
HP2			3.39	99.16
HP3			3.52	99.03
TP				
HP3				
HP2				
HP1				
BM				

Comment: Half loop shot

(2) Water Surface Elevation (WSE) Survey

TR	River Station		HI (ft)	FS (ft)	Rod (ft)	WSE (ft)	Ave WSE (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)						
1-L	0	0	102.70	6.60	0.22	96.32	96.34	
1-R	0	0	102.70	7.31	0.97	96.36	96.40	
2-L	43	32	102.70	7.12	0.85	96.43	96.40	175.3
2-R	21	21	102.70	7.11	0.78	96.37	96.37	
3-L	123	106	102.70	6.77	0.59	96.52	96.55	
3-R	89	89	102.70	6.31	0.19	96.58	96.58	

Note: WSE slope = 0.198%

Ave Q = 175.3

(2) Water Surface Elevation (WSE) Survey

TR	River Station		HI (ft)	FS (ft)	Rod (ft)	WSE (ft)	Ave WSE (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)						
1-L	0	0	101.27	5.99	0.00	95.28	95.28	10.6
1-R	0	0	101.27	5.92	0.00	95.35	95.35	6.8
2-L	43	32	101.27	5.92	0.00	95.35	95.35	6.8
2-R	21	21	101.27	5.85	0.00	95.42	95.42	9.5
3-L	123	106	101.27	5.85	0.00	95.42	95.42	9.5
3-R	89	89	101.27	5.85	0.00	95.42	95.42	9.5

Note: WSE slope = 0.132%

Ave Q = 9.0

(2) Water Surface Elevation (WSE) Survey

TR	River Station		HI (ft)	FS (ft)	Rod (ft)	WSE (ft)	Ave WSE (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)						
1-L	0	0	102.55	6.11	0.00	96.44	96.44	212
1-R	0	0	102.55	6.12	0.00	96.43	96.43	212
2-L	43	32	102.55	6.03	0.00	96.52	96.51	201
2-R	21	21	102.55	6.06	0.00	96.49	96.49	201
3-L	123	106	102.55	5.94	0.00	96.61	96.64	207
3-R	89	89	102.55	5.88	0.00	96.67	96.67	207

Note: WSE slope = 0.193%

Ave Q = 206.6

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068
 Propeller ID: na

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068
 Propeller ID: NA

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068
 Propeller ID: NA

Trip to use in calibration flow(1,2,3)= 2

RIFFILE

LOW

TRANSECT 1

IOC 1101100000001000101000

QARD 3.0
 QARD 6.0
 QARD 8.3
 QARD 14.0
 QARD 20.0
 QARD 25.0
 QARD 30.0
 QARD 35.0
 QARD 40.0
 QARD 45.0
 QARD 50.0
 QARD 55.0
 QARD 60.0
 QARD 65.0
 QARD 70.0
 QARD 75.0
 QARD 80.0
 QARD 90.0
 QARD 100.0
 QARD 110.0
 QARD 120.0
 QARD 130.0
 QARD 140.0
 QARD 150.0
 QARD 160.0
 QARD 170.0
 QARD 175.3
 QARD 180.0
 QARD 190.0
 QARD 208.5

XSEC 0.0 0.00 1.0 93.58 0.00132
 0.0 -2.3 98.0 1.0 97.1 11.5 95.7 14.5 95.5 20.5 95.3 25.0 95.8
 0.0 31.0 95.3 38.0 95.2 46.0 95.6 53.4 95.5 60.8 95.0 63.8 95.4
 0.0 67.6 95.0 73.2 95.4 76.8 95.3 77.5 95.0 78.5 94.6 80.5 94.7
 0.0 81.0 94.0 82.0 93.9 83.0 93.8 84.0 93.6 85.0 93.6 86.0 93.6
 0.0 87.0 93.7 88.0 93.6 89.0 93.6 90.0 93.8 91.0 93.9 92.0 94.2
 0.0 93.5 94.3 95.0 94.3 96.5 94.7 98.0 94.9 99.5 95.0101.0 95.0
 0.0102.1 95.3107.7 95.8112.0 96.5120.6 96.9125.6 99.2
 NS 0.0 4.3 4.3 2.4 2.1 2.1 2.1
 NS 0.0 2.1 2.1 2.1 2.1 1.2 1.2
 NS 0.0 1.2 1.2 .15 1.2 .12 2.1 .10 7.2 .09 7.2
 NS 0.0 .08 2.1 .04 2.1 .03 2.4 .03 4.3 .030 4.3 .03 4.5
 NS 0.0 4.5 4.5 .07 4.3 .08 4.3 .10 4.3 .12 2.1
 NS 0.0 .12 7.2 .12 2.1 .15 2.1 .15 2.1 2.1 2.1 2.1
 NS 0.0 1.2 2.1 1.3 1.3 1.3
 CAL1 0.0 95.28 8.3
 VEL1 0.0
 VEL1 0.0 0.00 0.01 0.06 0.03 0.09 0.12 0.08 0.25 0.82 1.76
 VEL1 0.0 1.39 1.24 0.30 0.20 0.03 0.03 0.06 0.03 0.03 0.02 0.01 0.01
 VEL1 0.0 0.00
 CAL2 0.0 96.34 175.3
 VEL2 0.0
 VEL2 0.0
 VEL2 0.0
 CAL3 0.0 96.44 208.5
 VEL3 0.0
 VEL3 0.0
 VEL3 0.0
 VEL3 0.0
 ENDJ

RIFFILE

LOW

TRANSECT 2

IOC 1101100000001000101000

QARD 3.0
 QARD 6.0
 QARD 8.3
 QARD 14.0
 QARD 20.0
 QARD 25.0
 QARD 30.0
 QARD 35.0
 QARD 40.0
 QARD 45.0
 QARD 50.0
 QARD 55.0
 QARD 60.0
 QARD 65.0
 QARD 70.0
 QARD 75.0
 QARD 80.0
 QARD 90.0
 QARD 100.0
 QARD 110.0
 QARD 120.0
 QARD 130.0
 QARD 140.0
 QARD 150.0
 QARD 160.0
 QARD 170.0
 QARD 175.3
 QARD 180.0
 QARD 190.0
 QARD 208.5

XSEC 0.0 0.00 1.0 93.58 0.00132
 0.0-15.0 98.6 1.0 97.5 17.0 96.2 27.0 96.0 33.5 95.8 43.0 95.7
 0.0 53.0 95.6 61.2 95.3 63.5 95.2 65.5 95.1 67.5 95.2 69.5 95.2
 0.0 71.5 95.2 73.5 95.1 75.5 95.2 77.5 95.0 79.5 94.8 81.5 94.7
 0.0 83.5 94.6 85.5 94.6 87.5 94.3 88.5 93.7 90.5 93.6 92.5 93.5
 0.0 94.5 93.4 96.5 93.3 98.5 93.3100.5 93.4102.5 93.5104.5 94.1
 0.0106.5 94.7107.5 95.3108.7 95.7113.0 96.2120.5 96.4124.5 97.4
 0.0125.5 98.2132.6 98.9144.6 99.2
 NS 0.0 4.3 4.3 1.2 1.2 2.1 2.1
 NS 0.0 2.1 2.1 .8 2.1 .8 2.1 .8 2.1 .8 2.1
 NS 0.0 2.1 2.1 2.1 2.1 1.0 2.1 2.1
 NS 0.0 .50 2.1 2.1 2.1 4.3 4.3 .25 4.3
 NS 0.0 4.3 4.3 4.3 3.4 4.3 .6 4.3
 NS 0.0 .6 2.1 1.2 1.2 1.2 1.2 1.2
 NS 0.0 1.2 1.3 1.3
 CAL1 0.0 95.35 8.3
 VEL1 0.0 0.00 0.01 0.01 0.01 0.01
 VEL1 0.0 0.02 0.03 0.02 0.03 0.03 0.06 0.14 0.08 0.29 0.14 0.24 0.45
 VEL1 0.0 0.16 0.12 0.14 0.16 0.14 0.08 0.02 0.00
 VEL1 0.0
 CAL2 0.0 96.40 175.3
 VEL2 0.0
 VEL2 0.0
 VEL2 0.0
 CAL3 0.0 96.51 208.5
 VEL3 0.0
 VEL3 0.0
 VEL3 0.0
 VEL3 0.0
 ENDJ

RIFFLE

LOW

TRANSECT 3

IOC 1101100000001000101000

QARD 3.0
 QARD 6.0
 QARD 8.3
 QARD 14.0
 QARD 20.0
 QARD 25.0
 QARD 30.0
 QARD 35.0
 QARD 40.0
 QARD 45.0
 QARD 50.0
 QARD 55.0
 QARD 60.0
 QARD 65.0
 QARD 70.0
 QARD 75.0
 QARD 80.0
 QARD 90.0
 QARD 100.0
 QARD 110.0
 QARD 120.0
 QARD 130.0
 QARD 140.0
 QARD 150.0
 QARD 160.0
 QARD 170.0
 QARD 175.3
 QARD 180.0
 QARD 190.0
 QARD 208.5

XSEC 0.0 0.00 1.0 94.22 0.00132
 0.0-19.0 98.6 1.0 97.8 14.0 97.3 24.0 96.7 36.0 96.2 46.0 95.8
 0.0 57.0 96.0 62.7 95.4 63.0 95.2 64.0 95.1 65.0 94.6 66.0 94.6
 0.0 67.0 94.5 68.0 94.3 69.0 94.3 70.0 94.4 71.0 94.4 72.0 94.3
 0.0 73.0 94.3 74.0 94.2 75.0 94.3 76.0 94.2 77.0 94.4 78.0 94.6
 0.0 79.0 94.8 80.0 95.1 81.0 95.4 85.5 95.9 93.5 95.7 98.0 95.5
 0.0106.3 96.4112.6 98.6122.6 99.0

NS 0.0 4.3 4.5 5.4 5.4 6.5 1.2
 NS 0.0 1.2 2.1 .07 2.1 .07 2.1 .07 2.1 .05 2.1
 NS 0.0 .06 6.4 .05 6.4 5.4 5.4 5.4 5.4
 NS 0.0 5.6 5.4 4.5 6.4 6.4 .5 2.6
 NS 0.0 .5 2.1 2.1 2.1 1.2 1.2 2.1
 NS 0.0 1.2 1.2 1.2

CAL1 0.0 95.42 8.3
 VEL1 0.0 0.00 0.03 0.06 0.14 0.25
 VEL1 0.0 0.09 0.58 1.52 1.28 1.61 0.83 1.38 0.64 0.06 0.31 0.09 0.03
 VEL1 0.0 0.03 0.03 0.00

CAL2 0.0 96.55 175.3
 VEL2 0.0
 VEL2 0.0
 VEL2 0.0
 CAL3 0.0 96.64 208.5

VEL3 0.0
 VEL3 0.0
 VEL3 0.0
 ENDJ