



STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

Water District

DISCHARGE MEASUREMENT NOTES

Meas. No. 5

Comp. by NIA

Checked by \_\_\_\_\_

Station No. \_\_\_\_\_

Date 7/9/07 Party CBurst

Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. G.H. 185 Discharge \_\_\_\_\_

Method \_\_\_\_\_ No. Secs. \_\_\_\_\_ G.H. chng \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_

Method coef. \_\_\_\_\_ Hor. Angle coef. \_\_\_\_\_ Susp. Coef. \_\_\_\_\_ Meter No. \_\_\_\_\_

| GAGE READINGS   |          |        |         |                                                        |
|-----------------|----------|--------|---------|--------------------------------------------------------|
| Time            | Recorder | Inside | Outside |                                                        |
|                 |          |        |         | Type of meter _____                                    |
|                 |          |        |         | Date Rated _____ for rod, other _____                  |
|                 |          |        |         | Meter _____ ft above bottom of weight                  |
|                 |          |        |         | Spin before Meas. _____ after _____                    |
|                 |          |        |         | Meas. plots _____ % diff. from rating _____            |
|                 |          |        |         | Wading, cable, ice, boat, upstr., downstr., side _____ |
|                 |          |        |         | bridge _____ feet, mile, above, below _____            |
|                 |          |        |         | gage, and _____                                        |
|                 |          |        |         | Check-bar, found _____                                 |
|                 |          |        |         | changed to _____ at _____                              |
|                 |          |        |         | Correct _____                                          |
|                 |          |        |         | Levels obtained _____                                  |
| Weighted M.G.H. |          |        |         |                                                        |
| G.H. correction |          |        |         |                                                        |
| Correct M.G.H.  |          |        |         |                                                        |

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%) based on following

conditions: cross section \_\_\_\_\_

Flow \_\_\_\_\_ Weather \_\_\_\_\_

Other \_\_\_\_\_ Air \_\_\_\_\_ °F@ \_\_\_\_\_

Gage \_\_\_\_\_ Water \_\_\_\_\_ °F@ \_\_\_\_\_

Record removed \_\_\_\_\_ Intake flushed- U / L \_\_\_\_\_

Observer \_\_\_\_\_

Control \_\_\_\_\_

Remarks No velocity in the ditch. Very  
Mossy.  
No measurement

G.H. of zero flow \_\_\_\_\_ ft.

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
Water District

### DISCHARGE MEASUREMENT NOTES

Meas. No. 9

Comp. by CB

Checked by \_\_\_\_\_

Station No.

Date 7/2, 07

Party UBand

Width \_\_\_\_\_ Area \_\_\_\_\_

Vel.            G.H. 157 Discharge 206

Discharge 2.86

Method \_\_\_\_\_ No. Secs. \_\_\_\_\_ G.H. chng \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_

G.H. chng \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_

Method coef. \_\_\_\_\_ Hor. Angle coef. \_\_\_\_\_ Susp. Coef. \_\_\_\_\_ Meter No. 11655

Susp. Coef. Meter No. 1633

Meter No. 19653

| GAGE READINGS   |  |          |        |         |
|-----------------|--|----------|--------|---------|
| Time            |  | Recorder | Inside | Outside |
|                 |  |          |        |         |
|                 |  |          |        |         |
|                 |  |          |        |         |
|                 |  |          |        |         |
|                 |  |          |        |         |
|                 |  |          |        |         |
|                 |  |          |        |         |
|                 |  |          |        |         |
|                 |  |          |        |         |
| Weighted M.G.H. |  |          |        |         |
| G.H. correction |  |          |        |         |
| Correct M.G.H.  |  |          |        |         |

Type of meter Swootter Model 2  
 Date Rated \_\_\_\_\_ for rod, other \_\_\_\_\_  
 Meter \_\_\_\_\_ ft above bottom of weight  
 Spin before Meas. \_\_\_\_\_ after \_\_\_\_\_  
 Meas. plots \_\_\_\_\_ % diff. from rating \_\_\_\_\_  
 Wading, cable, ice, boat, upstr., downstr., side  
 bridge \_\_\_\_\_ feet, mile, above, below  
 gage, and \_\_\_\_\_  
 Check-bar, found \_\_\_\_\_  
 changed to \_\_\_\_\_ at \_\_\_\_\_  
 Correct \_\_\_\_\_  
 Levels obtained \_\_\_\_\_

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%) based on following

conditions: cross section

Flow \_\_\_\_\_ Weather \_\_\_\_\_

Other \_\_\_\_\_ Air \_\_\_\_\_ °F @ \_\_\_\_\_

Gage \_\_\_\_\_ Water \_\_\_\_\_ °F @ \_\_\_\_\_

Record removed \_\_\_\_\_ Intake flushed- U/L \_\_\_\_\_

Observer ed I even checked across the

road. no velocity in the ditch.

Control

\_\_\_\_\_

cont. closed ditch completely

Remarks Wall Wash

Mosser in

litch is down to nothing ✓

G.H. of zero flow \_\_\_\_\_ ft.

Source: *Author's calculations*.

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

River at --

[illegible]

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

Water District

### DISCHARGE MEASUREMENT NOTES

Meas. No. 5

Comp. by CB

Checked by \_\_\_\_\_

Station No.

Date 6/27, 07

Party Chen

Width 6.8'

Area

Vel.\_\_\_\_\_

G.H. 6

Discharge 6.0 c/s

Method 6

No. Secs. \_\_\_\_\_

G.H. chng\_

in \_\_\_\_\_

\_\_\_\_ hrs. Susp.

Method coef.

Hor. Angle coef.

Susp. Coef.           

Meter No. 170331

| GAGE READINGS   |     |          |        |         |
|-----------------|-----|----------|--------|---------|
| Time            |     | Recorder | Inside | Outside |
| 9:20            | -12 |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
|                 |     |          |        |         |
| Weighted M.G.H. |     |          |        |         |
| G.H. correction |     |          |        |         |
| Correct M.G.H.  |     |          |        |         |

Type of meter \_\_\_\_\_

Date Rated \_\_\_\_\_ for rod, other \_\_\_\_\_

Meter \_\_\_\_\_ ft above bottom of weight

Spin before Meas. ☒ after \_\_\_\_\_

Meas. plots \_\_\_\_\_ % diff. from rating \_\_\_\_\_

Wading, cable, ice, boat, upstr., downstr., side \_\_\_\_\_

bridge \_\_\_\_\_ feet, mile, above, below \_\_\_\_\_

gage, and \_\_\_\_\_

Check-bar, found \_\_\_\_\_

changed to \_\_\_\_\_ at \_\_\_\_\_

Correct \_\_\_\_\_

Levels obtained \_\_\_\_\_

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%) based on following

conditions: cross section

Flow

## Weather

Other: \_\_\_\_\_

Air 79 °F@

Gage \_\_\_\_\_

Water \_\_\_\_\_ °F @ \_\_\_\_\_

Record removed

Intake flushed- U / L\_\_

Observer

Control

Remarks

G.H. of zero flow \_\_\_\_\_ ft.

[illegible]

STATE OF IDAHO  
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Water District

### DISCHARGE MEASUREMENT NOTES

Meas. No. 2

Comp. by

Checked by \_\_\_\_\_

Station No.

Date 6/20, 01 Party Cinder Bird

Width 2.0' Area \_\_\_\_\_ Vel. \_\_\_\_\_ G.H. 7.75 Discharge 4.33

Method 4 No. Secs. \_\_\_\_\_ G.H. chng \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_

Method coef. \_\_\_\_\_ Hor. Angle coef. \_\_\_\_\_ Susp. Coef. \_\_\_\_\_ Meter No. \_\_\_\_\_

| GAGE READINGS   |  |          |        |         | Type of meter _____                              |
|-----------------|--|----------|--------|---------|--------------------------------------------------|
| Time            |  | Recorder | Inside | Outside | Date Rated _____ for rod, other                  |
|                 |  |          |        |         | Meter _____ ft above bottom of weight            |
|                 |  |          |        |         | Spin before Meas. _____ after _____              |
|                 |  |          |        |         | Meas. plots _____ % diff. from rating _____      |
|                 |  |          |        |         | Wading, cable, ice, boat, upstr., downstr., side |
|                 |  |          |        |         | bridge _____ feet, mile, above, below            |
|                 |  |          |        |         | gage, and _____                                  |
|                 |  |          |        |         | Check-bar, found _____                           |
| Weighted M.G.H. |  |          |        |         | changed to _____ at _____                        |
| G.H. correction |  |          |        |         | Correct _____                                    |
| Correct M.G.H.  |  |          |        |         | Levels obtained                                  |

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%) based on following

conditions: cross section 100 ft x 5 in canal

Flow \_\_\_\_\_ Weather 73°

Other \_\_\_\_\_ Air \_\_\_\_\_ °F @ \_\_\_\_\_

Gage \_\_\_\_\_ Water \_\_\_\_\_ °F @ \_\_\_\_\_

Record removed Intake flushed- U / L

Observer \_\_\_\_\_

Control

Remarks 4 Rectangular Wires

Velocities measured at twice center

G.H. of zero flow ..... ft. *10* *ft. 10 in.*

of the ...

[illegible]

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

Water District

RCS  
#196537.

## DISCHARGE MEASUREMENT NOTES

Meas. No. 1

Comp. by CB

Checked by \_\_\_\_\_

Station No.

Date 6/12, 07

Party Coben, Cindy

Width 65

Area \_\_\_\_\_

Vel.

G.H

## Discharge

Method 6

No. Secs.\_\_\_\_\_

G.H. chng

---

in

\_\_\_\_ hrs. Susp

Method coef.

Hor. Angle coef.

Susp. Coef.

Meter No. 196321

| GAGE READINGS   |  |          |        |         | Type of meter                                            |
|-----------------|--|----------|--------|---------|----------------------------------------------------------|
| Time            |  | Recorder | Inside | Outside |                                                          |
| 6:19            |  | —        | —      | —       | Date Rated _____ for rod, other _____                    |
|                 |  |          |        |         | Meter _____ ft above bottom of weight                    |
|                 |  |          |        |         | Spin before Meas. <u>Y</u> after <u>Y</u>                |
|                 |  |          |        |         | Meas. plots _____ % diff. from rating _____              |
|                 |  |          |        |         | <u>Wading</u> , cable, ice, boat, upstr., downstr., side |
|                 |  |          |        |         | bridge _____ feet, mile, above, below                    |
|                 |  |          |        |         | gage, and _____                                          |
|                 |  |          |        |         | Check-bar, found _____                                   |
|                 |  |          |        |         | changed to _____ at _____                                |
| Weighted M.G.H. |  |          |        |         | Correct _____                                            |
| G.H. correction |  |          |        |         | Levels obtained _____                                    |
| Correct M.G.H.  |  |          |        |         |                                                          |

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%) based on following

conditions: cross section Natural channel, moss, tall grass

Flow along the sides Weather Hot

Other: \_\_\_\_\_ Air \_\_\_\_\_ °F @ \_\_\_\_\_

Gage NONE, completely Water \_\_\_\_\_ °F@ \_\_\_\_\_

Record removed \_\_\_\_\_ Intake flushed- U / L \_\_\_\_\_

Observer: Cindy

Control Corbin

Remarks: channel is very mossy, lots of sediment  
lots of mosquitos

G.H. of zero flow ..... ft.

Lloyd ditch

0 10 20 30 40 50 60 70 75

River at --

[illegible]

Adm - 731-0435