

	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	Nahas Ranch	00177	
15	Nahas Ranch	00178	
16	Nahas Ranch	02221	
17	Nahas Ranch	10470	
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

DIVERSION NAME
 CHAGI FO STATE
 CURE --- YRATCH

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.

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>6.39</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	<u>4.84</u>
D11 Nahas	6	2.63	____	____	____	<u>3.11</u>
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
D4-9 Joyce	7-8		____	____	____	____
D1 Hulet	9	54.4	____	<u>11.05</u>	____	____
D11 Nahas	10a	0.97	____	____	____	<u>.97</u>
D11 Nahas	10b	7.474	____	____	____	____

- * If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.
- ** These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

COMMENTS/TRIP LOG

Inflow at Res. 2.92 C.F.S.
 Unable to tell level of Reservoir.
 No markers below 20 ft. (about ^{water} gone)

Mileage 35

Nick Ili
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 07/11/2000

Instructions for completing form

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

Note: Show all flows in cfs.

D1 0.60
HULET (natural)

D2 11.05
HULET (stored)

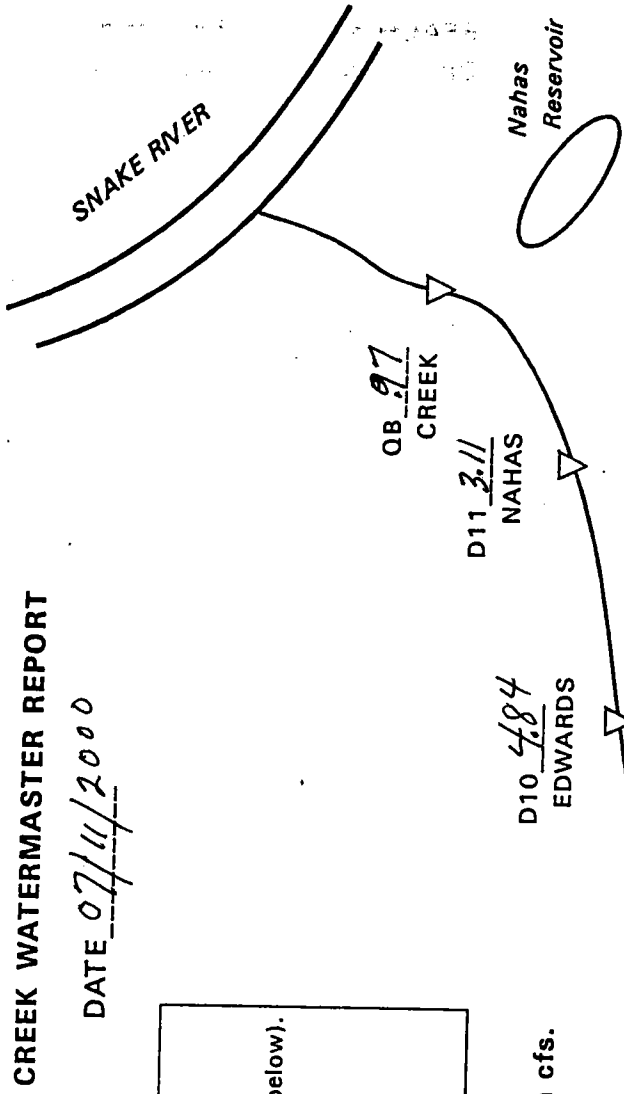
D3 _____
JLL

QM 11.65
CANAL TOTAL

QI 2.92
INLET

MMC
QA 2.39
CREEK

D4 1.25
D5 .50
D6 .50
D7 .50
D8 1.0
D9 1.25
7.39
JLL TOTAL



Computing Natural Flows

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

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

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

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>7.62</u>	____	<u>4.97</u>
D4-9 Joyce	1-5				____	____
D10 Edwards	5	5.14			____	<u>2.84</u>
D11 Nahas	6	2.63			____	<u>3.11</u>
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
D4-9 Joyce	7-8				____	____
D1 Hulet	9	54.4	____	<u>13.60</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 @ Res. 4.59 cfs.
Reservoir @ 20 ft level

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 07/04/2000

Instructions for completing form

1. Measure flows at QI, QM, OA, 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 13.60
HULET (stored)

D3 7.62
JLL

QM 21.82
CANAL TOTAL

QI 4.59
INLET

MMC

OA .97
CREEK

D4 1.25

D5 .50

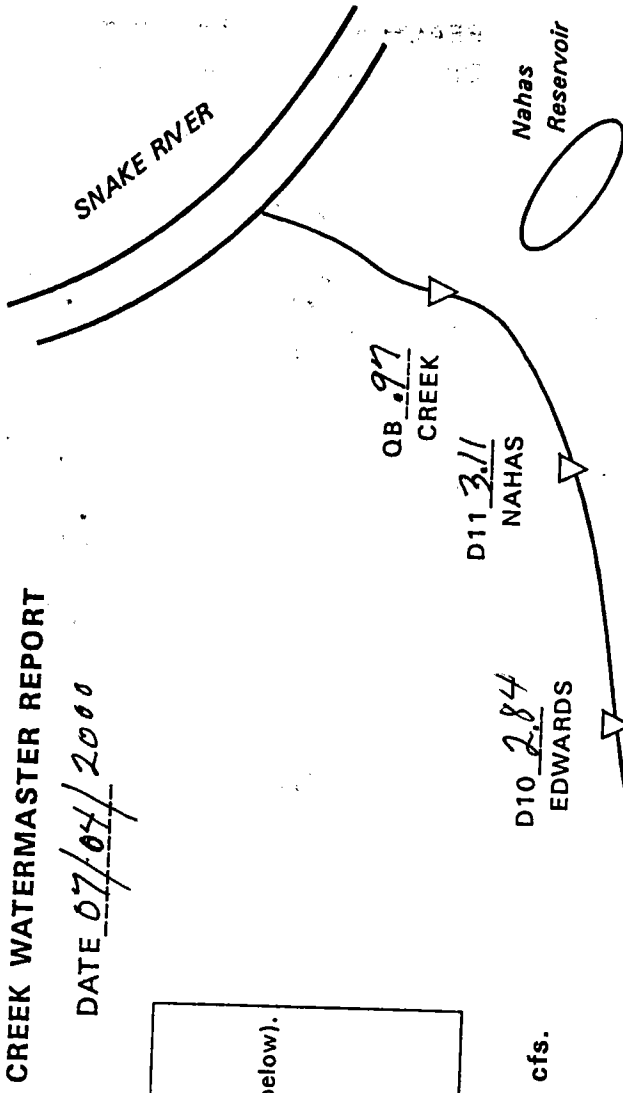
D6 .50

D7 .50

D8 1.0

D9 1.25

13.59
JLL TOTAL



Computing Natural Flows

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

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

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

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	---	---	---	---
D3 Joyce*	1-5	18.61**	---	<u>17.25</u>	---	<u>17.25</u>
D4-9 Joyce	1-5		---	---	---	---
D10 Edwards	5	5.14	---	---	---	---
D11 Nahas	6	2.63	---	---	---	---
D3 Joyce	7-8	2.46**	---	<u>1.00</u>	---	<u>1.00</u>
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

*Called on by Paul Nettleton. Water turned out of reservoir, down Creek.
Inflow est. 45 C.F.S.; Reservoir @ 46 ft level.*

Mileage 30

Nick Shli

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/01/2000

Instructions for completing form

1. Measure flows at Q1, QM, QA, D 4-11, OB, 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 45.0
INLET

MMC

QA 8.25
CREEK

D4

D5

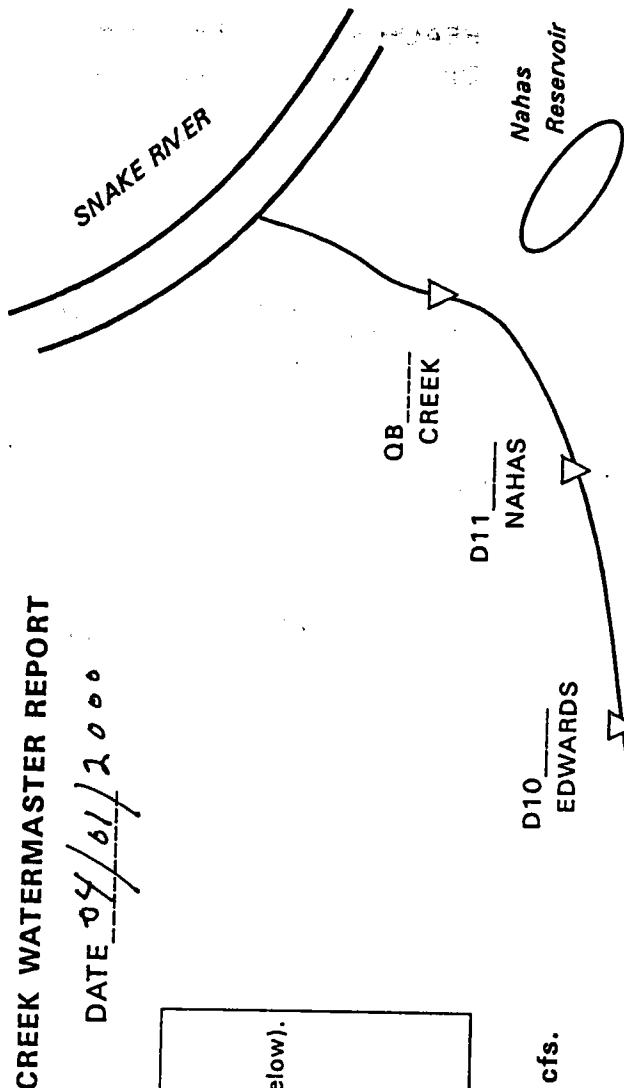
D6

D7

D8

D9

18.25
JLL TOTAL



Computing Natural Flows

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

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

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

WATER ALLOCATION WORKSHEET

DIVERSION AND PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				____ (NA)		____ (NB)
D1 Hulet	1	0.6	____	____	____	____
D3 Joyce*	1-5	18.61**	____	____	____	<u>23.66</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	____
D11 Nahas	6	2.63	____	____	____	____
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
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

*Hipwell (Edwards) requested water. none available below Joyce Ranch.
Inflow est. 45.0 CFS. Reservoir @ 47ft level.*

Mileage 25

Nick Shl.

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 07/04/2000

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

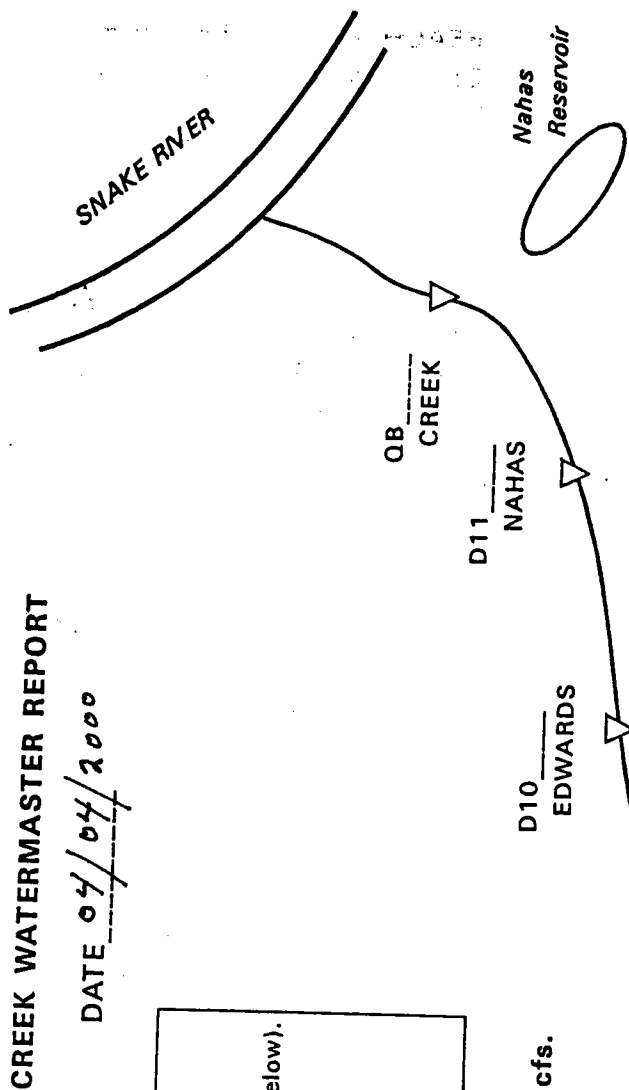
QI 45.0
INLET

MMC

QA 24.66
CREEK

D4
D5
D6
D7
D8
D9

24.66
JLL TOTAL



Computing Natural Flows

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

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

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

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>.60</u>		1.0
D3 Joyce*	1-5	18.61**				
D4-9 Joyce	1-5					<u>14.09</u>
D10 Edwards	5	5.14				
D11 Nahas	6	2.63				
D3 Joyce	7-8	2.46**				<u>1.00</u>
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>14.75</u>		
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

*Turned water into Murphy Mutual Canal.
Inflow est @ 50 cfs. Reservoir level @ 49 ft.*

Mileage 30

Dick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/06/2000

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 14.75
HULET (stored)

D3 _____
JLL

QM 5.35
CANAL TOTAL

QI 50.0
INLET

MMC

QA 5.09
CREEK

D4 _____

D5 _____

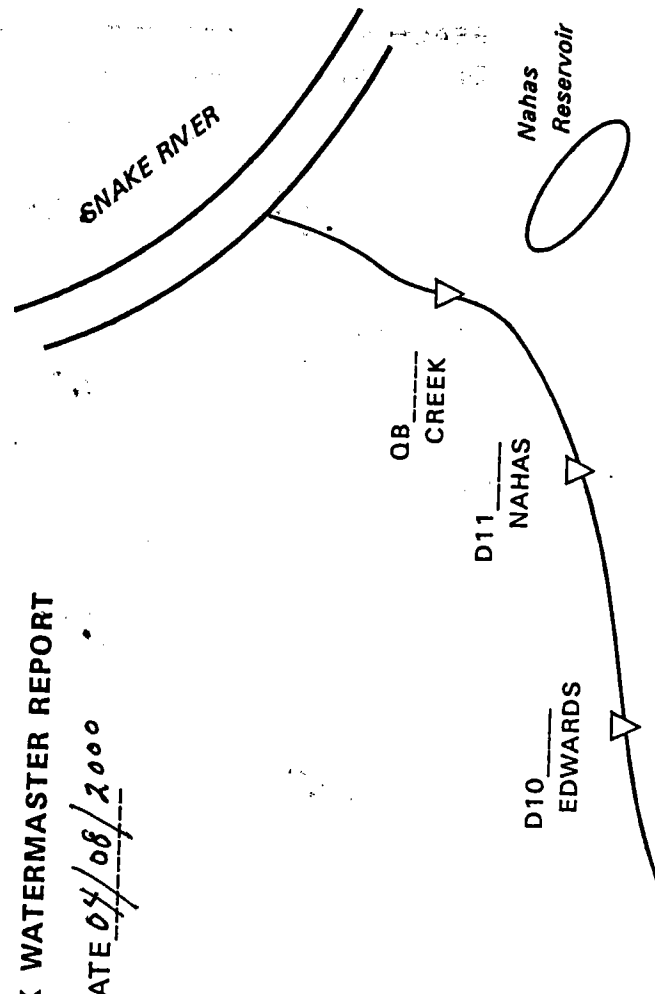
D6 _____

D7 _____

D8 _____

D9 _____

15.09
JLL TOTAL



Computing Natural Flows

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

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

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

Page 3
WATERMASTER REPORT

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>17.15</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	_____
D11 Nahas	6	2.63	_____	_____	_____	_____
D3 Joyce	7-8	2.46**	_____	_____	_____	<u>1.00</u>
D4-9 Joyce	7-8		_____	_____	_____	_____
D1 Hulet	9	54.4	_____	<u>14.35</u>	_____	_____
D11 Nahas	10a	0.97	_____	_____	_____	_____
D11 Nahas	10b	7.474	_____	_____	_____	_____

- * If flow is being diverted at D3, then rights ranked 5, 6, and 10a must be satisfied unless delivery is declined.
- ** These flows may be diverted in either reach. However, the total Joyce diversion may not exceed 21.07 cfs when Joyce is diverting to Reach A and Hulet is diverting.

COMMENTS/TRIP LOG
Inflow est. 40 cfs. Reservoir @ 49 ft level.

Mileage 25

Trick Shli
 WATERMASTER SIGNATURE

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>16.33</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	<u>5.08</u>
D11 Nahas	6	2.63	_____	_____	_____	<u>1.77</u>
D3 Joyce	7-8	2.46**	_____	_____	_____	<u>1.00</u>
D4-9 Joyce	7-8		_____	_____	_____	_____
D1 Hulet	9	54.4	_____	<u>12.75</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

*Finally got water to Edwards below Joyce Ranch.
Inflow est @ 40.0 cfs. Reservoir @ 49 ft level.*

Mileage 30

Nick Shli

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 07/14/2000

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 12.75
HULET (stored)

D3 2.00
JLL

QM 5.35
CANAL TOTAL

QI 40.0
INLET

QA 5.33
CREEK

D4 2.5

D5 1.0

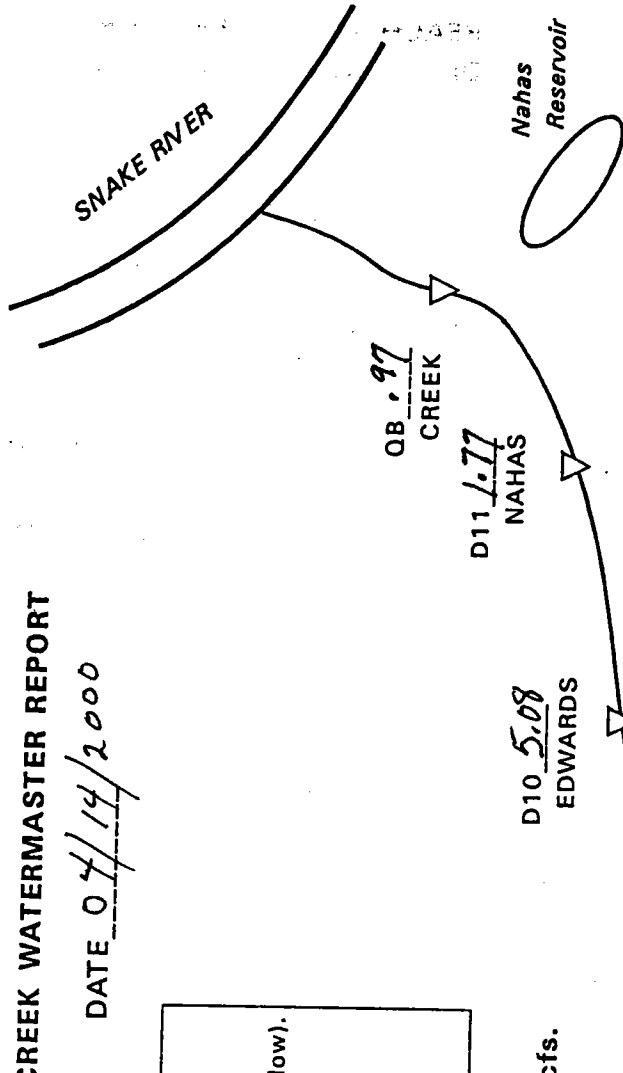
D6 1.0

D7 1.0

D8 2.0

D9 2.5

17.33
JLL TOTAL



Computing Natural Flows

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

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

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

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>.60</u>		
D3 Joyce*	1-5	18.61**				<u>13.29</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>5.08</u>
D11 Nahas	6	2.63				<u>1.77</u>
D3 Joyce	7-8	2.46**				<u>1.00</u>
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>14.60</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

*Increased M.M.C. by 2.00 CFS.
Reservoir @ 49 ft level.*

Mileage 30

Nick Shli

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/19/2000

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 14.60

HULET (stored)

D3 2.0

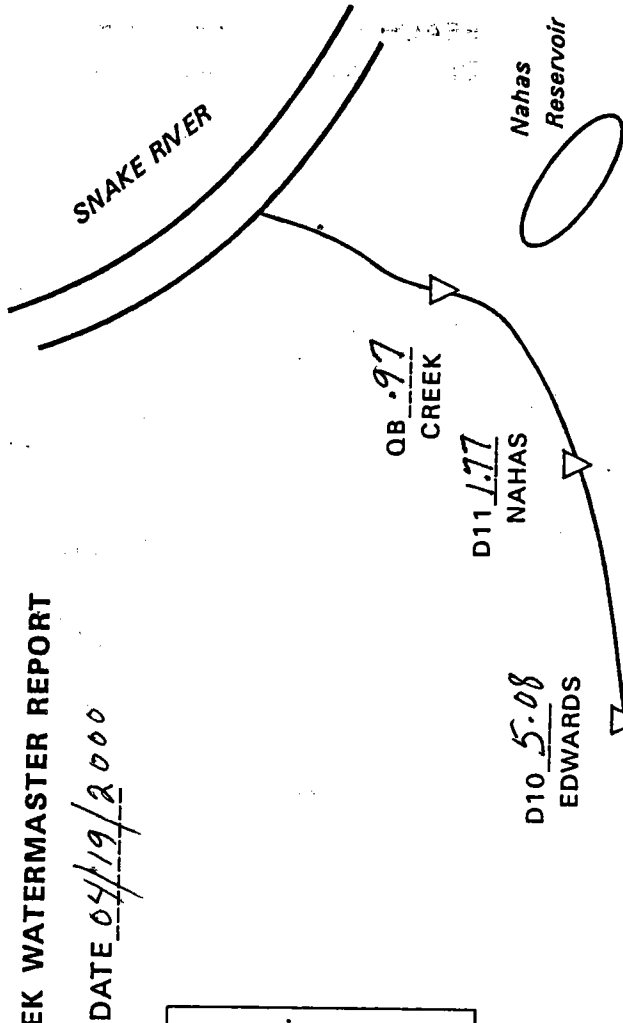
JLL

QM 17.20

CANAL TOTAL

QI now part

INLET



Computing Natural Flows

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

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

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

7/97

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>19.00</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	<u>5.08</u>
D11 Nahas	6	2.63	_____	_____	_____	<u>1.77</u>
D3 Joyce	7-8	2.46**	_____	_____	_____	<u>1.00</u>
D4-9 Joyce	7-8		_____	_____	_____	_____
D1 Hulet	9	54.4	_____	<u>12.89</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

No estimate on Inflow. Reservoir level @ 49 ft.

Mileage 30

Nick Shi

 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/20/2000

Instructions for completing form

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

Note: Show all flows in cfs.

D1 0.60
HULET (natural)

D2 2.89
HULET (stored)

D3 8.0
JLL

QM 2,149
CANAL TOTAL

Q1 100
INLET

MMC

QA 2.0
CREEK

D4 2.5

D5 1.0

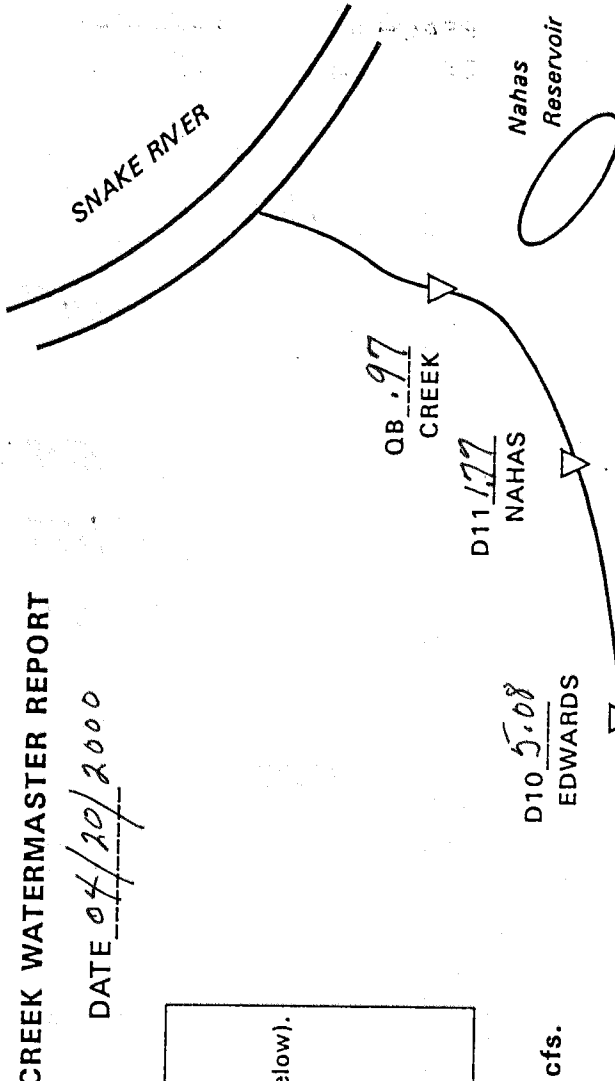
D6 1.0

D7 1.0

D8 2.0

D9 2.5

20.0
JLL TOTAL



Computing Natural Flows

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

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

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

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>16.50</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	<u>5.08</u>
D11 Nahas	6	2.63	____	____	____	<u>2.64</u>
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
D4-9 Joyce	7-8		____	____	____	____
D1 Hulet	9	54.4	____	<u>9.90</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

*Paul cut water off Benches field.
No estimate of inflow. Reservoir @ 49 1/2 ft level.*

Mileage 55

Nick Shi

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 04/26/1000

Instructions for completing form

1. Measure flows at OI, OM, 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 9.90
HULET (stored)

D3 6.0
JLL

OM _____
CANAL TOTAL

OI for rec.
INLET

MMC

QA 1.5
CREEK

D4 2.5

D5 1.0

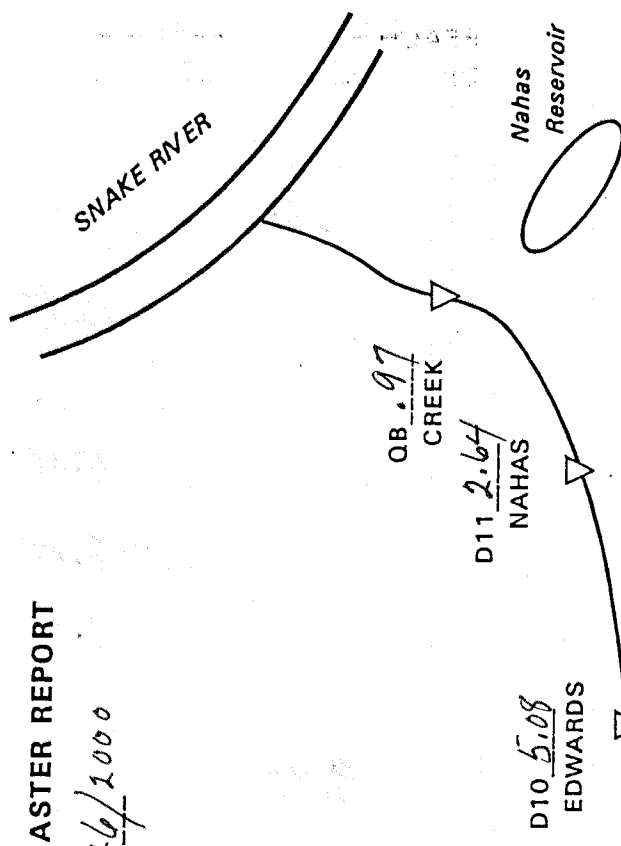
D6 1.0

D7 1.0

D8 2.0

D9 2.5

JLL TOTAL



Computing Natural Flows

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

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

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

HOOPER

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>8.0</u>		<u>11.08</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>5.08</u>
D11 Nahas	6	2.63				<u>3.11</u>
D3 Joyce	7-8	2.46**				<u>1.0</u>
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>14.08</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

No ext. of inflow. Reservoir @ 47 ft level.

Mileage 38

Mark Miller

 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/01/2000

Instructions for completing form

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

Note: Show all flows in cfs.

D1 1.60
HULET (natural)

D2 14.08
HULET (stored)

D3 8.0
JLL

QM 20.68
CANAL TOTAL

QI No flow
INLET

D4 2.5

D5 1.0

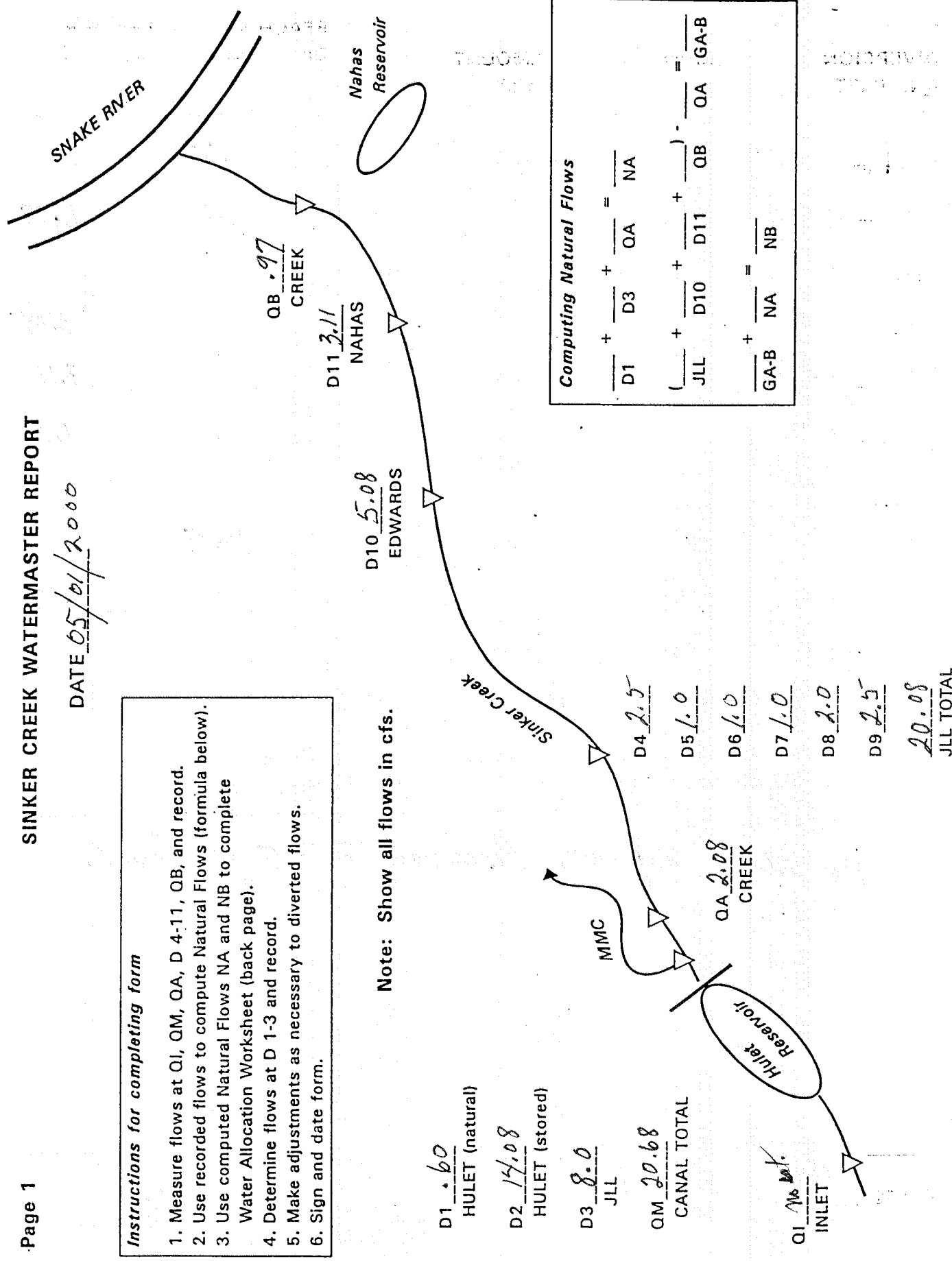
D6 1.0

D7 1.0

D8 2.0

D9 2.5

20.08
JLL TOTAL



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		.60		
D3 Joyce*	1-5	18.61**		8.0		11.08
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				5.08
D11 Nahas	6	2.63				3.11
D3 Joyce	7-8	2.46**				1.0
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		15.74		
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

Hulet complaining that water is low. Increase by 1.6 CFS.
 No est of inflow. Reservoir @ 48 1/2 ft level

Mileage 35

Nick Shl...
 WATERMASTER SIGNATURE

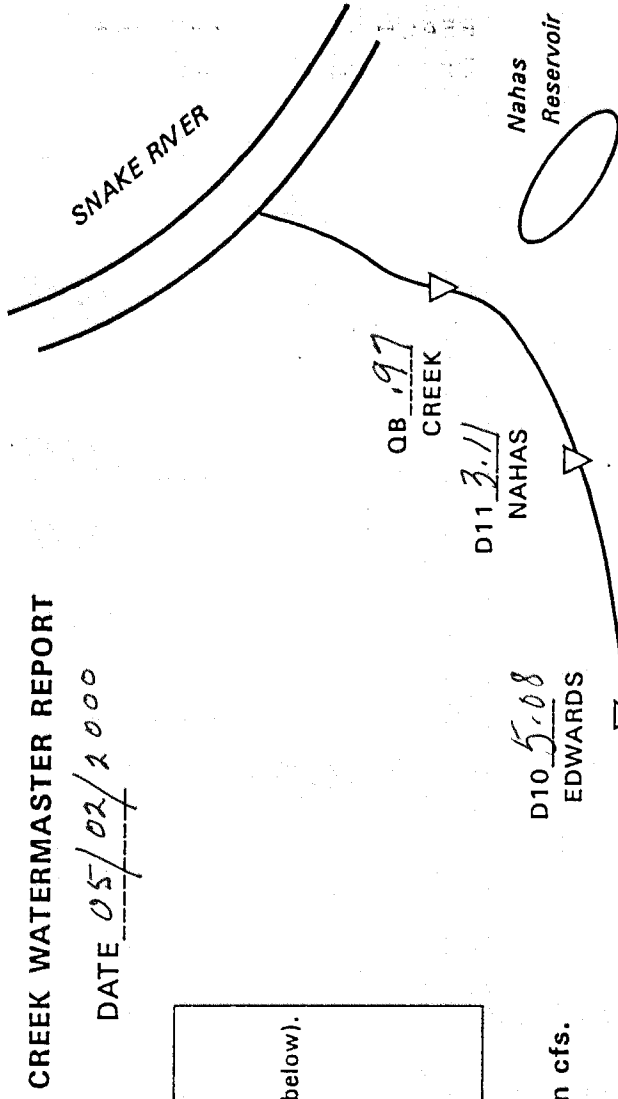
SINKER CREEK WATERMASTER REPORT

DATE 05/02/2000

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 15.74
HULET (stored)

D3 8.0
JLL

QM 24.34
CANAL TOTAL

QI 1.0
INLET

D4 2.5

D5 1.0

D6 1.0

D7 1.0

D8 2.0

D9 2.5

20.08
JLL TOTAL

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>.60</u>		
D3 Joyce*	1-5	18.61**		<u>6.0</u>		<u>10.25</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>5.08</u>
D11 Nahas	6	2.63				<u>3.11</u>
D3 Joyce	7-8	2.46**				<u>1.00</u>
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>14.52</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

No est. of inflow. Reservoir @ 47 ft level.

Mileage 35

Dick Shli

 WATERMASTER SIGNATURE

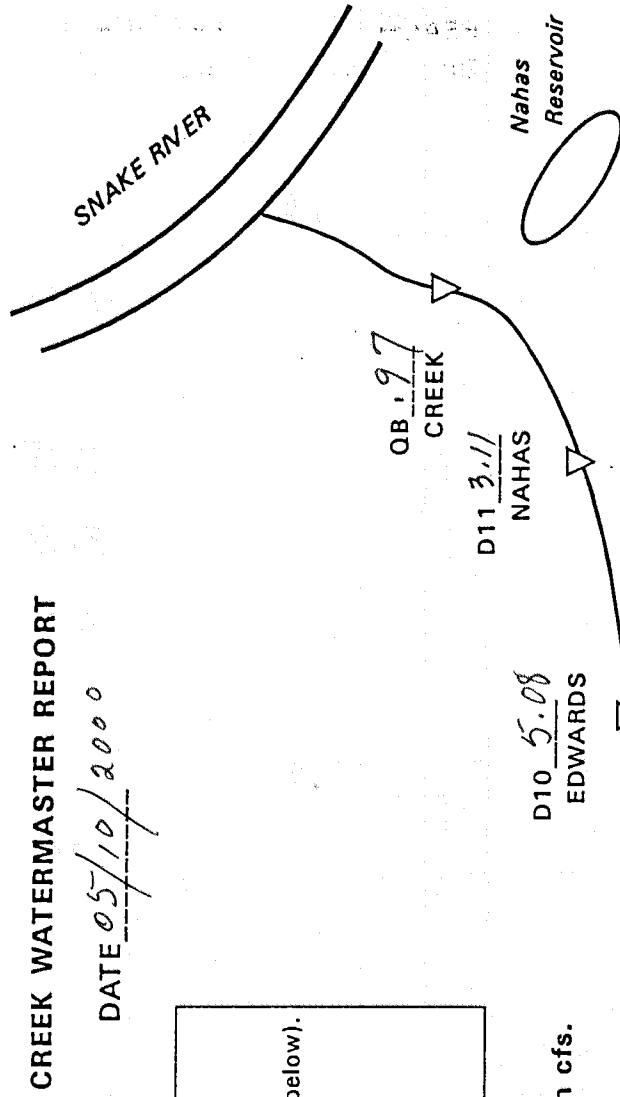
SINKER CREEK WATERMASTER REPORT

DATE 05/10/2000

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 14.52
HULET (stored)

D3 6.00
JLL

QM 21.12
CANAL TOTAL

QI 16.00
INLET

D4 2.5

D5 1.0

D6 1.0

D7 1.0

D8 2.0

D9 2.5

17.25
JLL TOTAL

Computing Natural Flows

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

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

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

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>.60</u>		
D3 Joyce*	1-5	18.61**		<u>8.00</u>		<u>10.49</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>5.08</u>
D11 Nahas	6	2.63				<u>3.11</u>
D3 Joyce	7-8	2.46**				<u>1.00</u>
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

No est of inflow. Reservoir @ 44 ft level.

Mileage 50

*Checked on 20 th also.
Mileage only.*

Nick Sheli

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/19/2000

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 14.56

HULET (stored)

D3 8.00

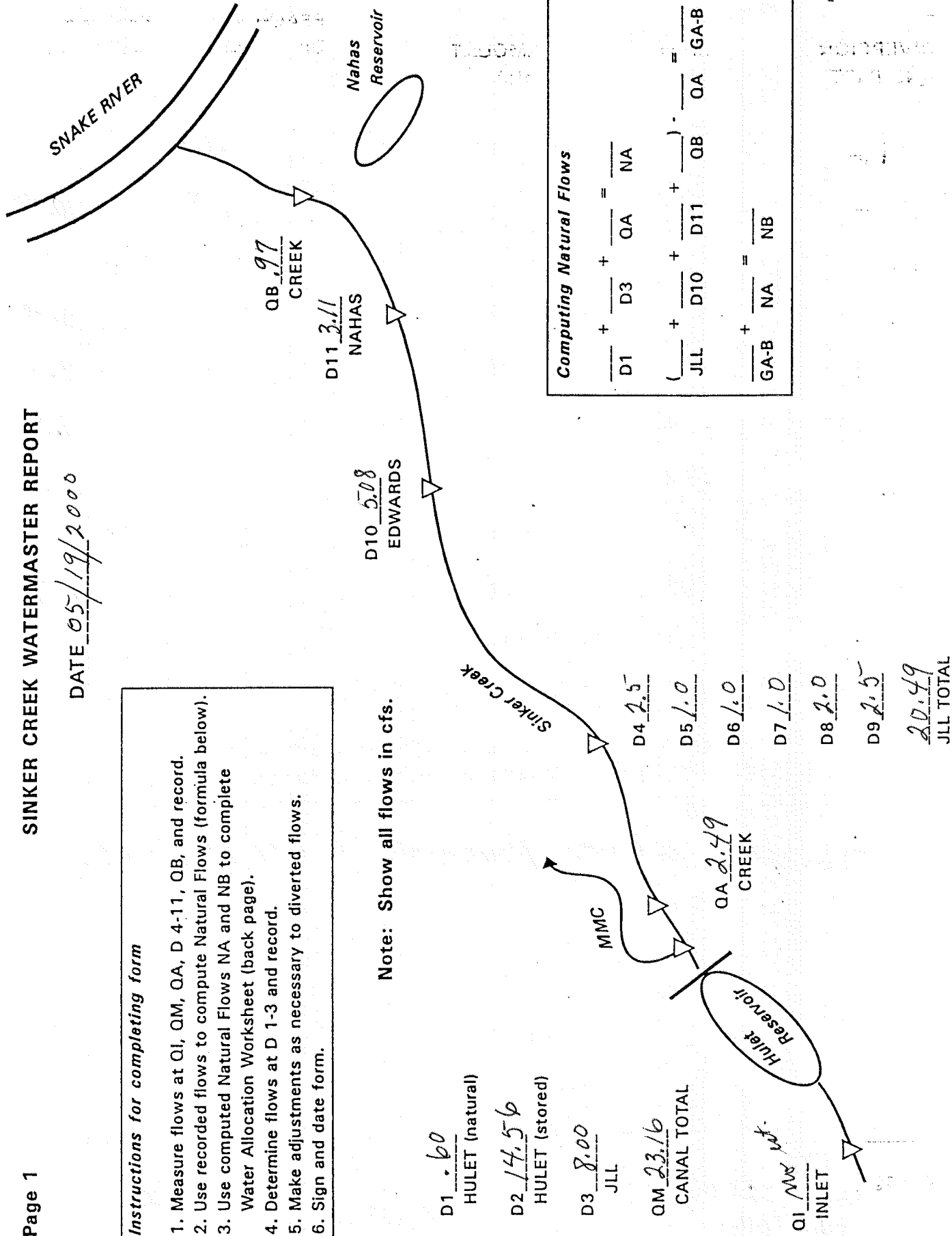
JLL

QM 23.16

CANAL TOTAL

QI 2.49

INLET



Computing Natural Flows

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

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

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

20.49
JLL TOTAL

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>9.85</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	<u>4.64</u>
D11 Nahas	6	2.63	____	____	____	<u>3.11</u>
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
D4-9 Joyce	7-8		____	____	____	____
D1 Hulet	9	54.4	____	<u>14.75</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

*Paul cut off all water to bench + Flat.
No est of inflow. Reservoir @ 44 ft level.*

Mileage 25

Nick Shi

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 05/21/2000

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 14.75
HULET (stored)

D3 _____
JLL

QM 15.35
CANAL TOTAL

QI 10.85
INLET

MMC

QA 85
CREEK

D4 25

D5 1.0

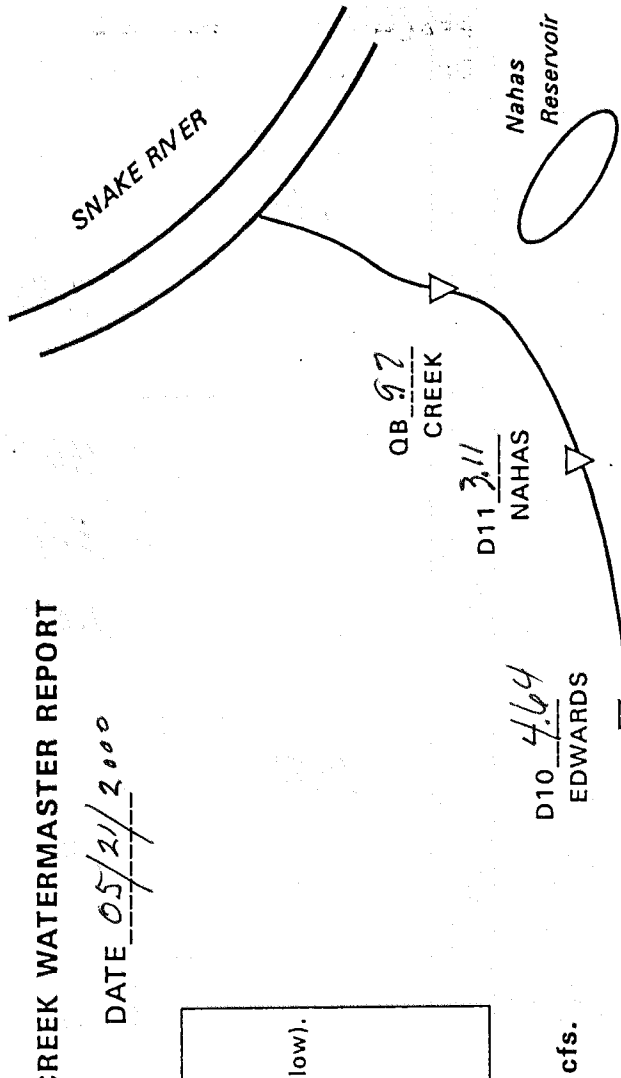
D6 1.0

D7 1.0

D8 1.0

D9 1.5

10.85
JLL TOTAL



Computing Natural Flows

$\frac{D1}{D1}$	$+$	$\frac{D3}{D3}$	$+$	$\frac{QA}{QA}$	$=$	$\frac{NA}{NA}$
$(\frac{JLL}{JLL}$	$+$	$\frac{D10}{D10}$	$+$	$\frac{QB}{QB}$	$) -$	$\frac{QA}{QA} \frac{GA-B}{GA-B}$
$\frac{GA-B}{GA-B}$	$+$	$\frac{NA}{NA}$	$=$	$\frac{NB}{NB}$		

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>.60</u>	____	____
D3 Joyce*	1-5	18.61**	____	<u>6.25</u>	____	<u>14.6</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	<u>4.64</u>
D11 Nahas	6	2.63	____	____	____	<u>.43</u>
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
D4-9 Joyce	7-8		____	____	____	____
D1 Hulet	9	54.4	____	<u>10.58</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

No est of inflow. Reservoir D 41 ft level.

Mileage 50

Nick Ili
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/05/2000

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 10.58
HULET (stored)

D3 6.25
JLL

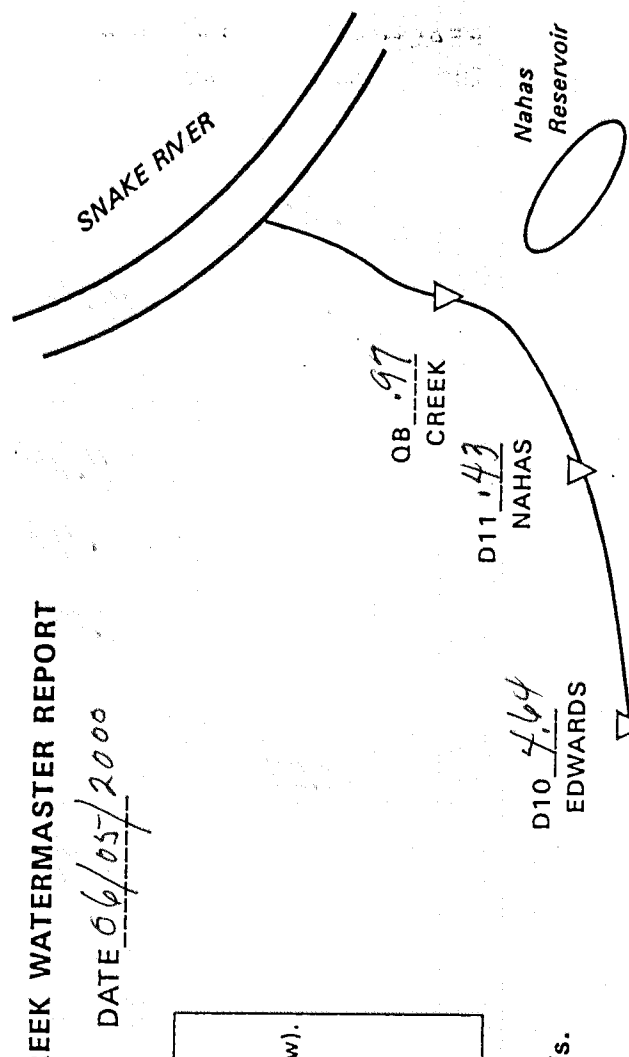
QM 17.43
CANAL TOTAL

QI 17.43
INLET

MMC
QA 5.6
CREEK

D4 2.5
D5 1.0
D6 1.0
D7 1.0
D8 2.0
D9 2.5

21.85
JLL TOTAL



Computing Natural Flows

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

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

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

Page 1 of 2

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>5.0</u>		<u>14.85</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>4.64</u>
D11 Nahas	6	2.63				<u>.43</u>
D3 Joyce	7-8	2.46**				<u>1.00</u>
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>11.21</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 of Res - 11.8
Reservoir at 40 ft level

Mileage 35

Nick Phelps
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/08/2000

Instructions for completing form

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

Note: Show all flows in cfs.

D1 60

HULET (natural)

D2 11.21

HULET (stored)

D3 5.0

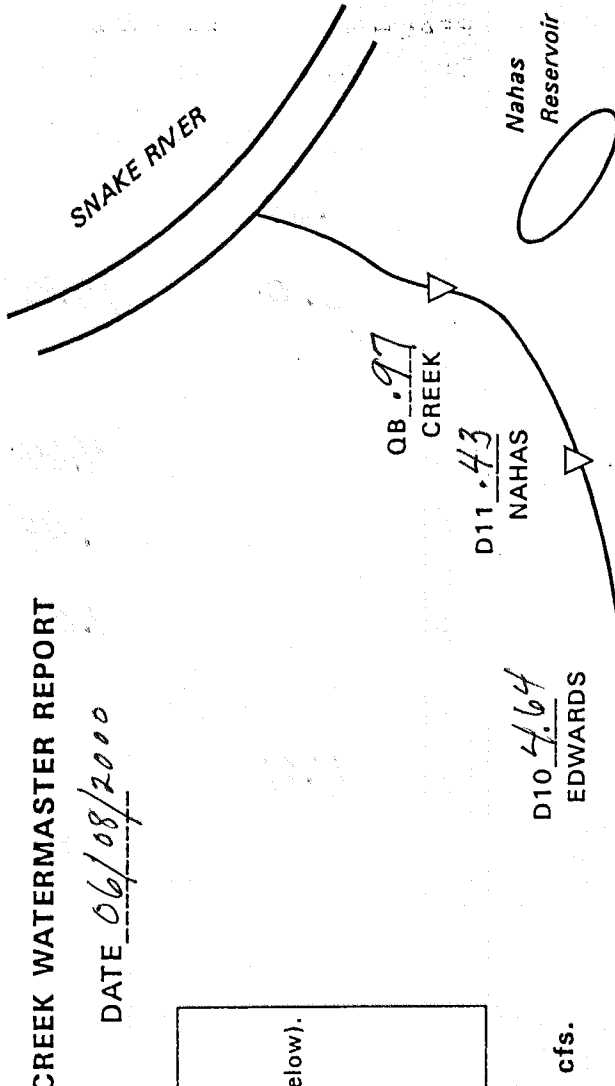
JLL

QM 16.81

CANAL TOTAL

QI 11.8

INLET



Computing Natural Flows

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

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

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

D4 2.5
 D5 1.0
 D6 1.0
 D7 1.0
 D8 2.0
 D9 2.5
20.85
 JLL TOTAL

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>10.0</u>	____	<u>9.97</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	<u>4.64</u>
D11 Nahas	6	2.63	____	____	____	<u>.43</u>
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
D4-9 Joyce	7-8		____	____	____	____
D1 Hulet	9	54.4	____	<u>14.10</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 @ Res. 7.2 CFS
Reservoir @ 37 ft level

Mileage 30

Nick Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/14/2000

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 14.1
HULET (stored)

D3 10.0
JLL

QM 24.7
CANAL TOTAL

QI 7.2
INLET

MMC

QA 9.7
CREEK

D4 2.5

D5 1.0

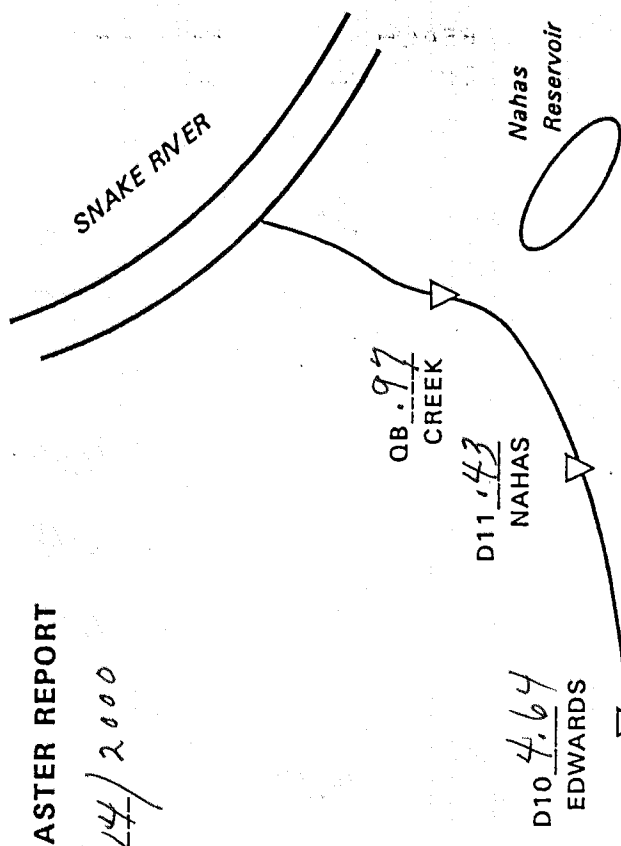
D6 1.0

D7 1.0

D8 2.0

D9 2.5

20.97
JLL TOTAL



Computing Natural Flows

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

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

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

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>7.53</u>		<u>9.97</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>4.64</u>
D11 Nahas	6	2.63				<u>.43</u>
D3 Joyce	7-8	2.46**				<u>1.00</u>
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>14.10</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 @ Res - 7.2 C.F.S.
Reservoir @ 34 ft level

Mileage 35

Nick Shei
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/19/2000

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 14.10
HULET (stored)

D3 7.53
JLL

QM 22.23
CANAL TOTAL

QI 7.2
INLET

MMC

QA .97
CREEK

D4 2.5

D5 1.0

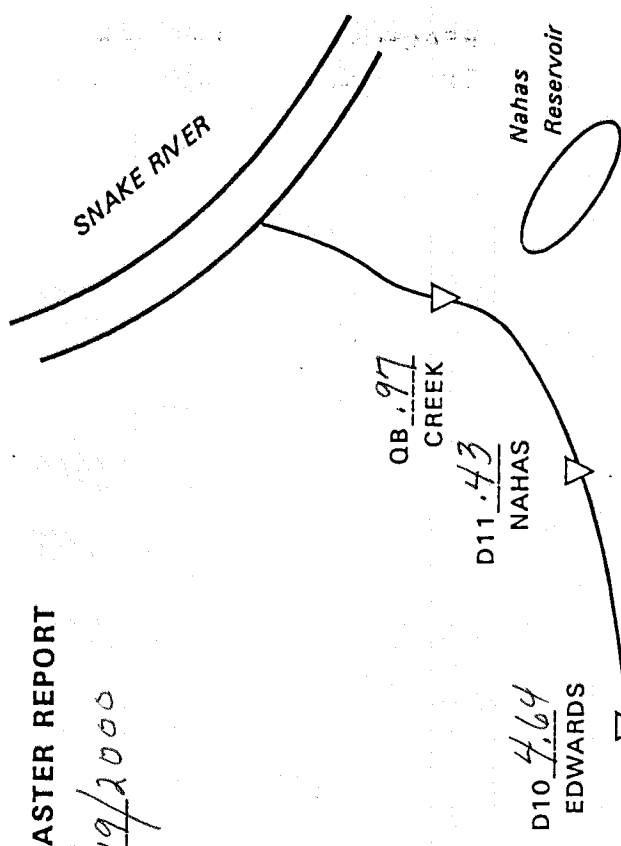
D6 1.0

D7 1.0

D8 2.0

D9 2.5

18.50
JLL TOTAL



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>.60</u>	____	____
D3 Joyce*	1-5	18.61**	____	<u>5.50</u>	____	<u>9.97</u>
D4-9 Joyce	1-5		____	____	____	____
D10 Edwards	5	5.14	____	____	____	<u>4.64</u>
D11 Nahas	6	2.63	____	____	____	<u>.43</u>
D3 Joyce	7-8	2.46**	____	____	____	<u>1.00</u>
D4-9 Joyce	7-8		____	____	____	____
D1 Hulet	9	54.4	____	<u>18.30</u>	____	____
D11 Nahas	10a	0.97	____	____	____	<u>.97</u>
D11 Nahas	10b	7.474	____	____	____	____

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

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

COMMENTS/TRIP LOG

Inflow at Res - 7.09 cfs
Reservoir level @ 32 ft.

Mileage 30

Naik Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/22/2000

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 18.30
HULET (stored)

D3 5.50
JLL

QM 24.4
CANAL TOTAL

QI 7.09
INLET

MMC

QA .97
CREEK

D4 2.5

D5 1.0

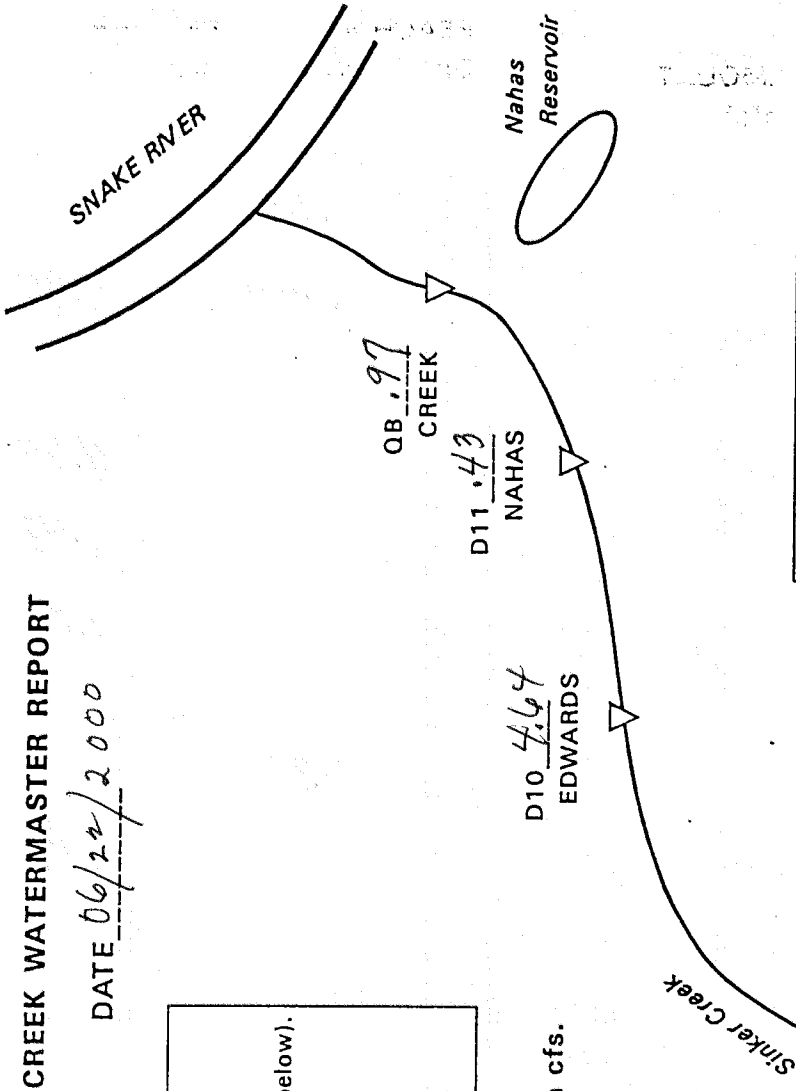
D6 1.0

D7 1.0

D8 2.0

D9 2.5

16.47
JLL TOTAL



Computing Natural Flows

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

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

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

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>5.50</u>		<u>9.97</u>
D4-9 Joyce	1-5					
D10 Edwards	5	5.14				<u>at</u>
D11 Nahas	6	2.63				<u>3.11</u>
D3 Joyce	7-8	2.46**				
D4-9 Joyce	7-8					
D1 Hulet	9	54.4		<u>15.30</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 @ res. 5.89 cfs.
Reservoir @ 29 1/2 ft level.

Mileage 35

Nick Shli
WATERMASTER SIGNATURE

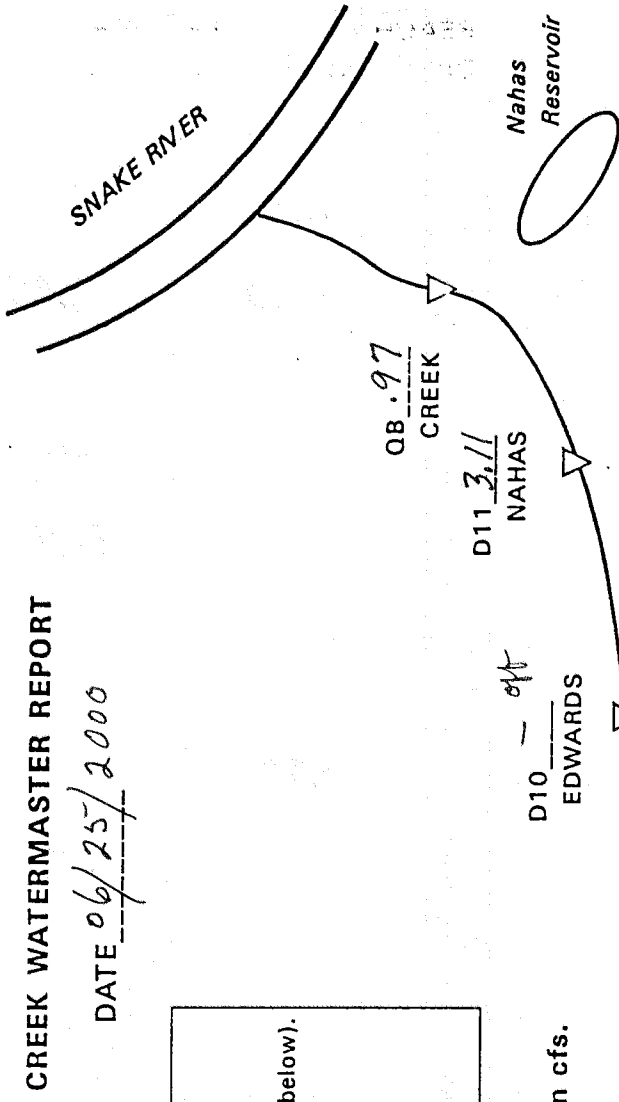
SINKER CREEK WATERMASTER REPORT

DATE 06/25/2000

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

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

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

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

D1 .60
HULET (natural)

D2 15.30
HULET (stored)

D3 5.50
JLL

QM 21.40
CANAL TOTAL

QI 5.89
INLET

D4 2.5

D5 1.0

D6 1.0

D7 1.0

D8 2.0

D9 2.5

16.47
JLL TOTAL

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>3.62</u>	_____	<u>9.97</u>
D4-9 Joyce	1-5		_____	_____	_____	_____
D10 Edwards	5	5.14	_____	_____	_____	<u>2.84</u>
D11 Nahas	6	2.63	_____	_____	_____	<u>3.11</u>
D3 Joyce	7-8	2.46**	_____	_____	_____	<u>1.00</u>
D4-9 Joyce	7-8		_____	_____	_____	_____
D1 Hulet	9	54.4	_____	<u>13.60</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 @ res. 4.59 C.F.S.
Reservoir @ 25 1/2 ft level.

Mileage 30

Nik Shli
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 06/28/2000

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 13.60
HULET (stored)

D3 3.62
JLL

QM 17.82
CANAL TOTAL

QI 4.59
INLET

MMC

QA .97
CREEK

D4 2.5

D5 1.0

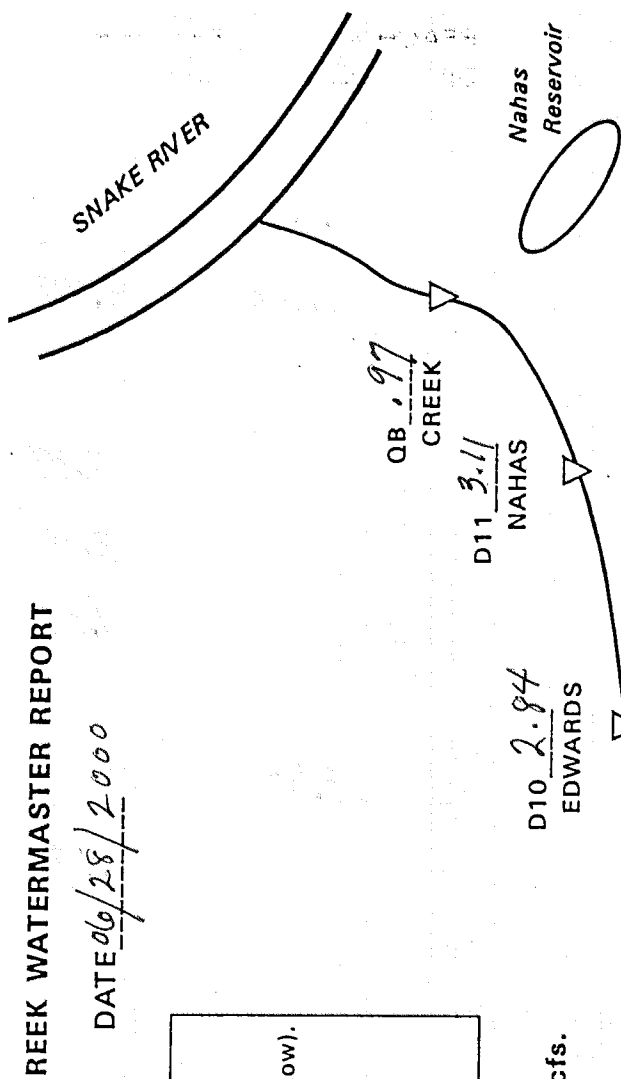
D6 1.0

D7 1.0

D8 2.0

D9 2.5

14.59
JLL TOTAL



Computing Natural Flows

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

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

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