



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 2, 1999

Paul Nettleton, Secretary/Treasure
Box 2050 Sinker Creek
Murphy, ID 83650

RE: Water District No: 57D

Dear Nettleton:

Enclosed herewith is a copy of the Watermaster's Annual Report for the past season. The same have been prepared by the Watermaster and approved by this Department in conformity with Sections 42-610, 42-614, and 42-615, Idaho Code.

The Treasure should make payment to the Watermaster for services and expenses conforming to the approved report.

The attached documents are to be submitted at the next annual water district meeting.

Feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read 'John Westra'.

John Westra

Western Region

Enclosure
cc: Watermaster.

RECEIVED

NOV 09 1999

WATER RESOURCES
WESTERN REGION

From July 30, 1999 To August 12, 1999

Water District No. 57-D

Name of Watermaster Nicholas K. Ihli Soc.Sec# 518-32-8707

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

AFFIDAVIT OF WATERMASTER

STATE OF IDAHO }
COUNTY OF Owyhee } ss.

Nicholas K. Ihli, being first duly sworn, deposes and says that he is Watermaster of Water District 57-D Sinker Creek, 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.

Nicholas K. Ikli

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

Subscribed and sworn to before me, this 8th day of November, 1999

(SEAL)

LYNDA FREUND

STATE OF IDAHO

NOTARY — PUBLIC

Synda Freund
Notary Public

My Commission expires 12-15-2004

Boise, Idaho, December 2, 1999

I HEREBY CERTIFY, that Nicholas K Thli 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. Dreyer
Director, Department of Water Resources

By _____

WATER RIGHT OWNER

IDWR
WATER RIGHT
IDENT No.

DIVERSION NAME / REMARKS

Joyce Livestock Co.

00180A

Joyce Livestock Co.

10428

Jay Hulet

00179

Jay Hulet

00180B

Jay Hulet

00181

Hulet Reservoir

07152

John Edwards

00001B

Nahas Ranch

00177

Nahas Ranch

00178

Nahas Ranch

02221

Nahas Ranch

10470

CLERK OF DISTRICT COURT
STATE OF IDAHO
CLERK --- PUBLIC

1

2

3

4

5

Total Delivery in 24-Hour Sec. Feet	Total Cost		Adopted Budget		Credits		Debits		Cost Per 24-Hr. Sec. Ft. \$ 3.43		
	\$	cts.	\$	cts.	\$	cts.	\$	cts.			
1 5.15									Total No. Days of Watermaster		
2 31.00	124.00		900.00		776.00				3 days at \$50.00 per day	\$ 150.00	
3									Total No. Days of Asst. Watermaster		
4									days at \$ per day	\$	
5 2.10	7.21		780.00		772.79				Other expenses charged pro rata	\$ 48.48*	
6									TOTAL COST	\$ 198.48	
7									Total No. 24-Hour Sec. Feet Delivered	57.87	
8									Cost per 24-Hour Sec. Feet Delivered	\$ 3.43	
9											
10									Other expenses *		
11 10.65	36.53		80.00		43.47				105 miles @ .30	31.50	
12									Copy expense	5.50	
13									Dist. share S.S.&		
									Med. (FICA)	11.48	
14 8.25									Total other ex.\$	48.48	
15											
16	30.74		240.00		209.26						
17 .72											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

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>1.85</u>	_____	_____
D4-9 Joyce	1-5		_____	_____	_____	<u>12.85</u>
D10 Edwards	5	5.14	_____	_____	_____	<u>3.53</u>
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	_____	_____	_____	<u>.97</u>
D11 Nahas	10b	7.474	_____	_____	_____	<u>2.02</u>

* 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

Called on by Jay/Hulet. Hulet reservoir is depleted. He did not think he was getting his .6 at Murphy Flat weir. Joyce frontback is supplementing water to Murphy Mutual Canal by pump to take to his pumps on Murphy Flat. The canal is up and down depending upon time of day.

Mileage 35

Nick Shis
WATERMASTER SIGNATURE

7/97

Page 1

SINKER CREEK WATERMASTER REPORT

DATE July 30, 1999

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.

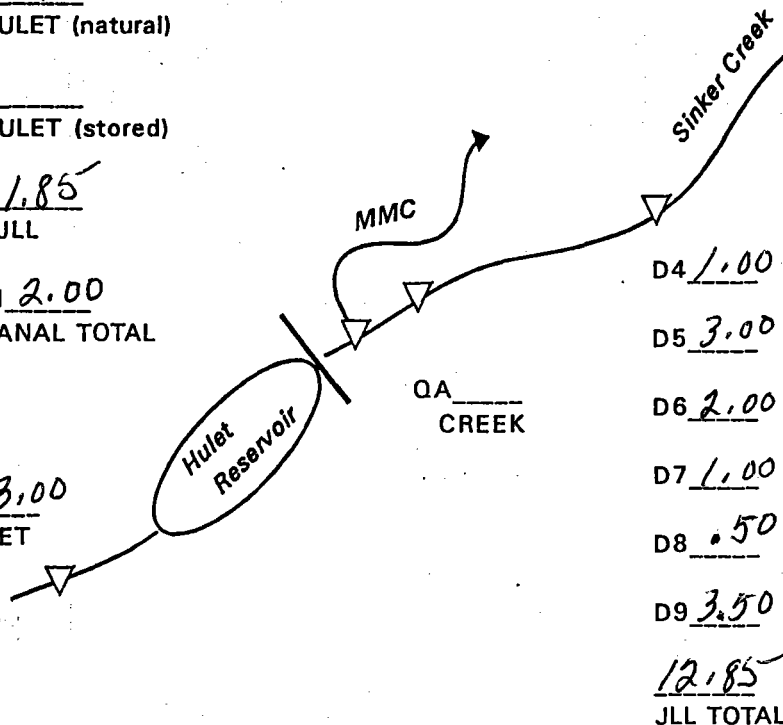
D1 .15
HULET (natural)

D2 _____
HULET (stored)

D3 1.85
JLL

QM 2.00
CANAL TOTAL

QI 3.00
INLET



Computing Natural Flows

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

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

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

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>1.50</u>	____	____
D3 Joyce*	1-5	18.61**	____	<u>.90</u>	____	____
D4-9 Joyce	1-5				____	<u>10.00</u>
D10 Edwards	5	5.14			____	<u>3.55</u>
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			____	<u>.97</u>
D11 Nahas	10b	7.474			____	<u>2.02</u>

* 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

(gn) this day Hulet actually is exceeding his right in the Murphy Mutual Canal. Joyce is still pumping into the Canal from his well, but not continuously, so that the Canal varies somewhat.

Mileage 35

Mark J. H.
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE August 2, 1999**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).
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5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D1 1.50
HULET (natural)D2 _____
HULET (stored)D3 1.90
JLLQM 2.40
CANAL TOTALQI 2.40
INLET

MMC

QA _____
CREEK

D4 _____

D5 3.00D6 2.00D7 1.00D8 .50D9 3.5010.90
JLL TOTALD10 3.55
EDWARDSD11 2.75
NAHASQB .24
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>1.00</u>		
D3 Joyce*	1-5	18.61**		<u>2.40</u>		
D4-9 Joyce	1-5					<u>10.00</u>
D10 Edwards	5	5.14				<u>3.55</u>
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				<u>.97</u>
D11 Nahas	10b	7.474				<u>2.02</u>

* 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

On this day Hulet not receiving any water on Flat.
One day excess, next day none. I cannot control the
flow in Murphy Mutual Canal because Joyce is pumping
irregularly to supply his pump on Flat. On average I
believe Hulet ~~have~~ received his .60 CFS on Murphy Flat

Mileage 35.0

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE August 12, 1999**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 2.40
JLLQM 2.40
CANAL TOTALQI 2.40
INLETQA
CREEKD4 D5 3.00D6 2.00D7 1.00D8 1.50D9 3.5012.40

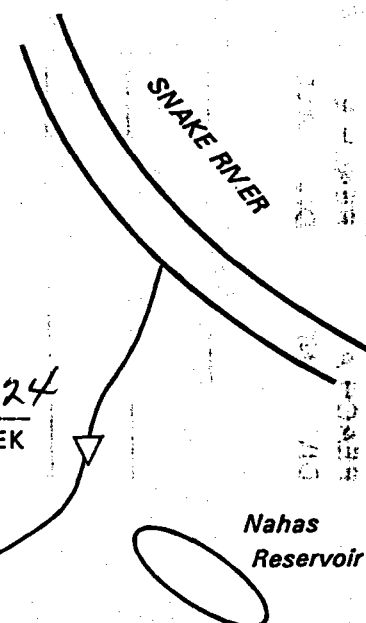
JLL TOTAL

QB 0.24
CREEKD11 2.75
NAHASD10 3.55
EDWARDSNahas
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

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Note: Show all flows in cfs.

D1 —
HULET (natural)D2 —
HULET (stored)D3 2.40
JLLQM 2.40
CANAL TOTALQI 2.40
INLETHulet
Reservoir

MMC

QA —
CREEKD4 —D5 3.00D6 2.00D7 1.00D8 1.50D9 3.5012.40

JLL TOTAL

Sinker Creek

D10 3.55
EDWARDSD11 2.75
NAHASQB 1.24
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>.00</u>	____	____
D3 Joyce*	1-5	18.61**	____	<u>2.40</u>	____	____
D4-9 Joyce	1-5				____	<u>10.00</u>
D10 Edwards	5	5.14			____	<u>3.55</u>
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			____	<u>.97</u>
D11 Nahas	10b	7.474			____	<u>2.02</u>

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

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Mileage 35.0

Nate Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

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Note: Show all flows in cfs.

D1 .15
HULET (natural)D2 _____
HULET (stored)D3 1.85
JLLQM 2.00
CANAL TOTALQI 3.00
INLET

Hulet Reservoir

MMC

QA _____
CREEKD4 1.00D5 3.00D6 2.00D7 1.00D8 .50D9 3.5012.85
JLL TOTAL

Sinker Creek

D10 3.55
EDWARDSD11 2.75
NAHASQB .24
CREEK

Nahas Reservoir

TUDJONA

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	
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D4-9 Joyce	1-5				____	<u>12.85</u>
D10 Edwards	5	5.14			____	<u>3.55</u>
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			____	<u>.97</u>
D11 Nahas	10b	7.474			____	<u>2.02</u>

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Mileage 35

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WATERMASTER SIGNATURE

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D1 1.50
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JLLQM 2.40
CANAL TOTALQI 2.40
INLET

MMC

QA _____
CREEK

D4 _____

D5 3.00D6 2.00D7 1.00D8 .50D9 3.5010.90
JLL TOTALD10 3.55
EDWARDSD11 2.75
NAHASQB .24
CREEKNahas
Reservoir

SNAKE RIVER

Computing Natural Flows

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

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D4-9 Joyce	1-5				____	<u>10.00</u>
D10 Edwards	5	5.14			____	<u>3.55</u>
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			____	<u>.97</u>
D11 Nahas	10b	7.474			____	<u>2.02</u>

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Nick J. H.
WATERMASTER SIGNATURE