



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

December 13, 2005

Paul Nettleton
14568 Joyce Ranch RD
Murphy, ID 83650

RE: 2005 Watermaster Report- 57 D

Dear Secretary:

Enclosed is a copy of the Watermaster's Annual Report for the 2005 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', is written over a horizontal line.

Manuel Rauhut
Western Region

Enclosure

cc: Nick Ihli, Watermaster

WATERMASTER'S REPORT

RECEIVED

NOV 23 2005

WATER RESOURCES
WESTERN REGION

From March 15, 2005 ~~xx~~ To November 15, 2005 ~~xx~~

Water District No. 57-D

Name of Watermaster Nick Ihli

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

AFFIDAVIT OF WATERMASTER

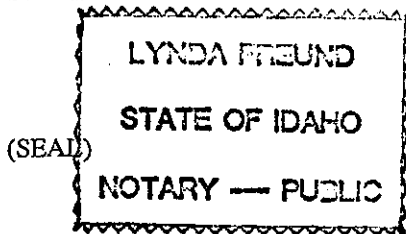
STATE OF IDAHO }
COUNTY OF Owyhee } ss.

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

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

Subscribed and sworn to before me, this 18th day of November, 2005



Lynda Freund
Notary Public

My Commission expires 12/15/2010

Boise, Idaho, _____, 19____

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

Director, Department of Water Resources

By _____

	WATER RIGHT OWNER	IDWR WATER RIGHT IDENT No.	DIVERSION NAME / REMARKS
1	Joyce Livestock Co.	00180A	
2	Joyce Livestock Co.	10428	
3			
4			
5	Murphy Water Co. (Hulet)	00179	
6	Murphy Water Co.	00180B	
7	Murphy Water Co.	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	10470	
18			
19			
20			
21			
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23			
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[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.

7/97

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SINKER CREEK WATERMASTER REPORT

DATE Oct 22, 2005**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 1.4
INLETHulet
Reservoir

MMC

QA 1.0
CREEKD4 1.0

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.0
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 15.5
NAHASQB .97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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>1.0</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	<u>3.07</u>
D11 Nahas	6	2.63	_____	_____	_____	<u>1.55</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 @ 1.4 CFS.
Paul - 1.0 leaking through dam.

Mileage 35

Mark Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Oct 9, 2005**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 1.4
INLETHulet
ReservoirQA 1.0
CREEK

MMC

D4 1.0

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.0
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 1.55
NAHASQB 1.99
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

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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>1.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>1.55</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 @ 1.4 C.F.S.
Res @ 39 ft.
shut down reservoir.

Mileage 35

Mark Miller
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Oct 8, 2005**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 1.6
HULET (natural)D2 7.9
HULET (stored)D3 _____
JLLQM 8.5
CANAL TOTALQ1 1.2
INLETHulet
Reservoir

MMC

QA 1.6
CREEKD4 1.6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.6
JLL TOTAL

Sinker Creek

D10 307
EDWARDSD11 1.55
NAHASQB 97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6		.6		
D3 Joyce*	1-5	18.61**				.6
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				3.07
D11 Nahas	6	2.63				1.53
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		7.9		
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 @ 1.2 C.F.S.
Res. @ 40 ft level.

Mileage 40

Mike Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE 10-2, 2005

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
HULET (natural)

D2 16.4
HULET (stored)

D3 _____
JLL

QM 17.0
CANAL TOTAL

QI 1.2
INLET

MMC

Hulet
Reservoir

QA .6
CREEK

D4 .6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

.6
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDS

D11 1.53
NAHAS

QB .97
CREEK

SNAKE RIVER

Nahas
Reservoir

Computing Natural Flows

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

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

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

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</u>		
D3 Joyce*	1-5	18.61**				<u>.6</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>1.53</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>.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 @ 1.2 CFS.
Res @ 42 ft level.

Mileage 35

Mark Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE Sept 20, 2005

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 _____
JLL

QM _____
CANAL TOTAL

Q1 1.2
INLET

Hulet
Reservoir

MMC

QA .6
CREEK

D4 .6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

.6
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDS

D11 1.55
NAHAS

QB 197
CREEK

Snake River

Nahas
Reservoir

Computing Natural Flows

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

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

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

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**				.6
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				3.07
D11 Nahas	6	2.63				1.55-
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 @ 1.2 C.F.S.
Res @ 43 feet.
Shut down morph Water Co.

Mileage 35-

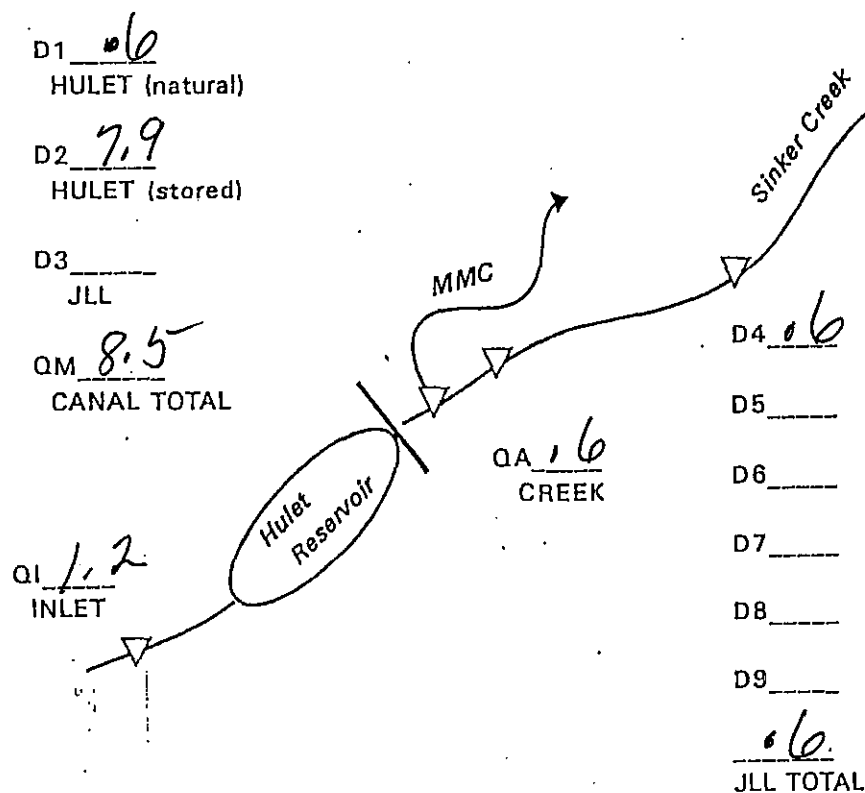
Mike Ishi
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Sept 15, 2005**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.

**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</u>		
D3 Joyce *	1-5	18.61**				<u>.6</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>1.55</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>7.9</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 @ 1.2 CFS.

Res @ 44 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Sept 9, 2005**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 1.6
HULET (natural)D2 17.4
HULET (stored)D3 _____
JLLQM 18.0
CANAL TOTALQI 1.2
INLETHulet
Reservoir

MMC

QA 1.6
CREEKD4 1.6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.6
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 1.55
NAHASQB 1.97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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</u>		
D3 Joyce*	1-5	18.61**				<u>.6</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>1.55</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>17.4</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 @ 1.2 CFS.
Rise @ 46 ft level.

Mileage 35

Mike Shew
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Sept 1, 2005**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 1.2
INLETHulet
Reservoir

MMC

QA 1.6
CREEKD4 1.6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.6
JLL TOTAL

Sinker Creek

D10 3,07
EDWARDSD11 1.55
NAHASQB 1.97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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**	_____	_____	_____	1.6
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	3.07
D11 Nahas	6	2.63	_____	_____	_____	1.55
D3 Joyce	7-8	2.46**	_____	_____	_____	_____
D4-9 Joyce	7-8		_____	_____	_____	_____
D1 Hulet	9	54.4	_____	_____	_____	_____
D11 Nahas	10a	0.97	_____	_____	_____	1.97
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 @ 1.2 CFS.
Res @ 46 ft level.
Shut down Murphy Water Co.

Mileage 35

Nick Miller

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 27, 2005**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 1.6
HULET (natural)

D2 7.9
HULET (stored)

D3 _____
JLL

QM 8.5
CANAL TOTAL

QI 1.2
INLET

MMC

QA 1.6
CREEKD4 6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.6
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSQB 0.97
CREEKD11 1.53
NAHASNahas
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>.6</u>		
D3 Joyce*	1-5	18.61**				<u>.6</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>1.53</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>7.9</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 @ 1.2 CFS
Res @ 48 ft level.

Mileage 45

Mark Shew
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 22, 2005**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 1.6
HULET (natural)D2 17.4
HULET (stored)D3 _____
JLLQM _____
CANAL TOTALQI 1.2
INLET

MMC

QA 1.6
CREEKD4 1.6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.6
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 2.10
NAHASQB 1.99
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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</u>		
D3 Joyce*	1-5	18.61**				<u>.6</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>2.0</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>17.4</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 @ 1.2 CFS
Res. @ 50 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 21, 2005**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
HULET (natural)D2 9.4
HULET (stored)D3 _____
JLLQM 10.0
CANAL TOTALQI 1.2
INLETHulet
Reservoir

MMC

QA .6
CREEKD4 1.6

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

.6
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 2.0
NAHASQB .97
CREEKNahas
Reservoir

SNAKE RIVER

Computing Natural Flows

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

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

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

DIVERSION AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6		<u>.6</u>		
D3 Joyce*	1-5	18.61**				<u>.6</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>2.0</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 @ 1.2 C.F.S.

Ris @ 50 1/2 ft level.

Mileage 35

Mark Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 18, 2005**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 0.6
HULET (natural)D2 15.4
HULET (stored)D3 _____
JLLQM 18.0
CANAL TOTALQI 1.0
INLETHulet
Reservoir

MMC

QA 1.0
CREEKD4 1.0

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.0
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 2.0
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>0.6</u>		
D3 Joyce*	1-5	18.61**				<u>1.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>2.0</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>17.4</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 @ 1.0 CFS
Res @ 52 ft level.

Mileage 35

Nick Jhr
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 2, 2005**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 0.6
HULET (natural)D2 7.9
HULET (stored)D3 _____
JLLQM 8.5
CANAL TOTALQI 1.5
INLET

MMC

QA 1.5
CREEKD4 1.5

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.5
JLL TOTALD10 3.07
EDWARDSD11 2.0
NAHASQB 0.97
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 AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				(NA)		(NB)
D1 Hulet	1	0.6		<u>1.6</u>		
D3 Joyce*	1-5	18.61**				<u>1.5</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>2.0</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>7.9</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 @ 1.5 C.F.S.
Res @ 54 ft level.

Mileage 35

Nick Shlv
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 29, 2009**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 0.6
HULET (natural)D2 9.9
HULET (stored)D3 _____
JLLQM 10.5
CANAL TOTALQI 1.5
INLETHulet
Reservoir

MMC

QA 1.5
CREEKD4 1.5

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

1.5
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 2.0
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>1.6</u>		
D3 Joyce*	1-5	18.61**				<u>1.5</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</u>
D11 Nahas	6	2.63				<u>2.0</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>9.9</u>		
D11 Nahas	10a	0.97				<u>1.97</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 @ 1.5 CFS.
Res @ 55-ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 22, 2005**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 .6
HULET (natural)D2 14.9
HULET (stored)D3 .5
JLLQM 16.0
CANAL TOTALQ1 2.0
INLET

MMC

QA 1.5
CREEKD4 1.5

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

2.0
JLL TOTAL

Sinker Creek

D10 3.07
EDWARDSD11 2.0
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>1.6</u>		
D3 Joyce*	1-5	18.61**				<u>2.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>3.07</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>14.9</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 @ 2.0 C.F.S.
Rec @ 58 ft level.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 7, 2005**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 0.6
HULET (natural)D2 8.4
HULET (stored)D3 5.0
JLLQM 14.0
CANAL TOTALQ1 7.0
INLET

MMC

QA 2.0
CREEKD4 2.0

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

7.0
JLL TOTALD10 4.0
EDWARDSD11 2.63
NAHASQB 0.97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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>1.6</u>		
D3 Joyce*	1-5	18.61**				<u>7.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>4.0</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>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

Inflow @ 7.0 C.F.S.
Res @ @ 63 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 5, 2005**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 1.6
HULET (natural)D2 5.4
HULET (stored)D3 _____
JLLQM 6.0
CANAL TOTALQI 7.0
INLETHulet
Reservoir

MMC

QA 7.0
CREEKD4 2.0D5 1.0D6 1.0D7 1.0D8 1.0D9 1.07.0
JLL TOTAL

Sinker Creek

D10 4.06
EDWARDSD11 2.63
NAHASQB 2.97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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</u>		
D3 Joyce*	1-5					<u>7.0</u>
		18.61**				
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>4.06</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>5.4</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 @ 7.0 was fixed.
Res @ 63 ft level.
Agreement with Paul Nettleton to buy water
from Murphy Water Co.
2 trips to adjust.

Mileage 75

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 3, 2005**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 10.0
JLLQM 10.0
CANAL TOTALQ1 10.0 est
INLETHulet
Reservoir

MMC

QA 6.0
CREEKD4 1.0D5 1.0D6 1.0D7 1.0D8 1.0D9 1.016.0
JLL TOTAL

Sinker Creek

D10 4.06
EDWARDSD11 2.63
NAHASQB 1.97
CREEKNahas
Reservoir

SNAKE RIVER

Computing Natural Flows

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

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

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

WATERMASTER REPORT FORM 10-10-04

USE 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		0.6		
D3 Joyce*	1-5	18.61**				16.0
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				4.06
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 10.0 est. near still out.
Res @ 6 3/2 ft level.

Mileage 40

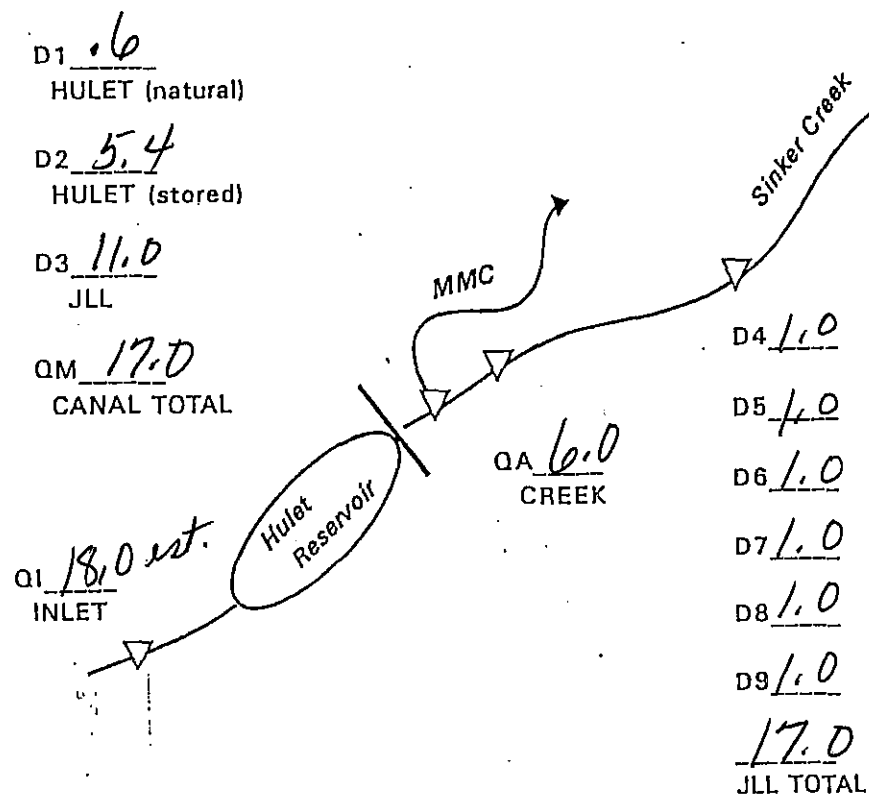
Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE June 30, 2005**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.

**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>1.6</u>		
D3 Joyce *	1-5	18.61**				<u>17.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>4.06</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>5.4</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 @ 18.0 cfs, water still out.
Res @ 65 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE June 28, 2005

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 0.6
HULET (natural)

D2 2.4
HULET (stored)

D3 10.0
JLL

QM 13.0
CANAL TOTAL

QI 18.0 est.
INLET

MMC

QA 6.0
CREEK

D4 1.0

D5 1.0

D6 1.0

D7 1.0

D8 1.0

D9 1.0

16.0

JLL TOTAL

Sinker Creek

D10 5.08
EDWARDS

D11 263
NAHAS

QB .97
CREEK

Snake River

Nahas
Reservoir

Computing Natural Flows

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

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

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

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>0.6</u>		
D3 Joyce*	1-5	18.61**				<u>16.0</u>
D4-9 Joyce	1-5					
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>2.4</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 @ 18.0 est. Win still washed out.
Informed Mike Shli for Hulet.
Res @ 65 ft level.

Mileage 40

Mike Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE June 20, 2005**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
HULET (natural)D2 5.4
HULET (stored)D3 14.0
JLLQM 20.0
CANAL TOTALQI 20.0 est.
INLETQA 6.0
CREEKD4 1.0D5 1.0D6 1.0D7 1.0D8 1.0D9 1.020.0
JLL TOTALD10 4.06
EDWARDSD11 263
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

WATERMASTER REPORT

Page 1

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</u>		
D3 Joyce *	1-5	18.61**				<u>20.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>4.06</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>5.4</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 @ 20.0 CFS est.
Res @ 67 ft level.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE June 10, 2005

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 0.6
HULET (natural)

D2 5.4
HULET (stored)

D3 7.0
JLL

QM 13.0
CANAL TOTAL

Q1 21.0 est.
INLET

QA 8.0
CREEK

D4 2.0

D5 2.0

D6 1.0

D7 1.0

D8 1.0

D9 1.0

15.0
JLL TOTAL

QB 697
CREEK

D11 263
NAHAS

D10 514
EDWARDS

Nahas
Reservoir

Computing Natural Flows

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

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

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

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>1.6</u>		
D3 Joyce*	1-5	18.61**				<u>15.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>5.14</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>5.4</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 @ 21.0 est, Cannot get to upper weir.
Res full @ 69 ft. level.

Mileage 35

Nick Miller
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE June 9, 2005**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 1.6
HULET (natural)D2 5.4
HULET (stored)D3 7.0
JLLQM 13.0
CANAL TOTALQI 25.0 est.
INLETHulet
ReservoirQA 13.0
CREEKD4 4.0D5 3.0D6 1.5D7 1.5D8 1.5D9 1.520.0
JLL TOTAL

MMC

Sinker Creek

D10 5.14
EDWARDSD11 2.63
NAHASQB 1.97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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>1.6</u>		
D3 Joyce*	1-5	18.61**				<u>20.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>5.14</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>5.4</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 est.
Res full @ 69 ft.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE June 4, 2005**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 5.4
HULET (stored)D3 _____
JLLQM 6.0
CANAL TOTALQI 25.0 est.
INLETHulet
Reservoir

MMC

QA 6.0
CREEKD4 2.0D5 1.0D6 1.0D7 1.0

D8 _____

D9 _____

6.0
JLL TOTAL

Sinker Creek

D10 5.14
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>1.0</u>		
D3 Joyce*	1-5	18.61**				<u>6.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>5.14</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>5.4</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 @ 25.0 est.
Res @ 68 ft, just starting over spillway.
1st delivery to Hulet.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE May 29, 2005

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 _____
JLL

QM 0
CANAL TOTAL

Q1 inlet
INLET

MMC

QA 6.0
CREEK

D4 2.0

D5 1.0

D6 1.0

D7 1.0

D8 _____

D9 _____

6.0
JLL TOTAL

D10 _____
EDWARDS

D11 2.63
NAHAS

QB .97
CREEK

Snake River

Nahas Reservoir

Computing Natural Flows

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

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

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

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**				6.0
D4-9 Joyce	1-5					
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				
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

Big Cloudburst. washed out upper weir.
Lots of damage down Sinkin Creek -
Edwards washed out.
Rer @ 65 ft level

Mileage 35

Nick Ithi
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE May 28, 2005**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 19.0
JLLQM 19.0
CANAL TOTALQI 30.0
INLET

MMC

QA 7.5
CREEKD4 2.0D5 1.5D6 1.0D7 1.0D8 1.0D9 1.026.5
JLL TOTALD10 5.14
EDWARDSD11 2.63
NAHASQB 1.97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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>26.5</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	<u>5.14</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

Inflow @ 30.0 est.
Res @ 65 ft level.
Came from Silver City to adjust.

Mileage 33

Mike Mills
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE May 26, 2005**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 16.0
JLLQM 16.0
CANAL TOTALQ1 30.0
INLETHulet
Reservoir

MMC

QA 10.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.010.0

JLL TOTAL

Sinker Creek

D10 5.14
EDWARDSD11 2.63
NAHASQB .97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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**				26.0
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				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				
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 @ 30.0 C.F.S.
Res @ 64 ft level

Mileage 35

Nick Ili
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE May 9, 2005**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 0
CANAL TOTALQI 30.0
INLETHulet
Reservoir

MMC

QA 10.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.010.0
JLL TOTAL

Sinker Creek

D10 5.14
EDWARDSD11 2.63
NAHASQB .97
CREEK

SNAKE RIVER

Nahas
Reservoir**Computing Natural Flows**

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

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

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

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**				10.0
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				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				
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 @ 30.0 CFS, good rain yesterday + today.
Res. @ 43 ft.
Shut down m.m.c.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Apr 30, 2005**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 11.0
JLLQM 11.0
CANAL TOTALQ1 25.0
INLETHulet
ReservoirQA 10.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.021.0

JLL TOTAL

MMC

Sinker Creek

D10 5.14
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>21.0</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	<u>5.14</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

Inflow @ 25.0
Reservoir @ 40 ft level.
about 2.0 cfs going into river (Snake)

Mileage 45

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE Apr 26, 2005**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 8.0
JLLQM 8.0
CANAL TOTALQI 25.0
INLETQA 10.0
CREEKD4 2.0D5 2.0D6 2.0D7 2.0D8 1.0D9 1.018.0
JLL TOTALD10 4.06
EDWARDSD11 2.2
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

JLL

JLL

JLL

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**				18.0
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				4.06
D11 Nahas	6	2.63				2.2
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 @ 25.0, good rain yesterday.
Res. @ 39 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE Apr 23, 2005

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 8.0
JLL

QM 8.0
CANAL TOTAL

Q1 13.0
INLET

QA 5.0
CREEK

D4 1.0

D5 1.0

D6 1.0

D7 1.0

D8 1.0

D9 _____

13.0
JLL TOTAL

D10 4.06
EDWARDS

D11 2.2
NAHAS

QB .97
CREEK

Nahas
Reservoir

Computing Natural Flows

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

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

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

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				
D3 Joyce*	1-5	18.61**				<u>13.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>4.06</u>
D11 Nahas	6	2.63				<u>2.2</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 @ 13.0 CFS.
Res @ 37 $\frac{3}{4}$ ft level.

Mileage 35

Nick Ishi
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Apr 20, 2005**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 8.0
JLLQM 8.0
CANAL TOTALQI 13.0
INLETHulet
Reservoir

MMC

QA 5.0
CREEKD4 1.0D5 1.0D6 1.0D7 1.0D8 1.0

D9 _____

13.0
JLL TOTAL

Sinker Creek

D10 4.06
EDWARDSD11 2.2
NAHASQB 6.97
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**				13.0
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				4.06
D11 Nahas	6	2.63				2.2
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 @ 13.0 CFS.
Res @ 37 3/4 ft level

Mileage 35-

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE Apr. 18, 2005**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 6.25
JLLQM 6.25
CANAL TOTALQI 12.5
INLETHulet
ReservoirQA 6.25
CREEKD4 1.0D5 2.0D6 1.0D7 1.0D8 1.25

D9 _____

12.5
JLL TOTALD10 4.06
EDWARDSD11 2.2
NAHASQB 1.97
CREEKNahas
Reservoir**Computing Natural Flows**

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

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

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

SNAKE RIVER

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>12.5</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	<u>4.06</u>
D11 Nahas	6	2.63	_____	_____	_____	<u>2.2</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 @ 12.5 C.F.S.
Res @ 37 $\frac{3}{4}$ ft level
About 100 in going into river.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE Apr. 7, 2005**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 3.0
JLLQM 3.0
CANAL TOTALQ1 12.0
INLETHulet
Reservoir

MMC

QA 9.0
CREEKD4 4.0D5 2.0D6 1.0D7 1.0D8 1.0

D9 _____

12.0
JLL TOTAL

Sinker Creek

D10 2.18
EDWARDSD11 1.20
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**				<u>12.0</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>2.18</u>
D11 Nahas	6	2.63				<u>1.20</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 @ 12.0 CFS.
Reservoir @ 38 ft level.

Mileage 40

Mark Ishi
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE MAR. 31, 2005**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 9.4
INLETHulet
ReservoirQA 9.3
CREEKD4 4.6D5 2.0D6 1.0D7 1.0D8 1.3

D9 _____

9.3
JLL TOTAL

MMC

Sinker Creek

D10 _____
EDWARDSD11 1.20
NAHASQB 97
CREEKNahas
Reservoir

SNAKE RIVER

Computing Natural Flows

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

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

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

SINKER CREEK WATERMASTER REPORT

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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**				9.3
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				1.20
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 @ 9.4 CFS.
Reservoir @ 38 ft level
Edwards still off, building new structure.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE Mar. 24, 2005

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 _____
JLL

QM _____
CANAL TOTAL

QI 6.8
INLET

QA 6.7
CREEK

D4 4.0

D5 1.0

D6 1.7

D7 _____

D8 _____

D9 _____

6.7
JLL TOTAL

D10 _____
EDWARDS

D11 1.0
NAHAS

QB 97
CREEK

Nahas
Reservoir

Computing Natural Flows

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

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

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

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	_____	_____	_____	_____
D3 Joyce*	1-5	18.61**	_____	_____	_____	6.7
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	_____
D11 Nahas	6	2.63	_____	_____	_____	1.0
D3 Joyce	7-8	2.46**	_____	_____	_____	_____
D4-9 Joyce	7-8		_____	_____	_____	_____
D1 Hulet	9	54.4	_____	_____	_____	_____
D11 Nahas	10a	0.97	_____	_____	_____	1.97
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 @ 6.8 CFS
Reservoir @ 37½ ft level

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Mar. 15, 2005**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 6.0
INLETHulet
ReservoirQA 6.0
CREEK

MMC

D4 6.0

D5 _____

D6 _____

D7 _____

D8 _____

D9 _____

6.0
JLL TOTAL

Sinker Creek

D10 _____
EDWARDSD11 .45
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>6.0</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	____
D11 Nahas	6	2.63	____	____	____	<u>45</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

1st day of season, Called on by Paul Nettleton.
Inflow @ 6.0 CFS. Reservoir @ 38 ft level.

Mileage 40

Nick Shli
WATERMASTER SIGNATURE