

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT NOTES

Sta. No. Santa Fe

Meas. No. _____

Comp. by CJH

Checked by _____

Date 12/5/2008 19 Party SLD ARM CHW

Width	Area	Vel.	G. H.	Disch
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Method	No. secs.	G. H. change	in	hrs.	Susp.
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Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____

Type of meter	Date rated	Tag checked
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Meter	ft. above bottom of wt.	Spin before meas.	after
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

Meas. plots _____ % diff. from _____ rating. Levels obtained _____

GAGE READINGS				WATER QUALITY MEASUREMENTS		
Time	Inside		Outside	No <input checked="" type="checkbox"/>	Yes	Time
1317	Cut throat = .05			Samples Collected		
				No	Yes	Time
				Method Used		
				EDI	EWI	Other
				SEDIMENT SAMPLES		
				No	Yes	Time
				Method Used		
				EDI	EWI	Other
Weighted M.G.H.				BIOLOGICAL SAMPLES		
G.H. correction				Yes	Time	
Correct M.G.H.				No	Type	

Check bar. chain found	changed to	at

Wading, cable, ice, boat, upstr., downstr., side bridge feet, mile, above, below gage

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow Extremely low Flow Estimate $Q = .003$ cfs

Cross section Sand + Gravel

Control

Gage operating Weather Mostly Cloudy / Breezy

Intake/Orifice cleaned Air -1.5 °C@ 1324 Water 2.5 °C@ 1319

Record removed Extreme Indicator: Max. Min.

Nitrogen Pressure Tank	Feed	Bbl rate	per min
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CSG checked	Stick reading
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Observer

HWM outside, in well

Remarks Little flow since last visit. Previous visit

will still in channel

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets.