OF THE INTERIOR

al Survey WATER RESOURCES DIVISION

DISCHARGE MEASUREMENT AND GAGE INSPECTION NOTES

sheets

Comp by	Agualale
Comp. by	2

Sta. N	0						files: Anderson A 123101
Sta. N	ame A	NOENS	ON .	DH	1		aderson 8 123161
Width	13.0/	5.80 Are	a 2.31/	0.84	Vel. 0.16	11.43 0	H. Disch 1.76 + 17/2
Metho	d	0		No. secs	S.	G.H.ch	ange in bro
Metho	d coef	1.0 H	Horiz. an	gle coef.	1.0	_ Susp	Pop Tags checked
Meter	Type D	лашч	Meter	Jo 8	5092	23 MA	ter # shows halfer t
Rating	used	6/19		Spin tes	t before n	neas	; after, after
Meas.	olots		_ %diff.	from rati	ng no		_ Indicated shift
				DINGS		N. C.	
Time	LUT		SC		Inside	Outside	Samples collected: water quality, sediment, biological, other
10:20		0.2	The second secon	587	1,60		Scarricitt, biological, offier
	7.01			COLL	1100	6173	Measurements documented on
323	Start		SCn	EU. 6			separate sheets: water quality.
			1	- 10	1		aux./base gage, other
							Rain gage serviced/calibrated
		13 20			ade-postale	207-0-53	The state of the s
V and							Weather: CAST, TO OL
	Finish						Air Temp. 11.0 °C at 101.20
		THE STATE OF					Water Temp. O. Cat 19:70
Weighted							Check bar/chain found
GHcorre							Changed to at
Correct	MGH	Mark Mark					
Wading,	cable, ic	e, boat, u	pstr., do	wnstr., si	de bridae	@ over	flow construction + 201 dis, ft., mi. upstr., downstr. of gage,
Measure	ement rat	ed excell	ent (2%)	, good (5	%), fair (8	3%),600r (> 8%), based on following
condition	ns: Flow:	TILL	gular	-unk.	ulh		
Crossse	ection:	2 Mcas	oremen	ite who	le, 16	our	flow, I dis af control.
Hadi	ed tw	o togi	ther	for to	tel 1	Will	make another Our as
Gage op	erating:	Cortrol	75 3	tage !	Re Re	ecord Rem	noved
Battery	voltage:_	12.60	1 Int	ake/Orif	ice clean	ed/purged	
Bubble-	gage pre	ssure, ps	i: Tank	1850	, Line	10	; Bubble-rate /min.
Extreme	e-GH indi	cators: m	ax		, min		
CSG ch	ecked:_	t	IWM hei	ghtonst	ick	Ref. e	elev HWM elev
HAMMIN	side/outs	side:					
Control	7 4	EMIS	c N	STES			
D							
Kemark	(S:	NE P	RU)S	151	41614	n 50	PSI, CLOSE Conofion
CHAS	A DJU	11, 12	6761	0 10	P31 3	* SEE "	MISC NOTES
GHUIZ	ero now =	-GH	-	depth at	control _		= ft., rated

Sheet No.

U.S. DEPARTMENT OF THE INTERIOR

Geological Survey Water Resources Division
Date DEC 31 DI
JAW - CJ - LT MISCELLANEOUS FIELD NOTES
This Que made at both overflow from
D.L. H. pond and downstream of actual control
to determine total discharge before control changed.
FIRST am: @ overflow START @ 1030
Q= 1.74 FINISH @ 1055
Width = 13.0
Area = 2.31 file:
V= 0.76
SECOND Qu: 15' d.s. gage
0= 1,20 ST=1110
width: 5.80 FT- 1121
Area = 0.84
V = 1.43
* GAGE HEIGHTS WILL NOT CORNESPOND DUE TO LISING
the our overflow channel. Shows show neg. Shift.
1100 our overtion channel. Should show my. Inter-
PG.NOOFSHEETS

HYDRAULIC RADIUS 0.18 MANNING FACTOR 0.00 IST Qu

ОВ	DIST	DEPTH		REVS	TIME 0.0	COS:VF	LOC 6	COEF 1.00	CLOCK 10:30	VEL .000	AREA 0.000	FLOW(Q) 0.000	FLAGS
1	18.50	0.00	0.00	0			6	1.00	10:30	0.534	0.090	0.048	3
2	17.50	0.12	0.00	21	40.1	1.00	6	1.00	10:32	0.628	0.060	0.038	3
3	17.00	0.12	0.00	25	40.2	1.00		1.00	10:33	0.613	0.060	0.037	3
4	16.50	0.12	0.00	25	41.3	1.00	6		10:33	6.684	0.100	0.068	3
5	16.00	0.20	0.00	28	41.2	1.00	6	1.00	10:34	0.502	0.120	0.060	
6	15.50	0.24	0.00	20	40.8	1.00	6	1.00	10:35	0.414	0.143	0.059	3
7	15.00	0.26	0.00	17	42.6	1.00	6	1.00	10:36	0.549	0.120	0.066	3
8	14.40	0.20	0.00	22	40.8	1.00	6	1.00	10:37	0.763	0.120	0.092	
9	13.80	0.20	0.00	31		1.00	6	1.00	10:39	0.865	0.120	0.104	
10	13.20	0.20	0.00	35		1.00	6	1.00	10:41	0.156	0.120	0.019	34
11	12.60	0.20	0.00		46.2		6	1.00	10:42	0.869	0.099	0.086	3
12	12.00	0.18	0.00			1.00	6	1.00	10:45	1.291	0.100	0.129	1 3
13	11.50	0.20	0.00				6	1.00	10:45	1.077	0.150	0.162	1
14	11.00	0.30						1.00	10:47	0.732	0.072	0.053	3
15	10.50	0.16					6	1.00	10:48	0.975	0.080	0.078	3
16	10.10							1.00	10:49	1.321	0.080		1 3
17	9.70			The same of the same of	4 40.2		6	1.00	10:50	1.267	0.144	0.182	
18	9.30				2 40.		6		10:51	0.802	0.135	0.108	
19	8.90				3 41.		6	1.00		0.437	0.110	0.048	3
20	8.40	0.20			9 21.		6	1.00	10:52	0.784	0.104	0.082	3
21	7.80	0.1			2 40.		6	1.00	10:53	The second second		0.095	
22	7.10	0.1	2 0.0	0 1	9 20.		6	1.00	10:54	0.930	0.102		3
23	6.1	0 0.1	0.0	0 4	0 40.	9 1.00	6	1.00	10:55	0.970	0.080	0.039	
24	6.1	0 0.1	0 0.0	0	0 0.	0 1.00	6	1.00	0:00	0.000	0.000	0.000	34
25	5.5	0.0	0 0.0	00	0 0.	0 1.00	6	1.00	0:00	0.000	0.000	0.000	

- 1. USER EXCEEDED SINGLE SUBSECTION 05% EST. Q.
- 2. THE PRODUCT OF VELOCITY AND DEPTH EXCEEDED THE SELECTED SOUNDING WEIGHT.
- 3. INCORRECT METER USED FOR DEPTH OF STREAM.
- 4. INCORRECT METER USED FOR VELOCITY OF STREAM.
- 5. ABNORMAL VELOCITY PROFILE CALCULATED.
- 6. DEPTH ESTIMATED BY USER.
- 7. VELOCITY ESTIMATED BY USER.
- 8. TURBULENT VELOCITY MEASURED

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GAGE ID# 00000009
             DATE 12/31/2001
         TRANSECT 02
         USER ID# 7237
         SH BEGIN 0.00
          SH END 0.00
        GH BEGIN 0.00
          GH END 0.00
  EST. DISCHARGE 0.00
  EST. Q (ADJ)
                   1.20
       METER ID#
                   80092
    AQUACALC ID#
                   671
    SOUNDING WT. 0
  START MEAS. AT LEW
     METER TYPE Pygmy
                                 ST2
 METER CONST. C1 0.9604
 METER CONST. C2 0.0312
 METER CONST. C3 0.9604
 METER CONST. C4 0.0312
 METER CONST. C5 0.0
MEASUREMENT TIME 40
    MEAS. SYSTEM SAE
 PERCENT SLOPE 0.00
TOTAL VERTICALS 13
  TOTAL STATIONS 13
     TOTAL WIDTH 5.80
      TOTAL AREA 0.84
 TOTAL DISCHARGE 1.200
  PCT DIFFERENCE 0.0
MEAN VELOCITY 1.43
WETTED PERIMETER 5.89
HYDRAULIC RADIUS 0.14
  MANNING FACTOR 0.00
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OP	DICE	DEDMI	TOP	DELLC	MTMP	COC. VE	TOC	COPE	CLOCK	VEL	ADDA	-	
OB	DIST	DEPTH	ICE	KEVS	TIME	COS: VF	LUC	COEF	CLUCK		AREA	FLOW(Q)	FLAGS
1	6.50	0.00	0.00	0	0.0	1.00	6	1.00	11:10	0.000	0.000	0.000	
2	6.80	0.26	0.00	50	21.1	1.00	6	1.00	11:10	2.307	0.091	0.210	1 3
3	7.20	0.18	0.00	35	41.0	1.00	6	1.00	11:11	0.851	0.072	0.061	1 3
4	7.60	0.20	0.00	60	40.6	1.00	6	1.00	11:12	1.450	0.080	0.116	1 3
5	8.00	0.20	0.00	36	40.3	1.00	6	1.00	11:12	0.889	0.090	0.080	1 3
- 6	8.50	0.14	0.00	6	19.1	1.00	6	1.00	11:13	0,333	0.070	0.023	-3
7	9.00	0.16	0.00	48	40.3	1.00	6	1.00	11:15	1.175	0.084	0.099	
8	9.55	0.20	0.00	96	40.2	1.00	6	1.00	11:16	2.325	0.100	0.233	1 3
9	10.00	0.18	0.00	94	40.2	1.00	6	1.00	11:16	2.277	0.086	0.196	1 3
10	10.50	0.10	0.00	43	40.5	1.00	6	1.00	11:18	1.051	0.050	0.053	3
11	11.00	0.10	0.00	41	41.1	1.00	6	1.00	11:19	0.989	0.060	0.059	3
12	11.70	0.10	0.00	46	40.4	1.00	6	1.00	11:21	1.125	0.065	0.073	
13	12.30	0.00	0.00	0	0.0	1.00	6	1.00	0:00	0.000	0.000	0.000	

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