



DISCHARGE MEASUREMENT SUMMARY

Station No. 1, 2 & 3

During the year ending Sept 30, 2004

Discharge Measurements of Clear Creek near Pleasant Valley

Site No.	Date	Made by--	Width	Area Feet	Mean Velocity	Gage Height	Discharge / CFS	Method	Num Sects	Time Hr	Water Temp F	REMARKS
01	03/03/04	Slightam/Stabenow	12.1	8.65	1.15	NA	9.98	.6	18	1100	43	* Site #1: Sly Park RD
02	03/03/04	Slightam/Stabenow	11.2	9.16	0.91	NA	8.34	.6	15	1330	43	* Site #2: 5137 Timberlane
03	03/03/04	Slightam/Stabenow	8.0	5.51	1.30	NA	7.17	.6	17	1245	44	* Site #3: 5641 D/S of Bridge
01	03/19/04	Slightam/Stabenow	10.8	4.98	0.36	NA	1.77	.6	17	1018	48	Avg. Depth was 0.66 feet
02	03/19/04	Slightam/Stabenow	6.4	4.37	0.41	NA	1.78	.6	17	1158	50	Avg. Depth was 0.65 feet
03	03/19/04	Slightam/Stabenow	3.6	1.67	0.59	NA	0.99	.6	13	1105	46	Avg. Depth was 0.46 feet Also site moved U/S to 5701 clear creek rd.
01	04/19/04	Slightam/Stabenow	8.0	3.69	0.27	NA	1.00	.6	17	1145	47	Avg. Depth 0.45feet
02	04/19/04	Slightam/Stabenow	5.5	3.69	0.23	NA	0.86	.6	20	1330	47	Avg. Depth 0.60feet
03	04/19/04	Slightam/Stabenow	3.6	1.32	0.48	NA	0.63	.6	13	1408	46	Avg. Depth 0.45feet

*** Site Descriptions:**

Site # 1: 20 feet upstream of Sly Park Road Bridge and Clear Creek road

Site # 2: Seven tenths of a mile up Clear Creek road on left at 5137 just down stream of Timberlane road

Site # 3: 1.9 miles up Clear Creek road on left ten feet below bridge near address 5641.

Site # 3 : Moved U/S to 5701 Clear creek rd to Mr. Mcfarland's

Methodology & Accuracy:

Measurements are taken with a Pygmy/AA Velocity Meter (the approved method from the U.S. Geological Survey). Accuracy is within 5% +/- depending on conditions of streambed, weather, change in flow, etc.



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01	07-07-04	Slightam/Stabenow	8.0	4.04	0.38	0.63	1.52	.6	17	1230	60	Installed new staff gage. Avg. Depth: 0.50
01	07-13-04	Slightam/Stabenow	8.0	4.1	0.40	0.64	1.66	.6	17	1100	54	Avg. Depth: 0.50
02	07-13-04	Slightam/Stabenow	5.1	4.0	0.43	NA	1.71	.6	18	1140	54	Avg. Depth: 0.78
03	07-13-04	Slightam/Stabenow	3.5	1.95	0.88	NA	1.71	.6	13	1230	50	Avg. Depth: 0.55
01	07-22-04	Slightam/Stabenow	8.0	4.96	0.67	0.76	3.34	.6	17	1300	56	Avg. Depth: 0.62
02	07-22-04	Slightam/Stabenow	11.0	7.35	0.50	NA	3.60	.6	24	1350	56	Avg. Depth: 0.68
03	07-22-04	Slightam/Stabenow	3.6	2.30	1.47	NA	3.39	.6	13	1450	52	Avg. Depth: 0.62

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