

December 3, 2004

Paul Nettleton, Secretary/Treasurer
14568 Joyce Ranch RD
Murphy, ID 83650

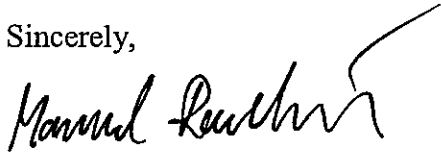
RE: 2003 Watermaster Report- Canyon Creek

Dear Mr. Nettleton:

Enclosed is a copy of the Watermaster's Annual Report for the 2004 irrigation season.
The report has been approved by this Department in conformity with Idaho Code Sections
42-610 thru 42-615. **The Watermaster should be compensated for services conforming to the
report**

Feel free to contact me if you have any questions, phone 334-2190.

Sincerely,

A handwritten signature in black ink, appearing to read "Manuel Rauhut", with a long, sweeping horizontal stroke extending to the right.

Manuel Rauhut
Western Region

Enclosure

cc: Nick Ihli, Watermaster

WATERMASTER'S REPORT

RECEIVED

DEC 01 2004

WATER RESOURCES
WESTERN REGION

From March 17, 2004, ~~19~~ To November 14, 2004, ~~19~~

Water District No. 57-D

Name of Watermaster Nick Ihli

P.O. Address P. O. Box 25, Murphy, ID 83650

AFFIDAVIT OF WATERMASTER

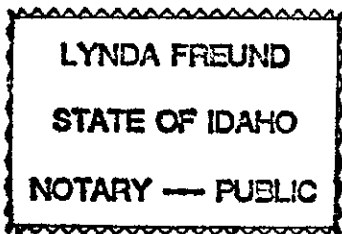
STATE OF IDAHO }
COUNTY OF Owyhee } ss.

Nick Ihli, being first duly sworn, deposes and says that he is Watermaster of Water District 57-D, having been lawfully appointed by Karl J. Dreher, Director, Idaho Department of Water Resources, and that the volumes of water, as stated in this report and prorated by him to the water right holders of the district are correct.

Nick Ihli

(~~XXXX~~) Watermaster District No. 57-D

Subscribed and sworn to before me, this 30 day of November, 19 2004



Lynda Freund

Notary Public

My Commission expires 12-15-2010

Boise, Idaho, 12/3/2004, ~~19~~

I HEREBY CERTIFY, that Nick Ihli was lawfully appointed by me as Water Master of Water District No. 57D, and that the information contained in this report, as herein sworn to, is, to the best of my knowledge and belief, correct.

Karl J. Dreher

Director, Department of Water Resources

By Manuel Ramirez

	WATER RIGHT OWNER	IDWR WATER RIGHT IDENT No.	DIVERSION NAME / REMARKS
1	Joyce Livestock Co.	00180A	
2	Joyce Livestock Co.	10428	
3			
4			
5	Jay Hulet	00179	
6	Jay Hulet	00180B	
7	Jay Hulet	00181	
8	Hulet Reservoir	07152	
9			
10			
11	John Edwards	00001B	
12			
13			
14	Sierra Del Rio Rch	00177	
15	Sierra Del Rio Rch	00178	
16	Sierra Del Rio Rch	0221	
17	Sierra Del Rio Rch	104.70	
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

[illegible]

SECTION 42-606 IDAHO CODE

REPORTS OF WATERMASTERS. All watermasters shall make an annual report to the department of water resources prior to the expiration of the watermaster's appointment for the current year. This report shall show the total amount of water delivered by the watermaster during the preceding year, the amount delivered to each water user, the total expense of delivery and the apportionment of expenses among users and all debits and credits to be carried over to the following year. Such report shall also include records of stream flow the watermaster used or made in the process of distributing water supplies. The director may ask for other information deemed necessary in assuring proper distribution of water supplies within the district. The reports of watermasters to the department of water resources shall be filed and kept in the office of the department.

Instructions For Completing Annual Watermaster's Report

This form has been developed to assist the watermaster in complying with some of the annual reporting requirements of Section 42-606, Idaho Code. The form provides for summary of the amount of water delivered by the watermaster to each user, the total expense of delivery and the apportionment of expenses among water users, including debits and credits. Water distribution and hydrologic information including stream flow records, daily diversion data, water right information and water right priority cut summaries should be presented in a separate water distribution report.

Complete this annual report form of delivery and costs as follows:

- 1) Enter water right holder name, corresponding IDWR water right number or numbers, and corresponding diversion name and/or remarks on page 2;
- 2) Enter the total amount of water delivered to each user as total 24-hour second feet under column 1, page 3. Total **24-hour second feet** is a flow rate expressed in terms of one day or 24 hours. For example, a continuous diversion of 2 cfs over 20 days would equal 40 24-hour second feet.
- 3) Under column 3, page 3, enter the amount of money assessed or billed to each user at the beginning of the year. The assessment may be found in the previous year's adopted budget report.
- 4) In the work space provided on the right hand side of page 3, add up total watermaster salary costs and expenses and enter as 'TOTAL COST'. Then divide this total cost by the total number of 24-hour second feet delivered (sum of column 1) to obtain the cost per 24 hour second feet delivered, or the unit cost factor.
- 5) Under column 2, page 3, multiply the unit cost factor (obtained in step number 4 above) by each user's total 24-hour second feet delivery in column 1 to obtain the total cost against each user.
- 6) For each user, subtract the total cost amount in column 2 from the adopted budget in column 3 and enter the difference either as a credit or debit (negative differences entered as debits, positive differences entered as credits).
- 7) Sign the report before a notary public and submit the original to the appropriate regional office of the Department of Water Resources. Retain one copy for the Water District.

SINKER CREEK WATERMASTER REPORT

DATE 03/17/04**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 36.0
INLETHulet
ReservoirQA 9.0
CREEK

MMC

D4 5.0D5 4.0

D6 _____

D7 _____

D8 _____

D9 _____

9.0

JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 _____
NAHASQB _____
CREEKNahas
Reservoir

SNAKE RIVER

Computing Natural Flows

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

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

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

SINKER CREEK WATERMASTER REPORT

Page 5

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**		9.0		
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

1st day Called on for 2004, Called on by
Paul Nettleton. Inflow @ 36.0 CFS.
Reservoir @ 41 ft level.
Big beaver dam between spillway + 1st weir.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/06/2004**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 12.0
JLLQM 12.0
CANAL TOTALQI 40.0
INLETHulet
ReservoirQA 9.0
CREEK

MMC

D4 5.0D5 4.0

D6 _____

D7 _____

D8 _____

D9 _____

21.0
JLL TOTALD10 _____
EDWARDSD11 2.63
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**		<u>12.0</u>		
D4-9 Joyce	1-5					<u>9.0</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				
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 @ 40.0 CFS.
Reservoir @ 51 ft level

Mileage 40

Mike Miller
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/08/2004**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 4.40
HULET (stored)D3 12.0
JLLQM _____
CANAL TOTALQI 40.0
INLETHulet
Reservoir

MMC

QA 9.0
CREEKD4 5.0D5 4.0

D6 _____

D7 _____

D8 _____

D9 _____

21.0
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				0.60
D3 Joyce*	1-5	18.61**				12.0
D4-9 Joyce	1-5					9.0
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				2.63
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				4.40
D11 Nahas	10a	0.97				9.7
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 @ 40.0 CFS.
Reservoir @ 52 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/12/2004**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 16.0
HULET (natural)D2 4.40
HULET (stored)D3 16.0
JLLQM 21.0
CANAL TOTALQI 40.0
INLETHulet
Reservoir

MMC

QA 6.0
CREEKD4 2.0D5 2.0D6 2.0

D7 _____

D8 _____

D9 _____

22.0
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 263
NAHASQB 197
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 AND PARTY	RANK	AMOUNT (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>16.0</u>
D4-9 Joyce	1-5					<u>6.0</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>4.40</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 @ 40.0 C.F.S.
Reservoir @ 53 ft level.

Mileage 55

Nick Shli

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/13/2004**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 5.40
HULET (stored)D3 16.0
JLLQM 22.0
CANAL TOTALQI 32.0
INLETHulet
Reservoir

MMC

QA 4.5
CREEKD4 2.0D5 2.0D6 0.50

D7 _____

D8 _____

D9 _____

20.5
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 2.63
NAHASQB 1.97
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 AND PARTY	RANK	AMOUNT (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>16.0</u>
D4-9 Joyce	1-5		_____	_____	_____	<u>4.5</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>5.40</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 @ 32.0 CFS.
Reservoir @ 53 ft level.

Mileage 45

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/15/2004**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 4.40
HULET (stored)D3 17.0
JLLQM 22.0
CANAL TOTALQI 28.0
INLETHulet
Reservoir

MMC

QA 4.5
CREEKD4 2.0D5 2.0D6 .50

D7 _____

D8 _____

D9 _____

21.5
JLL TOTAL

Sinker Creek

D10 1.0
EDWARDSD11 2.63
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (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>17.0</u>
D4-9 Joyce	1-5		_____	_____	_____	<u>4.5</u>
D10 Edwards	5		_____	_____	_____	<u>1.0</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>4.40</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 @ 28.0 C.F.S.
Reservoir @ 52½ ft level.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/21/2004**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 17.0
JLLQM 17.0
CANAL TOTALQI 25.0
INLETHulet
Reservoir

MMC

QA 4.5
CREEKD4 2.0D5 2.0D6 5.0

D7 _____

D8 _____

D9 _____

21.5
JLL TOTAL

Sinker Creek

D10 5.0
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**				17.0
D4-9 Joyce	1-5					4.5
D10 Edwards	5	5.14				5.0
D11 Nahas	6	2.63				2.63
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
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 @ 25.0 CFS., good rain overnight.
Reservoir @ 52 ft level.
Shut down Hulet in m.m.c.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/27/2004**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 0.63
HULET (natural)D2 4.74
HULET (stored)D3 16.0
JLLQM 21.34
CANAL TOTALQI 19.0
INLETHulet
Reservoir

MMC

QA 3.44
CREEKD4 1.5D5 1.5D6 .44

D7 _____

D8 _____

D9 _____

19.44
JLL TOTAL

Sinker Creek

D10 5.0
EDWARDSD11 3.30
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 AND PARTY	RANK	AMOUNT (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**				<u>16.0</u>
D4-9 Joyce	1-5					<u>3.44</u>
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				<u>3.30</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				<u>4.74</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 @ 19.0 C.F.S.

Reservoir @ 51 ft. level.

Mileage 45

Nik Ili
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/03/2004**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 4.92
HULET (stored)D3 11.02
JLLQM 16.72
CANAL TOTALQI 23.0
INLETQA 10.7
CREEKD4 2.0D5 2.0D6 2.0D7 1.0D8 2.0D9 1.721.9
JLL TOTALD10 2.5
EDWARDSD11 3.30
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

MMC

Sinker Creek

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (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**				<u>11.2</u>
D4-9 Joyce	1-5					<u>10.7</u>
D10 Edwards	5	5.14				<u>2.5</u>
D11 Nahas	6	2.63				<u>3.30</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				<u>4.92</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 @ 23.0 C.F.S.
Reservoir @ 50 ft level.

Mileage 45

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/07/2004**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 13.0
JLLQM 13.0
CANAL TOTALQI 27.0
INLETHulet
Reservoir

MMC

QA 10.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.023.0
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 3.30
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**				<u>13.0</u>
D4-9 Joyce	1-5					<u>10.0</u>
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>3.30</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
D11 Nahas	10a	0.97				<u>9.7</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 @ 27.0 C.F.S.
Reservoir @ 51 ft. level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/08/2004**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 9.0
JLLQM _____
CANAL TOTALQI 27.0
INLETHulet
Reservoir

MMC

QA 11.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 2.0D9 1.020.0
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 3.30
NAHASQB 197
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6	_____	_____	_____	_____
D3 Joyce*	1-5	18.61**	_____	_____	_____	<u>9.0</u>
D4-9 Joyce	1-5		_____	_____	_____	<u>11.0</u>
D10 Edwards	5	5.14	_____	_____	_____	<u>3.07</u>
D11 Nahas	6	2.63	_____	_____	_____	<u>3.30</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

Inflow @ 27.0 C.F.S.
Reservoir @ 5 1/2 ft level

Mileage 50

Mick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/11/2004**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 13.0
CREEKD4 3.0D5 2.0D6 2.0D7 2.0D8 2.0D9 2.013.0

JLL TOTAL

Sinker Creek

D10 3.20
EDWARDSD11 3.30
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 AND PARTY	RANK	AMOUNT (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>3.20</u>
D11 Nahas	6	2.63			_____	<u>3.30</u>
D3 Joyce	7-8	2.46**	_____	_____	_____	_____
D4-9 Joyce	7-8				_____	_____
D1 Hulet	9	54.4	_____	_____	_____	_____
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 @ 26.0 C.F.S.
Reservoir @ 52 ft level.

Mileage 40

Nick Jha
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/14/2004**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 5.40
HULET (stored)D3 11.0
JLLQM 17.0
CANAL TOTALQI 21.0
INLETHulet
Reservoir

MMC

QA 10.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.021.0
JLL TOTAL

Sinker Creek

D10 5.08
EDWARDSD11 3.30
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (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**				<u>11.0</u>
D4-9 Joyce	1-5					<u>10.0</u>
D10 Edwards	5					<u>5.08</u>
D11 Nahas	6	2.63				<u>3.30</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				<u>5.40</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 @ 21.0 C.F.S.
Reservoir @ 52 $\frac{3}{4}$ ft level

Mileage 60

Nick Shla
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/24/2004**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 10.0
JLLQM 10.0
CANAL TOTALQI 20.0
INLETHulet
Reservoir

MMC

QA 10.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.020.0
JLL TOTAL

Sinker Creek

D10 5.08
EDWARDSD11 3.30
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6	_____	_____	_____	_____
D3 Joyce*	1-5	18.61**	_____	_____	_____	<u>10.0</u>
D4-9 Joyce	1-5		_____	_____	_____	<u>10.0</u>
D10 Edwards	5	5.14	_____	_____	_____	<u>5.08</u>
D11 Nahas	6	2.63	_____	_____	_____	<u>3.30</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

Mileage 45

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/27/2004**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 12.0
JLLQM 12.0
CANAL TOTALQI 20.0
INLETHulet
Reservoir

MMC

QA 8.0
CREEKD4 2.0D5 2.0D6 2.0D7 1.0D8 .50D9 .5020.0
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 3.30
NAHASQB 1.97
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**				<u>12.0</u>
D4-9 Joyce	1-5					<u>8.0</u>
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				<u>3.30</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

Inflow @ 20.0 C.F.S.
Reservoir @ 51 ft level.

Mileage 35

Nick Ihl
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/28/2004**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 20.0
INLETHulet
Reservoir

MMC

QA 6.75
CREEKD4 2.0D5 1.0D6 1.0D7 1.0D8 1.0D9 .756.75
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 3.30
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (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					6.75
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				3.30
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
D11 Nahas	10a	0.97				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 @ 20.0 C.F.S.
Reservoir @ 51 ft level.

Mileage 40

Nick Mh
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/31/2004**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 13.0
JLLQM 13.0
CANAL TOTALQI 22.0
INLETHulet
Reservoir

MMC

QA 8.0
CREEKD4 2.0D5 2.0D6 1.0D7 1.0D8 1.0D9 1.021.0

JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 3.30
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

Page 5

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**				13.0
D4-9 Joyce	1-5					8.0
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				3.30
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
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 @ 22.0 CFS.
Reservoir @ 53 ft level.

Mileage 35

Mark Ish
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/03/2004**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 13.4
JLLQM 13.4
CANAL TOTALQI 21.0
INLETHulet
Reservoir

MMC

QA 7.6
CREEKD4 2.0D5 2.0D6 1.0D7 1.0D8 1.0D9 .6021.0
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 3.30
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**				13.4
D4-9 Joyce	1-5					7.6
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				3.30
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
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 @ 21.0 C.F.S.
Reservoir @ 53 ft level.

Mileage 35

Nick Shi
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/07/2004**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 9.0
JLLQM 9.0
CANAL TOTALQI 19.0
INLETHulet
Reservoir

MMC

QA 8.0
CREEKD4 2.0D5 2.0D6 1.0D7 1.0D8 1.0D9 1.017.0
JLL TOTAL

Sinker Creek

D10 3.47
EDWARDSD11 3.30
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				
D3 Joyce*	1-5	18.61**				9.0
D4-9 Joyce	1-5					8.0
D10 Edwards	5	5.14				3.47
D11 Nahas	6	2.63				3.30
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
D11 Nahas	10a	0.97				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 @ 19.0 C.F.S.
Reservoir @ 53 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/14/2004**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 4.40
HULET (stored)D3 12.0
JLLQM 17.0
CANAL TOTALQI 14.0
INLETHulet
Reservoir

MMC

QA 2.0
CREEKD4 1.0D5 1.0

D6 _____

D7 _____

D8 _____

D9 _____

14.0
JLL TOTAL

Sinker Creek

D10 3.47
EDWARDSD11 3.30
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 AND PARTY	RANK	AMOUNT (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**				<u>12.0</u>
D4-9 Joyce	1-5					<u>2.0</u>
D10 Edwards	5					<u>3.47</u>
D11 Nahas	6	2.63				<u>3.30</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				<u>5.40</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 @ 14.0 C.F.S.
Reservoir @ 53 ft level.

Mileage 65 (2 days)

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE 06/19/2004

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 44.0
HULET (stored)

D3 12.0
JLL

QM 17.0
CANAL TOTAL

QI 14.0
INLET

QA 2.0
CREEK

D4 1.0

D5 1.0

D6 _____

D7 _____

D8 _____

D9 _____

14.0
JLL TOTAL

D10 3.47
EDWARDS

D11 3.30
NAHAS

QB .97
CREEK

Nahas
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 AND PARTY	RANK	AMOUNT (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**				<u>12.0</u>
D4-9 Joyce	1-5					<u>2.0</u>
D10 Edwards	5	5.14				<u>3.47</u>
D11 Nahas	6	2.63				<u>3.30</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				<u>4.40</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 @ 14.0 CFS.
Reservoir @ 52 ft level.

Mileage 35

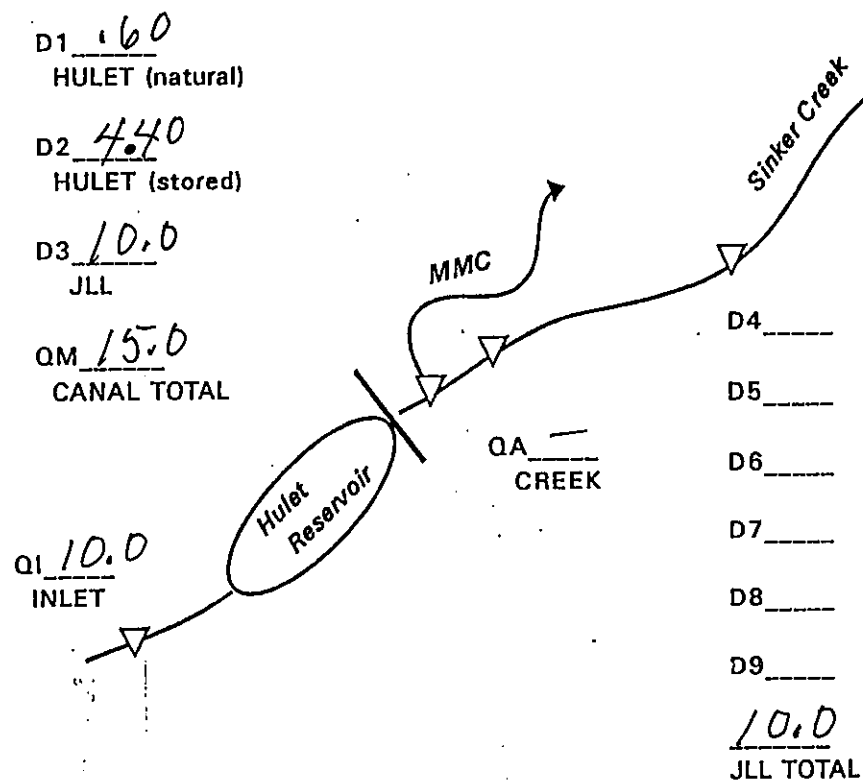
Nick Jhh
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/23/2004**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.

**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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				<u>6.0</u>
D3 Joyce*	1-5	18.61**				<u>10.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.47</u>
D11 Nahas	6	2.63				<u>2.80</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

Inflow @ 10.0 cfs
Reservoir @ 52 ft level

Mileage 45

Nick Jhli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/28/2004**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 10.4
HULET (stored)D3 8.0
JLLQM 19.0
CANAL TOTALQI 8.4
INLET

MMC

QA —
CREEKD4 —D5 —D6 —D7 —D8 —D9 —8.0
JLL TOTALD10 3.47
EDWARDSD11 2.80
NAHASQB .97
CREEKNahas
Reservoir**Computing Natural Flows**

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

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

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

SNAKE RIVER

WATERMASTER REPORT

PAGE 3

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (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>8.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.47</u>
D11 Nahas	6	2.63				<u>2.80</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				<u>10.4</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 @ 8.4 C.F.S.
Reservoir @ 51 ft level -

Mileage 40

Mik Iha
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 07/08/2004**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 13.4
HULET (stored)D3 4.5
JLLQM 18.5
CANAL TOTALQI 4.5
INLETQA ~
CREEK

D4 _____

D5 _____

D6 _____

D7 _____

D8 _____

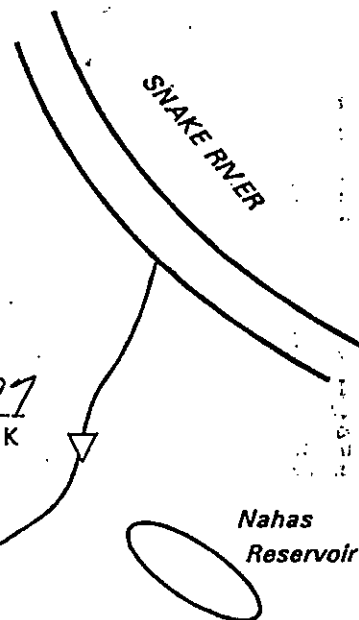
D9 _____

4.5
JLL TOTALD10 ~
EDWARDSQB 1.97
CREEK
D11 2.80
NAHASNahas
Reservoir**Computing Natural Flows**

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

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

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



WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (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**	_____	_____	_____	<u>4.50</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	_____
D11 Nahas	6	2.63	_____	_____	_____	<u>2.80</u>
D3 Joyce	7-8	2.46**	_____	_____	_____	_____
D4-9 Joyce	7-8		_____	_____	_____	_____
D1 Hulet	9	54.4	_____	_____	_____	<u>13.4</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 @ 4,500 C.F.S.
Reservoir @ 48 ft level:

Mileage 35

Nick Ihl

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 07/18/2004**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 9.40
HULET (stored)D3 3.50
JLLQM 13.5
CANAL TOTALQI 3.5
INLETQA
CREEKD4 D5 D6 D7 D8 D9 3.50
JLL TOTALD10
EDWARDSD11 3.54
NAHASQB 0.97
CREEKNahas
Reservoir**Computing Natural Flows**

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

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

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

SINKER CREEK WATERMASTER REPORT
 7/18/2004
 07/18/2004

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (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**	_____	_____	_____	<u>3.50</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	_____
D11 Nahas	6	2.63	_____	_____	_____	<u>3.54</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>9.7</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 @ 3.50 C.F.S.
Reservoir @ 43 ft level.

Mileage 40

Nick Jhli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 07/23/2004**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 3.20
JLLQM 13.20
CANAL TOTALQI 3.2
INLET

MMC

QA
CREEKD4 D5 D6 D7 D8 D9 3.20
JLL TOTALD10
EDWARDSD11 3.54
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6				0.60
D3 Joyce*	1-5	18.61**				3.2
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				3.54
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				9.4
D11 Nahas	10a	0.97				9.7
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 @ 3.2 c.f.s.
Reservoir @ 42 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE 08/08/2004

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 16.0
HULET (natural)

D2 11.4
HULET (stored)

D3 2.0
JLL

QM 14.0
CANAL TOTAL

QI 2.4
INLET

QA
CREEK

D4

D5

D6

D7

D8

D9

2.0
JLL TOTAL

D10
EDWARDS

D11 354
NAHAS

QB 97
CREEK

Nahas
Reservoir

Computing Natural Flows

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

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

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

WATERMASTER REPORT

7-97a

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (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**	_____	_____	_____	<u>2.0</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	_____
D11 Nahas	6	2.63	_____	_____	_____	<u>3.54</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 @ 2.4 c.f.s.
Reservoir @ 34 ft level

Mileage 40

Mike Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 08/23/04**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 2.0
INLETHulet
Reservoir

MMC

QA 1.4
CREEKD4 1.0D5 0.4

D6 _____

D7 _____

D8 _____

D9 _____

1.4
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 354
NAHASQB 197
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 AND PARTY	RANK	AMOUNT (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					1.4
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				3.54
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
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 @ 2.0 C.F.S.
Reservoir @ 25 ft level.
Shut down all in M.M.C.

Mileage

45

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 11/14/2004**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 1.75
INLETHulet
ReservoirQA 1.75
CREEK

MMC

D4 1.0D5 .75

D6 _____

D7 _____

D8 _____

D9 _____

1.75
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 1.65
NAHASQB .97
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 AND PARTY	RANK	AMOUNT (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					1.75
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				1.65
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4				
D11 Nahas	10a	0.97				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 @ 1.75 C.F.S.
Shut down 1 Hulet Res.
Reservoir @ 23 ft level

Mileage 45

Nick Ihl
WATERMASTER SIGNATURE