

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | (NA)        |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u>  |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |             |         |             |
| D4-9 Joyce             | 1-5  |                 |         |             |         | <u>9.0</u>  |
| D10 Edwards            | 5    | 5.14            |         |             |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |             |         | <u>2.6</u>  |
| D3 Joyce               | 7-8  | 2.46**          |         |             |         |             |
| D4-9 Joyce             | 7-8  |                 |         |             |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>11.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |             |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |             |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 9.0 CFS.  
Reservoir about 3 ft level  
Probably last day on job.

Mileage 40

Nick Ikli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 06/17/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 0.60  
HULET (natural)D2 11.4  
HULET (stored)D3 5.0  
JLLQM 19.0  
CANAL TOTALQI 9.0  
INLET

MMC

QA 4.0  
CREEKD4 1.0D5 1.0D6 1.0D7 1.0D8 —D9 —9.0  
JLL TOTALD10 5.08  
EDWARDSD11 26  
NAHASQB 97  
CREEKNahas  
Reservoir**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

SNAKE RIVER

Hulet  
Reservoir

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | ____(NA)    |         | ____(NB)    |
| D1 Hulet               | 1    | 0.6             | ____    | <u>.60</u>  | ____    | ____        |
| D3 Joyce*              | 1-5  | 18.61**         | ____    | ____        | ____    | ____        |
| D4-9 Joyce             | 1-5  |                 |         |             | ____    | <u>16.0</u> |
| D10 Edwards            | 5    | 5.14            |         |             | ____    | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |             | ____    | <u>1.7</u>  |
| D3 Joyce               | 7-8  | 2.46**          | ____    | ____        | ____    | ____        |
| D4-9 Joyce             | 7-8  |                 |         |             | ____    | ____        |
| D1 Hulet               | 9    | 54.4            | ____    | <u>19.4</u> | ____    | ____        |
| D11 Nahas              | 10a  | 0.97            |         |             | ____    | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |             | ____    | ____        |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 16.0 C.F.S.  
 Reservoir @ 22 1/2 ft level.  
 Baker Complaining, not enough water, after letting  
 all that water go to the river. I notified  
 Paul Nettleton

Mileage 40

Mark Shli  
 WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 06/09/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 .60  
HULET (natural)

D2 19.4  
HULET (stored)

D3 12.0  
JLL

QM 32.0  
CANAL TOTAL

QI 16.0  
INLET

QA 4.0  
CREEK

D4 1.0D5 1.0D6 1.0D7 1.0D8 —D9 —

16.0  
JLL TOTAL

D10 5.08  
EDWARDS

D11 1.7  
NAHAS

QB .97  
CREEK

Nahas  
Reservoir

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

SLAKE RIVER

Hulet  
Reservoir

MMC

Sinker Creek

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | (NA)        |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>1.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |             |         |             |
| D4-9 Joyce             | 1-5  |                 |         |             |         | <u>21.0</u> |
| D10 Edwards            | 5    | 5.14            |         |             |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |             |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |             |         |             |
| D4-9 Joyce             | 7-8  |                 |         |             |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>7.4</u>  |         |             |
| D11 Nahas              | 10a  | 0.97            |         |             |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |             |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 22.0 CFS.  
Reservoir @ 25 ft level

Mileage 35

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 06/07/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 7.4  
HULET (stored)D3 12.0  
JLLQM 20.0  
CANAL TOTALQI 22.0  
INLET

MMC

QA 9.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 -21.0  
JLL TOTALD10 5.08  
EDWARDSD11 2.63  
NAHASQB 9.7  
CREEKNahas  
Reservoir**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

SNAKE RIVER

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |            | REACH B |             |
|------------------------|------|-----------------|---------|------------|---------|-------------|
|                        |      |                 | DIV     | RNF        | DIV     | RNF         |
|                        |      |                 |         | (NA)       |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |            |         |             |
| D4-9 Joyce             | 1-5  |                 |         |            |         | <u>16.0</u> |
| D10 Edwards            | 5    | 5.14            |         |            |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |            |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |            |         |             |
| D4-9 Joyce             | 7-8  |                 |         |            |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>7.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |            |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |            |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Started water down M.M.C.  
Inflow 25.0 CFS.  
Reservoir @ 25 ft level.

Mileage 40

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 06/04/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 .60  
HULET (natural)D2 7.4  
HULET (stored)D3 7.0  
JLLQM 15.0  
CANAL TOTALQI 25.0  
INLET

MMC

QA 9.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 —16.0  
JLL TOTALD10 5.08  
EDWARDSD11 2.63  
NAHASQB .97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |       | REACH B |             |
|------------------------|------|-----------------|---------|-------|---------|-------------|
|                        |      |                 | DIV     | RNF   | DIV     | RNF         |
|                        |      |                 |         | (NA)  |         | (NB)        |
| D1 Hulet               | 1    | 0.6             | _____   | _____ | _____   | _____       |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____ | _____   | _____       |
| D4-9 Joyce             | 1-5  |                 |         |       | _____   | <u>9.0</u>  |
| D10 Edwards            | 5    | 5.14            |         |       | _____   | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |       | _____   | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____ | _____   | _____       |
| D4-9 Joyce             | 7-8  |                 |         |       | _____   | _____       |
| D1 Hulet               | 9    | 54.4            | _____   | _____ | _____   | _____       |
| D11 Nahas              | 10a  | 0.97            |         |       | _____   | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |       | _____   | _____       |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Big rain, shut down m.m.c.  
Inflow @ 26.0 cfs  
Reservoir @ 23 ft level.

Mileage 35

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/31/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 \_\_\_\_\_  
JLLQM \_\_\_\_\_  
CANAL TOTALQI 26.0  
INLETHulet  
Reservoir

MMC

QA 9.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 -9.0  
JLL TOTAL

Sinker Creek

D10 5.08  
EDWARDSD11 263  
NAHASQB 97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | ____ (NA)   |         | ____ (NB)   |
| D1 Hulet               | 1    | 0.6             | ____    | <u>.60</u>  | ____    | ____        |
| D3 Joyce*              | 1-5  | 18.61**         | ____    | ____        | ____    | ____        |
| D4-9 Joyce             | 1-5  |                 |         |             | ____    | <u>21.0</u> |
| D10 Edwards            | 5    | 5.14            |         |             | ____    | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |             | ____    | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          | ____    | ____        | ____    | ____        |
| D4-9 Joyce             | 7-8  |                 |         |             | ____    | ____        |
| D1 Hulet               | 9    | 54.4            | ____    | <u>15.4</u> | ____    | ____        |
| D11 Nahas              | 10a  | 0.97            |         |             | ____    | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |             | ____    | ____        |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Big washout on creek, some S.O.B. opened gate under dam, night before and let all water down creek, washed out ditch & road. Paul magnet fixed & water restored that evening.

Inflow 28.0 CFS.

Reservoir @ 17 ft

2 trips to dam that day.

Mileage 20

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/27/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 15.4  
HULET (stored)D3 10.0  
JLLQM 26.0  
CANAL TOTALQI 28.0  
INLET

MMC

QA 11.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.5D9 1.521.0  
JLL TOTALD10 5.08  
EDWARDSD11 2.63  
NAHASQB .97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | (NA)        |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>0.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |             |         |             |
| D4-9 Joyce             | 1-5  |                 |         |             |         | <u>21.0</u> |
| D10 Edwards            | 5    | 5.14            |         |             |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |             |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |             |         |             |
| D4-9 Joyce             | 7-8  |                 |         |             |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>15.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |             |         | <u>97</u>   |
| D11 Nahas              | 10b  | 7.474           |         |             |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 25.70 est. C.F.S.  
Reservoir @ 17 ft level.

Mileage 35

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/22/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 15.4  
HULET (stored)D3 10.0  
JLLQM 26.0  
CANAL TOTALQI 25.0  
INLET

MMC

QA 11.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.5D9 1.521.0  
JLL TOTALD10 5.08  
EDWARDSD11 2.63  
NAHASQB 0.97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |            | REACH B |             |
|------------------------|------|-----------------|---------|------------|---------|-------------|
|                        |      |                 | DIV     | RNF        | DIV     | RNF         |
|                        |      |                 |         | (NA)       |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |            |         |             |
| D4-9 Joyce             | 1-5  |                 |         |            |         | <u>21.0</u> |
| D10 Edwards            | 5    | 5.14            |         |            |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |            |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |            |         |             |
| D4-9 Joyce             | 7-8  |                 |         |            |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>9.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |            |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |            |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 30.0 cfs.  
Reservoir @ 24½ ft level.

Mileage 35

Nick Ishi  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/19/2003**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 9.4  
HULET (stored)D3 10.0  
JLLQM 20.0  
CANAL TOTALQI 30.0  
INLET

MMC

QA 11.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.5D9 1.521.0  
JLL TOTALD10 5.08  
EDWARDSQB .97  
CREEK  
D11 2.63  
NAHASNahas  
Reservoir**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

SNAKE RIVER

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | (NA)        |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>0.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |             |         |             |
| D4-9 Joyce             | 1-5  |                 |         |             |         | <u>21.0</u> |
| D10 Edwards            | 5    | 5.14            |         |             |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |             |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |             |         |             |
| D4-9 Joyce             | 7-8  |                 |         |             |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>14.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |             |         | <u>0.97</u> |
| D11 Nahas              | 10b  | 7.474           |         |             |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 31.0 C.F.S.

Reservoir @ 25 1/2 ft

Mileage 35

Nick Ohli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/16/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 14.4  
HULET (stored)D3 10.0  
JLLQM 25.0  
CANAL TOTALQI 31.0  
INLET

MMC

QA 11.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.5D9 1.521.0

JLL TOTAL

D10 5.08  
EDWARDSD11 2.63  
NAHASQB 0.97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |            | REACH B |             |
|------------------------|------|-----------------|---------|------------|---------|-------------|
|                        |      |                 | DIV     | RNF        | DIV     | RNF         |
|                        |      |                 |         | (NA)       |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |            |         |             |
| D4-9 Joyce             | 1-5  |                 |         |            |         | <u>21.0</u> |
| D10 Edwards            | 5    | 5.14            |         |            |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |            |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |            |         |             |
| D4-9 Joyce             | 7-8  |                 |         |            |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>9.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |            |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |            |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow 30.0 cfs. Reservoir @ 25½ ft level.  
Millions of Mormon Crickets floating down Creek.

Mileage 35

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/15/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 6.0  
HULET (natural)D2 9.4  
HULET (stored)D3 10.0  
JLLQM 20.0  
CANAL TOTALQI 30.0  
INLET

MMC

QA 11.0  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.5D9 1.521.0  
JLL TOTALD10 5.08  
EDWARDSD11 2.63  
NAHASQB 9.7  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |            | REACH B |             |
|------------------------|------|-----------------|---------|------------|---------|-------------|
|                        |      |                 | DIV     | RNF        | DIV     | RNF         |
|                        |      |                 |         | (NA)       |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |            |         |             |
| D4-9 Joyce             | 1-5  |                 |         |            |         | <u>14.5</u> |
| D10 Edwards            | 5    | 5.14            |         |            |         |             |
| D11 Nahas              | 6    | 2.63            |         |            |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |            |         |             |
| D4-9 Joyce             | 7-8  |                 |         |            |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>9.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |            |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |            |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow at 21.0 cfs.  
Reservoir at 25 ft level  
water still going to Snake River.

Mileage 40

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/14/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 6.0  
HULET (natural)D2 9.40  
HULET (stored)D3 4.0  
JLLQM 14.0  
CANAL TOTALQI 21.0  
INLET

MMC

QA 10.5  
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.514.5  
JLL TOTALD10 —  
EDWARDSD11 263  
NAHASQB 97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |           | REACH B |             |
|------------------------|------|-----------------|---------|-----------|---------|-------------|
|                        |      |                 | DIV     | RNF       | DIV     | RNF         |
|                        |      |                 |         | ____ (NA) |         | ____ (NB)   |
| D1 Hulet               | 1    | 0.6             | ____    | ____      | ____    | ____        |
| D3 Joyce*              | 1-5  | 18.61**         | ____    | ____      | ____    | ____        |
| D4-9 Joyce             | 1-5  |                 |         |           | ____    | <u>14.5</u> |
| D10 Edwards            | 5    | 5.14            |         |           | ____    | ____        |
| D11 Nahas              | 6    | 2.63            |         |           | ____    | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          | ____    | ____      | ____    | ____        |
| D4-9 Joyce             | 7-8  |                 |         |           | ____    | ____        |
| D1 Hulet               | 9    | 54.4            | ____    | ____      | ____    | ____        |
| D11 Nahas              | 10a  | 0.97            |         |           | ____    | <u>97</u>   |
| D11 Nahas              | 10b  | 7.474           |         |           | ____    | ____        |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Big rain, muddy at dam.  
Inflow 20.0 cfs (est.) Shut Hulet off.  
Reservoir @ 17 ft level  
lots of water going to River.

Mileage 35

Nish Jhli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/09/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 4.0  
JLLQM 4.0  
CANAL TOTALQI 20.0  
INLETHulet  
Reservoir

MMC

QA 10.5  
CREEKD4 2.0D5 2.0D6 1.0D7 2.0D8 1.0D9 1.514.5

JLL TOTAL

Sinker Creek

D10 \_\_\_\_\_  
EDWARDSD11 2.63  
NAHASQB .97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |            | REACH B |             |
|------------------------|------|-----------------|---------|------------|---------|-------------|
|                        |      |                 | DIV     | RNF        | DIV     | RNF         |
|                        |      |                 |         | (NA)       |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |            |         |             |
| D4-9 Joyce             | 1-5  |                 |         |            |         | <u>15.0</u> |
| D10 Edwards            | 5    | 5.14            |         |            |         |             |
| D11 Nahas              | 6    | 2.63            |         |            |         | <u>2.63</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |            |         |             |
| D4-9 Joyce             | 7-8  |                 |         |            |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>8.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |            |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |            |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

2 trips to Reservoir to start water in m.m.c.  
 3 good rain during interim.  
 Inflow @ 15.0 C.F.S.  
 Reservoir @ 17ft level  
 Some water going into River.

Mileage 70

Nick Shli  
 WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 05/06/03**Instructions for completing form**

1. Measure flows at Q1, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 0.60  
HULET (natural)D2 8.40  
HULET (stored)D3 7.0  
JLLQM 16.0  
CANAL TOTALQ1 15.0  
INLETHulet  
Reservoir

MMC

QA 8.0  
CREEKD4 2.0D5 2.0D6 2.0D7 1.5D8 0.5D9 —15.0  
JLL TOTALD10 —  
EDWARDSD11 263  
NAHASQB 0.97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |       | REACH B |             |
|------------------------|------|-----------------|---------|-------|---------|-------------|
|                        |      |                 | DIV     | RNF   | DIV     | RNF         |
|                        |      |                 |         | (NA)  |         | (NB)        |
| D1 Hulet               | 1    | 0.6             | _____   | _____ | _____   | _____       |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____ | _____   | _____       |
| D4-9 Joyce             | 1-5  |                 |         |       | _____   | <u>13.0</u> |
| D10 Edwards            | 5    | 5.14            |         |       | _____   | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |       | _____   | <u>2.82</u> |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____ | _____   | _____       |
| D4-9 Joyce             | 7-8  |                 |         |       | _____   | _____       |
| D1 Hulet               | 9    | 54.4            | _____   | _____ | _____   | _____       |
| D11 Nahas              | 10a  | 0.97            |         |       | _____   | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |       | _____   | _____       |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

2 trips to Reservoir, first to Cut Hulet down  
and then to Cut Clear off.  
Inflow @ 13.4 cfs  
Reservoir @ 15 ft level

Mileage 70

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/29/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 \_\_\_\_\_  
JLLQM \_\_\_\_\_  
CANAL TOTALQI 15.4  
INLETHulet  
Reservoir

MMC

QA 13.0  
CREEKD4 5.0D5 4.0D6 2.0D7 1.0D8 1.0D9 -13.0  
JLL TOTAL

Sinker Creek

D10 5.08  
EDWARDSD11 2.82  
NAHASQB 0.97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) \cdot \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |            | REACH B |             |
|------------------------|------|-----------------|---------|------------|---------|-------------|
|                        |      |                 | DIV     | RNF        | DIV     | RNF         |
|                        |      |                 |         | (NA)       |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |            |         |             |
| D4-9 Joyce             | 1-5  |                 |         |            |         | <u>15.0</u> |
| D10 Edwards            | 5    | 5.14            |         |            |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |            |         | <u>2.82</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |            |         |             |
| D4-9 Joyce             | 7-8  |                 |         |            |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>9.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |            |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |            |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 15.4 C.F.S.  
Reservoir @ 19 ft level.

Mileage 45

Nick Oli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/25/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 9.4  
HULET (stored)D3 8.0  
JLLQM \_\_\_\_\_  
CANAL TOTALQI 15.4  
INLETHulet  
Reservoir

MMC

QA 7.0  
CREEKD4 2.0D5 2.0D6 1.0D7 1.0D8 1.0D9 1.015.0  
JLL TOTAL

Sinker Creek

D10 5.08  
EDWARDSD11 2.82  
NAHASQB 1.97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) \cdot \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B     |      |
|------------------------|------|-----------------|---------|-------------|-------------|------|
|                        |      |                 | DIV     | RNF         | DIV         | RNF  |
|                        |      |                 |         | (NA)        |             | (NB) |
| D1 Hulet               | 1    | 0.6             |         | <u>0.60</u> |             |      |
| D3 Joyce*              | 1-5  | 18.61**         |         |             |             |      |
| D4-9 Joyce             | 1-5  |                 |         |             | <u>15.7</u> |      |
| D10 Edwards            | 5    | 5.14            |         |             | <u>5.14</u> |      |
| D11 Nahas              | 6    | 2.63            |         |             | <u>2.33</u> |      |
| D3 Joyce               | 7-8  | 2.46**          |         |             |             |      |
| D4-9 Joyce             | 7-8  |                 |         |             |             |      |
| D1 Hulet               | 9    | 54.4            |         | <u>16.4</u> |             |      |
| D11 Nahas              | 10a  | 0.97            |         |             | <u>0.97</u> |      |
| D11 Nahas              | 10b  | 7.474           |         |             |             |      |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Mike Shi repaired overflow from upper weir, now all going over weir.

Inflow @ 15.0 cfs

Reservoir @ 22 ft level.

Mileage 40

Mike Shi  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/22/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 6.0  
HULET (natural)D2 16.4  
HULET (stored)D3 8.0  
JLLQM 25.0  
CANAL TOTALQI 15.0  
INLET

MMC

QA 7.7  
CREEKD4 2.0D5 2.0D6 2.0D7 1.0D8 .7D9 -15.7  
JLL TOTALD10 5.4  
EDWARDSD11 2.33  
NAHASQB .97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | (NA)        |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>.60</u>  |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |             |         |             |
| D4-9 Joyce             | 1-5  |                 |         |             |         | <u>16.6</u> |
| D10 Edwards            | 5    | 5.14            |         |             |         | <u>5.14</u> |
| D11 Nahas              | 6    | 2.63            |         |             |         | <u>2.33</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |             |         |             |
| D4-9 Joyce             | 7-8  |                 |         |             |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>19.4</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |             |         | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |             |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 17.0 CFS  
Reservoir @ 27½ ft level

Mileage 35

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/19/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 19.4  
HULET (stored)D3 8.6  
JLLQM 28.6  
CANAL TOTALQI 17.0  
INLETHulet  
Reservoir

MMC

QA 8.0  
CREEKD4 2.0D5 2.0D6 2.0D7 1.0D8 1.0D9 -16.6  
JLL TOTAL

Sinker Creek

D10 5.14  
EDWARDSD11 2.33  
NAHASQB 97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |      | REACH B |      |
|------------------------|------|-----------------|---------|------|---------|------|
|                        |      |                 | DIV     | RNF  | DIV     | RNF  |
|                        |      |                 |         | (NA) |         | (NB) |
| D1 Hulet               | 1    | 0.6             |         | 16.0 |         |      |
| D3 Joyce*              | 1-5  | 18.61**         |         |      |         |      |
| D4-9 Joyce             | 1-5  |                 |         |      | 16.6    |      |
| D10 Edwards            | 5    | 5.14            |         |      | 5.08    |      |
| D11 Nahas              | 6    | 2.63            |         |      | 2.33    |      |
| D3 Joyce               | 7-8  | 2.46**          |         |      |         |      |
| D4-9 Joyce             | 7-8  |                 |         |      |         |      |
| D1 Hulet               | 9    | 54.4            |         | 11.4 |         |      |
| D11 Nahas              | 10a  | 0.97            |         |      | .97     |      |
| D11 Nahas              | 10b  | 7.474           |         |      |         |      |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 17.0 C.F.S.  
Reservoir @ 28 ft level

Mileage 35

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/17/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 .60  
HULET (natural)D2 11.4  
HULET (stored)D3 8.6  
JLLQM 20.6  
CANAL TOTALQI 17.0  
INLET

MMC

QA 8.0  
CREEKD4 2.0D5 2.0D6 2.0D7 1.0D8 1.0D9 -16.6  
JLL TOTALD10 5.08  
EDWARDSD11 2.33  
NAHASQB .97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |            | REACH B |             |
|------------------------|------|-----------------|---------|------------|---------|-------------|
|                        |      |                 | DIV     | RNF        | DIV     | RNF         |
|                        |      |                 |         | (NA)       |         | (NB)        |
| D1 Hulet               | 1    | 0.6             | _____   | <u>.60</u> | _____   | _____       |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____      | _____   | _____       |
| D4-9 Joyce             | 1-5  |                 |         |            | _____   | <u>15.2</u> |
| D10 Edwards            | 5    | 5.14            |         |            | _____   | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |            | _____   | <u>2.33</u> |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____      | _____   | _____       |
| D4-9 Joyce             | 7-8  |                 |         |            | _____   | _____       |
| D1 Hulet               | 9    | 54.4            | _____   | <u>8.0</u> | _____   | _____       |
| D11 Nahas              | 10a  | 0.97            |         |            | _____   | <u>.97</u>  |
| D11 Nahas              | 10b  | 7.474           |         |            | _____   | _____       |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Good rain.  
Inflow @ 17.6 cfs  
Reservoir @ 30 ft level.

Mileage 35

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/14/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.60  
HULET (natural)D2 8.0  
HULET (stored)D3 8.6  
JLLQM 17.2  
CANAL TOTALQI 17.6  
INLET

MMC

QA 8.6  
CREEKD4 2.0D5 2.0D6 1.6D7 1.0D8 1.0D9 1.015.2  
JLL TOTALD10 5.08  
EDWARDSD11 2.33  
NAHASQB 1.97  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | (NA)        |         | (NB)        |
| D1 Hulet               | 1    | 0.6             |         | <u>0.60</u> |         |             |
| D3 Joyce*              | 1-5  | 18.61**         |         |             |         |             |
| D4-9 Joyce             | 1-5  |                 |         |             |         | <u>13.6</u> |
| D10 Edwards            | 5    | 5.14            |         |             |         | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            |         |             |         | <u>2.16</u> |
| D3 Joyce               | 7-8  | 2.46**          |         |             |         |             |
| D4-9 Joyce             | 7-8  |                 |         |             |         |             |
| D1 Hulet               | 9    | 54.4            |         | <u>9.40</u> |         |             |
| D11 Nahas              | 10a  | 0.97            |         |             |         | <u>0.97</u> |
| D11 Nahas              | 10b  | 7.474           |         |             |         |             |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 14.6 cfs  
Reservoir @ 31 ft level

Mileage 35

Nick Ishi  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/11/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 .60  
HULET (natural)D2 9.40  
HULET (stored)D3 7.75  
JLLQM 17.75  
CANAL TOTALQI 14.6  
INLET

MMC

QA 5.85  
CREEKD4 2.0D5 1.0D6 1.0D7 1.0D8 .85D9 -13.6  
JLL TOTALD10 5.08  
EDWARDSD11 2.16  
NAHASQB .97  
CREEKNahas  
Reservoir**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

SNAKE RIVER

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |             | REACH B |             |
|------------------------|------|-----------------|---------|-------------|---------|-------------|
|                        |      |                 | DIV     | RNF         | DIV     | RNF         |
|                        |      |                 |         | (NA)        |         | (NB)        |
| D1 Hulet               | 1    | 0.6             | —       | <u>0.60</u> | —       | —           |
| D3 Joyce*              | 1-5  | 18.61**         | —       | —           | —       | <u>15.0</u> |
| D4-9 Joyce             | 1-5  |                 | —       | —           | —       | —           |
| D10 Edwards            | 5    | 5.14            | —       | —           | —       | <u>5.08</u> |
| D11 Nahas              | 6    | 2.63            | —       | —           | —       | <u>2.16</u> |
| D3 Joyce               | 7-8  | 2.46**          | —       | —           | —       | —           |
| D4-9 Joyce             | 7-8  |                 | —       | —           | —       | —           |
| D1 Hulet               | 9    | 54.4            | —       | <u>8.40</u> | —       | —           |
| D11 Nahas              | 10a  | 0.97            | —       | —           | —       | <u>0.97</u> |
| D11 Nahas              | 10b  | 7.474           | —       | —           | —       | —           |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

First day to start water in M.M.C.

Charge 30 miles per yesterday - checked Reservoir.

Inflow @ 15.0 cfs.

Reservoir @ 32½ ft level.

Mileage 70

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 04/07/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 .60  
HULET (natural)D2 8.40  
HULET (stored)D3 6.5  
JLLQM 15.5  
CANAL TOTALQI 15.0  
INLET

MMC

QA 8.5  
CREEKD4 2.0D5 2.0D6 2.0D7 1.0D8 1.5D9     ~~8.5~~ 15.0  
JLL TOTALD10 5.08  
EDWARDSD11 2.16  
NAHASQB .97  
CREEKNahas  
Reservoir**Computing Natural Flows**

$$\frac{\quad}{D1} + \frac{\quad}{D3} + \frac{\quad}{QA} = \frac{\quad}{NA}$$

$$\left( \frac{\quad}{JLL} + \frac{\quad}{D10} + \frac{\quad}{D11} + \frac{\quad}{QB} \right) - \frac{\quad}{QA} = \frac{\quad}{GA-B}$$

$$\frac{\quad}{GA-B} + \frac{\quad}{NA} = \frac{\quad}{NB}$$

SNAKE RIVER

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |       | REACH B |       |
|------------------------|------|-----------------|---------|-------|---------|-------|
|                        |      |                 | DIV     | RNF   | DIV     | RNF   |
|                        |      |                 |         | (NA)  |         | (NB)  |
| D1 Hulet               | 1    | 0.6             | _____   | _____ | _____   | _____ |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____ | 14.0    | _____ |
| D4-9 Joyce             | 1-5  |                 | _____   | _____ | _____   | _____ |
| D10 Edwards            | 5    | 5.14            | _____   | _____ | _____   | _____ |
| D11 Nahas              | 6    | 2.63            | _____   | _____ | _____   | _____ |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____ | _____   | _____ |
| D4-9 Joyce             | 7-8  |                 | _____   | _____ | _____   | _____ |
| D1 Hulet               | 9    | 54.4            | _____   | _____ | _____   | _____ |
| D11 Nahas              | 10a  | 0.97            | _____   | _____ | _____   | _____ |
| D11 Nahas              | 10b  | 7.474           | _____   | _____ | _____   | _____ |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 14.5 cfs.  
Reservoir @ 32½ ft level

Mileage 30

Nick Shli  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 03/31/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 \_\_\_\_\_  
JLLQM \_\_\_\_\_  
CANAL TOTALQI 14.5  
INLETHulet  
Reservoir

MMC

QA 14.0  
CREEKD4 3.0D5 3.0D6 3.0D7 3.0D8 1.0D9 1.014.0  
JLL TOTAL

Sinker Creek

D10 \_\_\_\_\_  
EDWARDSD11 \_\_\_\_\_  
NAHASQB \_\_\_\_\_  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |       | REACH B |       |
|------------------------|------|-----------------|---------|-------|---------|-------|
|                        |      |                 | DIV     | RNF   | DIV     | RNF   |
|                        |      |                 |         | (NA)  |         | (NB)  |
| D1 Hulet               | 1    | 0.6             | _____   | _____ | _____   | _____ |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____ | _____   | 12.0  |
| D4-9 Joyce             | 1-5  |                 | _____   | _____ | _____   | _____ |
| D10 Edwards            | 5    | 5.14            | _____   | _____ | _____   | _____ |
| D11 Nahas              | 6    | 2.63            | _____   | _____ | _____   | _____ |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____ | _____   | _____ |
| D4-9 Joyce             | 7-8  |                 | _____   | _____ | _____   | _____ |
| D1 Hulet               | 9    | 54.4            | _____   | _____ | _____   | _____ |
| D11 Nahas              | 10a  | 0.97            | _____   | _____ | _____   | _____ |
| D11 Nahas              | 10b  | 7.474           | _____   | _____ | _____   | _____ |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Good rain Creek up.  
Inflow @ 12.4 C.F.S.  
Reservoir @ 32 ft level.

Mileage 35

Nick Shlv  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 03/28/03**Instructions for completing form**

1. Measure flows at Q1, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 \_\_\_\_\_  
JLLQM \_\_\_\_\_  
CANAL TOTALQ1 12.4  
INLETHulet  
Reservoir

MMC

QA 12.0  
CREEKD4 6.0D5 3.0D6 3.0

D7 \_\_\_\_\_

D8 \_\_\_\_\_

D9 \_\_\_\_\_

12.0

JLL TOTAL

Sinker Creek

D10 \_\_\_\_\_  
EDWARDSD11 \_\_\_\_\_  
NAHASQB \_\_\_\_\_  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |       | REACH B |            |
|------------------------|------|-----------------|---------|-------|---------|------------|
|                        |      |                 | DIV     | RNF   | DIV     | RNF        |
|                        |      |                 |         | (NA)  |         | (NB)       |
| D1 Hulet               | 1    | 0.6             | _____   | _____ | _____   | _____      |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____ | _____   | <u>3.8</u> |
| D4-9 Joyce             | 1-5  |                 | _____   | _____ | _____   | _____      |
| D10 Edwards            | 5    | 5.14            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 6    | 2.63            | _____   | _____ | _____   | _____      |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____ | _____   | _____      |
| D4-9 Joyce             | 7-8  |                 | _____   | _____ | _____   | _____      |
| D1 Hulet               | 9    | 54.4            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 10a  | 0.97            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 10b  | 7.474           | _____   | _____ | _____   | _____      |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 4.0 CFS  
Reservoir @ 31 ft level  
Everything set as before.

Mileage 35

Nick Shih  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 03/22/03**Instructions for completing form**

1. Measure flows at Q1, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 \_\_\_\_\_  
JLLQM \_\_\_\_\_  
CANAL TOTALQ1 4.0  
INLETHulet  
Reservoir

MMC

QA 3.8  
CREEKD4 3.8

D5 \_\_\_\_\_

D6 \_\_\_\_\_

D7 \_\_\_\_\_

D8 \_\_\_\_\_

D9 \_\_\_\_\_

3.8

JLL TOTAL

Sinker Creek

D10 \_\_\_\_\_  
EDWARDSD11 \_\_\_\_\_  
NAHASQB \_\_\_\_\_  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\quad}{D1} + \frac{\quad}{D3} + \frac{\quad}{QA} = \frac{\quad}{NA}$$

$$\left( \frac{\quad}{JLL} + \frac{\quad}{D10} + \frac{\quad}{D11} + \frac{\quad}{QB} \right) - \frac{\quad}{QA} = \frac{\quad}{GA-B}$$

$$\frac{\quad}{GA-B} + \frac{\quad}{NA} = \frac{\quad}{NB}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |       | REACH B |            |
|------------------------|------|-----------------|---------|-------|---------|------------|
|                        |      |                 | DIV     | RNF   | DIV     | RNF        |
|                        |      |                 |         | (NA)  |         | (NB)       |
| D1 Hulet               | 1    | 0.6             | _____   | _____ | _____   | _____      |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____ | _____   | <u>3.8</u> |
| D4-9 Joyce             | 1-5  |                 | _____   | _____ | _____   | _____      |
| D10 Edwards            | 5    | 5.14            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 6    | 2.63            | _____   | _____ | _____   | _____      |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____ | _____   | _____      |
| D4-9 Joyce             | 7-8  |                 | _____   | _____ | _____   | _____      |
| D1 Hulet               | 9    | 54.4            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 10a  | 0.97            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 10b  | 7.474           | _____   | _____ | _____   | _____      |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

Inflow @ 4.0 C.F.S  
Reservoir @ 31 ft level.  
Everything set the same

Mileage 35

Nick Jhly  
WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 03/13/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 \_\_\_\_\_  
JLLQM \_\_\_\_\_  
CANAL TOTALQI 4.0  
INLETHulet  
Reservoir

MMC

QA 3.8  
CREEKD4 3.8

D5 \_\_\_\_\_

D6 \_\_\_\_\_

D7 \_\_\_\_\_

D8 \_\_\_\_\_

D9 \_\_\_\_\_

3.8  
JLL TOTAL

Sinker Creek

D10 \_\_\_\_\_  
EDWARDSD11 \_\_\_\_\_  
NAHASQB \_\_\_\_\_  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\quad}{D1} + \frac{\quad}{D3} + \frac{\quad}{QA} = \frac{\quad}{NA}$$

$$\left( \frac{\quad}{JLL} + \frac{\quad}{D10} + \frac{\quad}{D11} + \frac{\quad}{QB} \right) \cdot \frac{\quad}{QA} = \frac{\quad}{GA-B}$$

$$\frac{\quad}{GA-B} + \frac{\quad}{NA} = \frac{\quad}{NB}$$

## WATER ALLOCATION WORKSHEET

| DIVERSION<br>AND PARTY | RANK | AMOUNT<br>(cfs) | REACH A |       | REACH B |            |
|------------------------|------|-----------------|---------|-------|---------|------------|
|                        |      |                 | DIV     | RNF   | DIV     | RNF        |
|                        |      |                 |         | (NA)  |         | (NB)       |
| D1 Hulet               | 1    | 0.6             | _____   | _____ | _____   | _____      |
| D3 Joyce*              | 1-5  | 18.61**         | _____   | _____ | _____   | <u>3.8</u> |
| D4-9 Joyce             | 1-5  |                 | _____   | _____ | _____   | _____      |
| D10 Edwards            | 5    | 5.14            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 6    | 2.63            | _____   | _____ | _____   | _____      |
| D3 Joyce               | 7-8  | 2.46**          | _____   | _____ | _____   | _____      |
| D4-9 Joyce             | 7-8  |                 | _____   | _____ | _____   | _____      |
| D1 Hulet               | 9    | 54.4            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 10a  | 0.97            | _____   | _____ | _____   | _____      |
| D11 Nahas              | 10b  | 7.474           | _____   | _____ | _____   | _____      |

\* If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.

\*\* These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

## COMMENTS/TRIP LOG

First day to ride ditch in 2003  
 Called on by Paul Nettleton  
 Inflow @ 4.0 C.F.S.  
 Reservoir @ 31 ft level

Mileage 35

Nick Shli  
 WATERMASTER SIGNATURE

## SINKER CREEK WATERMASTER REPORT

DATE 3/10/03**Instructions for completing form**

1. Measure flows at QI, QM, QA, D 4-11, QB, and record.
2. Use recorded flows to compute Natural Flows (formula below).
3. Use computed Natural Flows NA and NB to complete Water Allocation Worksheet (back page).
4. Determine flows at D 1-3 and record.
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 \_\_\_\_\_  
HULET (natural)D2 \_\_\_\_\_  
HULET (stored)D3 \_\_\_\_\_  
JLLQM \_\_\_\_\_  
CANAL TOTALQI 4.0  
INLETHulet  
Reservoir

MMC

QA 3.8  
CREEKD4 3.8

D5 \_\_\_\_\_

D6 \_\_\_\_\_

D7 \_\_\_\_\_

D8 \_\_\_\_\_

D9 \_\_\_\_\_

3.8  
JLL TOTAL

Sinker Creek

D10 \_\_\_\_\_  
EDWARDSD11 \_\_\_\_\_  
NAHASQB \_\_\_\_\_  
CREEKNahas  
Reservoir

SNAKE RIVER

**Computing Natural Flows**

$$\frac{\text{D1}}{\text{D1}} + \frac{\text{D3}}{\text{D3}} + \frac{\text{QA}}{\text{QA}} = \frac{\text{NA}}{\text{NA}}$$

$$\left( \frac{\text{JLL}}{\text{JLL}} + \frac{\text{D10}}{\text{D10}} + \frac{\text{D11}}{\text{D11}} + \frac{\text{QB}}{\text{QB}} \right) - \frac{\text{QA}}{\text{QA}} = \frac{\text{GA-B}}{\text{GA-B}}$$

$$\frac{\text{GA-B}}{\text{GA-B}} + \frac{\text{NA}}{\text{NA}} = \frac{\text{NB}}{\text{NB}}$$