

WATER RESOURCES DIVISION

Comp. by.

Sta. No. F9 DISCHARGE MEASUREMENT NOTES Checked by CHW

Green Creek
Date 1/3/2007, 19 Party PAC, EG
Width 3 Area 1.22 Vel. 2.3 G.H. Disch. 2.8
Method No. secs. G.H. change. in hrs. Susp.
Method coef. Hor. angle coef. Susp. coef. Meter No.
Type of meter PYS-7 Date rated Tag checked
Meter ft. above bottom of wt. Spin before meas. ok after ok
Meas. plots. % diff. from. rating. Levels obtained.

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside
1628	4.178		4.02	0.54*
1718	4.218		4.04	0.52
Weighted M.G.H.				
G. H. correction				
Correct M.G.H.				

No Yes Time 1635
S.C. = 28.6 us pH = 7.92
Samples Collected
No Yes Time 1635
CHW Method Used
EDI EWI Other.

SEDIMENT SAMPLES

No Yes Time
Method Used
EDI EWI Other.

BIOLOGICAL SAMPLES

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 ~ 3-5% of flow not in

Cross section good x-s, laminar, good bottom

Control

Gage operating weir full Weather clear, warm

Intake/Orifice cleaned Air °C@ Water °C@

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1700 Feed 10 Bbl rate ok per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks *Tape down outside wt. = 9.50

1) 4.188 2) wt = 9.39 3) SL = 32.8 [@ 1630]

4) BW = 13.8

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

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			
											.80
	3.5	LEWE		1655							.85
	3.7	0.2	.25		80	43	1.82			.05	.091
	4.0	0.2	.3		80	41	1.91			.06	.115
	4.3	0.5	.3		150	49	2.97			.15	.446
	4.6	0.6	.3		150	45	3.23			.18	.581
	4.9	0.6	.3		150	53	2.75			.18	.495
	5.2	0.55	.3		100	46	2.12			.165	.350
	5.5	0.6	.3		80	40	1.95			.18	.351
	5.8	0.50	.25		60	42	1.40			.125	.175
	6.0	0.4	.25		70	40	1.71			.1	.171
	6.3	0.1	.25		25	40	.631			.025	.016
	6.5	REWE		1714	415						
										1.215	2.791
0	3						2.3				1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80
.0	.10	.20	.30	.40	.50	.60	.70	.75			