

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Meas. No. 35

Comp. by. ....

WATER RESOURCES DIVISION

Sta. No. .... **DISCHARGE MEASUREMENT NOTES** Checked by CHW

Crescent Str

Date 1/24/07, 19... Party ESG LFS  
 Width 3.3 Area 573 Vel. 1.79 G. H. .... Disch. 1.03  
 Method .... No. secs. 5.567 <sup>CHW</sup> G. H. change. .... in ... hrs. Susp. 1.021 <sup>CHW</sup>  
 Method coef. .... Hor. angle coef. .... Susp. coef. .... Meter No. ....  
 Type of meter .... Date rated .... Tag checked ....  
 Meter .... ft. above bottom of wt. Spin before meas. .... after ....  
 Meas. plots. .... % diff. from. .... rating. Levels obtained. ....

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside
<u>1325</u>	<u>3.183</u>		<u>3.004</u>	<u>7.240</u>
<u>1340</u>	<u>3.203</u>		<u>3.001</u>	<u>1.243</u>
		<u>ADR = 4</u>	<u>2.64</u>	
Weighted M.G.H.				
G. H. correction				
Correct M.G.H.				

No ... <input checked="" type="checkbox"/> Yes ...	Time <u>1330</u>
Samples Collected	
No ...	Yes ...
Method Used	
EDI ...	EWI ... Other ...
<u>SEDIMENT SAMPLES</u>	
No ...	Yes ...
Method Used	
EDI ...	EWI ... Other ...
<u>BIOLOGICAL SAMPLES</u>	
Yes ...	Time ...
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 ...  
 Cross section ...  
 Control ...  
 Gage operating ... Weather ...  
 Intake/Orifice cleaned ... Air ... °C@ ... Water 9.05 °C@ 1330.  
 Record removed ... Extreme Indicator: Max. ... Min. ...  
 Manometer N<sub>2</sub> Pressure Tank 1500 Feed 1.0 Bbl rate 1.7 per min.  
 CSG checked ... Stick reading ...  
 Observer ...  
 HWM ... outside, in well  
 Remarks Stape down x6 1) 3.193 (stage)  
 2) 9.05 (WT)  
 3) 167.1 (SC)  
 4) 14.5 (BU)  
 G.H. of zero flow ... ft. Sheet No. ... of ... sheets

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge	
							At point	Mean in ver- tical				
	1.3	.3	REW @ 13			25						
	1.6	.3	.11		60	40	1.47			.033	.049	
	1.9	.3	.24		100	48	2.03			.072	.146	
	2.2	.3	.24		80	40	1.95			.072	.140	
	2.5	.3	.25		80	41	1.91			.075	.143	
	2.8	.3	.24		100	45	2.17			.072	.156	
	3.1	.3	.23		100	43	2.26			.069	.156	
.99	3.4	.3	.22		80	51	1.54			.066	.102	
.98	3.7	.3	.19		60	42	1.40			.057	.080	
.98	4.0	.3	.10		50	49	1.01			.03	.030	
.98	4.3	.3	.07		40	45	.885			.027	.024	
	4.6	LE W @ 1340										
							1.79			.573	1.026	
	3.3						1.80					
0										.567	1.021	

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

Form 9-276  
 (July 1967)

STATION NUMBER

LEVEL NOTES

STREAM Crescent Str  
 LOCALITY \_\_\_\_\_  
 PARTY ESGQLES A DATE 1/24/07, 19   

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
(X) RMB	3.484	9.025		5.541	given
RM4			4.468	4.557	4.555
RPI			4.758	4.267	4.239
orifice			6.338	2.687	
PZF			6.311	2.714	
TPI	3838	8.804	4.059	4.966	
PZF			6.092	2.712	
orifice			6.108	2.696	
RPI			4.536	4.268	
RM4			4.245	4.559	
RM3			3.262	5.542	
					level #116203