(Sep. 2000)

1 of 2

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND GAGE INSPECTION NOTES

Meas. No. _____

Comp. by _____

Checked by _____

Sta. No. _____

Sta. Name Owyhee CLWRT

Date 07 De , 2012 Party _____

Width 19.5 Area 7.85 Vel. 0.78 G. H. _____ Disch. 6.14

Method _____ No. secs. _____ G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type _____ Meter No. _____ Meter _____ ft. above bottom of wt.

Rating used _____ Spin test before meas. _____ ; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS						
Time	WT	WTm	SC	SCm	Inside	Outside
1050	5.0	5.0	20.9	29.2	1.13	1.14
1111	Start				1.13	1.14
1209	Finish				1.15	1.16
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other _____

@ 1048

Rain gage serviced/calibrated ___

Weather: _____

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 100 ft., mi. upstr., downstr. of gage

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: Steady, laminar

Cross section : cobble, level

Gage operating: _____ Record Removed _____

Battery voltage: _____ Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1900 , Line 9 ; Bubble-rate _____ /min

Extreme-GH indicators: max _____ , min _____ .

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: _____

Remarks: _____

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

GPO U.S. GOVERNMENT PRINTING OFFICE: 2007-657-026

Sheet No. 1 of 2 sheet

(2)

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

Form 9-276
(July 1967)

STATION NUMBER .....

~~LEVEL NOTES~~ Site Visit

STREAM Onyx @ LWRT

LOCALITY

PARTY jcd, clj, amw DATE 07 Dec 2012 ~~, 19~~

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
*New Program needs to be loaded					

NO. _____ OF ____ SHEETS _____ COMP. BY _____ CHK. BY _____

.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	.80
R=W	3.5	0	0		0	0						
	6.0		0.24		20	44		0.468				.85
	6.4		0.30		10	49		0.227				
	6.8		0.32		15	40		0.391				
	7.2		0.32		20	40		0.511				.90
	7.6		0.38		20	45.5		0.459				.92
	8.0		0.38		20	43		0.478				
	8.4		0.44		25	47		0.542				.94
	8.8		0.44		20	42		0.489				.96
	9.2		0.44		25	44		0.577				.97
	9.6		0.48		20	43		0.478				.98
	10.0		0.50		30	40.5	⊙	0.743				.99
	10.4		0.50		20	40		0.511				
	10.8		0.50		30	41		0.734				
⊙	11.2		0.52		25	46		0.553				1.00
	11.6		0.50		20	49		0.423				
	12.0		0.50		35	45	⊙					
	12.4		0.50		25	41		0.617				.99
	12.8		0.54		20	48		0.431				.98
	13.2		0.56		40	44		0.904				.97
	13.6		0.52		30	45		0.671				.96
	14.0		0.50		35	45						
	14.8		0.50		40	45		0.885				.94
	15.6		0.60		20	53		0.394				.92
	16.4		0.60		45	44						.90
	16.8		0.60		40	41		0.968				
	17.2		0.54		45	43						
	17.6		0.52		45	40						.85
	18.0		0.52		40	40		0.992				
	18.4		0.50		30	40		0.752				
	18.8		0.52		40	43		0.925				.80
	19.2		0.54		50	44		1.12				

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

(Sep. 2000)

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U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND GAGE INSPECTION NOTES

Meas. No. _____

Comp. by _____

Checked by _____

Sta. No. _____

Sta. Name Onyx @ LWRT

Date 07 Dec , 2017 Party jcd, clj, anw

Width 19.5 Area 7.85 Vel. 0.76 G. H. _____ Disch. 6.14

Method _____ No. secs. _____ G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type _____ Meter No. _____ Meter _____ ft. above bottom of wt.

Rating used _____ Spin test before meas. _____ ; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS						
Time					Inside	Outside
	Start					
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated ___

Weather: _____

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, _____ ft., mi. upstr., downstr. of gage

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: _____

Cross section : _____

Gage operating: _____ Record Removed _____

Battery voltage: _____ Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank _____ , Line _____ ; Bubble-rate _____ /min

Extreme-GH indicators: max _____ , min _____ .

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: _____

Remarks: _____

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

GPO U.S. GOVERNMENT PRINTING OFFICE: 2007-657-026

.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 INVERTICAL	ADJUSTED FOR HOR. ANGLE OR	AREA	DISCHARGE
	19.6		0.60		45	42					
	20.0		0.54		50	40		1.23			
	20.4		0.58		50	40		1.23			
	21.0		0.50		50	43		1.15			
	21.8		0.38		40	41		0.968			
	22.6		0.22		30	40					
LEW	24.4		0		0	0					

.80 .85 .90 .92 .94 .96 .97 .98 .99 1.00 .99 .98 .97 .96 .94 .92 .90 .85 .80

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