

DISCHARGE MEASUREMENT NOTES

Sta. No. Onyx River @ Vanda Meas. No. JM
Comp. by CJ
Checked by _____

Date 12/20, 19 2000 Party JM, PC
Width 6.1 Area 3.585 Vel. 0.87 G. H. _____ Disch 2.020
Method meter No. secs. 21 G. H. change 0 in _____ hrs. Susp. Reel
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
Type of meter psym7 Date rated _____ Tag checked _____
Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____
Meas. plots _____ % diff. from _____ rating. Levels obtained NO

GAGE READINGS				WATER QUALITY MEASUREMENTS		
Time		Inside		Outside	No	Yes <input checked="" type="checkbox"/> Time _____
<u>1535</u>		<u>1.48</u>		<u>0.085</u>		<u>Samples Collected</u>
<u>1557</u>		<u>1.48</u>		<u>0.085</u>	No	Yes <input checked="" type="checkbox"/> Time _____
						<u>Method Used</u>
					EDI _____	EWI _____ Other _____
						<u>SEDIMENT SAMPLES</u>
					No <input checked="" type="checkbox"/>	Yes _____ Time _____
						<u>Method Used</u>
					EDI _____	EWI _____ Other _____
						<u>BIOLOGICAL SAMPLES</u>
Weighted M.G.H.					Yes _____	Time _____
G.H. correction					No _____	Type _____
Correct M.G.H.						

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 _____ °C@ _____
Record removed _____ Extreme Indicator: Max. _____ Min. _____
Nitrogen Pressure Tank _____ Feed _____ Bbl rate _____ per min.
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks _____

River at-

ANGLE COEF-FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVO-LUTIONS	TIME IN SEC-ONDS	VELOCITY		ADJUST-ED FOR HOR. ANGLE OR	AREA	DISCHARGE
							AT POINT	MEAN IN VER-TICAL			
	2.0	LEW	0		0	40	@	1535 hrs		0	0
	2.5		0.20		5	41		0.15		.080	.012
	2.8		0.20		5	49		0.13		.060	.008
	3.1		0.25		7	40		0.20		.075	.015
	3.4		0.40		15	49		0.33		.120	.039
	3.7		0.70		30	43		0.70		.210	.147
	4.0		0.70		40	52		0.77		.210	.162
	4.3		0.65		30	49		0.62		.195	.121
	4.6		0.75		15	40		0.39		.225	.088
	4.9		0.75		15	45		0.35		.225	.079
	5.2		0.75		30	51		0.60		.225	.134
	5.5		0.85		30	43		0.70		.255	.179
	5.8		0.85		40	49		0.82		.255	.208
	6.1		0.90		40	44		0.90		.270	.244
0	6.4		0.70		40	48		0.83		.210	.175
	6.7		0.70		7	48		0.17		.210	.036
	7.0		0.60		7	40		0.20		.180	.036
	7.3		0.65		15	50		0.32		.195	.062
	7.6		0.70		30	49		0.62		.210	.130
	7.9		0.70		40	48		0.83		.175	.146
	8.1	REW	0.70		0	40	@	1557		/	/
	/							/		3505	2.020
	6.1							0.87			