

SINKER CREEK WATERMASTER REPORT

DATE Apr 1 94Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

74 miles

Note: Show all flows in cfs.

 D_1 _____
HULET(live) D_2 _____
HULET(stored)

JLL _____

 Q_M _____
CANAL TOTAL

MMC

 Q_A 3.93
CREEK Q_I 3.93
INLET D_4 _____ D_5 _____ D_6 _____ D_7 _____ D_8 _____ D_9 _____ D_{10} _____
JLL TOTAL D_{11} D_{12} 12
~~16~~ TYSON D_{11} 13
NAHAS Q_B _____
CREEKSnake
River

Sinker Creek

Computing Natural Flows

$$\frac{D_1}{D_1} + \frac{D_3}{D_3} + \frac{Q_A}{Q_A} = \frac{N_A}{N_A}$$

$$\left(\frac{JLL\ TOTAL}{JLL\ TOTAL} + \frac{D_{10}}{D_{10}} + \frac{D_{11}}{D_{11}} + \frac{Q_B}{Q_B} \right) - \frac{Q_A}{Q_A} = \frac{G_{A-B}}{G_{A-B}}$$

$$\frac{G_{A-B}}{G_{A-B}} + \frac{N_A}{N_A} = \frac{N_B}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A	RNF	REACH B	RNF
			DIV		DIV	
				_____ (N _A)		_____ (N _B)
D ₁ (H)	1	0.6	_____	_____		_____
D ₃ (J)	2	18.61**	_____ *	_____		_____
D ₄₋₉ (J)	2				_____	_____
D ₁₀ (T)	3	6.56			_____	_____
D ₁₁ (N)	4	2.63			_____	_____
D ₃ (J)	5	2.46**	_____	_____		_____
D ₄₋₉ (J)	5				_____	_____
D ₁ (H)	6	400.00	_____	_____		_____
D ₁₁ (N)	7a	0.97			_____	_____
D ₁₁ (N)	7b	0.834			_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: inlet weir has a little water running around left side, creek staff is not straight - ↑ met Hulet on road gave measurement of inlet, said water still running under canal weir, He was going to work on that? chain & lock on door.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 4-1-95Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 0
HULET(live)

D_2 0
HULET(stored)

D_3 9.98
JLL

Q_M _____
CANAL TOTAL

MMC

Q_A 8.67
CREEK

est Q_I 21.35
INLET

no inlet

 D_4 _____ D_5 _____ D_6 _____ D_7 _____ D_8 _____ D_9 _____

JLL TOTAL

Sinker Creek

D_{10} _____
TYSON

D_{11} _____
NAHAS

Q_B _____
CREEK

Snake River

76 miles.Computing Natural Flows

$$\frac{\quad}{D_1} + \frac{\quad}{D_3} + \frac{\quad}{Q_A} = \frac{\quad}{N_A}$$

$$\left(\frac{\quad}{JLL\ TOTAL} + \frac{\quad}{D_{10}} + \frac{\quad}{D_{11}} + \frac{\quad}{Q_B} \right) - \frac{\quad}{Q_A} = \frac{\quad}{G_{A-B}}$$

$$\frac{\quad}{G_{A-B}} + \frac{\quad}{N_A} = \frac{\quad}{N_B}$$

SINKER CREEK WATERMASTER REPORT

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DATE April 4 95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
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6. Sign and date form.

Note: Show all flows in cfs.

D_1 0
HULET(live)

D_2 0
HULET(stored)

D_3 12.73
JLL

Q_M _____
CANAL TOTAL

Q_A 6.21
CREEK

Q_I 21.35 - est
INLET

D_4 6.00

D_5 2.81

D_6 1.51

D_7 7.23

D_8 0

D_9 0

12.673
JLL TOTAL

Computing Natural Flows

$$\frac{0}{D_1} + \frac{12.73}{D_3} + \frac{6.21}{Q_A} = \frac{18.94}{N_A}$$

$$\frac{(12.673 + 0 + 7.776 + 0.03) - 6.21}{Q_A} = \frac{7.269}{G_{A-B}}$$

$$\frac{7.269}{G_{A-B}} + \frac{18.94}{N_A} = \frac{26.209}{N_B}$$

90 miles

Q_B 0.03
CREEK

D_{11} 776
NAHAS

D_{10} 0
TYSON

Sinker Creek

aprox 2.00 cfs going down creek
at Bottom of Pools

Snake
River

Plus what's leaking
under weir. MMC

Two Roebuck's
need work.
Power
est.

Apex 1.00 cfs in creek
checked

no inlet

SINKER CREEK WATERMASTER REPORT

Page 1

DATE April 9-95

92 miles

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
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6. Sign and date form.

Note: Show all flows in cfs.

D_1 HULET(live)

D_2 HULET(stored)

D_3 10.31
JLL

Q_M CANAL TOTAL

D_4 6.00

D_5 2.67

D_6 1.45

D_7 1.965

D_8 0 2.00 Mountain est.

D_9 0 0

13.085
JLL TOTAL

Computing Natural Flows

$$\frac{0}{D_1} + \frac{10.31}{D_3} + \frac{6.03}{Q_A} = \frac{16.34}{N_A}$$

$$\frac{(13.085 + 0)}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.37}{D_{11}} + \frac{.02}{Q_B} - \frac{6.03}{Q_A} = \frac{9.445}{G_{A-B}}$$

$$\frac{9.445}{G_{A-B}} + \frac{16.34}{N_A} = \frac{25.785}{N_B}$$

Snake River

Q_B .02
CREEK

D_{11} 2.37
NAHAS

D_{10} 0
TYSON

Sinker Creek

Approx 2.5 CFS at Bottom of Pauls

Q_A 6.03
CREEK

Q_I 21.35
INLET

Stick on canal win

MMC

no inlet

Approx 1.00 CFS in creek channel

SINKER CREEK WATERMASTER REPORT

Page 1

DATE April 13-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 _____
HULET(live)

D_2 _____
HULET(stored)

D_3 7.17 *stick on weir*
JLL

Q_M _____
CANAL TOTAL

MMC

D_4 7.05

D_5 3.25

D_6 1.69

D_7 2.00

D_8 4.23 *.965 No weir*

D_9 0 0

15.378
JLL TOTAL

Q_A 8.67
CREEK

Q_I 21.35 *lost*
INLET *no inlet*
weir

Sinker Creek

D_{10} 0
TYSON

D_{11} 1.46
NAHAS

Q_B .02
CREEK

Snake River

Computing Natural Flows

$$\frac{0}{D_1} + \frac{7.17}{D_3} + \frac{8.67}{Q_A} = \frac{15.84}{N_A}$$

$$\frac{(15.378 + 0 + 1.46 + .02) - 8.67}{JLL\ TOTAL\ D_{10}\ D_{11}\ Q_B\ Q_A} = \frac{8.188}{G_{A-B}}$$

$$\frac{8.188 + 15.84}{G_{A-B}\ N_A} = \frac{24.028}{N_B}$$

SINKER CREEK WATERMASTER REPORT

Page 1

DATE April 19-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 0
HULET(live)

D_2 0
HULET(stored)

D_3 3.93 *stick on canal*
JLL

Q_M 16.08
CANAL TOTAL

MMC

*Aprox 400
CFS in creek*

Q_A 16.08
CREEK

Q_I 21.35
INLET

no inlet

Sinker Creek

D_{10} 0
TYSON

D_{11} 10.89
NAHAS

Q_B 1.00
CREEK

Snake River

94 miles

D_4 8.00

D_5 5.89

D_6 4.86

D_7 2.81

D_8 2.88

D_9 3.35

32.24
JLL TOTAL

*weir unreadable washed out
water in field after
weir*

Leaking

Leaking

*2.60 no weir
2.07 Leaking*

Computing Natural Flows

$$\frac{0}{D_1} + \frac{3.93}{D_3} + \frac{16.08}{Q_A} = \frac{20.01}{N_A}$$

$$\frac{(32.24 + \cancel{2.07})}{JLL\ TOTAL} + \frac{10.89}{D_{11}} + \frac{1.00}{Q_B} - \frac{16.08}{Q_A} = \frac{28.05}{G_{A-B}}$$

$$\frac{28.05}{G_{A-B}} + \frac{20.01}{N_A} = \frac{48.06}{N_B}$$

SINKER CREEK WATERMASTER REPORT

Page 1

DATE April 24-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 HULET(live)

D_2 HULET(stored)

D_3 14.93
JLL

Q_M CANAL TOTAL

Q_A 8.87
CREEK

Q_I 20.09 est
INLET
no inlet Weir

D_4 6.00

D_5 5.27 Weir unmeasurable

D_6 3.47 Leaking

D_7 2.26

D_8 2.67 1.69 No weir

D_9 2.00 1.40

24.76
JLL TOTAL

D_{10} 0
TYSON

D_{11} 7.68
NAHAS

Q_B 1.30
CREEK

Snake River

Sinker Creek

Computing Natural Flows

$$\frac{0}{D_1} + \frac{14.93}{D_3} + \frac{8.87}{Q_A} = \frac{23.8}{N_A}$$

$$\frac{(24.76 + 0 + 7.68 + 1.30)}{JLL\ TOTAL \quad D_{10} \quad D_{11} \quad Q_B} - \frac{8.87}{Q_A} = \frac{24.87}{G_{A-B}}$$

$$\frac{24.87}{G_{A-B}} + \frac{23.8}{N_A} = \frac{48.67}{N_B}$$

SINKER CREEK WATERMASTER REPORT

Page 1

DATE April 27-98

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1
HULET(live)

D_2
HULET(stored)

D_3 17.25
JLL

Q_M
CANAL TOTAL

MMC

D_4 3.30

D_5 4.02

D_6 2.53

D_7 2.33

D_8 2.20 2.00 No Weir

D_9 2.46 1.07

19.91
JLL TOTAL

Q_A 2.47
CREEK

Q_I 21.35 got
INLET
no inlet
11.12

Sinker Creek

D_{10} 0
TYSON

D_{11} 2.60
NAHAS

Q_B 1.04
CREEK

Snake River

90 miles

Computing Natural Flows

$$\frac{0}{D_1} + \frac{17.25}{D_3} + \frac{2.47}{Q_A} = \frac{19.72}{N_A}$$

$$\frac{(19.91 + 0 + 2.60 + 1.04)}{JLL\ TOTAL} - \frac{2.47}{Q_A} = \frac{21.08}{G_{A-B}}$$

$$\frac{21.08}{G_{A-B}} + \frac{19.72}{N_A} = \frac{40.8}{N_B}$$

SINKER CREEK WATERMASTER REPORT

Page 1

DATE May 20 1995

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1
HULET(live)

D_2
HULET(stored)

D_3 18.00 *sticks on canal*
JLL

Q_M
CANAL TOTAL

Q_A 2.47
CREEK

Q_I 38.0
INLET

*est
no inlet weir*

D_4 3.60

D_5 2.51

D_6 1.67

D_7 1.88

D_8 1.97

D_9 2.67

D_{10} 0
TYSON

D_{11} 3.10
NAHAS

Q_B 0.996
CREEK

Snake River

Sinker Creek

Computing Natural Flows

$$\frac{0}{D_1} + \frac{18.00}{D_3} + \frac{2.47}{Q_A} = \frac{20.47}{N_A}$$

$$\frac{(16.94}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{3.10}{D_{11}} + \frac{0.996}{Q_B}) - \frac{2.47}{Q_A} = \frac{18.566}{G_{A-B}}$$

$$\frac{18.566}{G_{A-B}} + \frac{20.47}{N_A} = \frac{39.036}{N_B}$$

SINKER CREEK WATERMASTER REPORT

Page 1

DATE May 8-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1
HULET(live)

D_2
HULET(stored)

D_3 18.45
JLL

Q_M
CANAL TOTAL

D_4 4.32

D_5 1.94

D_6 7.69 *weir*

D_7 1.88

D_8 1.51 7.69

D_9 1.40 9.65 *no weir*

D_{10} 0
TYSON

D_{11} 3.80
NAHAS

Q_B 886
CREEK

Q_A 2.47
CREEK

Q_I 11.35 *+*
INLET

no inlet weir est

Sinker Creek

Snake River

Computing Natural Flows

$$\frac{0}{D_1} + \frac{18.45}{D_3} + \frac{2.47}{Q_A} = \frac{20.92}{N_A}$$

$$\frac{(13.553 + 0 + 3.80 + 886)}{JLL\ TOTAL\ D_{10}\ D_{11}\ Q_B} - \frac{2.47}{Q_A} = \frac{15.769}{G_{A-B}}$$

$$\frac{15.769}{G_{A-B}} + \frac{20.92}{N_A} = \frac{36.689}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A	RNF	REACH B	RNF
			DIV	(N _A)	DIV	(N _B)
D ₁ (H)	1	0.6				
D ₃ (J)	2	18.61**	*			
D ₄₋₉ (J)	2					
D ₁₀ (T)	3	6.56	Declined			
D ₁₁ (N)	4	2.63			3.68	
D ₃ (J)	5	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

7-13-95


CFS

- * If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)
- ** These flows may be diverted in either reach

(H) Jay Hulet
 (J) Joyce Land and Livestock, Paul Nettleton, owner/operator
 (T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator
 (N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Does Paul Nettleton (J) have stored water? / Hulet user - nicely in place
level good area good, but will lose an acre as creek continues to go down
6:30 pm. Speak to Rob O'Malley - will shut down tomorrow.

INLET - 8.38
 HULET 39.12
 JOYCE 10.00 CASH
 5.92 DRAIN
 15.92
 - 8.38
 754 shut down


 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE July 13, 1995

2:30 PM

70.476 Begin

7:30 PM End

Snake River

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

check by Connie Brandon,

67 miles 70,

Q_B 1.20 CREEK

D_{11} 2.48 NAHAS

D_{10} TYSON

Note: Show all flows in cfs.

4:15 PM Fayth wants canal cut by 3 CFS. - to 37 cfs.

AM measurement on way up

PM High flow 5.25 = 1.33' = 49.72 on way down

D_1 .60 HULET(live)

D_2 41.98 HULET(stored)

D_3 10.00 JLL

Q_M 59.58 CANAL TOTAL

Q_I 8.38 INLET

Q_A CREEK

D_4 3.30

D_5 1.81

D_6 1.81

D_7

D_8

D_9

JLL TOTAL

Dry at creek crossing
Balance
Subtle call.
Est 3.0 cfs
return to creek bed below
ranch (above highway)

Computing Natural Flows

$$\frac{.60}{D_1} + \frac{10.00}{D_3} + \frac{59.2}{Q_A} = \frac{N_A}{N_A}$$

$$\left(\frac{59.2}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.48}{D_{11}} + \frac{1.20}{Q_B} \right) - \frac{Q_A}{Q_A} = \frac{G_{A-B}}{G_{A-B}}$$

$$\frac{G_{A-B}}{G_{A-B}} + \frac{N_A}{N_A} = \frac{N_B}{N_B}$$

$$\frac{59.58}{- 3.00} = 56.58 \times 10'$$

$$\frac{18.61\ Joyce}{- 5.92\ JLL\ CREEK} = 12.69\ JLL\ CANAL$$

Tried opening & closing slide gate - still won't clean out - limbs under slide.

CB 7.13.97

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				13.9 (NA)		31.932 (NB)
D1 (H) inlet	1	0.6	0.6	13.3		18.632
D3 (J)	2	18.61**	10.*	3.3		15.332
D4-9 (J) over	2				17.021	-1.689
D10 (T) up	3	6.56			0	-1.689
D11 (N) ahas	4	2.63			4.31	-5.999
				2.48		
D3 (J) spec	5	2.46**				
D4-9 (J) spec	5					
D1 (H)	6	400.00				
D11 (N) ahas	7a	0.97				
D11 (N) ahas	7b	0.834				

- * If flow is being diverted at D3, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)
- ** These flows may be diverted in either reach

(H) Jay Hulet
 (J) Joyce Land and Livestock, Paul Nettleton, owner/operator
 (T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator
 (N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bench field not running, Jay had backhoe at inlet, some work but weir still not in. cranked down creek gate, will not go down any farther with either rock or back water pressure,

Paul called said changed plans and did not put water from canal to creek (2 cfs)

Mary M. Blackstock
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

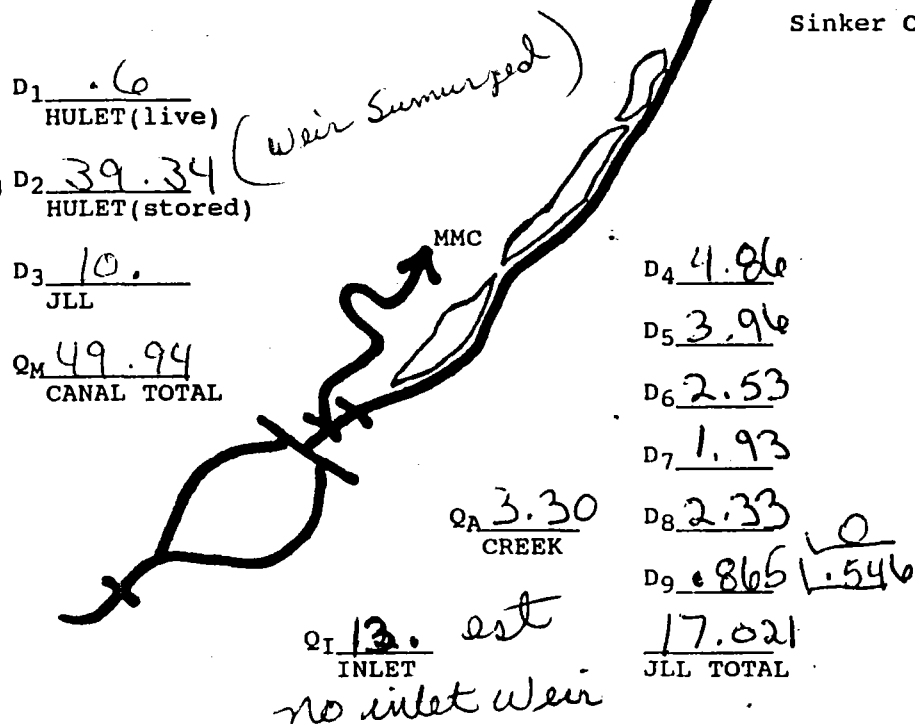
Page 1

DATE July 9-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.



Computing Natural Flows

$$\frac{.6}{D_1} + \frac{10.}{D_3} + \frac{3.30}{Q_A} = \frac{13.9}{N_A}$$

$$\frac{(17.021 + \frac{0}{D_{10}} + \frac{2.71}{D_{11}} + \frac{1.60}{Q_B}) - \frac{3.30}{Q_A}}{G_{A-B}} = \frac{18.032}{G_{A-B}}$$

$$\frac{18.032 + \frac{13.9}{N_A}}{G_{A-B}} = \frac{31.932}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				16.28 (NA)		26.08 (NB)
D ₁ (H)	1	0.6	.6	15.68		10.406
D ₃ (J)	2		10.*	5.68		4.726
	}	18.61**				
D ₄₋₉ (J)	2				10.236	-5.51
D ₁₀ (T)	3	6.56			0	-5.51
D ₁₁ (N)	4	2.63			5.25	-10.76
D ₃ (J)	5					
	}	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

June 29 Paul wants to put 2 CFS from creek to canal. Told to put creek staff at 5.51 or 5.52
Paul called back. Said were having problems with creek gate.

COMMENTS: went up with Cindy, and did weir checks and inlet flow. Also cleaned out Creek Gate.

July 7 Paul called wants to put 2 CFS from canal to creek, Tomorrow night
Told him to put creek staff at 5.96 for 7.69 CFS

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE June 30 - 95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 6
HULET(live)
 D_2 39.34
HULET(stored)
 D_3 10.
JLL
 Q_M 49.94
CANAL TOTAL

D_4 3.18
 D_5 1.40
 D_6 .832
 D_7 1.28
 D_8 2.00
 D_9 .677
 D_{10} 0
TYSON
 D_{11} 1.85
NAHAS
 Q_B 3.40
CREEK

Q_A 5.68
CREEK

Q_I 15.68 est.
INLET

no inlet weir

Sinker Creek

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{10.}{D_3} + \frac{5.68}{Q_A} = \frac{16.28}{N_A}$$

$$\frac{(10.236 + 0 + 1.85 + 3.40)}{JLL\ TOTAL\ D_{10}\ D_{11}\ Q_B} - \frac{5.68}{Q_A} = \frac{9.806}{G_{A-B}}$$

$$\frac{9.806 + 16.28}{G_{A-B}\ N_A} = \frac{26.086}{N_B}$$

44 miles
Park at coit house
went with Cindy

weir washed out
no weir

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				11.61(N _A)		24.743(N _B)
D ₁ (H)	1	0.6	0.6	11.01		13.733
D ₃ (J)	2	18.61**	8.0*	3.01		10.723
D ₄₋₉ (J)	2 }				12.492	-1.769
D ₁₀ (T)	3	6.56			0	-1.769
D ₁₁ (N)	4	2.63			3.65	-5.419
D ₃ (J)	5	2.46**				
D ₄₋₉ (J)	5 }					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied
(unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Say 6.25 another 8 cfs

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE June 28

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 39.34
HULET(stored)

D_3 8.
JLL

Q_M 47.34
CANAL TOTAL

MMC

Q_A 3.01
CREEK

Q_I 11.6 est
INLET
no inlet weir

D_4 3.93

D_5 1.64 New 3 foot
rip weirs

D_6 2.34

D_7 2.76

D_8 1.04 no weir

D_9 .965 .817

D_{10} 12.492
JLL TOTAL

D_{10} TYSON

Sinker Creek

D_{11} 2.05
NAHAS

Q_B 1.60
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{8.}{D_3} + \frac{3.01}{Q_A} = \frac{11.61}{N_A}$$

$$\frac{(12.492)}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.05}{D_{11}} + \frac{1.60}{Q_B} - \frac{3.01}{Q_A} = \frac{13.133}{G_{A-B}}$$

$$\frac{13.133}{G_{A-B}} + \frac{11.61}{N_A} = \frac{24.743}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				<u>11.61</u> (N _A)		<u>26.36</u> (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>11.01</u>		<u>15.35</u>
D ₃ (J)	2	18.61**	<u>8.0</u> *	<u>3.01</u>		<u>12.34</u>
D ₄₋₉ (J)	2				<u>14.01</u>	<u>- 1.67</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>- 1.67</u>
D ₁₁ (N)	4	2.63			<u>3.75</u>	<u>- 5.42</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: June 23 Cindy came up said she put about 28 cfs in canal. Said creek had not been changed and stuff was close to 5.88 = 4.21 cfs. my Reading on June 26, creek stuff 5.87 = 6.03 cfs. Stick on Canal Weir is .76 for 21.77 cfs. Canal stuff Reading 4.85 = 20.96 cfs + 10 cfs. Stuff should read 5.05 (Does) Stick on canal weir .77 = 31.34 cfs. (Bench field is running) Paul met up there, Told him what water dead is, he has no water in canal, and Bench field is running. He said Cindy was suppose to put it in.

Cindy's inlet figure about 13 cfs

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE June 26-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 0.6
HULET(live)

D_2 31.34
HULET(stored)

D_3 8.
JLL

Q_M 39.94
CANAL TOTAL

Q_A 3.01
CREEK

Q_I 11.6
INLET

no inlet Weir

D_4 5.13

D_5 1.76

D_6 2.67

D_7 1.80

D_8 0.776

D_9 0.664

14.01
JLL TOTAL

0.21
10.21

D_{10} 0
TYSON

D_{11} 2.05
NAHAS

Q_B 1.70
CREEK

Snake River

Sinker Creek

Computing Natural Flows

$$\frac{0.6}{D_1} + \frac{8.}{D_3} + \frac{3.01}{Q_A} = \frac{11.61}{N_A}$$

$$\frac{(14.01 + 0 + 2.05 + 1.70) - 3.01}{JLL\ TOTAL\ D_{10}\ D_{11}\ Q_B\ Q_A} = \frac{14.75}{G_{A-B}}$$

$$\frac{14.75}{G_{A-B}} + \frac{11.61}{N_A} = \frac{26.36}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				6.03 (N _A)		20.024 (N _B)
D ₁ (H)	1	0.6	<u>0</u>	6.03		20.024
D ₃ (J)	2	18.61**	<u>0</u> *	6.03		20.024 20.024
D ₄₋₉ (J)	2				16.564	20.024 3.46
D ₁₀ (T)	3	6.56			<u>0</u>	3.46 3.46
D ₁₁ (N)	4	2.63			3.46	3.46 3.46
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Jay ~~wanted~~ ^{all} water shut off, & Paul too, ^{Paul wants} ~~same~~ Same in creek

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE July 18-95
68 miles

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 0
HULET(live)

D_2 0
HULET(stored)

D_3 0
JLL

Q_M 0
CANAL TOTAL

Q_A 6.03
CREEK

Q_I 24 est.
INLET

no inlet weir

D_4 5.70

D_5 2.17

D_6 2.57

D_7 1.62

D_8 1.37

D_9 2.44

16.564
JLL TOTAL

1.40 new
1.51

D_{10} 0
TYSON

D_{11} 2.26
NAHAS

Q_B 1.20
CREEK

Snake River

Sinker Creek

Computing Natural Flows

$$\frac{0}{D_1} + \frac{0}{D_3} + \frac{6.03}{Q_A} = \frac{6.03}{N_A}$$

$$\frac{(16.564 + 0 + 2.26 + 1.20)}{JLL\ TOTAL} - \frac{6.03}{Q_A} = \frac{13.994}{G_{A-B}}$$

$$\frac{13.994}{G_{A-B}} + \frac{6.03}{N_A} = \frac{20.024}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				<u>12.13</u> (N _A)		<u>26.124</u> (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>11.53</u>		<u>14.594</u>
D ₃ (J)	2	18.61**	<u>5.5</u> *	<u>6.03</u>		<u>8.564</u>
D ₄₋₉ (J)	2 }				<u>16.564</u>	<u>- 8</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>- 8</u>
D ₁₁ (N)	4	2.63			<u>3.46</u>	<u>- 11.46</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5 }				_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: no water in bench field canal ^{staff} dropped 5.30 who suppose to be at 5.35 cranked
up, Jay said he had about 1 cfs more that night.
17th P.M. Jay left message, wants changes in morning.

Mary M. Blackish
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE June 17-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)
 D_2 35.99
HULET(stored)
 D_3 5.5
JLL
 Q_M 42.09
CANAL TOTAL

D_4 5.70
 D_5 2.17
 D_6 2.57
 D_7 1.62
 D_8 1.37
 D_9 2.44
JLL TOTAL 16.564

Q_A 6.03
CREEK

Q_I 2.24
INLET est
inlet weir

Sinker Creek

D_{10} 0
TYSON

D_{11} 2.26
NAHAS

Q_B 1.20
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{5.5}{D_3} + \frac{6.03}{Q_A} = \frac{12.13}{N_A}$$

$$\frac{(16.564 + \frac{0}{D_{10}} + \frac{2.26}{D_{11}} + \frac{1.20}{Q_B}) - \frac{6.03}{Q_A}}{G_{A-B}} = \frac{13.994}{G_{A-B}}$$

$$\frac{13.994}{G_{A-B}} + \frac{12.13}{N_A} = \frac{26.124}{N_B}$$

90 miles

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				12.13 (N _A)		27.532 (N _B)
D ₁ (H)	1	0.6	.6	11.53		16.002
D ₃ (J)	2	18.61**	5.5 *	6.03		9.972
D ₄₋₉ (J)	2				19.305	-9.333
D ₁₀ (T)	3	6.56			0	-9.333
D ₁₁ (N)	4	2.63			2.127	-11.46
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied
(unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Paul ordered 4.5 less in canal & 6 cfs in creek.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE June 12 - 95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)
 D_2 35.99
HULET(stored)
 D_3 5.5
JLL
 Q_M 42.09
CANAL TOTAL

MMC

D_4 6.59
 D_5 3.20
 D_6 2.00
 D_7 1.69
 D_8 .965 1.94
 D_9 1.23 1.69
19.305
JLL TOTAL

Q_A 6.03
CREEK

Q_I 23. est
INLET

no inlet Weir

Sinker Creek

D_{10} 0
TYSON

D_{11} .427
NAHAS

Q_B 1.70
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{5.5}{D_3} + \frac{6.03}{Q_A} = \frac{12.13}{N_A}$$

$$\frac{19.305}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{.427}{D_{11}} + \frac{1.70}{Q_B} - \frac{6.03}{Q_A} = \frac{15.402}{G_{A-B}}$$

$$\frac{15.402}{G_{A-B}} + \frac{12.13}{N_A} = \frac{27.532}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				19.07 (N _A)		32.03 (N _B)
D ₁ (H)	1	0.6	.6	18.47		13.562
D ₃ (J)	2		10. *	8.47		5.092
	}	18.61**				
D ₄₋₉ (J)	2				19.305	-14.213
D ₁₀ (T)	3	6.56			0	-14.213
D ₁₁ (N)	4	2.63			2.127	-16.34
D ₃ (J)	5		_____	_____		_____
	}	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00	_____	_____		
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: paul called in P.M. ordered 4.5^{cfs} less in canal & 6.00 in creek, can do in P.M. of 12th.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE June 11-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 35.99
HULET(stored)

D_3 10.
JLL

Q_M 46.59
CANAL TOTAL

MMC

D_4 6.59

D_5 3.20

D_6 2.00 weeding

D_7 1.69

D_8 9.65 1.94 No water

D_9 1.23 weeding

19.305
JLL TOTAL

Q_A 8.47
CREEK

Q_I 23. est
INLET

no inlet weir

D_{10} 0
TYSON

D_{11} 4.27
NAHAS

1.70
 Q_B 1.70
CREEK

Snake River

Sinker Creek

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{10.}{D_3} + \frac{8.47}{Q_A} = \frac{19.07}{N_A}$$

$$\frac{(19.305 + 0 + 4.27 + 1.70) - 8.47}{Q_A} = \frac{12.962}{G_{A-B}}$$

$$\frac{12.962 + 19.07}{N_A} = \frac{32.032}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				19.47 (N _A)		38.07 (N _B)
D ₁ (H)	1	0.6	.6	18.87		19.2
D ₃ (J)	2		10. *	8.87		10.33
	}	18.61**				
D ₄₋₉ (J)	2				22.07	-11.74
D ₁₀ (T)	3	6.56			0	-11.74
D ₁₁ (N)	4	2.63			4.6	-10.33 -16.34
D ₃ (J)	5					
	}	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: put measurement in jays box, last week has not been picked up. called & informed

June 3 - Paul called Annuex machine informed he was putting water to bench field, no adjustment
just informed

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE June 2-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)
 D_2 35.99
HULET(stored)
 D_3 10.
JLL
 Q_M 46.59
CANAL TOTAL

MMC

Q_A 8.87
CREEK

Q_I 24. est.
INLET

no inlet weir

D_4 8.06
 D_5 4.22 *weir unmeasurable
Running behind*
 D_6 2.20
 D_7 1.50
 D_8 1.68 *1.97 Now weir*
 D_9 1.89 *1.35*
 D_{10} 0
TYSON
 D_{11} 3.30
NAHAS
 Q_B 1.30
CREEK

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{10.}{D_3} + \frac{8.87}{Q_A} = \frac{19.47}{N_A}$$

$$\frac{(22.87 + \frac{0}{D_{10}} + \frac{3.30}{D_{11}} + \frac{1.30}{Q_B}) - \frac{8.87}{Q_A}}{JLL\ TOTAL} = \frac{18.6}{G_{A-B}}$$

$$\frac{18.6}{G_{A-B}} + \frac{19.47}{N_A} = \frac{38.07}{N_B}$$

Sinker Creek

90 miles

Snake River

These are The Measurements Jay Hulet has Requested.

	Live	(Tays) canal	(Pauls) in canal	creek
may 12-95	.06	19.2	0	11.18
may 14-95	.06	28.39	2.4	12.97
may 17-95	.06	35.99	2.4	12.97
may 18-95	Paul put 4.5 cfs in canal from creek (phone)			8.47
may 23-95	.6	35.99	7.0	8.47
may 26-95	Paul put 3.0 cfs in canal from creek (phone)			
may 28-95	.6	35.99	10.0	8.87 cfs

Reading on way up 6.21
 Paul ordered 3 cfs more down creek
 10.0 only put in 2.66 cfs.
 Rest in canal

Put in Tays mail Box
May 28-95

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				19.47 (N _A)		33.45 (N _B)
D ₁ (H)	1	0.6	.6	18.87		14.58
D ₃ (J)	2	18.61**	10. *	8.87		5.71
D ₄₋₉ (J)	2				18.59	-12.88
D ₁₀ (T)	3	6.56			0	-12.88
D ₁₁ (N)	4	2.63			4.26	-17.14
D ₃ (J)	5	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Very little water in bench field ⁰⁷ / Res. back a Fort Lora / creek staff measurement was suppose to be set at 5.82 or 5.83 for 5.17 or 5.38 cfs. when took reading on way up Read 5.88 for 6.21 cfs. Paul ordered 3 cfs over down creek only put in 2.66 cfs and rest in canal. To make up difference of May 26. Put past measurements in Jays mail box as requested.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE May 28-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 35.99
HULET(stored)

D_3 10.
JLL

Q_M 46.59
CANAL TOTAL

MMC

D_4 5.70

D_5 3.86

D_6 2.46

D_7 1.40

D_8 1.07

D_9 1.02

Q_A 8.87
CREEK

Q_I 23. est.
INLET
*no inlet
weir*

18.59
JLL TOTAL

Sinker Creek

D_{10} 0
TYSON

D_{11} 3.06
NAHAS

Q_B 1.20
CREEK

Snake River

91 miles

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{10.}{D_3} + \frac{8.87}{Q_A} = \frac{19.47}{N_A}$$

$$\left(\frac{18.59}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{3.06}{D_{11}} + \frac{1.20}{Q_B} \right) - \frac{8.87}{Q_A} = \frac{13.98}{G_{A-B}}$$

$$\frac{13.98}{G_{A-B}} + \frac{19.47}{N_A} = \frac{33.45}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				<u>16.07</u> (N _A)		<u>33.13</u> (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>15.47</u>		<u>17.66</u>
D ₃ (J)	2	18.61**	<u>7.0</u> *	<u>8.47</u>		<u>9.19</u>
D ₄₋₉ (J)	2				<u>20.95</u>	<u>-11.76</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>-11.76</u>
D ₁₁ (N)	4	2.63			<u>4.58</u>	<u>-16.34</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS:

May 25 Paul said he wanted another 3 cfs in canal, told him to put creek staff at 5.82 or 5.83 and wants more creek water when I get chance. Put in warning of 26m Canal water)

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE May 23-95

39 miles

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 0.6
HULET(live)

D_2 35.99
HULET(stored)

D_3 7.0
JLL

Q_M 43.0 59
CANAL TOTAL

MMC

Q_A 8.47
CREEK

Q_I 36.0 est
INLET

Water from Res is Backed up & Peeking to weir

D_4 6.59

D_5 3.63

D_6 2.53

D_7 1.34

D_8 1.51

D_9 1.88

20.95
JLL TOTAL

Sinker Creek

D_{10} 0
TYSON

D_{11} 3.18
NAHAS

Q_B 1.40
CREEK

Snake River

Computing Natural Flows

$$\frac{0.6}{D_1} + \frac{7.0}{D_3} + \frac{8.47}{Q_A} = \frac{16.07}{N_A}$$

$$\frac{(20.95 + 0 + 3.18 + 1.40)}{JLL\ TOTAL} - \frac{8.47}{Q_A} = \frac{17.06}{G_{A-B}}$$

$$\frac{17.06}{G_{A-B}} + \frac{16.07}{N_A} = \frac{33.13}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				<u>15.97</u> (N _A)		<u>31.15</u> (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>15.37</u>		<u>15.78</u>
D ₃ (J)	2	18.61**	<u>2.4</u> *	<u>12.97</u>		<u>2.81</u>
D ₄₋₉ (J)	2				<u>26.21</u>	<u>-23.4</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>-23.4</u>
D ₁₁ (N)	4	2.63			<u>1.94</u>	<u>-25.34</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

Nahas water is shut off and going to River.

COMMENTS: Bunch field going Res level looks same. No overflow yet, Jay wants 7 cfs. Paul called morning of 18th. said the units to put 3.5 cfs in canal, Had 12.97 cfs in creek - 3.5 cfs stuff should read 6.05 for 9.48 cfs down creek. Paul called that night, said he put a little more in canal, for 4.5 cfs in canal and creek stuff Reading of 6.00 for 8.47 going down creek.

Note) Paul said he'll turn on sprinkler late this afternoon.

With over 30 cfs over canal weir. Weir Summeped and unable to get stick on weir with that much water.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE May 17. 95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 1.06
HULET(live)

D_2 35.99
HULET(stored)

D_3 2.4
JLL

Q_M 38.45
CANAL TOTAL

MMC

D_4 9.16

D_5 5.68 *weir unmeasurable*

D_6 1.87

D_7 1.54

D_8 1.68

D_9 2.81 *2.07 No weir*

26.21

JLL TOTAL

Q_A 12.97
CREEK

Q_I 50.
INLET

no inlet weir

D_{10} TYSON

Sinker Creek

90 miles

Q_B 1.94
CREEK

Water shut off and gain down creek

D_{11} NAHAS

Snake River

Computing Natural Flows

$$\frac{0.6}{D_1} + \frac{2.4}{D_3} + \frac{12.97}{Q_A} = \frac{15.97}{N_A}$$

$$\frac{(26.21 + 0 + 0 + 1.94)}{JLL \text{ TOTAL } D_{10} D_{11} Q_B} - \frac{12.97}{Q_A} = \frac{15.18}{G_{A-B}}$$

$$\frac{15.18}{G_{A-B}} + \frac{15.97}{N_A} = \frac{31.15}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				15.43 (N _A)		28.323 (N _B)
D ₁ (H)	1	0.6	0.6	14.83		13.493
D ₃ (J)	2	18.61**	2.4 *	12.43		1.063
D ₄₋₉ (J)	2				22.353	- 21.29
D ₁₀ (T)	3	6.56			0	- 21.29
D ₁₁ (N)	4	2.63			3.51	- 24.8
D ₃ (J)	5	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Jay called last night wants another 10 CFS, seen field on way up he said he could take another 2 CFS, Robbie said he wanted to bench field. Total on canal could plus with leakage under it.

1:15 to 1:30 pm put in.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE May 14-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .06
HULET(live)

D_2 28.39
HULET(stored)

D_3 2.4
JLL

Q_M 30.85
CANAL TOTAL

MMC

D_4 10.54

D_5 5.27

D_6 1.57

D_7 1.07

D_8 .965

D_9 1.40

Q_A 12.97
CREEK

Q_I 60. est.
INLET

no inlet weir

22.353
JLL TOTAL

Weir unmeasurable
water Dammed up before
Weir.

No weir
.769
.769

D_{10} 0
TYSON

D_{11} 3.06
NAHAS

Q_B .45
CREEK

Snake
River

Computing Natural Flows

$$\frac{.06}{D_1} + \frac{2.4}{D_3} + \frac{12.97}{Q_A} = \frac{15.43}{N_A}$$

$$\left(\frac{22.353}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{3.06}{D_{11}} + \frac{.45}{Q_B} \right) - \frac{12.97}{Q_A} = \frac{12.893}{G_{A-B}}$$

$$\frac{12.893}{G_{A-B}} + \frac{15.43}{N_A} = \frac{28.323}{N_B}$$

86 miles

Sinker Creek

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A	RNF	REACH B	RNF
			DIV		DIV	
				_____ (N _A)		_____ (N _B)
D ₁ (H)	1	0.6	_____	_____		_____
D ₃ (J)	2	18.61**	_____ *	_____		_____
D ₄₋₉ (J)	2				_____	_____
D ₁₀ (T)	3	6.56			_____	_____
D ₁₁ (N)	4	2.63			4.686	_____
D ₃ (J)	5	2.46**	_____	_____		_____
D ₄₋₉ (J)	5				_____	_____
D ₁ (H)	6	400.00	_____	_____		_____
D ₁₁ (N)	7a	0.97			_____	_____
D ₁₁ (N)	7b	0.834			_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied
(unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Jay called A.M. wanted water in P.M. Said he had 4-H beef workday didn't know what time or if he had time that night. Went down turned his water, but didn't make other checks 8:15 to 8:30 P.M. put in.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE May 12

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 1.06
HULET(live)

D_2 19.2
HULET(stored)

D_3 0
JLL

Q_M 19.26
CANAL TOTAL

MMC

Q_A 11.18
CREEK

Q_I 50.
INLET

no inlet weir

D_4 _____

D_5 _____

D_6 _____

D_7 _____

D_8 _____

D_9 _____

13.553
JLL TOTAL

D_{10} 0
TYSON

D_{11} 3.80
NAHAS

Q_B 1.886
CREEK

Snake River

Sinker Creek

Computing Natural Flows

$$\frac{\quad}{D_1} + \frac{\quad}{D_3} + \frac{\quad}{Q_A} = \frac{\quad}{N_A}$$

$$\left(\frac{\quad}{JLL\ TOTAL} + \frac{\quad}{D_{10}} + \frac{\quad}{D_{11}} + \frac{\quad}{Q_B} \right) - \frac{\quad}{Q_A} = \frac{\quad}{G_{A-B}}$$

$$\frac{\quad}{G_{A-B}} + \frac{\quad}{N_A} = \frac{\quad}{N_B}$$

SINKER CREEK WATERMASTER REPORT

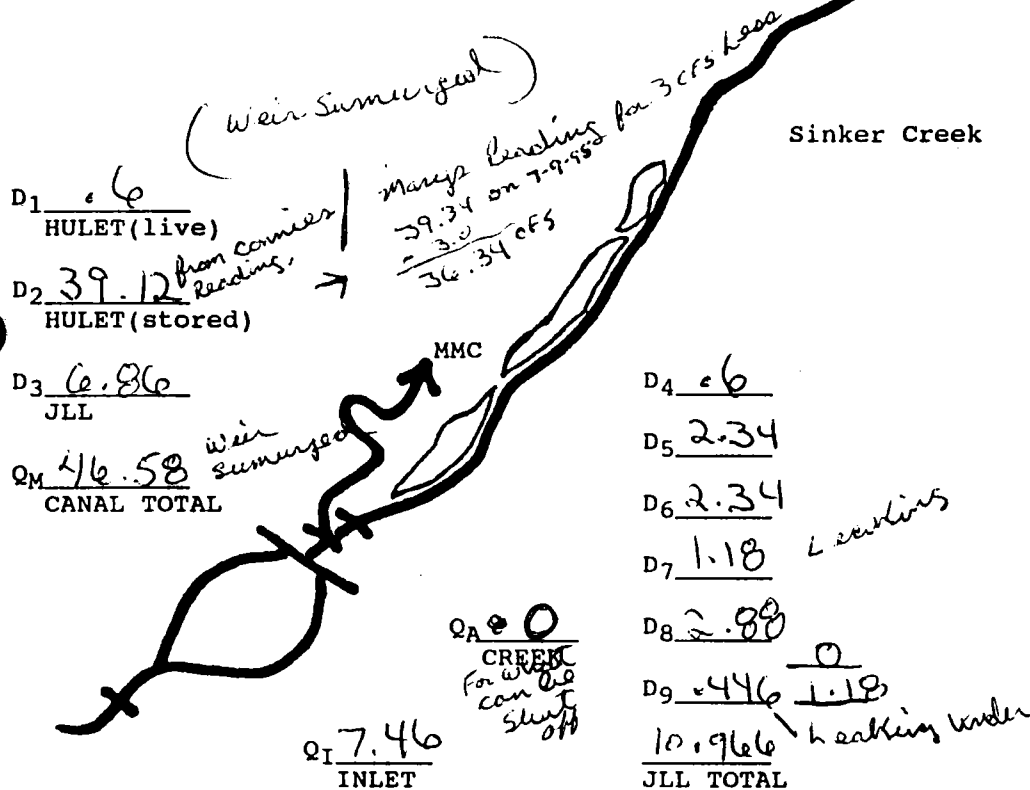
Page 1

DATE July 14-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_{1-3} and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.



Computing Natural Flows

$$\frac{.6}{D_1} + \frac{6.86}{D_3} + \frac{0}{Q_A} = \frac{7.46}{N_A}$$

$$\frac{(10.966}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.60}{D_{11}} + \frac{1.0}{Q_B}) - \frac{0}{Q_A} = \frac{14.566}{G_{A-B}}$$

$$\frac{14.566}{G_{A-B}} + \frac{7.46}{N_A} = \frac{22.026}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				7.46 (N _A)		22.026 (N _B)
D ₁ (H)	1	0.6	.6	6.86		15.166
D ₃ (J)	2		6.86 *	0		15.166
	}	18.61**				
D ₄₋₉ (J)	2				10.966	4.2
D ₁₀ (T)	3	6.56			0	4.2
D ₁₁ (N)	4	2.63			3.60	+ .6
D ₃ (J)	5					
	}	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined).

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: met Robbie on way up said he has blocked off creek (all in canal) July 16 Paul left message, They shut down 3 lines to comp for 6.86 cfs in canal.

Put all measurements from Apr 7 to July 12 in Says
Mail Box.

Mary M. Blacklocks
WATERMASTER SIGNATURE

SPEED
LETTER® 44-902

Wilson Jones Carbonless
Snap-A-Way® Forms

SPEED LETTER®

FROM

Mary Blackstock

TO

Jim Huntley, Jr.

Clerk of the District Court

OWYHEE COUNTY

Murphy, Idaho 83650

FOLD NO. 9 or 10

MESSAGE

Copy of 109 each
for the year 1995

\$2.50 due

paid by cash

DATE 7-14-95 SIGNED J. CHARTERIS

REPLY

Put copies from April 1 to July 13-95 (Front Page (back sheet)
in your mail box on July 14-95

FOLD FOR NO. 9

FOLD FOR NO. 10

DATE SIGNED

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RECIPIENT: RETAIN WHITE COPY, RETURN PINK COPY. PLEASE TURN OVER FOR USE WITH WINDOW ENVELOPE.

SINKER CREEK WATERMASTER REPORT

Page 1

DATE July 17-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows. Sign and date form.

100 miles Had Blat Tire (Fix)

Snake River

$Q_B = 786$
CREEK

$D_{11} = 2.48$
NAHAS

$D_{10} = 0$
TYSON

Note: Show all flows in cfs.

Sinker Creek

$D_1 = 0.6$
HULET(live)

$D_2 = 30.02$
HULET(stored)

$D_3 = 5.14$
JLL

$Q_M = 35.76$
CANAL TOTAL

Weir not submerged while the gate sticks on weir, for rec. Reading

MMC

$D_4 = 0.3$

$D_5 = 3.32$

$D_6 = 2.53$

$D_7 = 2.26$ *Leaking*

$D_8 = 2.40$ 0

$D_9 = 5.54$ 1.23

12.954 *Weir Leaking*
JLL TOTAL

$Q_A = 0$
CREEK

$Q_I = 5.74$
INLET

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{5.14}{D_3} + \frac{0}{Q_A} = \frac{5.74}{N_A}$$

$$\frac{(12.954 + 0 + 2.48 + 786)}{JLL \text{ TOTAL } D_{10} D_{11} Q_B} - \frac{0}{Q_A} = \frac{16.22}{G_{A-B}}$$

$$\frac{16.22}{G_{A-B}} + \frac{5.74}{N_A} = \frac{21.96}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				<u>5.74</u> (N _A)		<u>21.96</u> (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>5.14</u>		<u>16.82</u>
D ₃ (J)	2	18.61**	<u>5.14</u> *	<u>0</u>		<u>16.82</u>
D ₄₋₉ (J)	2				<u>12.954</u>	<u>3.866</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>3.866</u>
D ₁₁ (N)	4	2.63			<u>3.266</u>	<u>4.6</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5				_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97			_____	_____
D ₁₁ (N)	7b	0.834			_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bench field off, left ~~me~~ inlet measurements in Robbies pick up at shop.

Jay wants me to check every 2 days

July 18 Paul called, says done with grain field, wants to leave 3 cfs in canal & rest of 2.14 cfs down creek.
Told to set creek stop at 5.61 or 5.62

July 18 Paul called, changed mind leaving water in Mary M. Blackstock
 Canal. WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 19-55Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows. Sign and date form.

90 miles

Snake River

 Q_B 668
CREEK D_{11} 2.26
NAHAS D_{10} 0
TYSON

Note: Show all flows in cfs.

Sinker Creek

 D_1 .6
HULET(live) D_2 30.02
HULET(stored) D_3 4.87
JLL Q_M 35.49
CANAL TOTAL

MMC

 D_4 .3 D_5 3.00 D_6 2.34 D_7 2.24 D_8 2.67 D_9 5.88 D_{10} 12.478
JLL TOTAL Q_A 0
CREEK Q_I 5.47
INLETComputing Natural Flows

$$\frac{.6}{D_1} + \frac{4.87}{D_3} + \frac{0}{Q_A} = \frac{5.47}{N_A}$$

$$\frac{(12.478 + 0 + 2.26 + .668)}{JLL \text{ TOTAL } D_{11} Q_B} - \frac{0}{Q_A} = \frac{15.406}{G_{A-B}}$$

$$\frac{15.406}{G_{A-B}} + \frac{5.47}{N_A} = \frac{20.876}{N_B}$$

win leakage

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				5.47 (N _A)		20.876 (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>4.87</u>		<u>16.006</u>
D ₃ (J)	2		<u>4.87</u> *	<u>0</u>		<u>16.006</u>
	}	18.61**				
D ₄₋₉ (J)	2				<u>12.478</u>	<u>3.528</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>3.528</u>
D ₁₁ (N)	4	2.63			<u>2.928</u>	<u>+0.6</u>
D ₃ (J)	5		_____	_____	_____	_____
	}	2.46**				
D ₄₋₉ (J)	5				_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97			_____	_____
D ₁₁ (N)	7b	0.834			_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied
(unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bench Running full.

July 20 called paul informed of his 4.87 in canal, he'll have to turn Bench field
Down

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 21-95Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

91 miles

Snake River

 Q_B .443
CREEK D_{11} 2.64
NAHAS D_{10} 0
TYSON

Note: Show all flows in cfs.

Sinker Creek

 D_1 .6
HULET(live) D_2 30.02
HULET(stored) D_3 4.87
JLL Q_M 35.49
CANAL TOTAL

MMC

 D_4 .3
 D_5 3.64 Leaking D_6 1.89
 D_7 2.00 Leaking D_8 1.23
 D_9 4.23 1.02 Leaking under 10.503
JLL TOTALComputing Natural Flows

$$\frac{.6}{D_1} + \frac{4.87}{D_3} + \frac{0}{Q_A} = \frac{5.47}{N_A}$$

$$\frac{(10.503 + 0 + 2.64 + .443)}{JLL\ TOTAL} - \frac{0}{Q_A} = \frac{13.586}{G_{A-B}}$$

$$\frac{13.586 + 5.47}{G_{A-B}} = \frac{19.056}{N_B}$$

 Q_I 5.47
INLET Q_A 0
CREEK

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				5.47 (N _A)		19.054 (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>4.87</u>		<u>14.186</u>
D ₃ (J)	2	18.61**	<u>4.87*</u>	<u>0</u>		<u>14.186</u>
D ₄₋₉ (J)	2				<u>10.503</u>	<u>3.683</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>3.683</u>
D ₁₁ (N)	4	2.63			<u>3.083</u>	<u>+0.6</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bunch field shut in half. Told Robbies on way out inlet was same.
Picked up Note or Questions from Jay out of Mail Box. Jay
Cancelled. Ordered 5 cfs then called back &

May M. Blackstock
 WATERMASTER SIGNATURE

July 21-95

Mary Blackstock, Watermaster for Sinker Creek:

I appreciate your prompt delivery of the Watermaster reports for 1995. I have the following questions pertaining to them.

- 1-On your May 8th report Paul had 18.45cfs. water in the canal and 13.553 along the creek. When did he stop his water to the canal?
On your next report May 12 is when he and I started water in the canal. Paul had shut his canal water off. When did you or Paul shut it off? On May 26th you authorized Paul divert water from the creek to the canal did he make the change or did you?
- 2-On May 19th, Paul started his sprinkle pumps near the highway and your record identifies that on May 17th, Paul had 24cfs. in the canal and on ~~May~~ May 23 you upped his water in the canal to 7cfs. Do you have any other information on this period?
- 3-Cindy turned water in June 23rd, and there is no report until your 26th report. Please fill this period in.
- 4-Can you identify water deliveries beyond your July 9th report. Connie identified my water as 39.72cfs. Your July 14th report identified 39.72cfs. and your July 19th indentified 30.02cfs. Can you review this in view that I ordered 3cfs. less from Connie. Your note doesn't clarify this period.
- 5-I would appreciate receiving continuing copies of water reports as you have an opportunity to copy them.

Joe H. Hulet

July 26, 1995

Jay Hulet

In response to your questions

1- On May 8th, my records show Paula canal measurement on the way up was 18.45cfs and on the way down, I shut off to 0 cfs. On May 12th you started 19.26cfs in the canal, that was the only water in the canal.

On May 26th I authorized Paul to put 3cfs from the creek to the canal, Paul made the change.

2- On May 17th Paul had 2.4cfs in canal, on May 18th I authorized Paul to put in 4.5cfs from creek to canal, for a total of 7.0 cfs.

3- June 23rd Cindy turned approximate water 28 cfs in canal and 6.21 cfs in creek.

4-5 Hopefully copies of water reports 7-9-95 through 7-17-95 will clarify your concerns.

Mary Blackstock Watermaster 57D.

Put in Jays Mail Box 7-31-95.
Plus front page work sheets, 7-13-95 Thru
7-26-95.

SINKER CREEK WATERMASTER REPORT

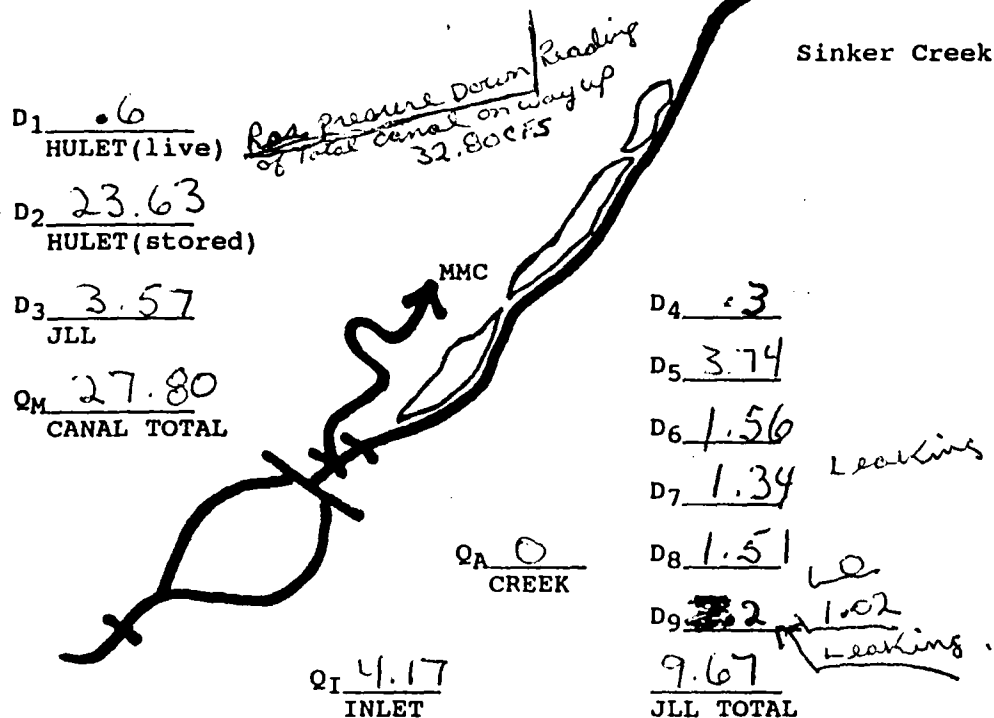
Page 1

DATE July 24-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.



Computing Natural Flows

$$\frac{.6}{D_1} + \frac{3.57}{D_3} + \frac{0}{Q_A} = \frac{4.17}{N_A}$$

$$\frac{(9.67)}{JLL \text{ TOTAL}} + \frac{0}{D_{10}} + \frac{2.71}{D_{11}} + \frac{.2}{Q_B} - \frac{0}{Q_A} = \frac{12.58}{G_{A-B}}$$

$$\frac{12.58}{G_{A-B}} + \frac{4.17}{N_A} = \frac{16.75}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				4.17 (N _A)		16.75 (N _B)
D ₁ (H)	1	0.6	.6	3.57		13.18
D ₃ (J)	2	18.61**	3.57*	0		13.18
D ₄₋₉ (J)	2				9.67	3.51
D ₁₀ (T)	3	6.56			0	3.51
D ₁₁ (N)	4	2.63			2.91	4.6
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

This morning
Jay ordered 5 cfs
less, said his water was down.

COMMENTS: Bench field full / Res pressure must be down on way up ^{Reading} for Total canal was
32.80 cfs
- 4.17 inlet
= 28.63
- 5.00 less for
say
23.63 stored

Told Robbie on way out of their 3.57 cfs measurement, he'll
shut off Bench field.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE July 26 - 95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_{1-3} and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 0.6
HULET(live)

D_2 23.63
HULET(stored)

D_3 2.62
JLL

Q_M 26.85
CANAL TOTAL

Q_I 3.22
INLET

Q_A 0
CREEK

D_4 0.3

D_5 3.44

D_6 2.01

D_7 1.34 *leaking*

D_8 1.84

D_9 0.2 0.998

10.128
JLL TOTAL

D_{10} 0
TYSON

D_{11} 2.71
NAHAS

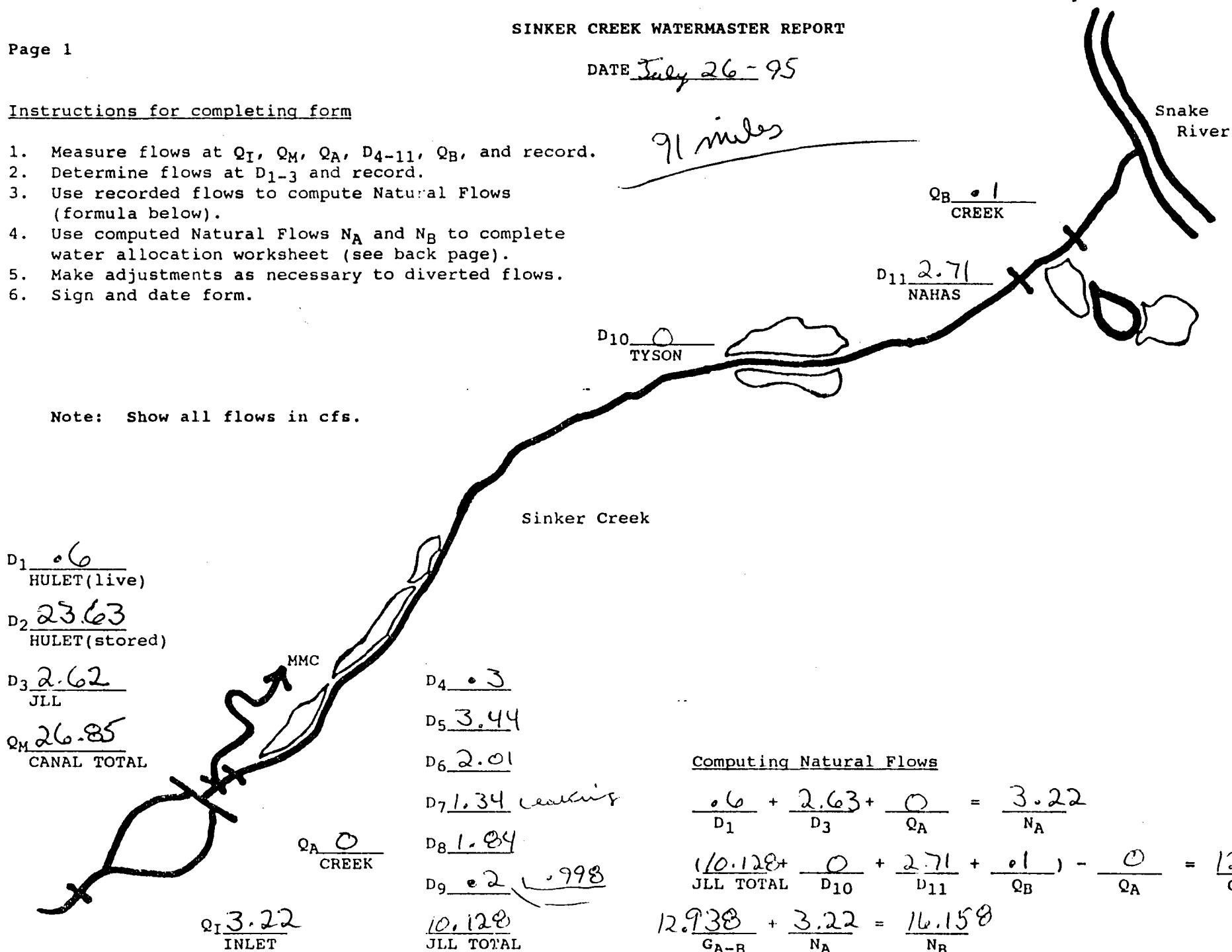
Q_B 0.1
CREEK

Computing Natural Flows

$$\frac{0.6}{D_1} + \frac{2.63}{D_3} + \frac{0}{Q_A} = \frac{3.22}{N_A}$$

$$\frac{10.128}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.71}{D_{11}} + \frac{0.1}{Q_B} - \frac{0}{Q_A} = \frac{12.938}{G_{A-B}}$$

$$\frac{12.938}{G_{A-B}} + \frac{3.22}{N_A} = \frac{16.158}{N_B}$$



WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				3.22 (N _A)		16.158 (N _B)
D ₁ (H)	1	0.6	<u>0.6</u>	<u>2.62</u>		<u>13.536</u>
D ₃ (J)	2	18.61**	<u>2.62*</u>	<u>0</u>		<u>13.536</u>
D ₄₋₉ (J)	2 }				<u>10.128</u>	<u>3.41</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>3.41</u>
D ₁₁ (N)	4	2.63			<u>2.81</u>	<u>+0.6</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5 }		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bench running approx. 1 cfs, informed Paul of inlet, said I didn't know what he could do with that little water past bench, informed of about 1 cfs in bench, he said he didn't know Robb had bench on. He'll probably kick pump on also heading out Paul had all spinners on.

July 27 P.M. Paul called machine, had 2 more sets on bench, put pump on, Paul talked to Jay, said Paul Run pump 6 hours, Jay talked into 8 hours.

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE July 31

90 mile

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 23.62
HULET(stored)

D_3 1.96
JLL

Q_M 26.18
CANAL TOTAL

Q_A 0
CREEK

Q_I 2.56
INLET

D_4 0

D_5 4.07 Leaking.

D_6 1.18

D_7 .887

D_8 2.00

D_9 2.40 .877

11.754
JLL TOTAL

Sinker Creek

D_{10} 0
TYSON

D_{11} 1.37
NAHAS

Q_B 1.10
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{1.96}{D_3} + \frac{0}{Q_A} = \frac{2.56}{N_A}$$

$$\frac{(11.754 + 0 + 1.37 + 1.10) - 0}{JLL\ TOTAL \ D_{10} \ D_{11} \ Q_B \ Q_A} = \frac{14.224}{G_{A-B}}$$

$$\frac{14.224}{G_{A-B}} + \frac{2.56}{N_A} = \frac{16.784}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				2.56(N _A)		16.784(N _B)
D ₁ (H)	1	0.6	.6	1.96		14.824
D ₃ (J)	2	18.61**	1.96*	0		14.824
D ₄₋₉ (J)	2				11.754	3.07
D ₁₀ (T)	3	6.56			0	3.07
D ₁₁ (N)	4	2.63			2.47	4.6
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: no water in Bench field. informed Paul of 1.96 water.

Aug 2 Paul called. has kicked on little pump into canal and running 4 hours a day, That Runs 1.8 cfs

Mary M. Blockstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE Aug 3-95

91 miles

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 23.62
HULET(stored)

D_3 1.96
JLL

Q_M 26.18
CANAL TOTAL

MMC

D_4 .04

D_5 4.07

D_6 1.18

D_7 1.00 Leaking

D_8 1.07 LO

D_9 2.40 1.776

10.896
JLL TOTAL

Q_A 0
CREEK

Q_I 2.56
INLET

Sinker Creek

D_{10} 0
TYSON

D_{11} 1.37
NAHAS

Q_B 1.06
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{1.96}{D_3} + \frac{0}{Q_A} = \frac{2.56}{N_A}$$

$$\frac{(10.896 + 0 + 1.37 + 1.06)}{JLL\ TOTAL} - \frac{0}{Q_A} = \frac{13.326}{G_{A-B}}$$

$$\frac{13.326}{G_{A-B}} + \frac{2.56}{N_A} = \frac{15.886}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				2.56 (NA)		15.886 (NB)
D ₁ (H)	1	0.6	.6	1.96		13.926
D ₃ (J)	2	18.61**	1.96*	0		13.926
D ₄₋₉ (J)	2				10.896	3.03
D ₁₀ (T)	3	6.56			0	3.03
D ₁₁ (N)	4	2.63			2.43	+0.6
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Res pressure ~~was~~ Down, on way up Reading of 25.28 cfs

Bench Running .2

Mary Ann Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE Aug 6th 95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 25.87
HULET(stored)

D_3 1.55
JLL

Q_M 28.02
CANAL TOTAL

Q_A 0
CREEK

Q_I 2.15
INLET

D_4 .04

D_5 4.18 Leaking

D_6 1.04 Leaking

D_7 2.20 Leaking

D_8 2.33 1.38

D_9 2.07 1.0

13.24
JLL TOTAL

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{1.55}{D_3} + \frac{0}{Q_A} = \frac{2.15}{N_A}$$

$$\frac{(13.24 + 0 + 0 + 1.60) - 0}{JLL\ TOTAL \quad D_{10} \quad D_{11} \quad Q_B \quad Q_A} = \frac{14.84}{G_{A-B}}$$

$$\frac{14.84}{G_{A-B}} + \frac{2.15}{N_A} = \frac{16.99}{N_B}$$

92 miles

Q_B 1.60
CREEK

D_{11} 0
NAHAS

D_{10} 0
TYSON

Sinker Creek

Snake River

MMC

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				2.15 (N _A)		16.99 (N _B)
D ₁ (H)	1	0.6	.6	1.55		15.44
D ₃ (J)	2	18.61**	1.55*	0		15.44
D ₄₋₉ (J)	2				13.24	2.2
D ₁₀ (T)	3	6.56			0	2.2
D ₁₁ (N)	4	2.63			1.60	1.6
D ₃ (J)	5	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bench off, Douglas water off, will call back to see if shut off or plugged also
water running on road to weir, Beaver. informed Robbie of 1.55 water.
Res pressure down on way up Reading of 25.28 cfs

Mary M Blackstock
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE Aug 8-95

94 miles

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 26.96
HULET(stored)

D_3 1.96
JLL

Q_M 29.52
CANAL TOTAL

MMC

D_4 .04

D_5 4.18

D_6 .768

D_7 2.81

D_8 2.33

D_9 1.88 1.865

12.873

JLL TOTAL

Q_A 0
CREEK

Q_I 2.56
INLET

Sinker Creek

D_{10} 0
TYSON

D_{11} 0
NAHAS

Q_B 1.90
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{1.96}{D_3} + \frac{0}{Q_A} = \frac{2.56}{N_A}$$

$$\frac{(12.873)}{JLL \text{ TOTAL}} + \frac{0}{D_{10}} + \frac{0}{D_{11}} + \frac{(1.90)}{Q_B} - \frac{0}{Q_A} = \frac{14.773}{G_{A-B}}$$

$$\frac{14.773}{G_{A-B}} + \frac{2.56}{N_A} = \frac{17.333}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				2.56 (N _A)		17.333 (N _B)
D ₁ (H)	1	0.6	.6	1.96		15.373
D ₃ (J)	2	18.61**	1.96 *	0		15.373
D ₄₋₉ (J)	2				12.873	2.5
D ₁₀ (T)	3	6.56			0	2.5
D ₁₁ (N)	4	2.63			1.90	+ .6
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: ~~Nahas Weir shut off, little running in Thaw Stick, called Baker's Answer Machine on 7th Still the same, water running on Rd to Weir from Beaver Branch off, left note on Paul's Door Aug 6 measurements in Say's Box not picked up.~~

Say called Ted informed he only need to check every 4 days or 2 times a week.

Mary M. Blockstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE Aug 11-95

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 .6
HULET(live)

D_2 24.03
HULET(stored)

D_3 1.55
JLL

Q_M 26.18
CANAL TOTAL

Q_A 0
CREEK

Q_I 2.15
INLET

D_4 .04

D_5 3.48 leaking

D_6 .998 leaking

D_7 1.67 leaking

D_8 1.37 0

D_9 1.92 .967

10.343
JLL TOTAL

92 miles

Q_B 1.00
CREEK

D_{11} 2.47
NAHAS

D_{10} 0
TYSON

Sinker Creek

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{1.55}{D_3} + \frac{0}{Q_A} = \frac{2.15}{N_A}$$

$$\frac{(10.343 + 0 + 2.47 + 1.00)}{JLL \text{ TOTAL } D_{10} D_{11} Q_B} - \frac{0}{Q_A} = \frac{13.813}{G_{A-B}}$$

$$\frac{13.813}{G_{A-B}} + \frac{2.15}{N_A} = \frac{15.963}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				2.15 (N _A)		15.963 (N _B)
D ₁ (H)	1	0.6	.6	1.55		14.413
D ₃ (J)	2		1.55*	0		14.413
	}	18.61**				
D ₄₋₉ (J)	2				10.343	4.07
D ₁₀ (T)	3	6.56			0	4.07
D ₁₁ (N)	4	2.63			3.47	+ .6
D ₃ (J)	5					
	}	2.46**				
D ₄₋₉ (J)	5					
D ₁ (H)	6	400.00				
D ₁₁ (N)	7a	0.97				
D ₁₁ (N)	7b	0.834				

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

(J) Joyce Land and Livestock, Paul Nettleton, owner/operator

(T) Tyson Ranch, O. K. Hackley, owner; Irene Tyson, operator

(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bench off informed Robbie & Paul of 1.55

on way up measurement for Total canal cfs was 24.39

Naylor had fixed Beaver Pond

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE

Aug 14-95

91 miles

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 0.6
HULET(live)

D_2 24.03
HULET(stored)

D_3 1.55
JLL

Q_M 26.18
CANAL TOTAL

Q_A 0
CREEK

Q_I 2.15
INLET

D_4 0.04

D_5 2.23 Leaking

D_6 1.25 Leaking

D_7 1.07 Leaking

D_8 0.865 0

D_9 1.81 1.769

8.034
JLL TOTAL

Sinker Creek

D_{10} 0
TYSON

D_{11} 3.30
NAHAS

Q_B 0.5
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D_1} + \frac{1.55}{D_3} + \frac{0}{Q_A} = \frac{2.15}{N_A}$$

$$\frac{(8.034)}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{3.30}{D_{11}} + \frac{.5}{Q_B} - \frac{0}{Q_A} = \frac{11.834}{G_{A-B}}$$

$$\frac{11.834}{G_{A-B}} + \frac{2.15}{N_A} = \frac{13.984}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				<u>2.15</u> (N _A)		<u>13.984</u> (N _B)
D ₁ (H)	1	0.6	<u>.6</u>	<u>1.55</u>		<u>12.434</u>
D ₃ (J)	2	18.61**	<u>1.55*</u>	<u>0</u>		<u>12.434</u>
D ₄₋₉ (J)	2				<u>8.034</u>	<u>4.4</u>
D ₁₀ (T)	3	6.56			<u>0</u>	<u>4.4</u>
D ₁₁ (N)	4	2.63			<u>3.8</u>	<u>+1.6</u>
D ₃ (J)	5	2.46**	_____	_____	_____	_____
D ₄₋₉ (J)	5		_____	_____	_____	_____
D ₁ (H)	6	400.00	_____	_____	_____	_____
D ₁₁ (N)	7a	0.97	_____	_____	_____	_____
D ₁₁ (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

(H) Jay Hulet

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(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: Bench Running Approx. 668

on way up total canal cfs was 16.08

cranked up Res Approx 2/3 full cranks. Res is close to empty and measurements will be dropping from now on

Aug 11 measurement still in Soys Mail Box

Aug 26 Jay called said out of water approx Aug 23. over road weir Mary M. Blackstock

Aug 28 Paul called said water out of Res Aug 15, But with water still in canal & Paul pumping water at Highway bar out over Road Weir, Aug 22.

WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

Page 1

DATE Nov 2-95

69 miles

Instructions for completing form

1. Measure flows at Q_I , Q_M , Q_A , D_4-11 , Q_B , and record.
2. Determine flows at D_1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N_A and N_B to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

Note: Show all flows in cfs.

D_1 _____
HULET(live)

D_2 _____
HULET(stored)

D_3 _____
JLL

Q_M _____
CANAL TOTAL

MMC

Q_A _____
CREEK

Q_I _____
INLET

D_4 _____

D_5 _____

D_6 _____

D_7 _____

D_8 _____

D_9 _____

JLL TOTAL

Sinker Creek

D_{10} _____
TYSON

D_{11} _____
NAHAS

Q_B _____
CREEK

Snake River

Took chain off Res House

Computing Natural Flows

$$\frac{\quad}{D_1} + \frac{\quad}{D_3} + \frac{\quad}{Q_A} = \frac{\quad}{N_A}$$

$$\left(\frac{\quad}{JLL\ TOTAL} + \frac{\quad}{D_{10}} + \frac{\quad}{D_{11}} + \frac{\quad}{Q_B} \right) - \frac{\quad}{Q_A} = \frac{\quad}{G_{A-B}}$$

$$\frac{\quad}{G_{A-B}} + \frac{\quad}{N_A} = \frac{\quad}{N_B}$$

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
				_____ (N _A)		_____ (N _B)
D ₁ (H)	1	0.6	_____	_____		_____
D ₃ (J)	2	18.61**	_____ *	_____		_____
D ₄₋₉ (J)	2 }					
D ₁₀ (T)	3	6.56			_____	_____
D ₁₁ (N)	4	2.63			_____	_____
D ₃ (J)	5	2.46**	_____	_____		_____
D ₄₋₉ (J)	5 }				_____	_____
D ₁ (H)	6	400.00	_____	_____		_____
D ₁₁ (N)	7a	0.97			_____	_____
D ₁₁ (N)	7b	0.834			_____	_____

* If flow is being diverted at D₃, then rights ranked 3, 4, and 7a must be satisfied (unless delivery is declined)

** These flows may be diverted in either reach

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(N) Nahas Ranch, R. T. Nahas, owner; John Richard, manager

COMMENTS: _____

WATERMASTER SIGNATURE _____