Vanda c

Form 9-275-G
(July 1994)

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

DISCHARGE MEASUREMENT NOTES

Sta. No. ON 4x @ VANDA

Meas. No. _____

Comp. by _____

Checked by _____

Date 1/9, 19 97 Party DK NB

Width 28.0 Area 19.38 Vel. 0.215 G. H. 0.71 Disch 4.16

Method .6 No. secs. 25 G. H. change 0 in 0.5 hrs. Susp. _____

Method coef. .6 Hor. angle coef. 1.0 Susp. coef. _____ Meter No. _____

Type of meter Pygmy Date rated _____ Tag checked _____

Meter _____ ft. above bottom of wt. Spin before meas. ✓ after ✓

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

GAGE READINGS

	Time		Inside			Outside
		CR10		staff	tape up	
@	1110	1.74		.170	0.71	
@	1140	1.75		.170	0.71	

Weighted M.G.H. _____

G.H. correction _____

Correct M.G.H. _____

WATER QUALITY MEASUREMENTS

No _____ Yes _____ Time _____

Samples Collected

No _____ Yes _____ Time _____

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 (over8%); 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 _____

G.H. of zero flow .50 ft. Sheet No. _____ of _____ sheets

depth over pit weir

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at–

ANGLE COEFFICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVOLUTIONS	TIME IN SECONDS	VELOCITY: AT POINT	VELOCITY: MEAN IN VERTICAL	ADJUSTED FOR HOR. ANGLE OR ----------	AREA	DISCHARGE	
LO	LEW @		1118	.6								.80
	5.0		0		0	40						.85
	6		.1		0	40						
	7		.3		0	40						
	8		.35		2	40						.90
	9		.55		10	43.1						.92
	10		.9		16	42.5						.94
	11		1.05		16	40.4						
	12		1.15		12	40.3						.96
	13		1.25		11	42.2						.97
	14		1.3		10	40.0						.98
	15		1.2		11	42.4						.99
	16		1.05		9	45.2						
	17		1.0		9	44.0						
⊙	18		.75		9	44.6						1.00
	19		.7		6	40.5						
	20		.65		5	43.7						
	21		.6		5	43.7						.99
	22		.7		2	40						.98
	23		.95		5	41.8						.97
	24		.85		5	42						.96
	26		.7		5	42						
	28		.6		6	42						.94
	30		.4		3	40						.92
	32		.1		0	40						.90
	REV @		1138									
	33		0		0	40						
												.85
												.80

.0 .10 .20 .30 .40 .50 .60 .70 .75