

8-30-2008

Ex. 277-US-441

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Stream: Williamson River

Site: 632

Date: 4/14/2004

Habitat: Pool

Flow: High

BM/HP (ft)	BS (ft)	River Station		FS (ft)	Elev (ft)
		HI (ft)	Ave (ft)		
BM	5.48	105.48			100.00
HP1			6.72		98.76
HP2			6.54		98.94
HP3			6.64		98.84
HP3-glide	6.34	106.10	5.72		99.76
HP3			7.26		98.84
HP2			7.16		98.94
HP1			7.34		98.76
BM			6.11		99.99

Comment:

Date: 6/26/2004

Habitat: Pool

Flow: Low

BM/HP (ft)	BS (ft)	River Station		FS (ft)	Elev (ft)
		HI (ft)	Ave (ft)		
BM	6.03	106.03			100.00
HP1			7.26		98.77
HP2			7.09		98.94
HP3			7.19		98.84
BM2	5.62	106.12	5.53		100.50
HP3			7.28		98.84
HP2			7.17		98.95
HP1			7.35		98.77
BM			6.12		100.00

Comment: Turned on BM2.

Date: 8/20/2004

Habitat: Pool

Flow: Mid

BM/HP (ft)	BS (ft)	River Station		FS (ft)	Elev (ft)
		HI (ft)	Ave (ft)		
BM	5.91	105.91			100.00
HP1			7.13		98.78
HP2			6.95		98.96
HP3			7.05		98.86
TP					
HP3	7.28	106.14			
HP2			7.18		98.96
HP1			7.36		98.78
BM			6.14		100.00

Comment:

(2) Water Surface Elevation (WSE) Survey

TR	River Station		Rod (ft)	FS (ft)	HI (ft)	Ave (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)					
1-L	0	0	0.00	9.68	106.10	96.42	
1-R	0	0			106.10	96.43	
2-L	18	14	0.00	9.67	106.10	96.43	
2-R	10	10			106.10	96.43	
3-L	34	31	0.00	9.67	106.10	96.43	
3-R	27	27			106.10	96.43	

Note: Only one WSE measured/TR; see entry notes for HC WSE  
WSE slope = 0.033%

Ave Q= 77.2

(2) Water Surface Elevation (WSE) Survey

TR	River Station		Rod (ft)	FS (ft)	HI (ft)	Ave (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)					
1-L	0	0	0.00	10.10	106.12	96.02	43.3
1-R	0	0			106.12	96.01	
2-L	18	14	0.00	10.08	106.12	96.04	46.0
2-R	10	10	0.00	10.09	106.12	96.03	
3-L	34	31	0.00	10.07	106.12	96.05	41.0
3-R	27	27	0.00	10.08	106.12	96.04	

Note: HC LWSE=96.02, RWSE=96.02, WSE 60' d/s96.00, 60' u/s 96.16  
WSE slope = 0.098%

Ave Q= 43.4

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068  
Propeller ID: na

(3) Meter and propeller ID for Velocity Correction

Meter ID: 4099  
Propeller ID: 1A

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068  
Propeller ID: NA









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Pool                LOW                TRANSECT 1
IOC                1101100000001000101000
QARD 18.0
QARD 20.0
QARD 25.0
QARD 30.0
QARD 35.0
QARD 40.0
QARD 43.9
QARD 46.7
QARD 49.0
QARD 52.0
QARD 55.0
QARD 58.0
QARD 61.0
QARD 64.0
QARD 67.0
QARD 70.0
QARD 73.0
QARD 76.0
QARD 77.2
QARD 80.0
QARD 83.0
QARD 86.0
QARD 89.0
QARD 92.0
QARD 95.0
QARD 98.0
QARD 101.0
QARD 104.0
QARD 108.0
QARD 110.0
XSEC 0.0      0.0 1.0      93.32  0.00033
      0.0-11.0 99.3  1.0 98.3  2.8 98.0 10.0 97.5 13.0 97.2 18.0 97.3
      0.0 21.5 97.0 24.2 96.7 26.5 96.1 26.6 96.0 27.0 95.3 27.5 95.0
      0.0 28.5 95.1 30.5 95.2 32.5 95.0 34.5 94.9 36.0 94.6 38.0 94.5
      0.0 40.0 94.9 42.0 94.2 44.0 94.0 46.0 94.1 48.0 94.0 49.5 94.1
      0.0 51.5 93.4 53.0 93.3 54.5 94.8 56.5 93.7 58.5 94.1 60.5 94.5
      0.0 62.5 94.6 64.5 94.7 66.5 94.8 68.5 95.7 69.5 96.0 70.5 96.3
      0.0 72.5 97.2 73.9 98.1 75.1 99.6 77.5 100.6 80.5 100.7 84.2 100.8
      0.0 96.2 101.1
NS    0.0      1.3      1.3      1.3      1.3      1.1      1.1
NS    0.0      1.1      1.1      1.1      1.1 0.2  3.1      3.3
NS    0.0      3.1      3.1      3.3      3.3      3.3      3.3
NS    0.0      3.3      3.3      3.3      3.3      3.1      3.1
NS    0.0      3.1      3.1      3.9      3.1      2.1 0.3  2.1
NS    0.0      2.1      2.1      2.1      3.4      2.1      2.1
NS    0.0      2.1      3.1      3.1      3.1      1.3      1.3
NS    0.0      3.1
CAL1  0.0      96.02      43.9
VEL1  0.0                                0.00 0.02 0.38
VEL1  0.0 0.21 0.61 0.97 1.08 1.13 1.12 1.04 1.09 1.00 0.77 0.93 0.98
VEL1  0.0 0.91 0.67 0.25 0.44 0.22 0.02 0.23 0.24 0.03 0.02 0.00
VEL1  0.0
CAL2  0.0      96.42      77.2
VEL2  0.0
VEL2  0.0
VEL2  0.0
VEL2  0.0
CAL3  0.0      95.97      46.7
VEL3  0.0
VEL3  0.0
VEL3  0.0
VEL3  0.0
ENDJ

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Pool	LOW											TRANSECT 2
IOC	1101100100001000101000											
QARD	18.0											
QARD	20.0											
QARD	25.0											
QARD	30.0											
QARD	35.0											
QARD	40.0											
QARD	43.9											
QARD	46.7											
QARD	49.0											
QARD	52.0											
QARD	55.0											
QARD	58.0											
QARD	61.0											
QARD	64.0											
QARD	67.0											
QARD	70.0											
QARD	73.0											
QARD	76.0											
QARD	77.2											
QARD	80.0											
QARD	83.0											
QARD	86.0											
QARD	89.0											
QARD	92.0											
QARD	95.0											
QARD	98.0											
QARD	101.0											
QARD	104.0											
QARD	108.0											
QARD	110.0											
XSEC	0.0	0.0	1.0	93.32	0.00033							
	0.0-11.0	99.3	1.0	98.5	4.5	98.1	11.0	97.2	17.5	97.3	24.0	97.4
	0.0	27.2	96.9	29.5	96.7	31.4	96.4	31.6	96.1	32.5	95.0	34.0
	0.0	36.0	95.3	37.1	95.3	38.5	94.9	40.5	94.6	42.5	94.4	44.5
	0.0	46.5	93.5	48.0	93.2	49.5	93.2	50.7	93.5	52.0	93.3	54.0
	0.0	56.0	93.4	58.0	93.6	59.0	93.7	61.0	94.4	63.0	94.5	65.0
	0.0	67.0	94.9	69.0	95.3	71.0	95.5	72.5	95.8	73.5	96.1	74.4
	0.0	76.6	97.1	78.5	98.9	81.3	100.4	87.7	100.7	99.7	101.3	
NS	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
NS	0.0	1.3	1.3	1.3	1.3	1.3	.2	3.1	3.1	3.1	3.1	3.1
NS	0.0	.2	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
NS	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
NS	0.0	3.4	3.3	3.4	3.4	2.1	2.1	.30	2.1	2.1	2.1	2.1
NS	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
NS	0.0	2.1	3.1	3.1	1.3	3.1						
WSL	0.0	95.41	95.47	95.61	95.73	95.83	95.92					
WSL	0.0	95.99	96.04	96.07	96.12	96.16	96.20					
WSL	0.0	96.24	96.28	96.32	96.35	96.39	96.42					
WSL	0.0	96.44	96.47	96.50	96.53	96.56	96.59					
WSL	0.0	96.62	96.65	96.67	96.70	96.74	96.75					
CAL1	0.0	96.04	43.9									
VEL1	0.0							0.00	0.05	0.58		
VEL1	0.0	0.05	0.71	0.87	0.96	1.05	0.94	0.91	0.81	0.54	0.51	0.67
VEL1	0.0	0.90	0.89	0.68	0.36	0.23	0.05	0.05	0.03	0.01	0.01	0.00
VEL1	0.0											
CAL2	0.0	96.43	77.2									
VEL2	0.0											
VEL2	0.0											
VEL2	0.0											
VEL2	0.0											
CAL3	0.0	95.96	46.7									
VEL3	0.0											
VEL3	0.0											
VEL3	0.0											
VEL3	0.0											
ENDJ												



Pool	LOW													TRANSECT 3
IOC	1101100100001000101000													
QARD	18.0													
QARD	20.0													
QARD	25.0													
QARD	30.0													
QARD	35.0													
QARD	40.0													
QARD	43.9													
QARD	46.7													
QARD	49.0													
QARD	52.0													
QARD	55.0													
QARD	58.0													
QARD	61.0													
QARD	64.0													
QARD	67.0													
QARD	70.0													
QARD	73.0													
QARD	76.0													
QARD	77.2													
QARD	80.0													
QARD	83.0													
QARD	86.0													
QARD	89.0													
QARD	92.0													
QARD	95.0													
QARD	98.0													
QARD	101.0													
QARD	104.0													
QARD	108.0													
QARD	110.0													
XSEC	0.0	0.0	1.0	93.32	0.00033									
	0.0	1.0	98.4	4.7	97.8	14.0	98.0	16.0	97.7	22.0	97.5	28.0	97.0	
	0.0	31.0	96.7	35.0	96.5	36.6	96.3	36.8	96.1	37.5	95.5	39.5	95.3	
	0.0	40.5	94.8	42.5	94.2	44.5	93.7	45.8	93.8	47.7	94.3	49.2	94.0	
	0.0	51.2	93.9	53.2	93.6	55.2	93.1	57.2	93.4	59.2	93.7	60.7	93.8	
	0.0	62.7	94.2	64.0	94.3	66.0	94.7	67.5	96.2	68.0	94.7	70.0	94.7	
	0.0	72.0	94.9	74.0	95.1	76.0	94.3	77.7	96.1	79.1	96.6	81.3	98.0	
	0.0	83.8	100.1	85.5	100.6	86.7	100.3	89.4	100.5					
NS	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
NS	0.0	1.1	1.1	1.3	1.3	.3	2.1	.25	2.1					
NS	0.0	.2	2.1	3.1	3.3	3.3	3.3	3.3	3.3					
NS	0.0	3.3	3.3	3.4	3.4	3.4	3.4	3.4	0.12	3.4				
NS	0.0	3.4	3.4	2.3	1.1	0.40	2.3	0.6	2.3					
NS	0.0	3.2	3.2	.35	3.2	.5	2.1	2.1	1.3					
NS	0.0	1.3	1.3	1.3	1.3									
WSL	0.0	95.42	95.48	95.62	95.74	95.84	95.93							
WSL	0.0	96.00	96.05	96.08	96.12	96.16	96.20							
WSL	0.0	96.24	96.28	96.32	96.35	96.39	96.42							
WSL	0.0	96.44	96.47	96.50	96.53	96.56	96.59							
WSL	0.0	96.62	96.65	96.67	96.70	96.74	96.75							
CAL1	0.0	96.05	43.9											
VEL1	0.0											0.00	0.01	0.01
VEL1	0.0	0.05	0.61	0.71	0.87	0.93	0.80	0.65	0.90	1.00	0.85	0.66	0.28	
VEL1	0.0	0.75	0.53	0.13	0.05	0.03	0.40	0.22	0.05	0.00				
VEL1	0.0													
CAL2	0.0	96.43	77.2											
VEL2	0.0													
VEL2	0.0													
VEL2	0.0													
VEL2	0.0													
CAL3	0.0	95.98	46.7											
VEL3	0.0													
VEL3	0.0													
VEL3	0.0													
VEL3	0.0													
ENDJ														

Stream: Williamson River  
 Site: 632  
 Date: 4/14/2004  
 Habitat: Glide

Date: 6/26/2004  
 Habitat: Glide

Date: 8/20/2004  
 Habitat: Glide

Flow: High

Flow: Low

Flow: Mid

(1) Level Loop Survey (BM & HP)

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	5.48	105.48		100.00
HP1			6.87	98.61
HP2			5.76	99.72
HP3			5.72	99.76
TP				
HP3	6.34	106.10		
HP2			6.38	99.72
HP1			7.50	98.60
BM			6.11	99.99

Comment: Additional BM for Glide TR's

(1) Level Loop Survey

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	6.03	106.03		100.00
HP1			7.42	98.61
HP2			6.31	99.72
HP3			6.27	99.76
BM2	5.62	106.12	5.53	100.50
HP3			6.36	99.76
HP2			6.40	99.72
HP1			7.51	98.61
BM			6.12	100.00

Comment: Turned on BM2

(1) Level Loop Survey

BM/HP (ft)	BS (ft)	HI (ft)	FS (ft)	Elev (ft)
BM	6.13	106.13		100.00
HP1			7.52	98.61
HP2			6.41	99.72
HP3			6.37	99.76
TP				
HP3		106.13		
HP2				
HP1				
BM				

Comment: 2nd Half of loop not shot.

(2) Water Surface Elevation (WSE) Survey

TR	River Station		Rod (ft)	FS (ft)	HI (ft)	Ave WSE (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)					
1-L	0	0	0.00	9.64	106.10	96.46	
1-R	0	0					
2-L	48	51	0.00	9.63	106.10	96.47	
2-R	53						
3-L	119	137	0.00	9.61	106.10	96.49	
3-R	154						

Note: Only one WSE in each transect was measured  
 WSE slope = 0.022%

Ave Q = 77.2

(2) Water Surface Elevation (WSE) Survey

TR	River Station		Rod (ft)	FS (ft)	HI (ft)	Ave WSE (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)					
1-L	0	0	0.00	10.05	106.12	96.07	44.1
1-R	0	0		10.04	106.12	96.08	
2-L	48	51	0.00	10.02	106.12	96.10	43.9
2-R	53			10.01	106.12	96.11	
3-L	119	137	0.00	9.99	106.12	96.13	45.1
3-R	154			9.99	106.12	96.13	

Note: WSE slope = 0.040%

Ave Q = 44.4

(2) Water Surface Elevation (WSE) Survey

TR	River Station		Rod (ft)	FS (ft)	HI (ft)	Ave WSE (ft)	Q (cfs)
	L/R bank (ft)	Ave (ft)					
1-L	0	0	0.00	10.12	106.13	96.01	46.4
1-R	0	0		10.13	106.13	96.00	
2-L	48	51	0.00	10.09	106.13	96.04	44.1
2-R	53			10.08	106.13	96.05	
3-L	119	137	0.00	10.05	106.13	96.08	51.9
3-R	154			10.05	106.13	96.08	

Note: WSE slope = 0.055%

Ave Q = 47.5

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068  
 Propeller ID: na

(3) Meter and propeller ID for Velocity Correction

Meter ID: 4099  
 Propeller ID: 1a

(3) Meter and propeller ID for Velocity Correction

Meter ID: 0068  
 Propeller ID: na







Glide Low

TRANSECT 1

IOC 1101100000001000101000

QARD 18.0  
 QARD 20.0  
 QARD 25.0  
 QARD 30.0  
 QARD 35.0  
 QARD 40.0  
 QARD 43.9  
 QARD 46.7  
 QARD 49.0  
 QARD 52.0  
 QARD 55.0  
 QARD 58.0  
 QARD 61.0  
 QARD 64.0  
 QARD 67.0  
 QARD 70.0  
 QARD 73.0  
 QARD 76.0  
 QARD 77.2  
 QARD 80.0  
 QARD 83.0  
 QARD 86.0  
 QARD 89.0  
 QARD 92.0  
 QARD 95.0  
 QARD 98.0  
 QARD 101.0  
 QARD 104.0  
 QARD 108.0  
 QARD 110.0

XSEC 0.0 0.0 1.0 93.73 0.000403  
 0.0-19.0 99.2 1.0 98.2 6.7 98.3 11.0 97.9 12.2 97.4 12.9 96.1  
 0.0 14.0 95.2 16.0 94.8 18.0 94.8 20.0 94.7 22.0 94.6 24.0 94.4  
 0.0 26.0 94.0 28.0 94.0 30.0 93.9 31.5 94.5 33.2 94.4 35.3 94.0  
 0.0 36.4 94.2 37.4 93.7 38.5 93.9 40.0 93.8 42.0 94.5 44.0 94.4  
 0.0 46.0 94.8 48.0 95.4 50.0 95.4 50.6 95.9 51.3 95.9 51.5 95.5  
 0.0 52.1 95.8 52.8 95.8 53.1 96.0 53.3 96.1 53.5 96.2 61.0 96.5  
 0.0 69.0 96.7 74.8 97.2 90.8 97.5102.8 98.8109.8100.0

NS 0.0 1.3 1.3 1.3 1.3 1.3 1.2  
 NS 0.0 3.2 3.4 3.4 3.4 3.4 0.3 3.2 0.15 3.4  
 NS 0.0 3.4 3.4 .035 3.4 .035 3.1 3.1 3.4  
 NS 0.0 3.1 3.4 3.4 3.4 3.4 3.2 .25 2.1  
 NS 0.0 .30 2.1 0.4 2.1 0.4 2.1 0.4 1.2 0.4 1.2 0.4 2.1  
 NS 0.0 0.4 1.2 0.4 1.2 1.2 1.2 1.2 1.2  
 NS 0.0 1.2 1.2 1.2 1.3 1.3

CAL1 0.0 96.08 43.9  
 VEL1 0.0 0.00 0.37 1.00 0.88 0.45 0.03 0.10  
 VEL1 0.0 1.00 1.23 1.72 1.46 1.20 1.25 1.04 1.10 0.79 0.37 0.38 0.05  
 VEL1 0.0 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.00  
 VEL1 0.0  
 CAL2 0.0 96.46 77.2  
 VEL2 0.0  
 VEL2 0.0  
 VEL2 0.0  
 CAL3 0.0 96.01 46.7  
 VEL3 0.0  
 VEL3 0.0  
 VEL3 0.0  
 VEL3 0.0

ENDJ

Glide Low

TRANSECT 2

IOC 1101100100001000101000

QARD 18.0  
 QARD 20.0  
 QARD 25.0  
 QARD 30.0  
 QARD 35.0  
 QARD 40.0  
 QARD 43.9  
 QARD 46.7  
 QARD 49.0  
 QARD 52.0  
 QARD 55.0  
 QARD 58.0  
 QARD 61.0  
 QARD 64.0  
 QARD 67.0  
 QARD 70.0  
 QARD 73.0  
 QARD 76.0  
 QARD 77.2  
 QARD 80.0  
 QARD 83.0  
 QARD 86.0  
 QARD 89.0  
 QARD 92.0  
 QARD 95.0  
 QARD 98.0  
 QARD 101.0  
 QARD 104.0  
 QARD 108.0  
 QARD 110.0

XSEC 0.0 0.0 1.0 94.03 0.000403  
 0.0 -9.0100.2 1.0 99.3 2.8 98.9 5.0 98.0 6.1 97.1 6.3 96.1  
 0.0 8.0 95.7 10.0 95.3 12.0 95.1 14.0 94.9 16.0 94.9 18.0 94.7  
 0.0 20.0 94.8 22.0 94.9 24.0 95.0 26.0 94.9 28.0 94.8 30.0 94.5  
 0.0 31.5 94.1 33.5 93.9 35.5 93.9 37.5 94.2 39.0 94.3 40.1 95.0  
 0.0 42.1 94.0 44.1 93.9 46.1 94.2 47.1 94.1 48.1 95.1 48.4 96.1  
 0.0 48.6 96.3 53.0 96.4 59.0 96.9 65.2 96.8125.2 98.7137.2100.1  
 NS 0.0 1.3 1.3 1.3 1.3 1.3 1.3 2.1  
 NS 0.0 2.1 2.3 3.2 3.4 3.4 3.4  
 NS 0.0 3.4 3.2 3.3 3.3 3.4 3.1  
 NS 0.0 3.4 3.4 3.4 3.4 3.4 3.1  
 NS 0.0 3.4 3.4 3.3 3.3 2.1 2.1  
 NS 0.0 2.1 1.2 1.2 1.2 1.3 1.3  
 WSL 0.0 95.50 95.54 95.68 95.78 95.89 95.98  
 WSL 0.0 96.05 96.09 96.12 96.16 96.21 96.25  
 WSL 0.0 96.29 96.33 96.37 96.41 96.44 96.48  
 WSL 0.0 96.49 96.52 96.56 96.59 96.62 96.65  
 WSL 0.0 96.68 96.71 96.74 96.77 96.81 96.82  
 CAL1 0.0 96.11 43.9  
 VEL1 0.0 0.00 0.05 0.44 0.13 0.58 0.65 0.25  
 VEL1 0.0 0.58 0.32 0.44 0.33 0.26 0.72 0.84 1.13 1.22 1.24 1.32 1.64  
 VEL1 0.0 0.42 1.07 0.93 0.05 0.01 0.00  
 CAL2 0.0 96.47 77.2  
 VEL2 0.0  
 VEL2 0.0  
 VEL2 0.0  
 CAL3 0.0 96.05 46.7  
 VEL3 0.0  
 VEL3 0.0  
 VEL3 0.0  
 ENDJ

IOC 1101100100001000101000

QARD 18.0
QARD 20.0
QARD 25.0
QARD 30.0
QARD 35.0
QARD 40.0
QARD 43.9
QARD 46.7
QARD 49.0
QARD 52.0
QARD 55.0
QARD 58.0
QARD 61.0
QARD 64.0
QARD 67.0
QARD 70.0
QARD 73.0
QARD 76.0
QARD 77.2
QARD 80.0
QARD 83.0
QARD 86.0
QARD 89.0
QARD 92.0
QARD 95.0
QARD 98.0
QARD 101.0
QARD 104.0
QARD 108.0
QARD 110.0

XSEC 0.0 0.0 1.0 94.75 0.000403
0.0-23.0101.0-11.0100.7 1.0 99.0 6.2 98.0 8.5 97.3 10.1 96.7
0.0 10.4 96.2 12.0 95.7 14.0 95.5 16.0 95.5 18.0 94.9 20.0 94.4
0.0 22.0 94.2 24.0 94.1 26.0 94.1 28.0 94.1 30.0 94.1 32.0 94.1
0.0 34.0 94.2 36.0 94.2 38.0 94.4 40.0 94.8 43.0 95.0 45.0 94.8
0.0 47.0 94.7 49.0 95.1 51.0 95.3 52.7 95.6 54.0 96.2 54.2 96.3
0.0 58.0 96.5 61.5 96.3 65.0 97.0 69.2 97.7 72.0 98.1 75.2 98.3
0.0 99.2 98.3125.2 99.4

NS 0.0 3.1 3.1 3.1 3.1 1.3 1.2
NS 0.0 1.2 2.1 2.1 2.1 0.2 2.1 3.2
NS 0.0 3.3 3.4 3.4 3.4 3.4 8.3 8.3
NS 0.0 8.3 3.3 3.3 3.3 3.1 3.3 3.3
NS 0.0 .04 3.4 0.3 2.1 0.3 2.1 0.4 2.1 1.2 1.2
NS 0.0 1.2 1.2 1.2 1.3 1.3 1.3
NS 0.0 1.3 1.3

WSL 0.0 95.56 95.60 95.73 95.83 95.93 96.02
WSL 0.0 96.08 96.12 96.16 96.20 96.25 96.28
WSL 0.0 96.32 96.36 96.40 96.44 96.47 96.51
WSL 0.0 96.52 96.55 96.58 96.61 96.64 96.67
WSL 0.0 96.70 96.73 96.76 96.79 96.83 96.84

CAL1 0.0 96.13 43.9
VEL1 0.0 0.00 0.02 0.03 0.05 0.03 0.58
VEL1 0.0 0.54 1.09 1.02 0.94 1.07 1.12 1.13 1.03 0.93 0.58 0.62 0.82
VEL1 0.0 0.64 0.03 0.03 0.01 0.00

VEL1 0.0
CAL2 0.0 96.49 77.2

VEL2 0.0
VEL2 0.0
VEL2 0.0

VEL2 0.0
CAL3 0.0 96.08 46.7

VEL3 0.0
VEL3 0.0
VEL3 0.0
VEL3 0.0

ENDJ