

SINKER CREEK WATERMASTER REPORT

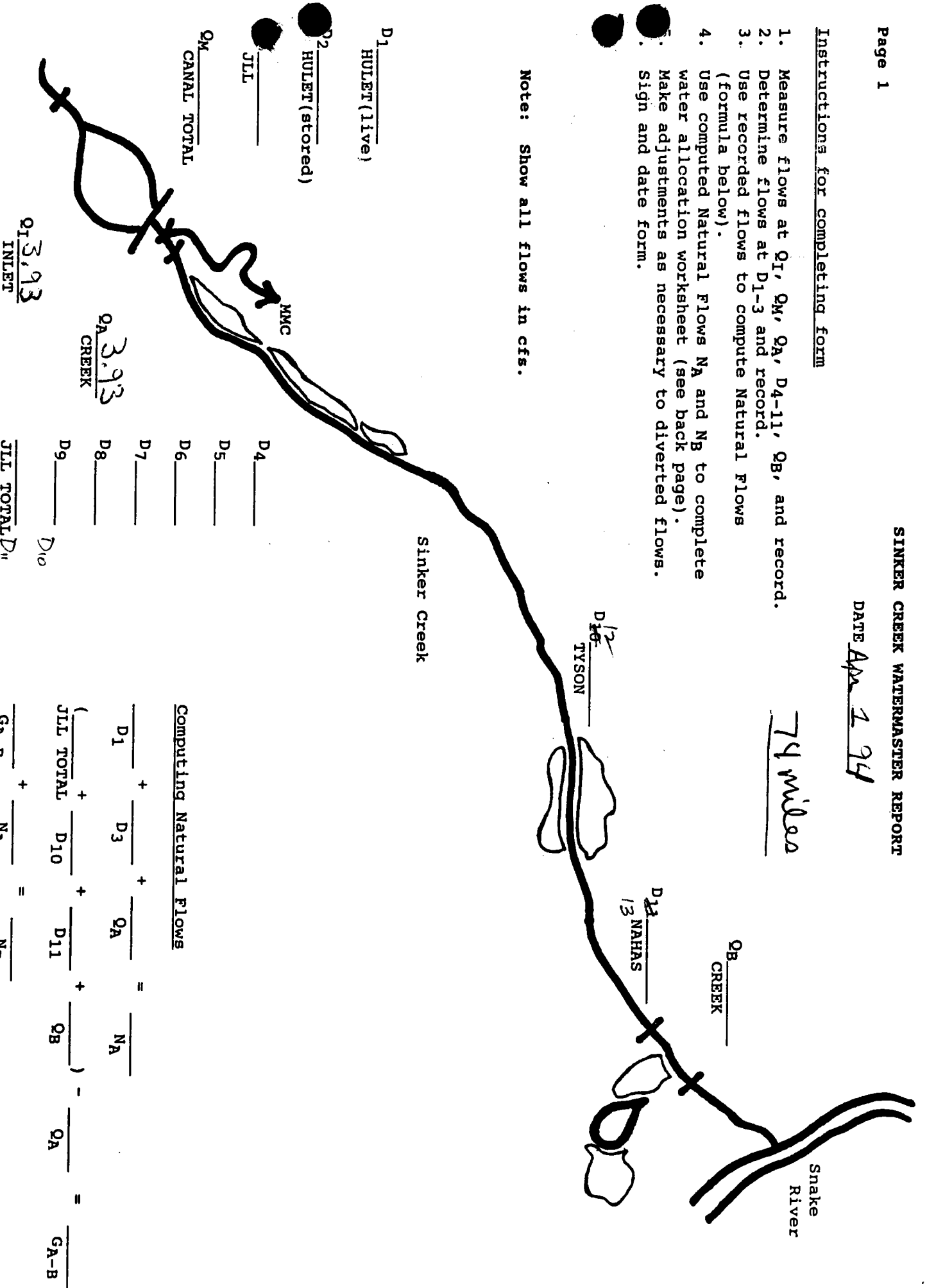
DATE Apr 1 94

Instructions for completing form

1. Measure flows at Qr, Qm, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and Ng to complete water allocation worksheet (see back page).
Make adjustments as necessary to diverted flows.
Sign and date form.

74 miles

Note: Show all flows in cfs.



D1 _____
 HULET (live)
 D2 _____
 HULET (stored)
 JLL _____
 QM _____
 CANAL TOTAL
 D4 _____
 D5 _____
 D6 _____
 D7 _____
 D8 _____
 D9 _____
 D10 _____
 JLL TOTAL "D"
 INLET

QA 3,93
CREEK

Computing Natural Flows

$$\begin{aligned}
 & \frac{D_1}{\quad} + \frac{D_3}{\quad} + \frac{Q_A}{\quad} = \frac{N_A}{\quad} \\
 & \left(\frac{\text{JLL TOTAL}}{\quad} + \frac{D_{10}}{\quad} + \frac{D_{11}}{\quad} + \frac{Q_B}{\quad} \right) - \frac{Q_A}{\quad} = \frac{G_{A-B}}{\quad} \\
 & \frac{G_{A-B}}{\quad} + \frac{N_A}{\quad} = \frac{N_B}{\quad}
 \end{aligned}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6		(NA)		(NB)
D3 (J)	2					
D4-9 (J)	2	18.61**	*			
D10 (T)	3	6.56				
D11 (N)	4	2.63				
D3 (J)	5					
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 chain has a little water running around left side of creek. Staff is not straight -> met Hulet on lead gave measurement of inlet of said water. Staff running under covered weir, He was going to work on that? chain & lock on Deer.

Mary M. Blacklocks
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE 4-1-95

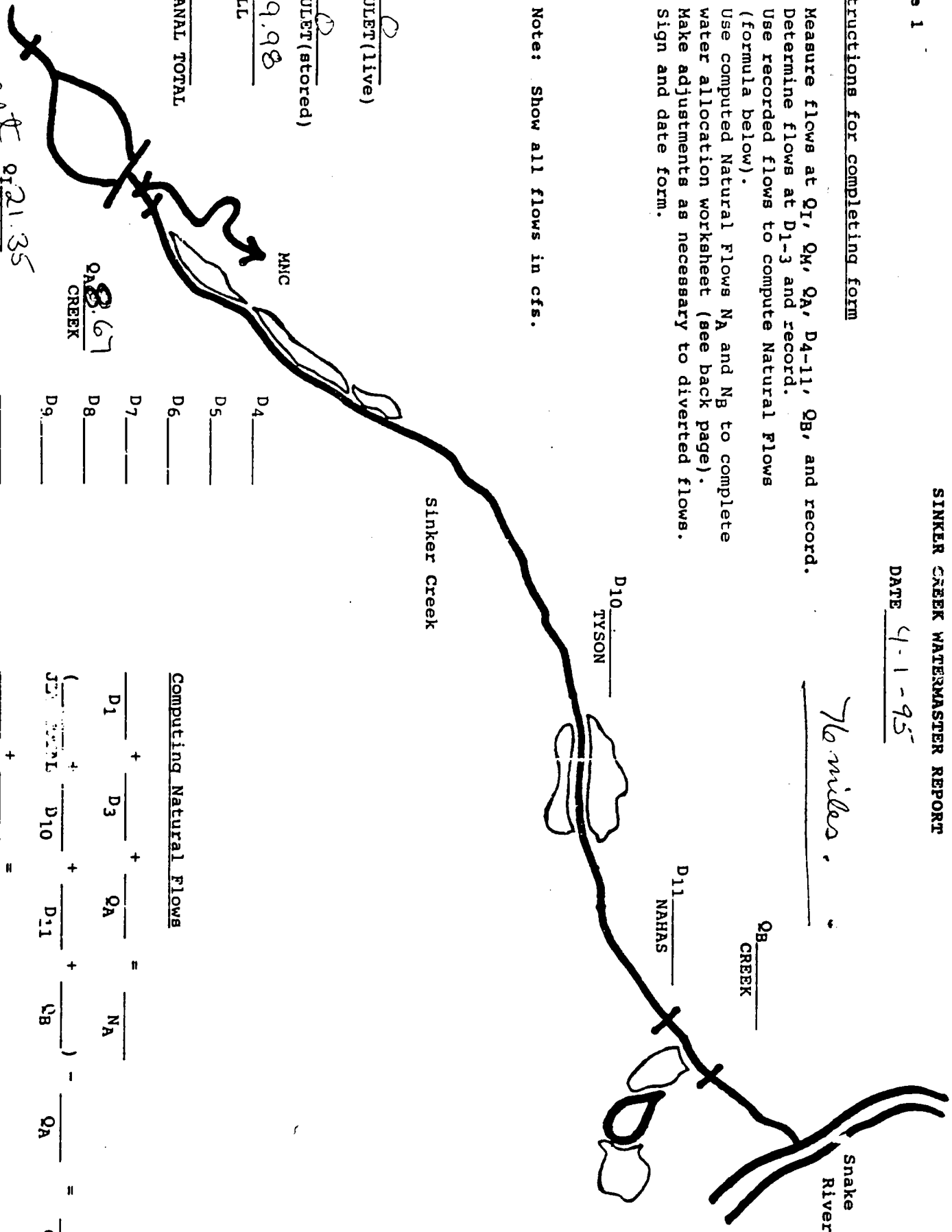
7.6 miles.

Snake River

Instructions for completing form

1. Measure flows at Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows N1 and N2 to compute water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows. Sign and date form.

Note: Show all flows in cfs.



D1 0
HULET (live)

D2 0
HULET (stored)

D3 9.98
JLL

QM _____
CANAL TOTAL

MNC

Sinker Creek

D10 _____
TYSON

D11 _____
NAHAS

QB _____
CREEK

QA 8.67
CREEK

Q1 21.35
INLET

no water

D4 _____
D5 _____
D6 _____
D7 _____
D8 _____
D9 _____
JLL TOTAL _____

Computing Natural Flows

$$\frac{D_1}{\text{D1}} + \frac{D_3}{\text{D3}} + \frac{Q_A}{\text{QA}} = \frac{N_A}{\text{NA}}$$

$$\left(\frac{D_1}{\text{D1}} + \frac{D_3}{\text{D3}} + \frac{D_{10}}{\text{D10}} + \frac{D_{11}}{\text{D11}} + \frac{Q_B}{\text{QB}} \right) - \frac{Q_A}{\text{QA}} = \frac{GA-B}{\text{GA-B}}$$

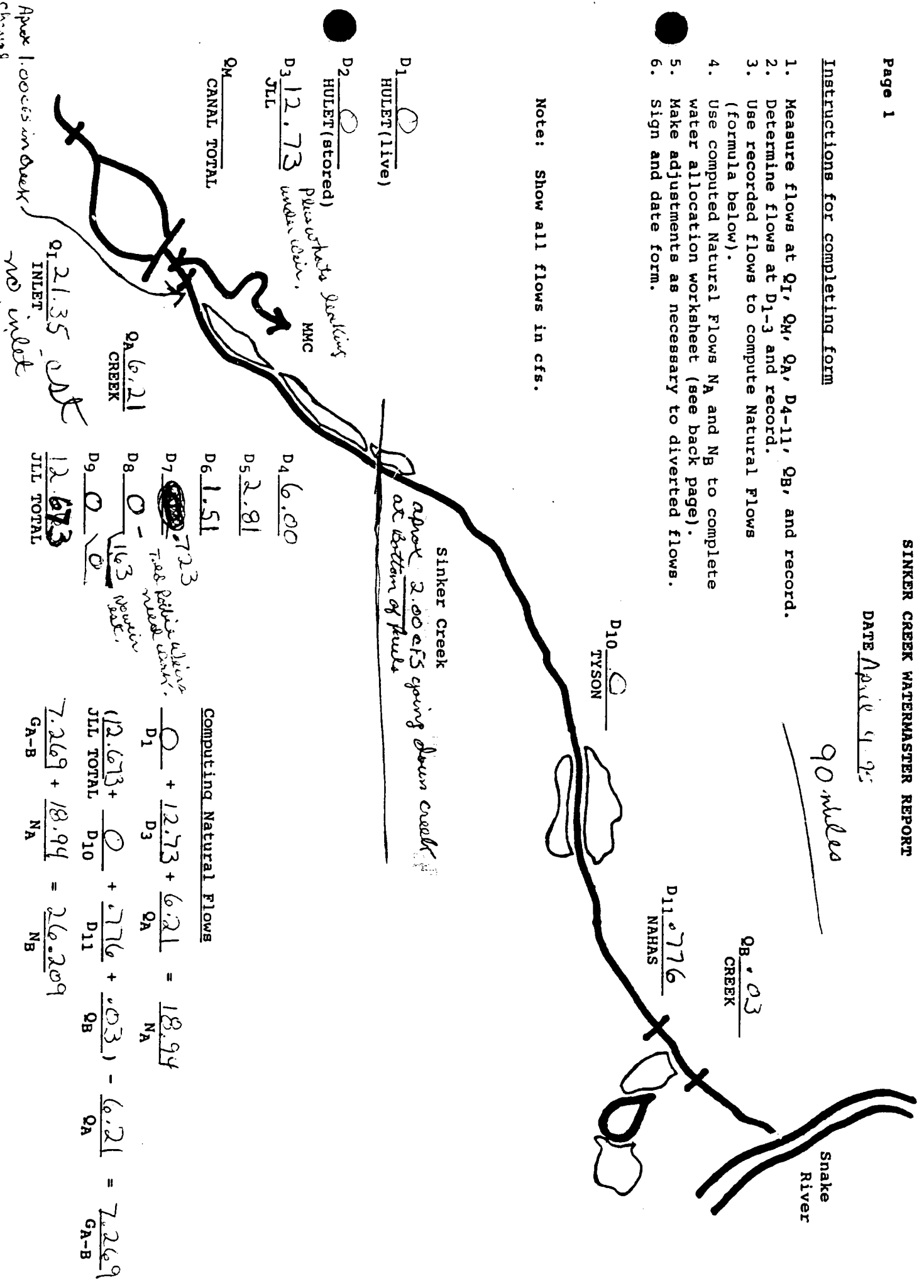
SINKER CREEK WATERMASTER REPORT

DATE April 4 95

90 miles

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.



D1 0
HULET (live)

D2 0
HULET (stored)
Pipes to be replaced under water, MMC

D3 12.73
JLL

QM
CANAL TOTAL

Sinker Creek
Approx 2.00 cfs going down creek at bottom of fields

D4 6.00

D5 2.81

D6 1.51

D7 7.23
7.08 pipes under water, need work.

D8 0
1.63 positive head.

D9 0

JLL TOTAL 12.673

QB 0.03
CREEK

D11 7.76
NAHAS

D10 0
TYSON

Computing Natural Flows

$$\frac{0}{D1} + \frac{12.73}{D3} + \frac{6.21}{QA} = \frac{18.94}{NA}$$

$$\frac{12.673}{JLL\ TOTAL} + \frac{0}{D10} + \frac{7.76}{D11} + \frac{0.03}{QB} - \frac{6.21}{QA} = \frac{7.269}{GA-B}$$

$$\frac{7.269}{GA-B} + \frac{18.94}{NA} = \frac{26.209}{NB}$$

Approx 1.00 cfs in creek
Chassis 8
no inlet

QA 6.21
CREEK

Q1 21.35
INLET

SINKER CREEK WATERMASTER REPORT

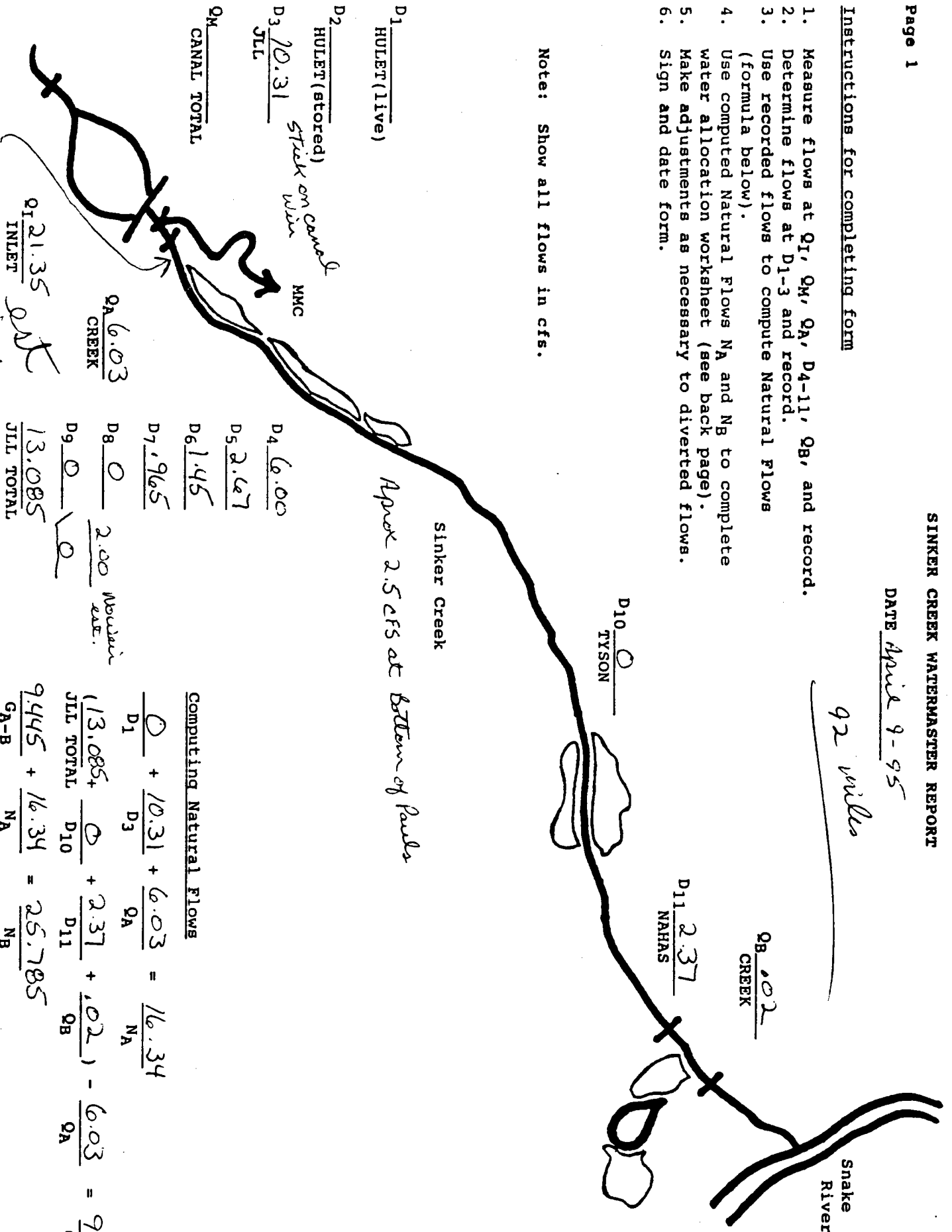
DATE April 9-95

92 miles

Instructions for completing form

1. Measure flows at Q₁, Q_M, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



Approx 100 cfs in creek channel no outlet

D₁ HULET(live)
 D₂ HULET(stored)
 D₃ 10.31 *Strike on Canal with JLL*
 Q_M CANAL TOTAL

Q₁ 21.35
 INLET *JLL*

Q_A 6.03
 CREEK

Approx 2.5 cfs at Bottom of Ponds

Sinker Creek

D₄ 6.00
 D₅ 2.67
 D₆ 1.45
 D₇ 9.65
 D₈ 0
 D₉ 0
 JLL TOTAL 13.085

2.00 *Measuring*

D₁₀ 0
 TYSON

D₁₁ 2.37
 NAHAS

Q_B 1.02
 CREEK

Snake River

Computing Natural Flows

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

$$\frac{13.085}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.37}{D_{11}} + \frac{1.02}{Q_B} - \frac{6.03}{Q_A} = \frac{9.445}{G_A-B}$$

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

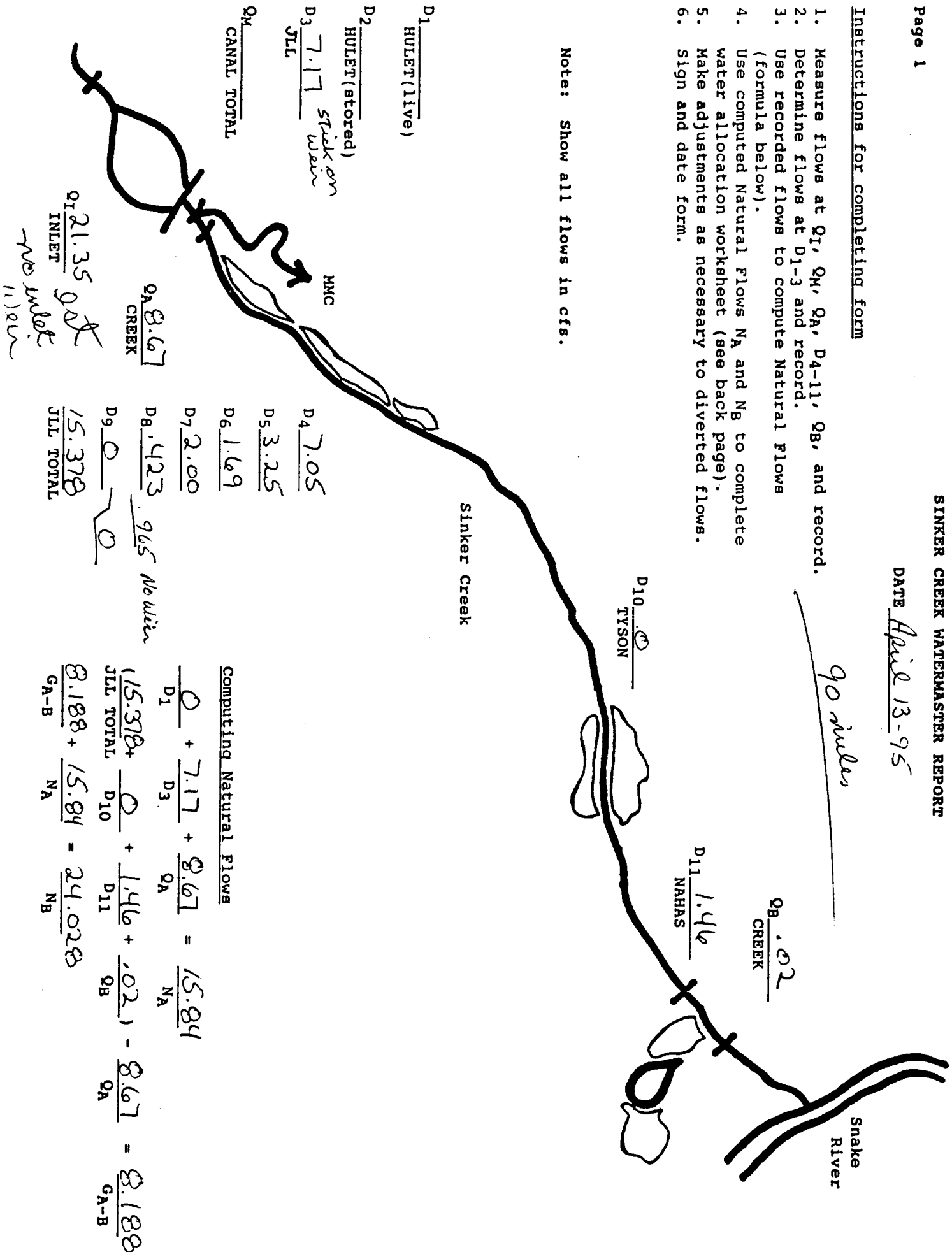
SINKER CREEK WATERMASTER REPORT

DATE April 13-95

Instructions for completing form

1. Measure flows at Q_I, Q_M, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



90 miles

D₁ HULET (live)
 D₂ HULET (stored)
 D₃ 7.17 *Strike on wire*
 Q_M CANAL TOTAL
 Q_A 8.67 *CREEK*
 Q_I 21.35 *INLET*
No inlet 11/20/94

D₄ 7.05
 D₅ 3.25
 D₆ 1.69
 D₇ 2.00
 D₈ .423 *No wire*
 D₉ 0
 JLL TOTAL 15.378

Computing Natural Flows

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

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

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

SINKER CREEK WATERMASTER REPORT

DATE April 19-95

Instructions for completing form

1. Measure flows at Q_r , 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.

94 miles

Q_B 1.00
CREEK

D_{11} 10.89
NAHAS

D_{10} 7
TYSON

Sinker Creek

D_1 0
HULET (live)

D_2 0
HULET (stored)

D_3 3.93
Stick on canal
JLL

Q_M
CANAL TOTAL

MMC

Apex 400

CFS in creek

Q_A 16.08
CREEK

Q_I 21.35
INLET

D_4 8.00

D_5 5.89

D_6 4.86

D_7 2.81

D_8 2.88

D_9 3.35

JLL TOTAL
32.24

water immediately withdrawn

water in field later

Leaking

Leaking

2.60 new in
Leaking

Computing Natural Flows

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

$$(32.24 + 2.88) + \frac{10.89}{D_{10}} + \frac{1.00}{Q_B} - \frac{16.08}{Q_A} = \frac{28.05}{G_{A-B}}$$

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

Snake River

no inlet
1995

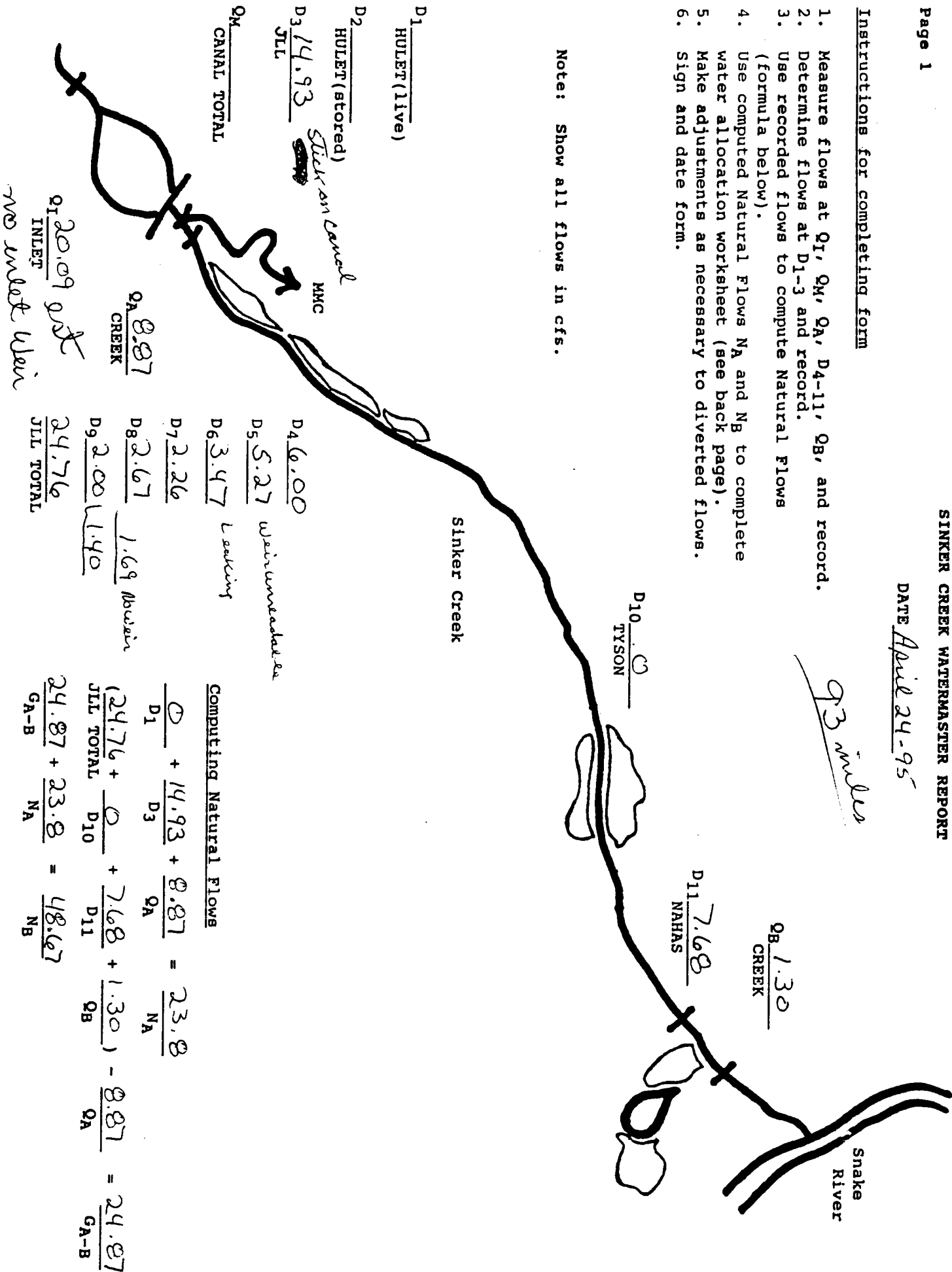
SINKER CREEK WATERMASTER REPORT

DATE April 24-95

Instructions for completing form

1. Measure flows at Q₁, Q_M, Q_A, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



D₁ HULET (live)
 D₂ HULET (stored)
 D₃ 14.93
 JLL
 Q_M CANAL TOTAL

D₄ 6.00
 D₅ 5.27
 D₆ 3.47
 D₇ 2.26
 D₈ 2.67
 D₉ 2.00
 JLL TOTAL

D₁₀ 0
 TYSON
 D₁₁ 7.68
 NAHAS
 Q_B 1.30
 CREEK

Q₁ 20.09
 INLET
 no inlet when

Q_a 8.87
 CREEK

D₄ 6.00
 D₅ 5.27
 D₆ 3.47
 D₇ 2.26
 D₈ 2.67
 D₉ 2.00
 JLL TOTAL

Computing Natural Flows

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

$$\frac{24.76}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{7.68}{D_{11}} + \frac{1.30}{Q_B} - \frac{8.87}{Q_A} = \frac{24.87}{G_A-B}$$

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

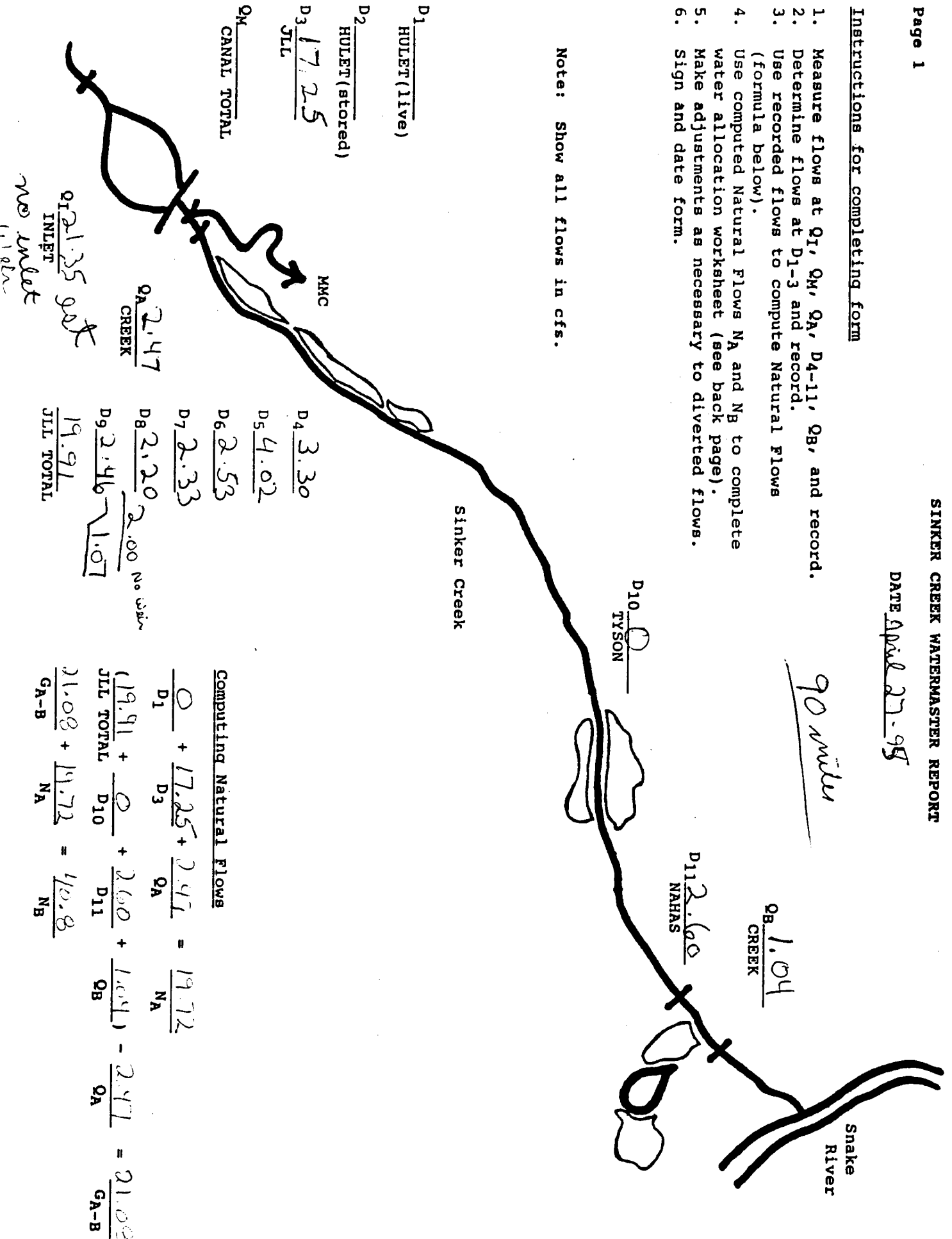
SINKER CREEK WATERMASTER REPORT

DATE April 27, 98

Instructions for completing form

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and Ng 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.



D1 HULET (live)
 D2 HULET (stored)
 D3 JLL
 QM CANAL TOTAL

Q1 21.35 gals
 INLET
 no inlet
 11/18/98

QA 2.47
 CREEK
 D4 3.30
 D5 4.02
 D6 2.53
 D7 2.33
 D8 2.20
 D9 2.46
 JLL TOTAL 19.91

2.00 No. 3/31/98

Computing Natural Flows

$$\frac{0}{D1} + \frac{17.25}{D3} + \frac{2.47}{QA} = \frac{19.72}{NA}$$

$$\frac{19.91}{JLL\ TOTAL} + \frac{0}{D10} + \frac{2.60}{D11} + \frac{1.04}{QB} - \frac{2.47}{QA} = \frac{21.08}{GA-B}$$

SINKER CREEK WATERMASTER REPORT

DATE May 20 1995

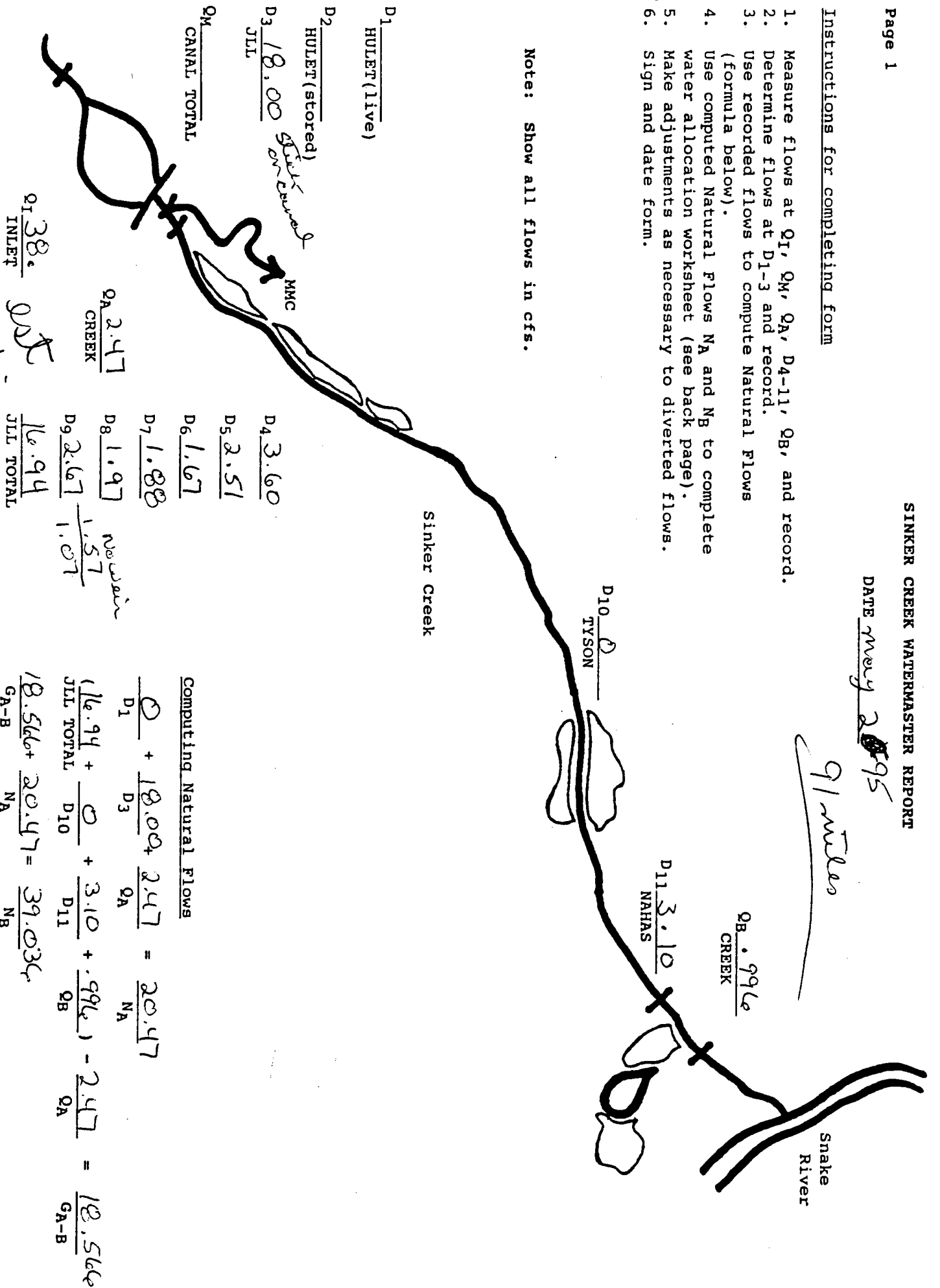
91 miles

Snake River

Instructions for completing form

1. Measure flows at Q1, QM, QA, QN, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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

$$\frac{Q_1}{D_1} + \frac{18.00 + 2.47}{D_3} = \frac{20.47}{N_A}$$

$$\frac{16.94}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{3.10}{D_{11}} + \frac{.996}{Q_B} - \frac{2.47}{Q_A} = \frac{18.566}{G_A-B}$$

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

D1 HULET (live)
 D2 HULET (stored)
 D3 18.00 JLL
 QM CANAL TOTAL
 QN CREEK
 MMC
 Sinker Canal
 Sinker Creek
 TYSON
 NAHAS
 QB CREEK

Q1 38. INLET
 GA-B
 no water down

no water
 1.57
 1.07

SINKER CREEK WATERMASTER REPORT

DATE May 8-95

Instructions for completing form

1. Measure flows at Qr, Qm, Qa, Da-11, Qg, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows Na and Nb 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.

90 miles

QB 0.886
CREEK

D11 3.80
NAHAS

D10 0
TYSON

Sinker Creek

D1
HULET (Live)

D2
HULET (stored)

D3 18.45
JLL

Qm
CANAL TOTAL

*Shut on
canal*

MMC

QA 2.47
CREEK

D4 4.32

D5 1.94

D6 7.69

D7 1.88

D8 1.51

D9 1.40

JLL TOTAL 13.553

velocity

965 w/c

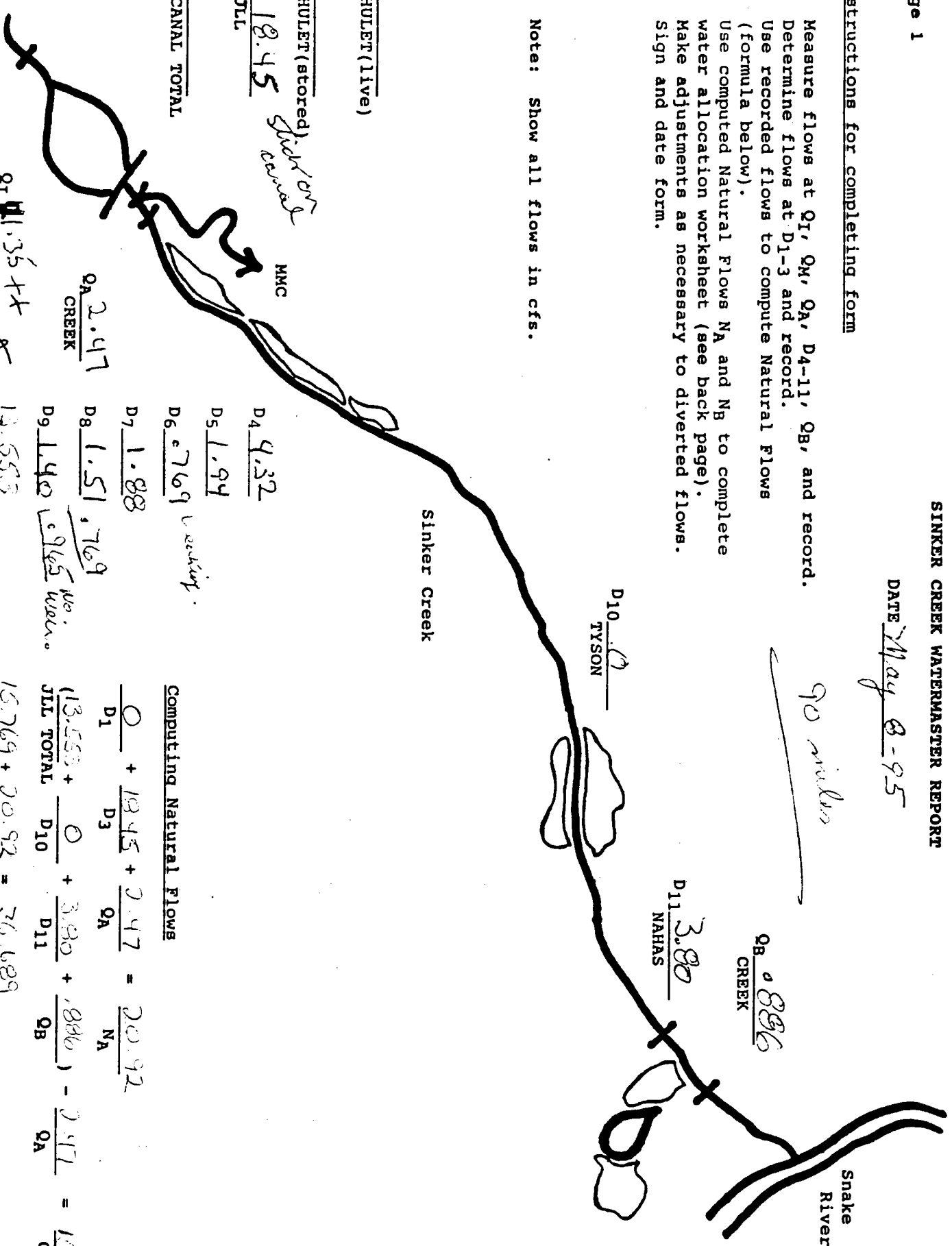
Computing Natural Flows

$$0 + \frac{1845 + 0.47}{D1} = \frac{20.92}{NA}$$

$$\frac{13.553 + 0}{JLL\ TOTAL} + \frac{3.80}{D11} + \frac{.886}{QB} - \frac{2.47}{QA} = \frac{15.769}{GA-B}$$

$$\frac{15.769 + 20.92}{GA-B} = \frac{36.689}{NB}$$

no inlet when



WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6		(NA)		(NB)
D3 (J)	2			*		
D4-9 (J)	2	18.61**				
D10 (T)	3	6.56	Declined			
D11 (N)	4	2.63			3.68	
D3 (J)	5					
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Does fault with the (D3) have stored water?

6:30 pm. Speaks to Rob Crowley - will check down stream tomorrow.
Level good over pool, but will have an open or reach conference to go on.
Hulet issues - raised in place

37.12
 10.00
 5.92
 15.92
 838
 754
 838
 754

7-13-95

James Brandon
 WATERMASTER SIGNATURE

57.20
10.40
41.98
10.60
29.10

SINKER CREEK WATERMASTER REPORT

DATE July 13, 1995

2:30 PM Beginn
7:30 PM End

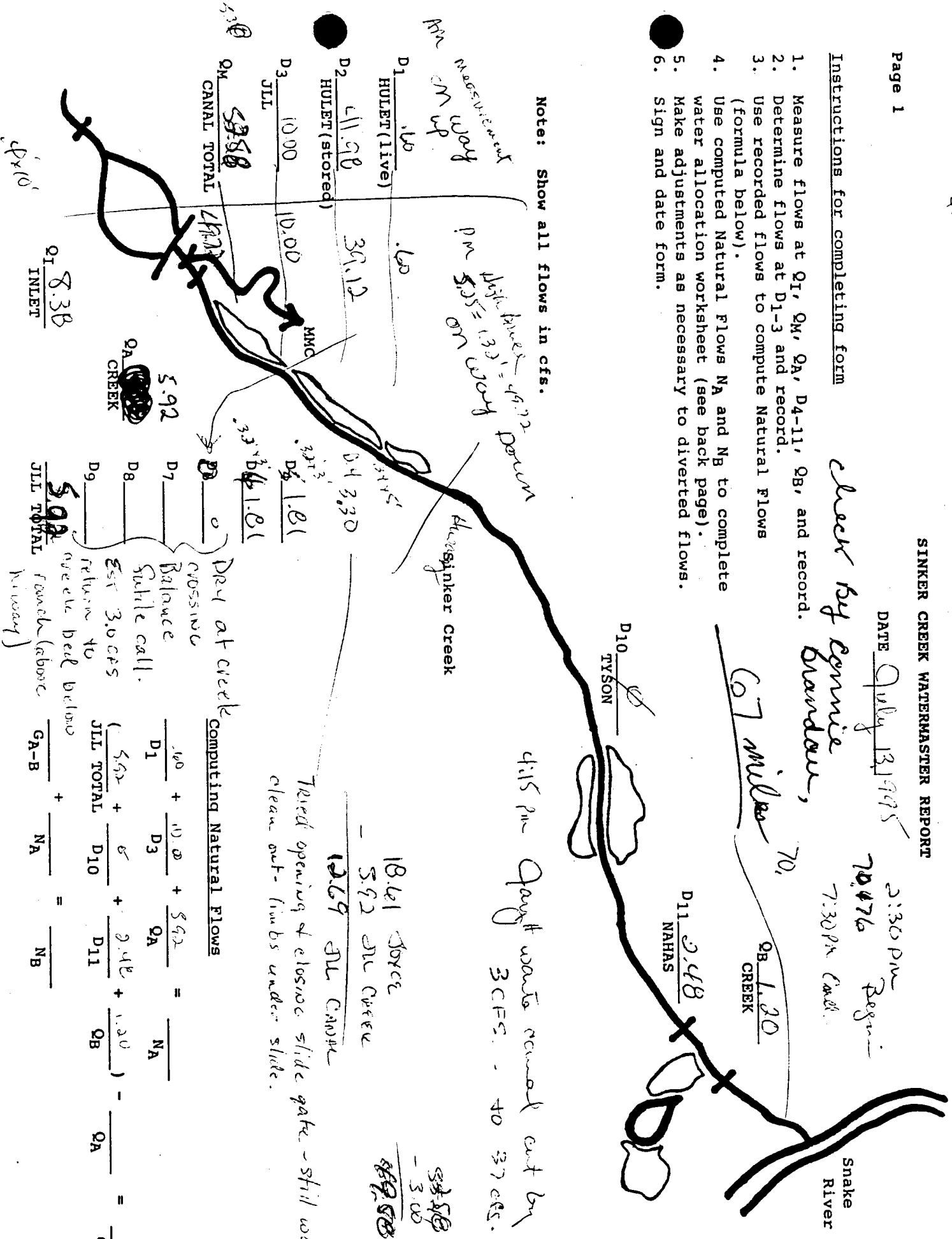
Clear by Dennis
Brewster,

67 miles 70,

QB 1.20
CREEK

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.



Measurements
 D1 HULET (live) 1.00
 D2 HULET (stored) 41.98
 D3 JLL 10.00
 QM CANAL TOTAL 57.50
 Q1 INLET 8.38

D4 3.30
 D5 1.81
 D6 1.81
 D7
 D8
 D9
 JLL TOTAL 5.92

Dry at creek
 crossing
 Balance
 Stable call.
 EST 3.00 cfs
 return to
 creek bed below
 ranch (above
 nursery)

Computing Natural Flows

$$\begin{aligned}
 & \frac{D1}{1.00} + \frac{D3}{10.00} + \frac{QA}{5.92} = \frac{NA}{NA} \\
 & \frac{D1}{1.00} + \frac{D3}{10.00} + \frac{QA}{5.92} + \frac{D10}{2.48} + \frac{D11}{1.20} + \frac{QB}{1.20} - \frac{QA}{5.92} = \frac{GA-B}{GA-B}
 \end{aligned}$$

18.61 force
 5.92 all creek
 12.69 all canal

57.50
 - 3.00
 54.50 = 5.31
 x 10'

415 pm pump water removed out by
 3 CFS - to 37 cfs.

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H) ALFA	1	0.6	0.6	13.9 (NA)		31.932 (NB)
D3 (J)	2		10.0*	3.3		18.632
D4-9 (J) ALFA	2	18.61**			17.021	-1.689
D10 (T) ALFA	3	6.56		0		-1.689
D11 (N) ALFA	4	2.63		4.31		-5.999
D3 (J) ALFA	5					
D4-9 (J) ALFA	5	2.46**				
D1 (H)	6	400.00				
D11 (N) ALFA	7a	0.97			1.20	
D11 (N) ALFA	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: Bank full not becoming any had backflow at inlet, some work but when still not in. Crammed-down creek gate, will not get down every far as will also rock on bank water present.

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

Mary M. Blacklocks
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

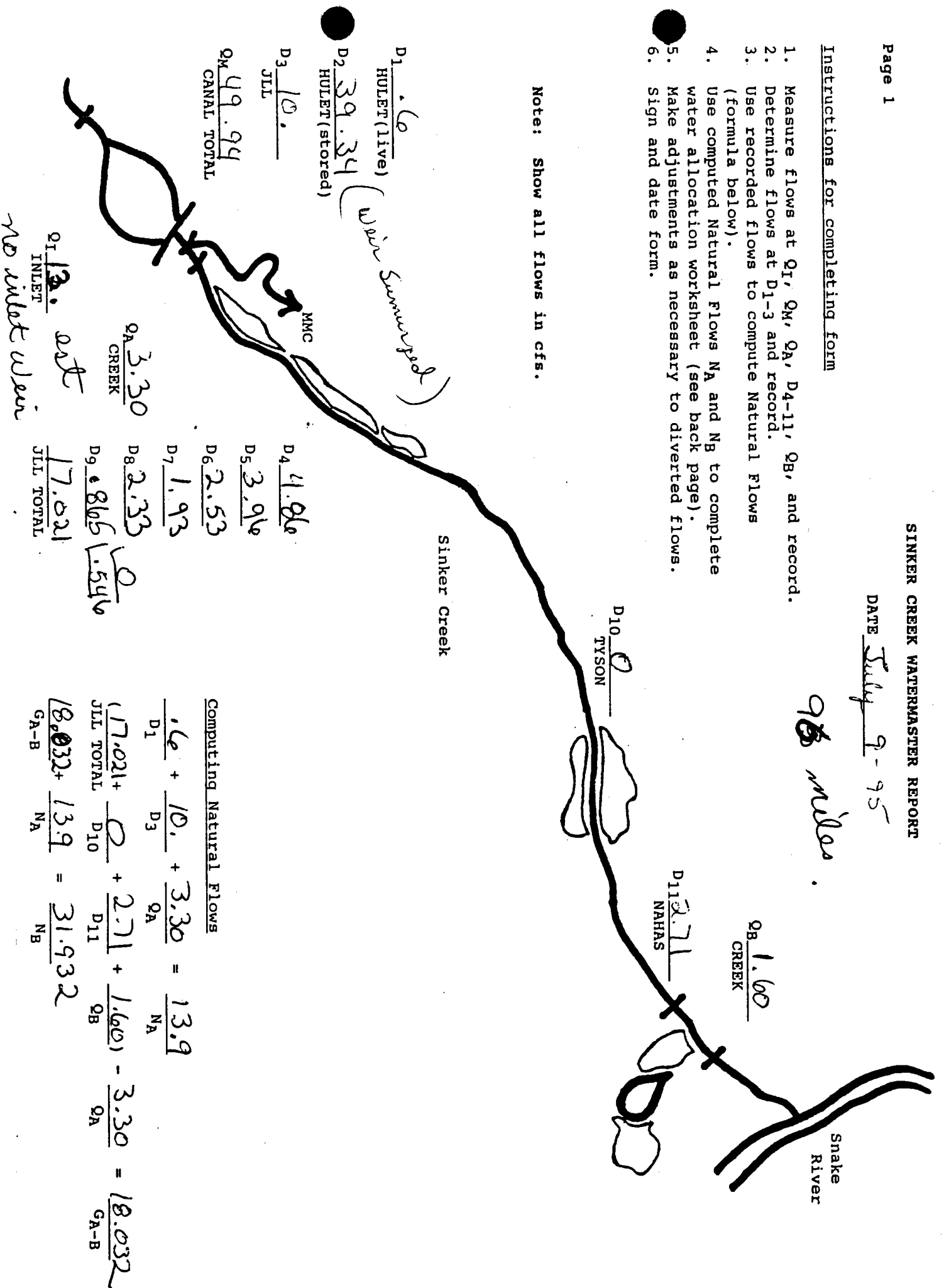
DATE July 9-95

9.8 miles.

Instructions for completing form

1. Measure flows at Q_I, Q_M, Q_A, Q_B, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



D₁ .6
HULET (live)

D₂ 39.34
HULET (stored)

D₃ 10.
JLL

Q_M 49.94
CANAL TOTAL

(Water Summary)

Q_A 3.30
CREEK

Q_I 13.0
INLET

no inlet when

D₄ 4.86
MMC

D₅ 3.96
TYSON

D₆ 2.53
NAHAS

D₇ 1.93
D10

D₈ 2.33
D11

D₉ 8.06
CREEK

JLL TOTAL 17.021

Computing Natural Flows

$$\frac{D_1}{D_1} + \frac{D_3}{D_3} + \frac{Q_A}{Q_A} = \frac{13.9}{N_A}$$

$$\frac{17.021}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.71}{D_{11}} + \frac{1.60}{Q_B} - \frac{3.30}{Q_A} = \frac{18.032}{GA-B}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	15.68	10.406	26.086(NB)
D3 (J)	2	18.61**	10.*	5.68	4.726	
D4-9 (J)	2	18.61**			10.236	-5.51
D10 (T)	3	6.56			0	-5.51
D11 (N)	4	2.63			5.25	-10.76
D3 (J)	5	2.46**				
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: vent up with Cindy and did their checks and inlet flow. Also cleaned out Creek Gate.

Since 29 Paul wants to put 2 cfs from creek to canal. Told to put creek still at 5.51 or 5.52. Paul called back. said we having problems with creek gate.

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

Mary M. Blacklocks
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE June 30-95

Instructions for completing form

1. Measure flows at Q1, QM, QA, QN, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.

*44 miles
part of central valley
went with Cindely
QB 3.40
CREEK*

D1 1.6
HULET (live)
D2 39.34
HULET (stored)
D3 10.
JLL
QM 49.94
CANAL TOTAL

*Q1 15.68 out
INLET*

*QA 5.68
CREEK*

D4 3.18
D5 1.40
D6 832
D7 1.28
D8 2.08
D9 6.77
JLL TOTAL

*water worked out
Necessary*

Computing Natural Flows

$$.6 + \frac{10.}{D3} + \frac{5.68}{QA} = \frac{16.28}{NA}$$

$$\frac{10.236}{JLL\ TOTAL} + \frac{0}{D10} + \frac{1.85}{D11} + \frac{3.40}{QB} - \frac{5.68}{QA} = \frac{9.806}{GA-B}$$

Sinker Creek

D10 0
TYSON

D11 1.85
NAHAS

Snake River

no inlet van

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	11.01		13.733
D3 (J)	2		8.0*	3.01		10.723
D4-9 (J)	2	18.61**				12.492
D10 (T)	3	6.56				0
D11 (N)	4	2.63				3.65
D3 (J)	5					-5.419
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 client available B cfs

Mary M. Blacklock
WATERMASTER SIGNATURE

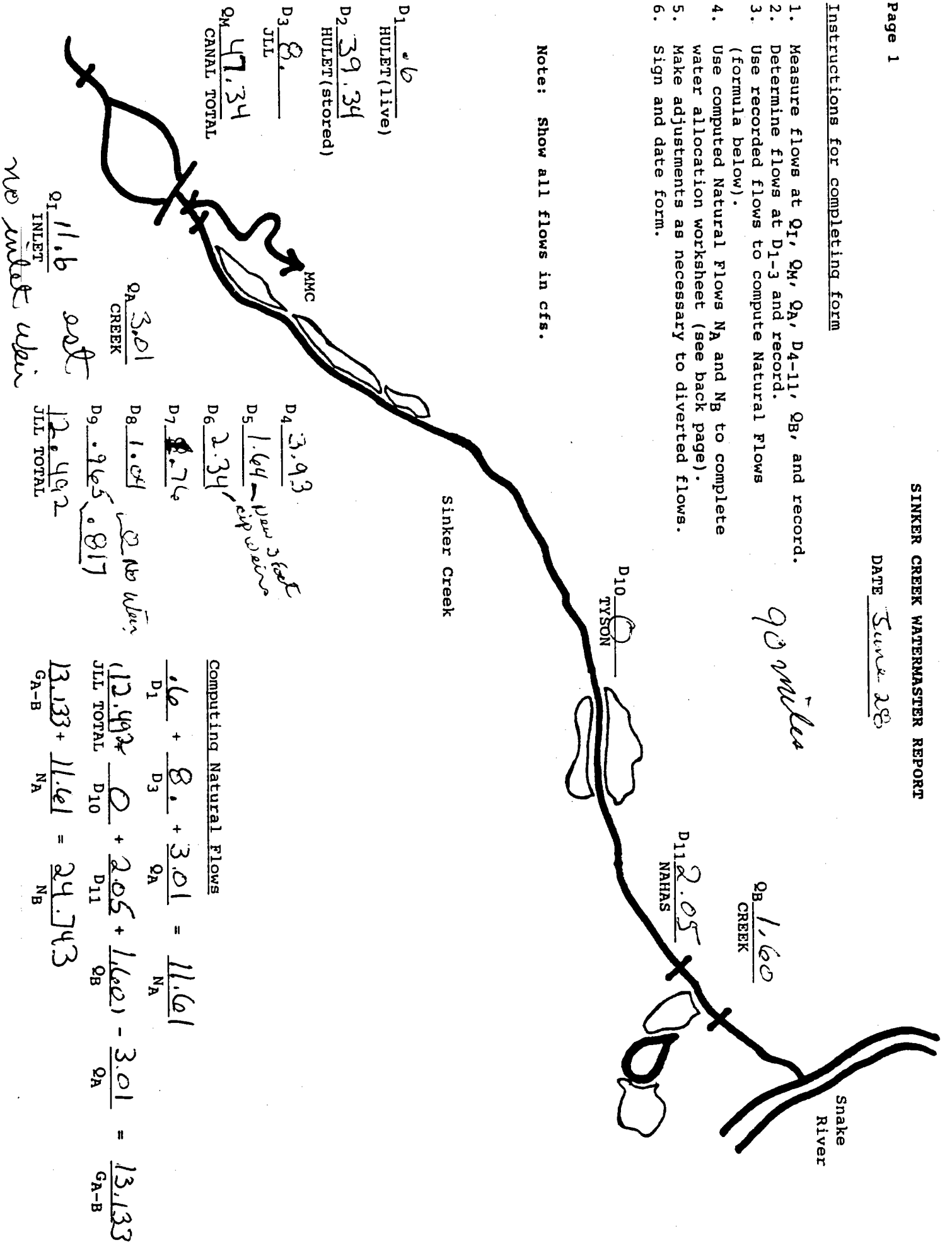
SINKER CREEK WATERMASTER REPORT

DATE June 28

Instructions for completing form

1. Measure flows at Q_I, Q_M, Q_A, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



D₁ 8.6
HULET(live)

D₂ 39.34
HULET(stored)

D₃ 8.
JLL

Q_M 47.34
CANAL TOTAL

Q_A 3.01
CREEK

Q_I 11.6
INLET
no inlet when

D₄ 3.93
D₅ 1.64 *low 3 feet*
D₆ 2.34 *low 3 feet*

D₇ 8.76

D₈ 1.04

D₉ 9.65 *no when*
0.817

JLL TOTAL
12.492

90 miles

Q_B 1.60
CREEK

D₁₁ 2.05
NAHAS

Snake River

Computing Natural Flows

$$\frac{D_1}{D_1} + \frac{D_3}{D_3} + \frac{Q_A}{Q_A} = \frac{11.61}{N_A}$$

$$\frac{12.492}{JLL\ TOTAL} \frac{D_{10}}{D_{10}} + \frac{2.05}{D_{11}} + \frac{1.60}{Q_B} - \frac{3.01}{Q_A} = \frac{13.133}{GA-B}$$

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	$\frac{.6}{11.01}$	11.01	$\frac{15.35}{26.36(NB)}$	
D3 (J)	2	18.61**	$\frac{8.0}{3.01}$ *	3.01	$\frac{12.34}{-1.67}$	
D4-9 (J)	2				$\frac{14.01}{-1.67}$	
D10 (T)	3	6.56			$\frac{0}{-1.67}$	
D11 (N)	4	2.63			$\frac{3.75}{-5.42}$	
D3 (J)	5					
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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. Steel Creek had not been changed and still was close to 588 = 6.21 cfs. my reading on June 26, canal cfs 587 = 6.33 cfs. Still on canal drain is 76 for 2177 cfs. Canal still reading 4.85 = 12.92 cfs. Staff should read 5.05 (over) still on canal drain is 97 = 31.34 cfs. (Beneath bridge in Runway) Paul met up there, told him what water does in, he has no water in canal, and Beneath bridge in Runway. He said Cindy was suppose to put it in.

Cinella inlet figure about 13 cfs

Mary M. Blackhall
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

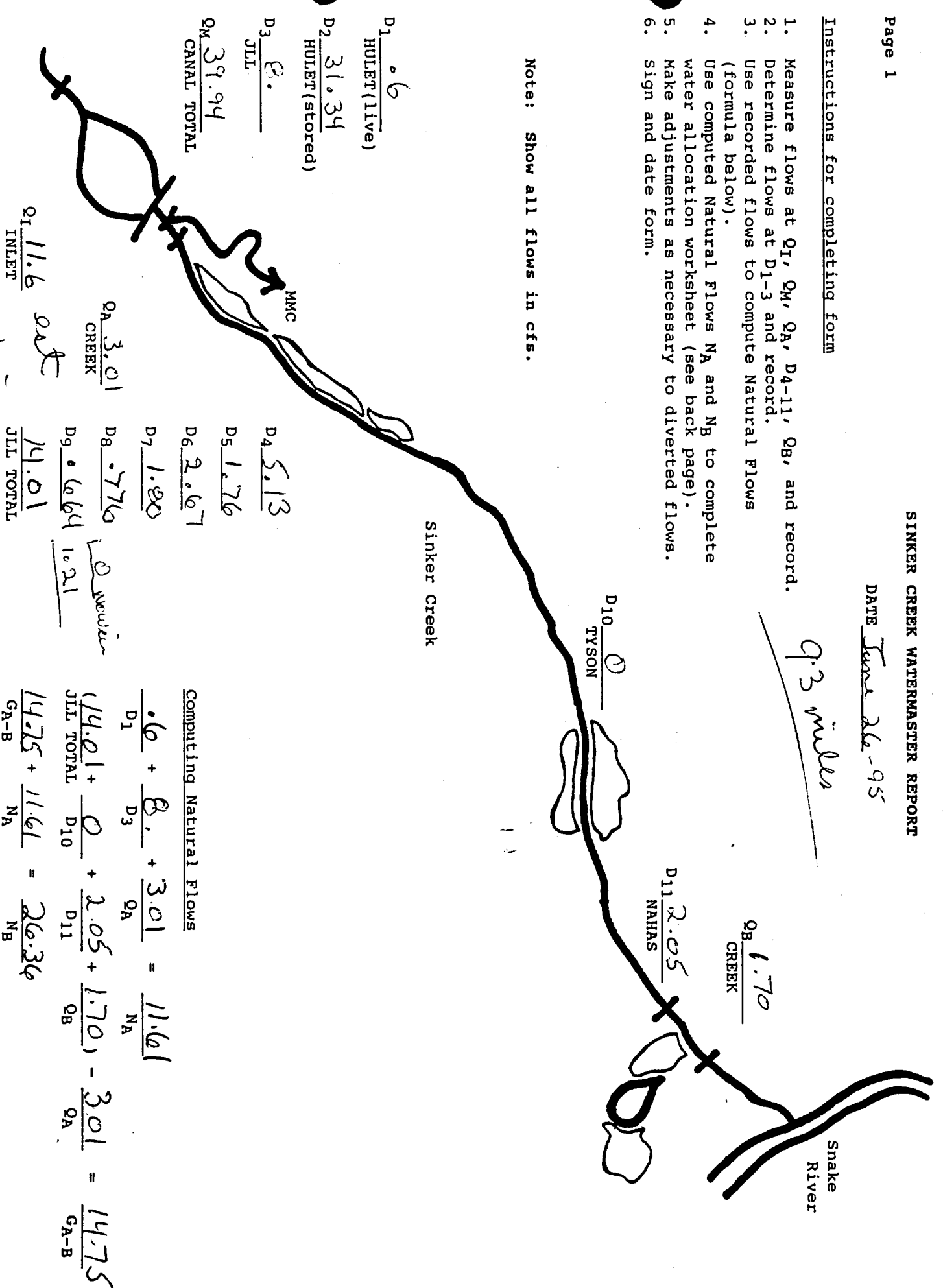
DATE June 26-95

Instructions for completing form

1. Measure flows at Q₁, Q_M, Q_A, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.

9.3 miles

Note: Show all flows in cfs.



Sinker Creek

Snake River

D₁ 0.6
HULET (live)
D₂ 31.34
HULET (stored)
D₃ 0.
JLL
Q_M 39.94
CANAL TOTAL

Q₁ 11.6
INLET
Q_A 3.01
CREEK

D₄ 5.13
D₅ 1.76
D₆ 2.07
D₇ 1.80
D₈ 7.76
D₉ 6.64
D₁₀ 0
TYSON
D₁₁ 2.05
NAHAS
Q_B 1.70
CREEK

Computing Natural Flows

$$D_1 + D_3 + \frac{Q_A}{N_A} = \frac{11.61}{N_A}$$

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

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

no inlet when

no water

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNP	DIV	RNP
D1 (H)	1	0.6	0	6.03	20.024	20.024(NB)
D3 (J)	2	18.61**	0*	6.03	20.024	20.024
D4-9 (J)	2				16.564	20.024
D10 (T)	3	6.56			0	20.024
D11 (N)	4	2.63			3.46	3.46
D3 (J)	5					20.024
D4-9 (J)	5	2.46**				20.024
D1 (H)	6	400.00				20.024
D11 (N)	7a	0.97				20.024
D11 (N)	7b	0.834				20.024

* 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: Same in creek *Paul wants*

Mary M. Blacklocks
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

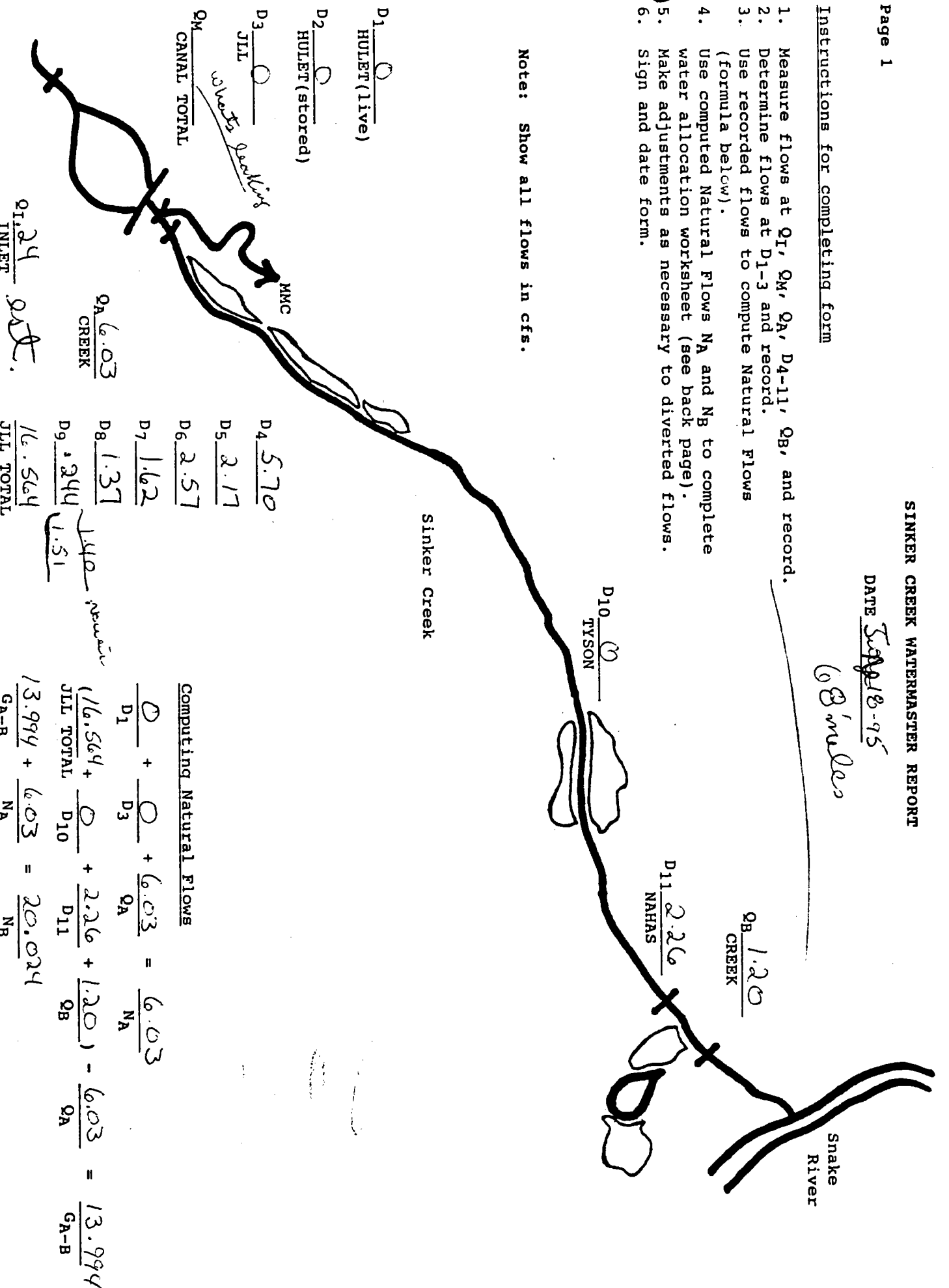
DATE Sept 18-95

63 miles

Instructions for completing form

1. Measure flows at Q_I, Q_M, Q_A, Q_B, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



$\frac{Q_{I,24}}{INLET} = 2.24$
 $\frac{Q_{A,6.03}}{CREEK}$
 $\frac{Q_{M,CANAL\ TOTAL}}$
 $\frac{D_4}{JLL\ TOTAL} = 5.70$
 $\frac{D_5}{JLL\ TOTAL} = 2.17$
 $\frac{D_6}{JLL\ TOTAL} = 2.57$
 $\frac{D_7}{JLL\ TOTAL} = 1.62$
 $\frac{D_8}{JLL\ TOTAL} = 1.37$
 $\frac{D_9}{JLL\ TOTAL} = 2.44$
 $\frac{D_{10}}{JLL\ TOTAL} = 1.51$

Computing Natural Flows

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

$$\frac{16.564}{JLL\ TOTAL} + \frac{Q}{D_{10}} + \frac{2.26}{D_{11}} + \frac{1.20}{Q_B} - \frac{6.03}{Q_A} = \frac{13.994}{GA-B}$$

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNP	DIV	RNP
D1 (H)	1	0.6	.6	11.53		
D3 (J)	2		5.5 *	6.03		
D4-9 (J)	2	18.61**				
D10 (T)	3	6.56				
D11 (N)	4	2.63				
D3 (J)	5					
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 Ranch field some staff dropped 5.30 line suppose to be at 5.35 crowded
up Jay said he had about 1.5 hrs more that night,
Jay left message, wants changes in morning.

17th P.M.

Walter M. Blackwell
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

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.

90 miles

Q_B 1.20
CREEK

D_{11} 2.26
NAHAS

D_{10} 0
TYSON

Sinker Creek

D_1 6
HULET (Live)

D_2 35.99
HULET (stored)

D_3 5.5
JLL

Q_M 42.09
CANAL TOTAL

Q_A 6.03
CREEK

Q_I 24
INLET *at*

D_4 5.70

D_5 2.17

D_6 2.57

D_7 1.62

D_8 1.37

D_9 2.44

Q_A 16.564
JLL TOTAL

1.40
Nahas

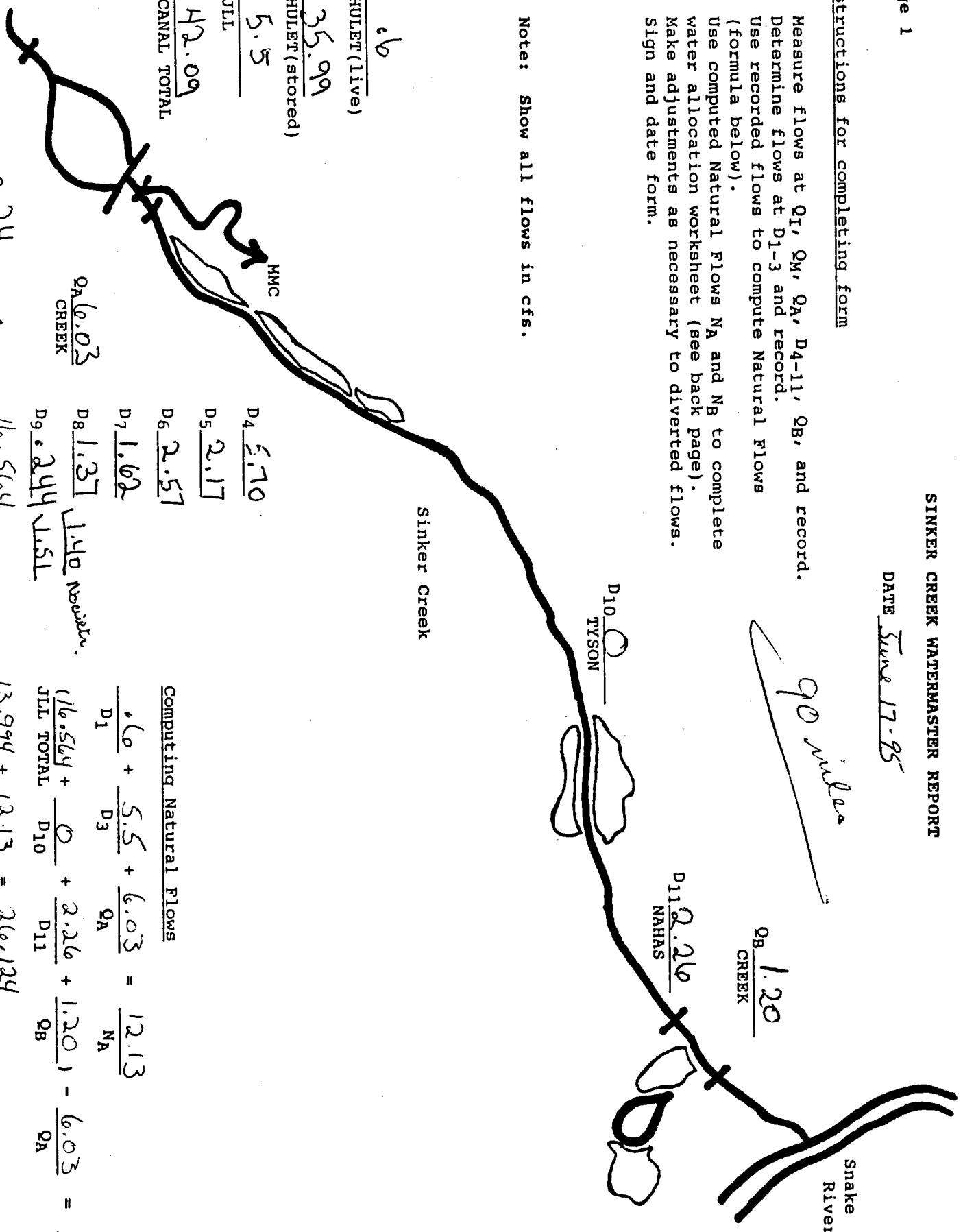
Computing Natural Flows

$$\frac{D_1}{D_1} + \frac{D_3}{D_3} + \frac{Q_A}{Q_A} = \frac{12.13}{N_A}$$

$$\frac{16.564}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.26}{D_{11}} + \frac{1.20}{Q_B} - \frac{6.03}{Q_A} = \frac{13.994}{GA-B}$$

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

at inlet



WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	.6	11.53		
D3 (J)	2	18.61**	5.5*	6.03		
D4-9 (J)	2				19.305	-9.333
D10 (T)	3	6.56			0	-9.333
D11 (N)	4	2.63			2.127	-11.46
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 45000 cfs in canal & 60 cfs in creek.

Mary M. Blackstock
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

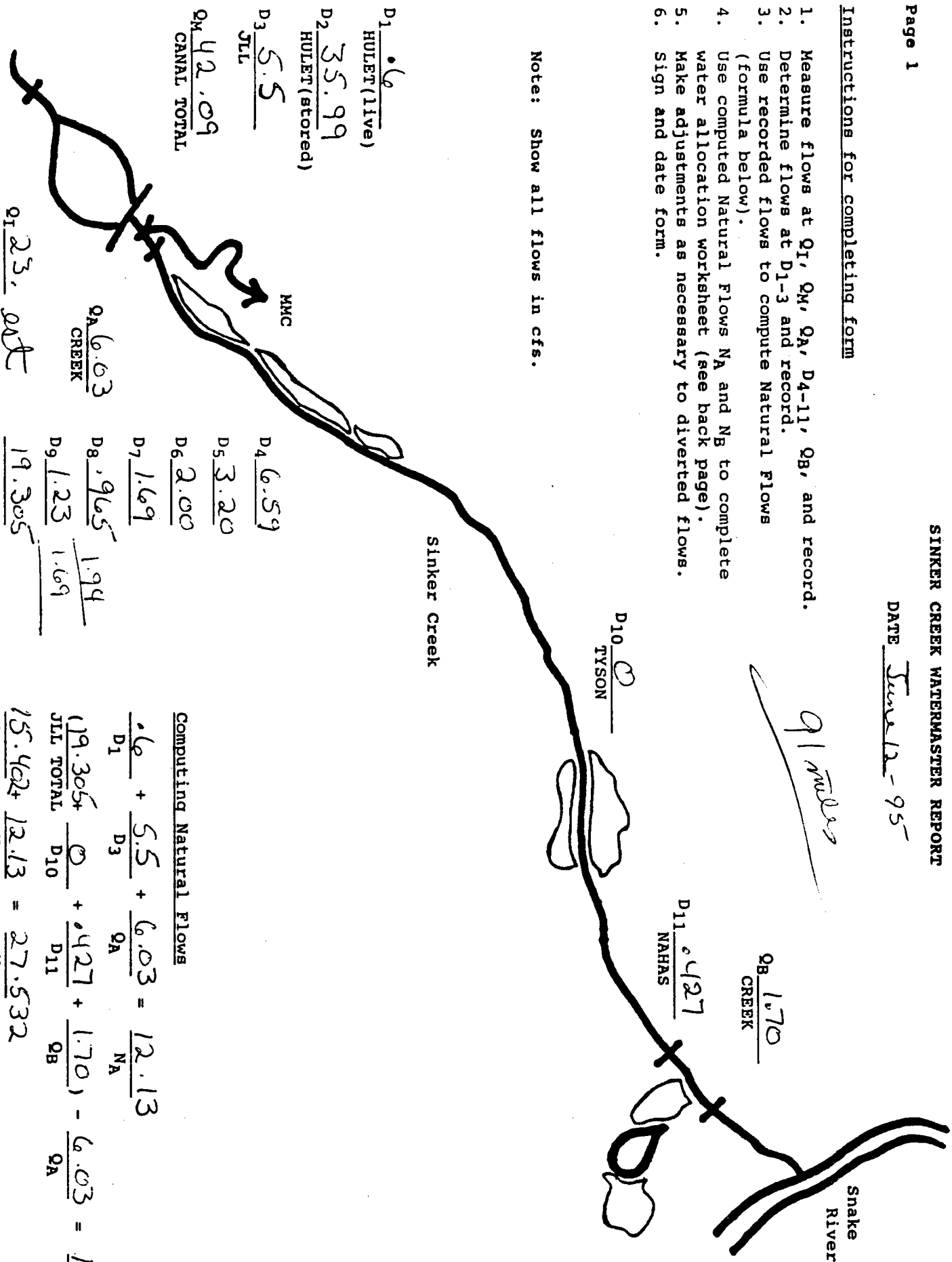
DATE June 12-95

Instructions for completing form

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.

91 miles



D1 0.6
HULET (live)
D2 35.99
HULET (stored)
D3 5.5
JLL
QM 42.09
CANAL TOTAL

QA 6.63
CREEK
D4 6.59
D5 3.20
D6 2.00
D7 1.69
D8 9.65
D9 1.23
Q1 23.00
INLET
JLL TOTAL 19.305

Computing Natural Flows

$$\frac{0.6}{D1} + \frac{5.5}{D3} + \frac{6.03}{QA} = \frac{12.13}{NA}$$

$$\frac{19.305}{JLL\ TOTAL} + \frac{0}{D10} + \frac{0.427}{D11} + \frac{1.70}{QB} - \frac{6.03}{QA} = \frac{15.402}{GA-B}$$

$$\frac{15.402}{GA-B} + \frac{12.13}{NA} = \frac{27.532}{NB}$$

no water there

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNP	DIV	RNP
D1 (H)	1	0.6	0.6	18.47	13.562	32.037 (NB)
D3 (J)	2	18.61**	10.0*	8.47	5.092	
D4-9 (J)	2				19.305	-14.213
D10 (T)	3	6.56			0	-14.213
D11 (N)	4	2.63			2.127	-16.34
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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, cum do in P.M. of 12th.

Mary M. Blacklocks
WATERMASTER SIGNATURE

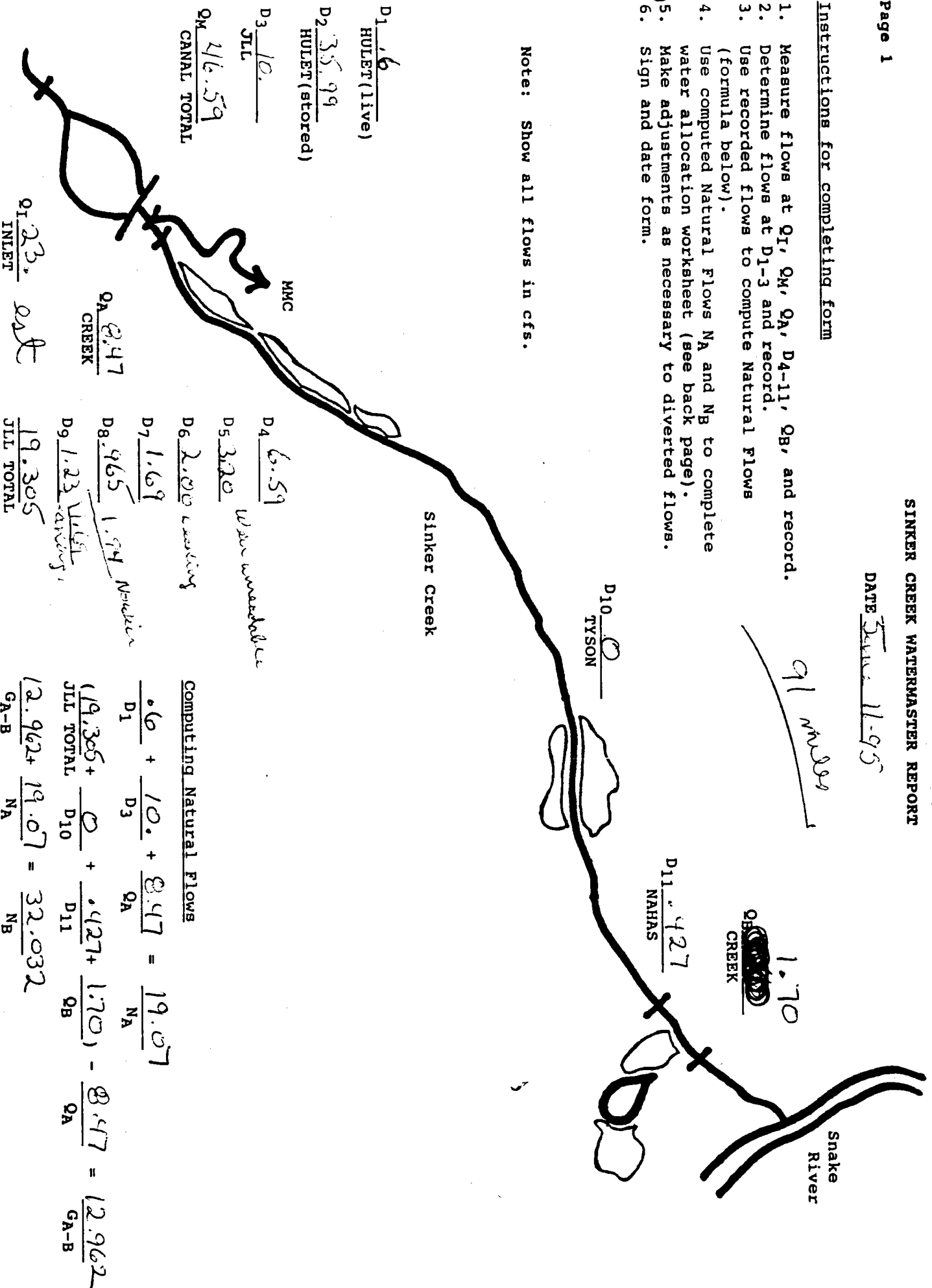
SINKER CREEK WATERMASTER REPORT

DATE June 11-95

Instructions for completing form

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.



no inlet when

$Q1 \frac{23.0}{\text{INLET}}$ *est*

$D1 \frac{1.6}{\text{HULET (live)}}$
 $D2 \frac{35.99}{\text{HULET (stored)}}$
 $D3 \frac{10.0}{\text{JLL}}$
 $QM \frac{46.59}{\text{CANAL TOTAL}}$
 $D4 \frac{6.59}{\text{Wagon Wash}}$
 $D5 \frac{3.20}{\text{Wagon Wash}}$
 $D6 \frac{2.00}{\text{crossing}}$
 $D7 \frac{1.69}{\text{Nepheline}}$
 $D8 \frac{9.65}{\text{Vents}}$
 $D9 \frac{1.23}{\text{Vents}}$
 $JLL \text{ TOTAL } \frac{19.305}{\text{JLL TOTAL}}$

Computing Natural Flows

$$D1 + \frac{D3}{D1} + \frac{QA}{D1} = \frac{19.07}{D1}$$

$$\frac{19.305}{JLL \text{ TOTAL}} + \frac{0}{D10} + \frac{4.27}{D11} + \frac{1.70}{QB} - \frac{8.47}{QA} = \frac{12.962}{GA-B}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	<u>0.6</u>	19.47 (NA)		38.07 (NB)
D3 (J)	2		<u>10.87</u>	19.87		19.2
D4-9 (J)	2	18.61**	<u>10.87</u>	8.87		10.33
D10 (T)	3	6.56			22.07 - 11.74	
D11 (N)	4	2.63			<u>0</u>	-11.74
D3 (J)	5				<u>4.6</u>	10.33 -16.34
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Flow measurement in Jay's box, last week has not been picked up. called & informed

June 3 - Paul called A river machine informed he was putting water to bench field, no adjustment sent informed

Mary M. Brackelton
WATERMASTER SIGNATURE

DATE June 2-95

SINKER CREEK WATERMASTER REPORT

Instructions for completing form

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.

D1 .6
HULET (live)

D2 35.99
HULET (stored)

D3 10.
JLL

QM 46.59
CANAL TOTAL

D4 8.06

D5 4.22 *Running in pipe*

D6 2.20

D7 1.50

D8 1.68 *1.97 Nowhere*

D9 1.89 *7.35*

D10 0
TYSON

D11 3.30
NAHAS

QA 8.87
CREEK

QB 1.30
CREEK

Q1 24.
INLET

JLL TOTAL 22.87

GA-B 18.6 + 19.47 = 38.07

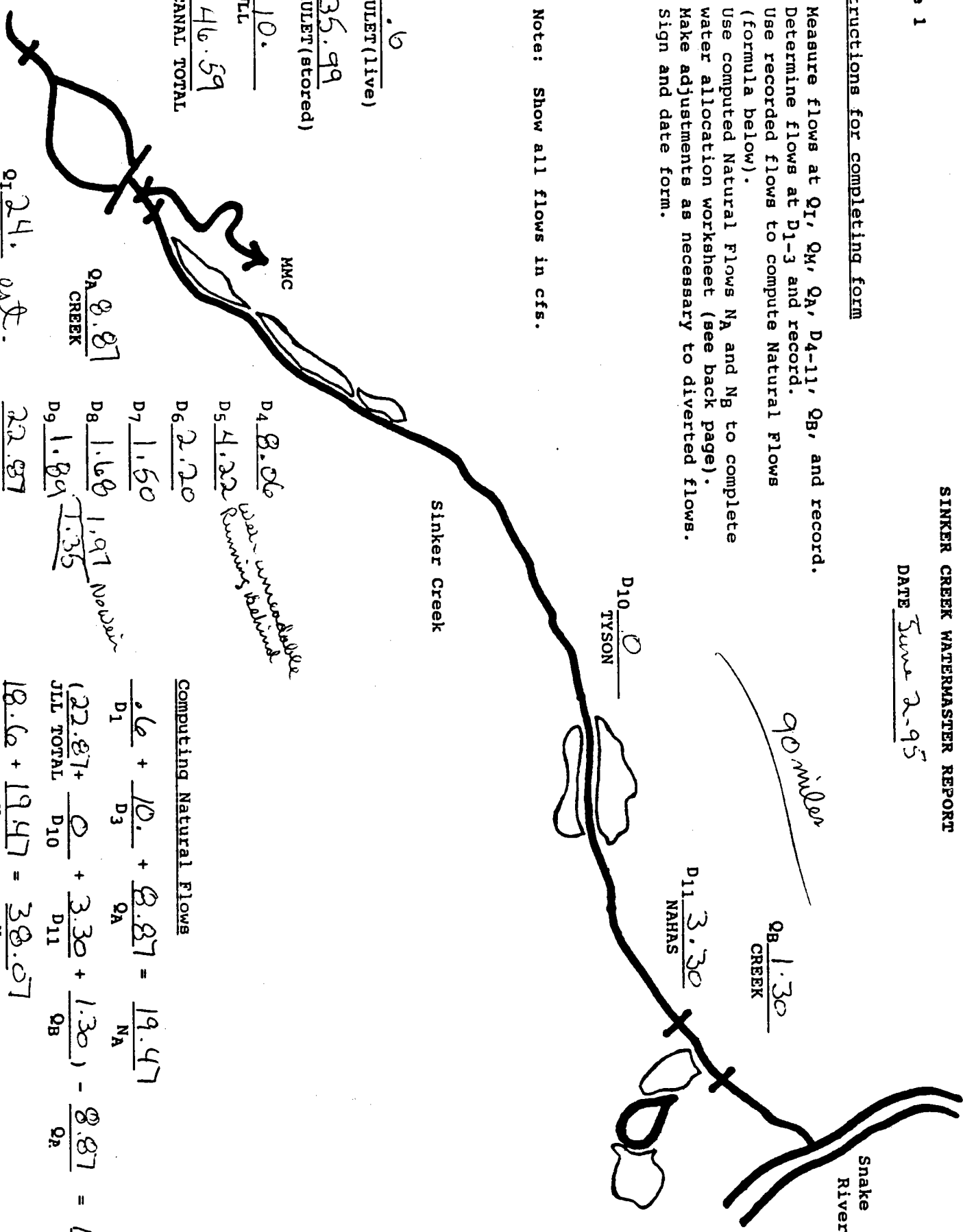
NA NA

NB NB

Computing Natural Flows

$$\frac{Q1}{D1} + \frac{D3}{D3} + \frac{QA}{QA} = \frac{19.47}{NA}$$

$$\frac{(22.87 + 0)}{D10} + \frac{3.30}{D11} + \frac{1.30}{QB} = \frac{18.6}{GA-B}$$



no inlet when



These are The Measurements Jay Hulet has Requested.

	Live	(Says) 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 8.87 cfs

Put in Says mail BOX
 May 28-95

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	18.87		
D3 (J)	2		10.0*	8.87		
D4-9 (J)	2	18.61**				
D10 (T)	3	6.56				
D11 (N)	4	2.63				
D3 (J)	5					
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Day little water in reach field. ⁰⁷ See reach a flow line / create staff measurement was suppose to be set at 5.02 on 5.83 for 5.17 on 5.34 cfs. when took reading on way up reach 5.68 for 6.21 cfs. pour ordered 3 cfs over down creek. ~~only~~ put in 2.6 cfs and rest in canal. To make up difference of many etc.

Put part measurements in Stage Mail box as requested.

Mary M. Blackstock
 WATERMASTER SIGNATURE

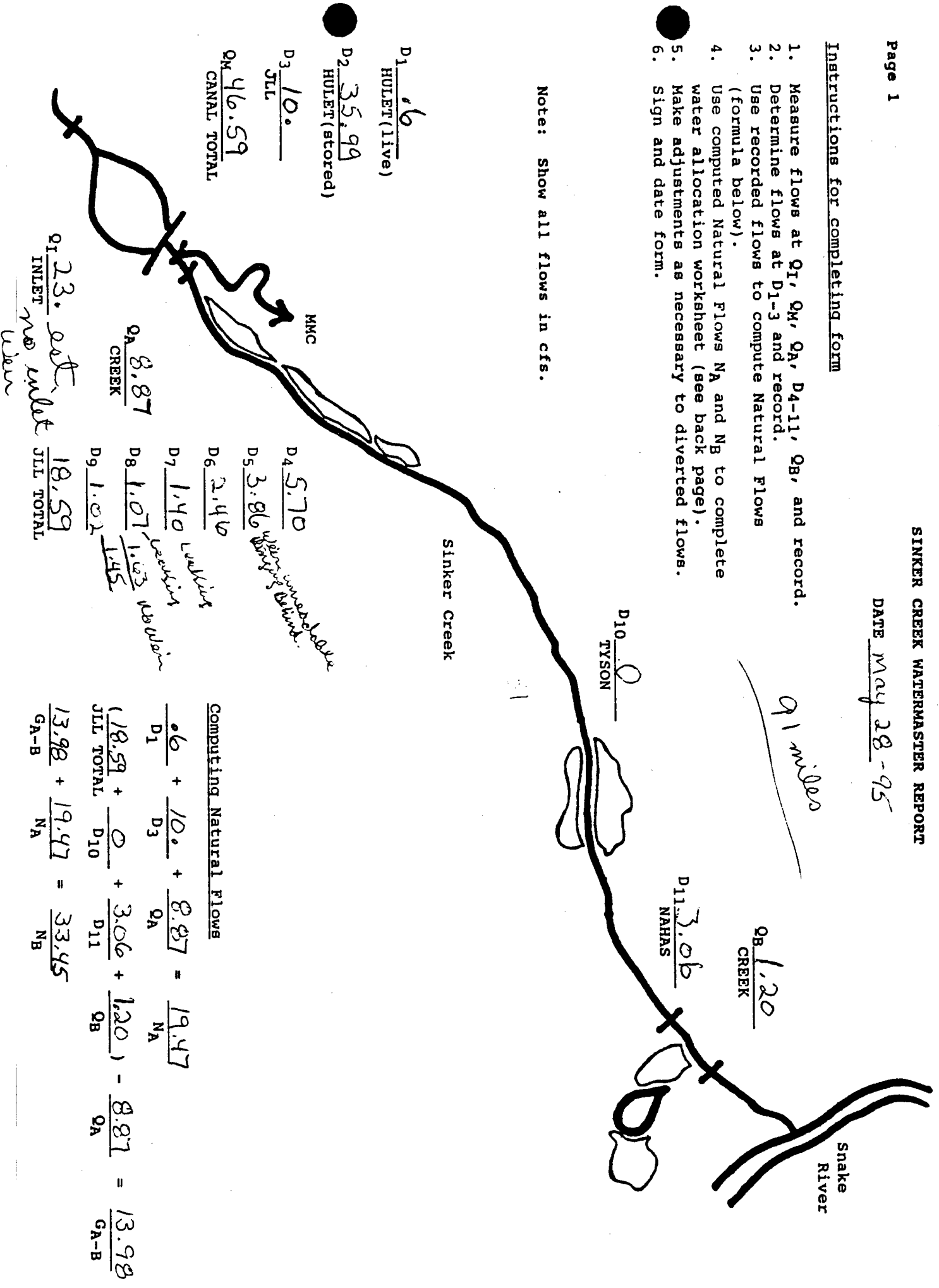
SINKER CREEK WATERMASTER REPORT

DATE May 28-95

Instructions for completing form

1. Measure flows at Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.



D1 06
HULET (live)

D2 35.99
HULET (stored)

D3 10.
JLL

QM 46.59
CANAL TOTAL

QA 8.87
CREEK

D4 5.70

D5 3.86
water being measurable

D6 2.46

D7 1.40
Leaking

D8 1.07
Leaking

D9 1.02

JLL TOTAL 18.59

Q1 23.00
INLET
no outlet when

91 miles

QB 1.20
CREEK

D11 3.06
NAHAS

D10 0
TYSON

Sinker Creek

Snake River

Computing Natural Flows

$$\frac{06}{D1} + \frac{10.}{D3} + \frac{8.87}{QA} = \frac{19.47}{NA}$$

$$\frac{(18.59)}{JLL\ TOTAL} + \frac{0}{D10} + \frac{3.06}{D11} + \frac{1.20}{QB} - \frac{8.87}{QA} = \frac{13.98}{GA-B}$$

$$\frac{13.98}{GA-B} + \frac{19.47}{NA} = \frac{33.45}{NB}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A DIV	RNP	REACH B DIV	RNP
D1 (H)	1	0.6	0.6	15.47		17.66
D3 (J)	2		7.0*	8.47		9.19
D4-9 (J)	2	18.61**				33.13 (NB)
D10 (T)	3	6.56				20.95
D11 (N)	4	2.63				0
D3 (J)	5					4.58
D4-9 (J)	5	2.46**				16.34
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 300 cfs in canal, told him to put creek staff at 5.82 or 5.83 and wants more creek water when it get chance. Put in memory of about 1000 cfs

Wendy M. Blacklock
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE May 23-95

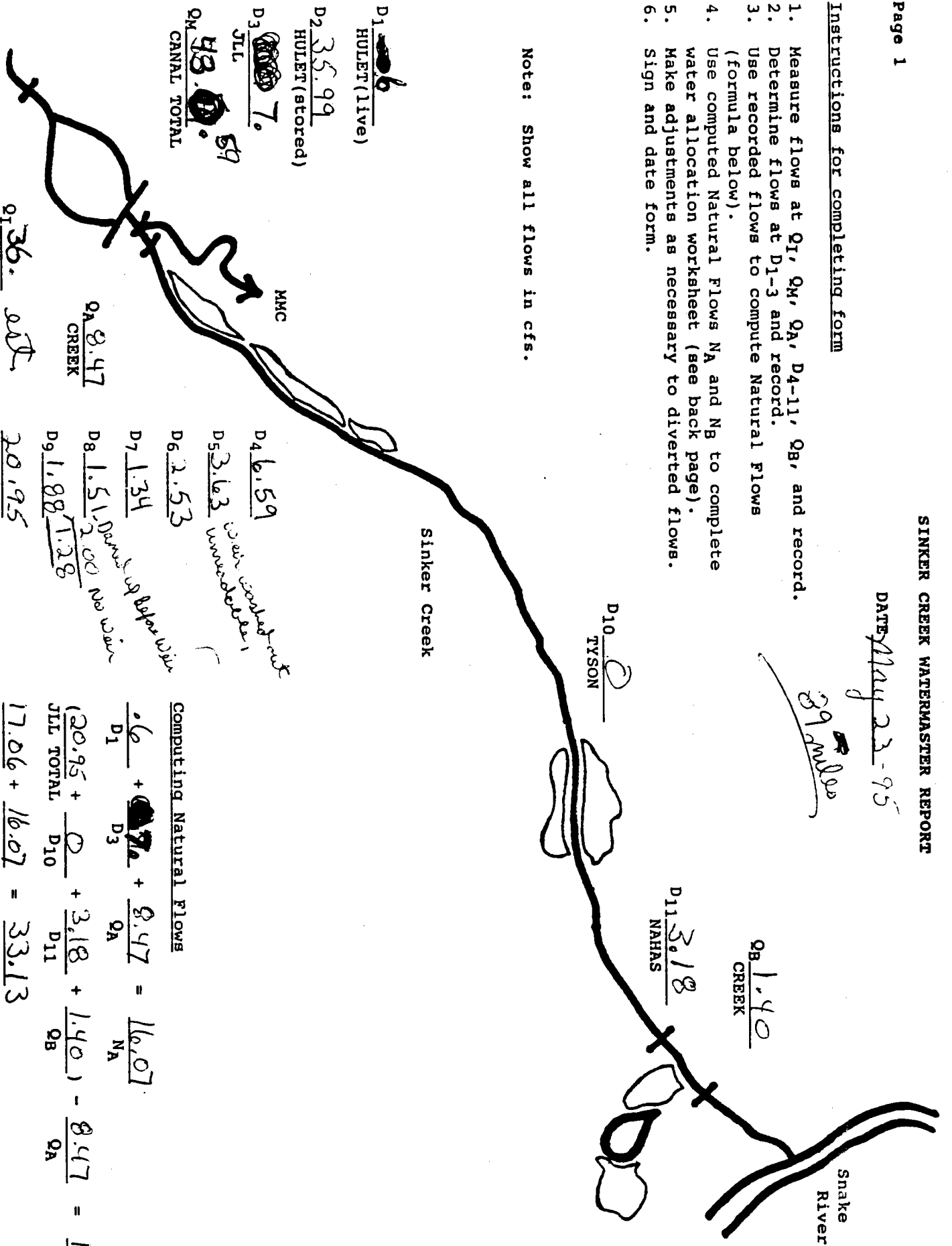
39 miles

Snake River

Instructions for completing form

1. Measure flows at Q_I, Q_M, Q_A, Q_A-11, Q_B, and record.
2. Determine flows at D₁-3 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.



D₁ 6
HULET (live)

D₂ 35.99
HULET (stored)

D₃ 7.59
JLL
Q_M 48.01
CANAL TOTAL

Q_A 8.47
CREEK

Q_I 36.00
INLET

*Backflow from Res in
Inlet from Res in
Backflow up & Releasing to water*

Sinker Creek

D₁₀ 0
TYSON

D₁₁ 36.18
NAHAS

Q_B 1.40
CREEK

D₄ 6.59

D₅ 3.63
*Water worked out
under dam*

D₆ 2.53

D₇ 1.34

D₈ 1.51
*Dam up below weir
2.00 No in can*

D₉ 1.88
1.28

JLL TOTAL 20.95

Computing Natural Flows

$$\frac{Q_A}{D_1} + \frac{Q_B}{D_3} + \frac{Q_A}{Q_A} = \frac{16.07}{N_A}$$

$$\frac{(20.95 + 0)}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{3.18}{D_{11}} + \frac{1.40}{Q_B} - \frac{8.47}{Q_A} = \frac{17.06}{G_A-B}$$

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	1.6	15.37	31.15 (NB)	15.78
D3 (J)	2	18.61**	2.4*	12.97	2.81	2.81
D4-9 (J)	2	18.61**			26.21	-23.4
D10 (T)	3	6.56			0	-23.4
D11 (N)	4	2.63			1.94	-25.34
D3 (J)	5	2.46**				
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Snake field going Red lined looks same. No over flow yet. Jay wants 7cfs. Paul called morning of 1/8th. said the vents to put 3.5 cfs in channel. Had 12.97 cfs in creek - 3.5 cfs still showed load 6.05 for 948 cfs Down creek. Paul called that night, said he put a little more in canal, for 4.5 cfs in canal and creek still Reading of 6.05 for 8.47 going down creek.

Paul said he'd turn on sprinkler late this afternoon.

Note) With over 30 cfs over canal weir. Weir submerged. May 11 Blanchard Starks
 and unable to get sticks on weir with that much water. WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE May 17, 95

Instructions for completing form

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.

90 miles

QB 1.94
CREEK

Water 5 feet off
and open down creek
D11 ~~1.94~~
NAHAS

D10 0
TYSON

Sinker Creek

D1 1.06
HULET (live)

D2 35.99
HULET (stored)

D3 2.4
JLL

QM 38.45
CANAL TOTAL

QA 12.97
CREEK

D4 9.16

D5 5.68

D6 1.87

D7 1.54

D8 1.68

D9 2.81
JLL TOTAL

water in wash pipes

2.07
No diversion

Computing Natural Flows

$$D1 + D3 + QA = NA$$

$$1.06 + 2.4 + 12.97 = 15.97$$

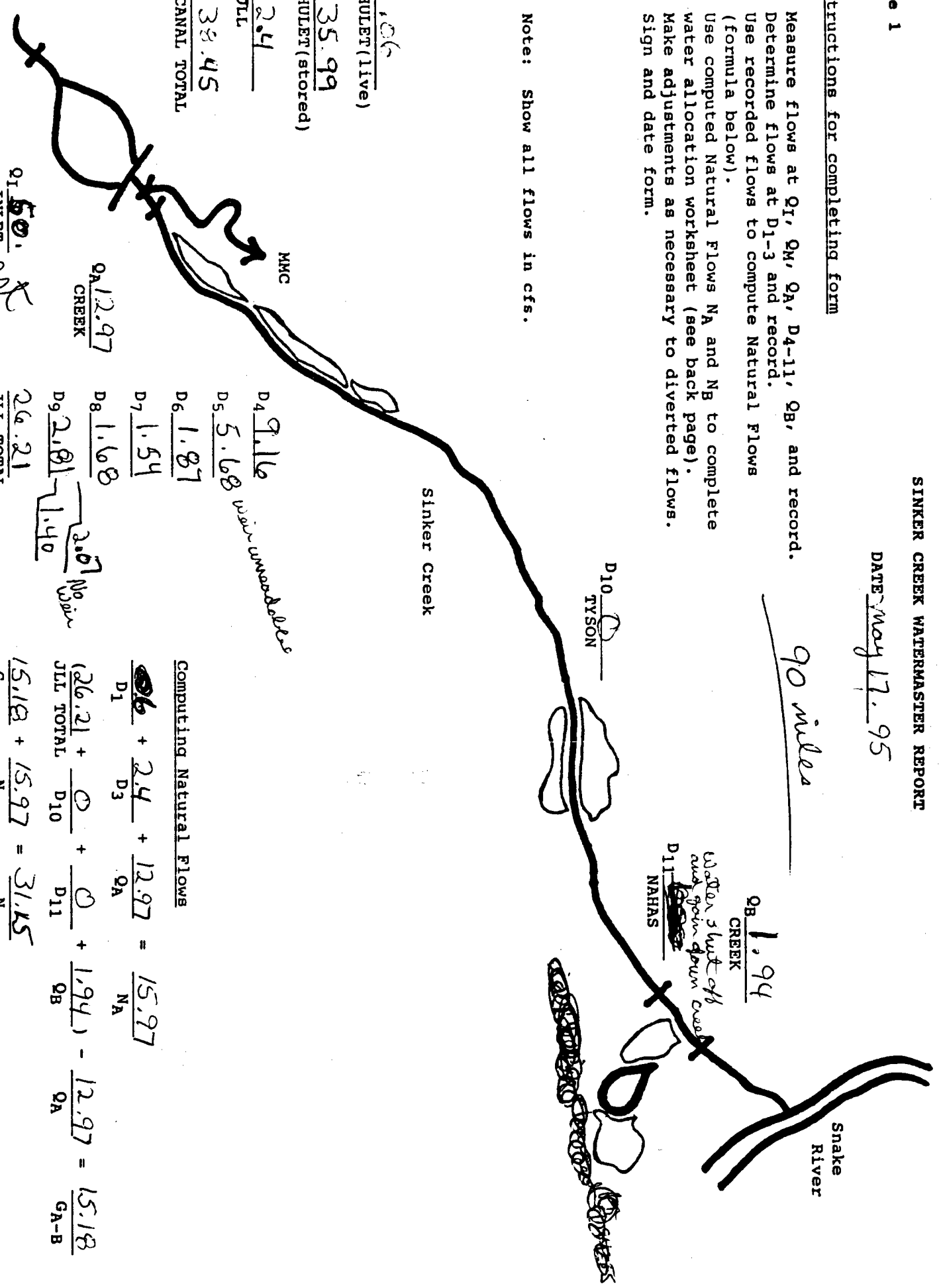
$$JLL\ TOTAL + D10 + D11 + QB - QA = GA-B$$

$$26.21 + 0 + 0 + 1.94 - 12.97 = 15.18$$

$$GA-B + NA = NB$$

$$15.18 + 15.97 = 31.15$$

Q1 50.0
INLET



Map in left column

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A DIV	RNF	REACH B DIV	RNF
D1 (H)	1	0.6	<u>0.6</u>	<u>14.83</u>	<u>13.493</u>	
D3 (J)	2	18.61**	<u>2.4</u> *	<u>12.43</u>	<u>1.063</u>	
D4-9 (J)	2				<u>22.353</u>	<u>-21.29</u>
D10 (T)	3	6.56			<u>0</u>	<u>-21.29</u>
D11 (N)	4	2.63			<u>3.51</u>	<u>-24.8</u>
D3 (J)	5					
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: ~~Significant~~ ~~that~~ ~~might~~ ~~impact~~ ~~availability~~ ~~of~~ ~~CEFS~~. ~~See~~ ~~part~~ ~~on~~ ~~site~~ ~~up~~ ~~he~~ ~~said~~ ~~he~~ ~~could~~ ~~take~~ ~~another~~ ~~2~~ ~~CEFS~~, ~~Relative~~ ~~said~~ ~~no~~ ~~want~~ ~~to~~ ~~be~~ ~~benefit~~ ~~from~~ ~~it~~. ~~Total~~ ~~on~~ ~~canal~~ ~~flow~~ ~~is~~ ~~less~~ ~~with~~ ~~leakage~~ ~~under~~ ~~it~~.

~~1:15 To 1:30 pm put in~~

Mary M. Blackstock
WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE May 14-95

Snake River

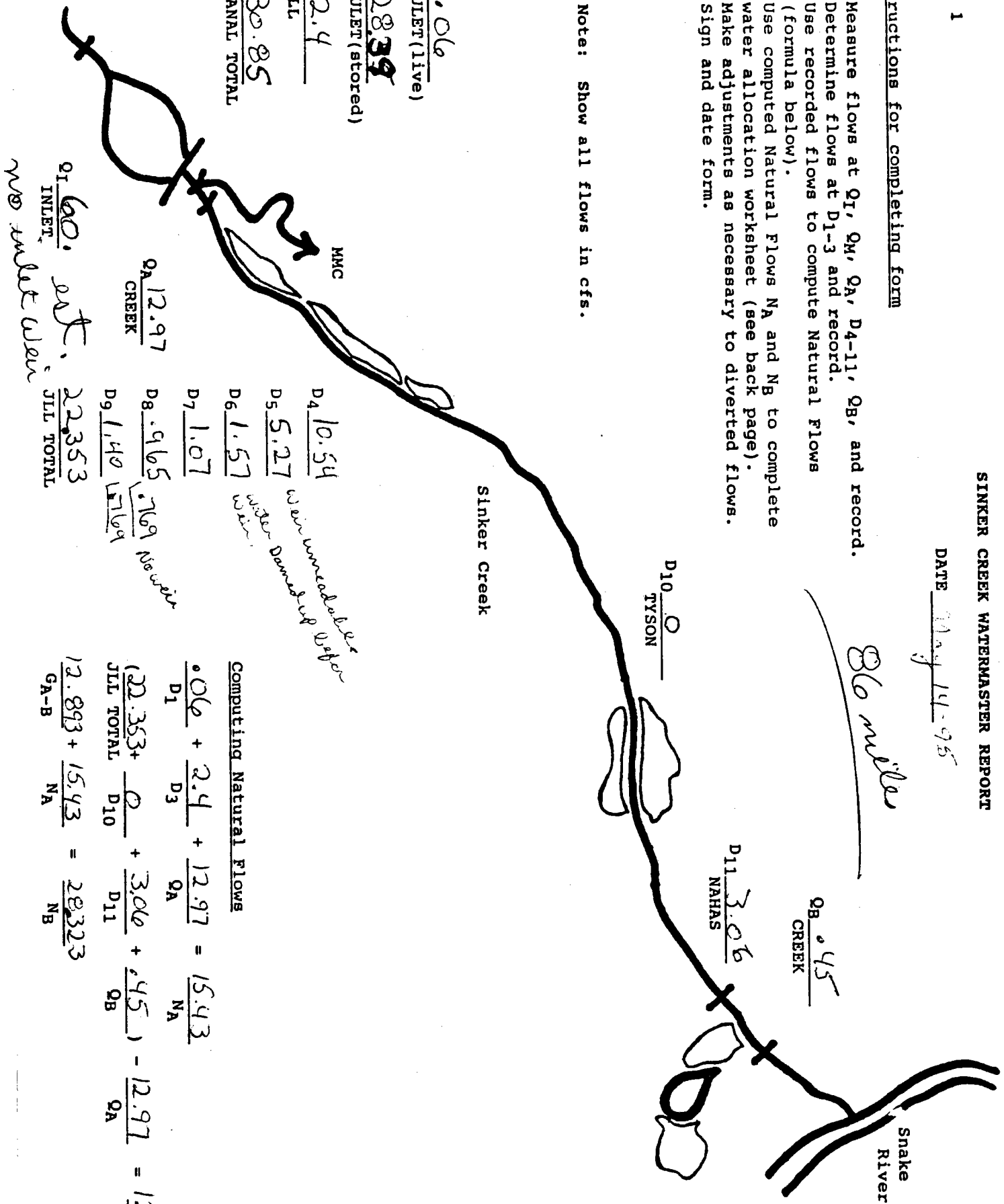
86 miles

Instructions for completing form

1. Measure flows at Q₁, Q_M, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.

D₁ 06
 HULET (live)
 D₂ 2839
 HULET (stored)
 D₃ 2.4
 JLL
 Q_M 30.85
 CANAL TOTAL



Q₁ 60
 INLET
 JLL TOTAL 22353
 NO outlet when

Q_A 12.97
 CREEK
 D₄ 10.54
 D₅ 5.27
 D₆ 1.57
 D₇ 1.07
 D₈ 9.65
 D₉ 1.40
 JLL TOTAL

Computing Natural Flows

$$D_1 + \frac{D_3}{D_3} + \frac{Q_A}{Q_A} = \frac{15.43}{N_A}$$

$$(22.353 + \frac{0}{D_{10}} + \frac{30.6}{D_{11}} + \frac{45}{Q_B}) - \frac{12.97}{Q_A} = \frac{12.893}{G_{A-B}}$$

$$12.893 + \frac{15.43}{N_A} = \frac{28323}{N_B}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6		(NA)		(NB)
D3 (J)	2					
D4-9 (J)	2 } 2	18.61**		*		
D10 (T)	3	6.56				
D11 (N)	4	2.63			4.686	
D3 (J)	5 } 5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Saw covered pipe under water in PM. Said it had 4-H feed works didn't know what time or if it had line that night. went down in water, but didn't make the sheet 8:15 to 8:30 P.M. put in.

Mary M. Blacklocks
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE May 12

6.9 miles

1. Measure flows at Q_I, Q_M, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.

D₁ 1.06
HULET (live)

D₂ 19.2
HULET (stored)

D₃ 0
JLL

Q_M 19.26
CANAL TOTAL

D₄ _____

D₅ _____

D₆ _____

D₇ _____

D₈ _____

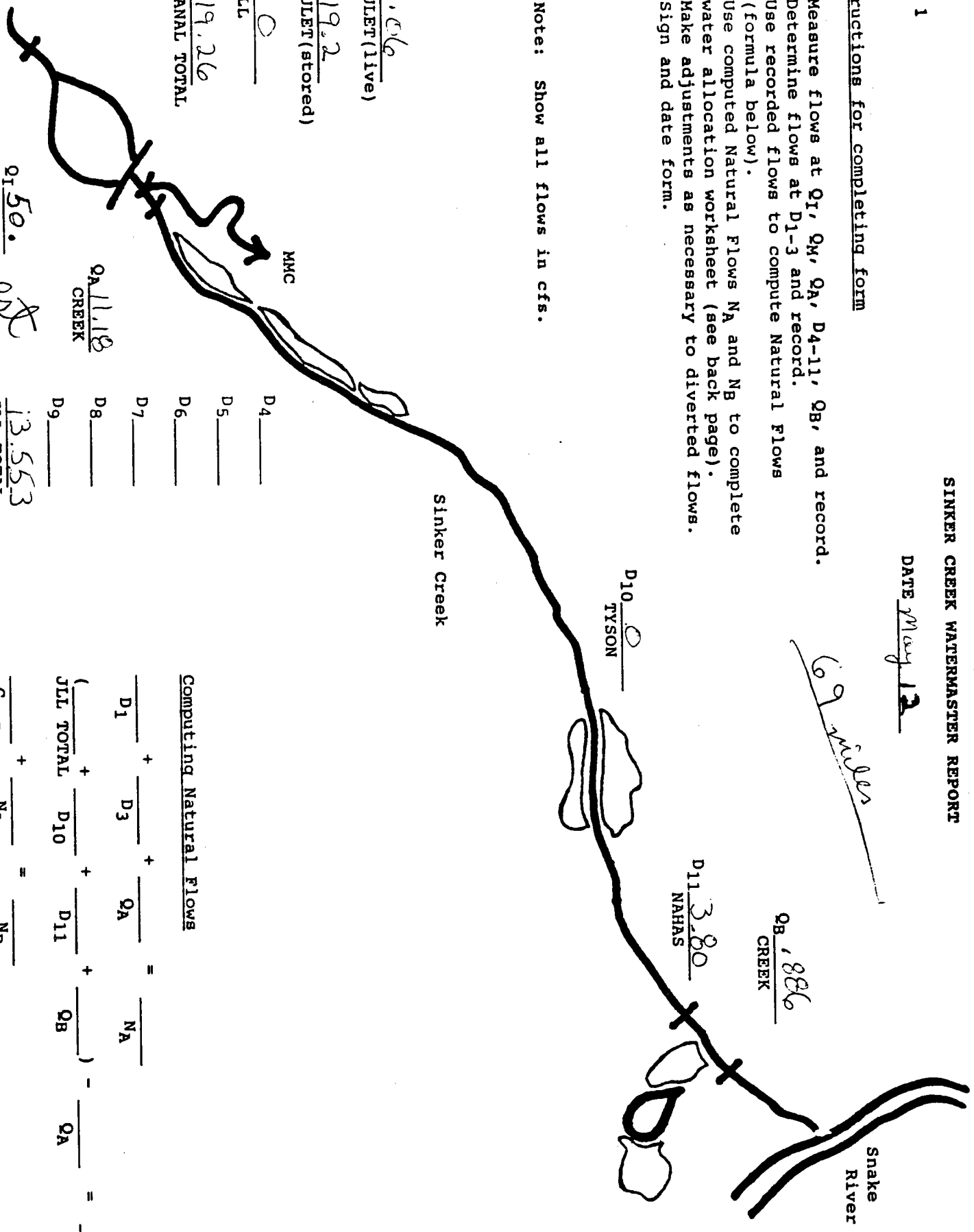
D₉ _____

JLL TOTAL 13.553

Q_A 11.18
CREEK

Q_I 50.
INLET

no inlet when



Computing Natural Flows

$$\begin{aligned}
 & \frac{D_1}{\quad} + \frac{D_3}{\quad} + \frac{Q_A}{\quad} = \frac{N_A}{\quad} \\
 & \left(\frac{JLL\ TOTAL}{\quad} + \frac{D_{10}}{\quad} + \frac{D_{11}}{\quad} + \frac{Q_B}{\quad} \right) - \frac{Q_A}{\quad} = \frac{G_{A-B}}{\quad} \\
 & \frac{G_{A-B}}{\quad} + \frac{N_A}{\quad} = \frac{N_B}{\quad}
 \end{aligned}$$

SINKER CREEK WATERMASTER REPORT

DATE July 14-95

Instructions for completing form

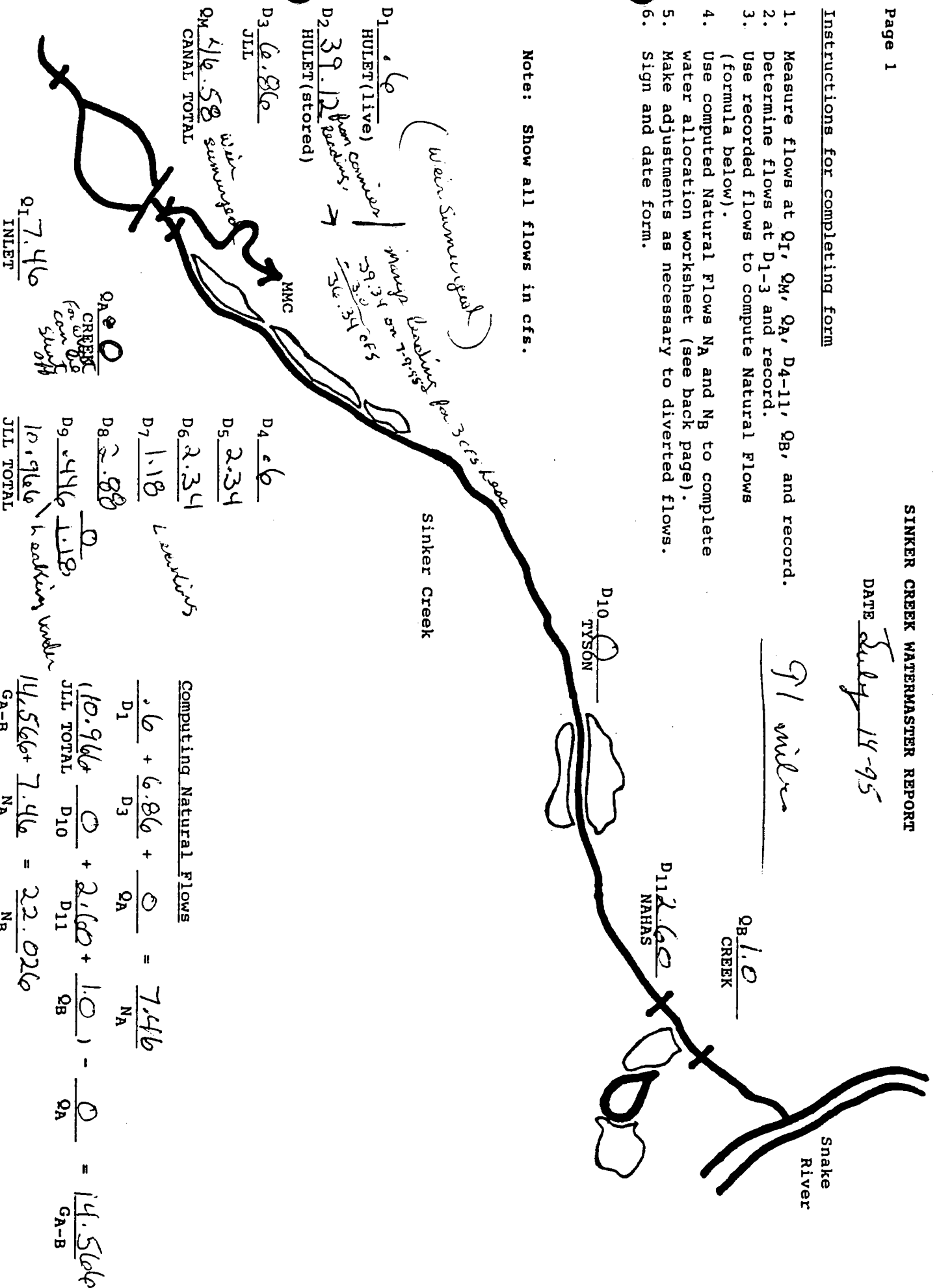
1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and Ng to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows.
6. Sign and date form.

91 miles

QB 1.0
CREEK

Snake River

Note: Show all flows in cfs.



$D_1 \underline{6}$
 HUJET (live)
 $D_2 \underline{39.12}$
 HUJET (stored)
 $D_3 \underline{6.86}$
 JLL
 $Q_M \underline{416.58}$
 CANAL TOTAL
 $Q_1 \underline{7.46}$
 INLET

Computing Natural Flows

$$D_1 + \frac{D_3}{D_1} + \frac{Q_A}{D_1} = \frac{7.46}{D_1}$$

$$\frac{10.966}{14.566} + \frac{0}{14.566} + \frac{2.60}{14.566} + \frac{1.0}{14.566} - \frac{0}{14.566} = \frac{14.566}{14.566}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	.6	6.86	15.166	22.026(NB)
D3 (J)	2	18.61**	6.86*	0	15.166	
D4-9 (J)	2				10.916	4.2
D10 (T)	3	6.56			0	4.2
D11 (N)	4	2.63			360	+0.6
D3 (J)	5					
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 Ralvie on way up said he has ~~Blotter~~ credit cell in canal They the

No water in Bench field ~~canal~~ canal Paul not knows of inlet measurement and Turn on
 Pump. 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 Sage mail box

W Water Master Signature
 WATERMASTER SIGNATURE

3 1/2 x 5 1/2
LETTIER® 44-902

Wilson Jones Carbonless Snap-A-Way® Folders

FROM

Mary Blackbaker

TO

Jim Huntley, Jr.

SPEED LETTER®

Clerk of the District Court

OWYHEE COUNTY

Murphy, Idaho 83650

MESSAGE

WOUND ON 108 24450
paid by cash \$2.50 due

REPLY

DATE

7-14-95

SIGNED

SCOTTIE

Put Copy from April 1 to July 12-95 (Mount Page 1 sheet)
in Jerry Mail Box on July 14-95

FOID FOR NO. 9

DATE

SIGNED

Wilson Jones • Carbonless • MADE IN U.S.A.
44-902 Thickets • © Wilson Jones, 1990

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



SINKER CREEK WATERMASTER REPORT

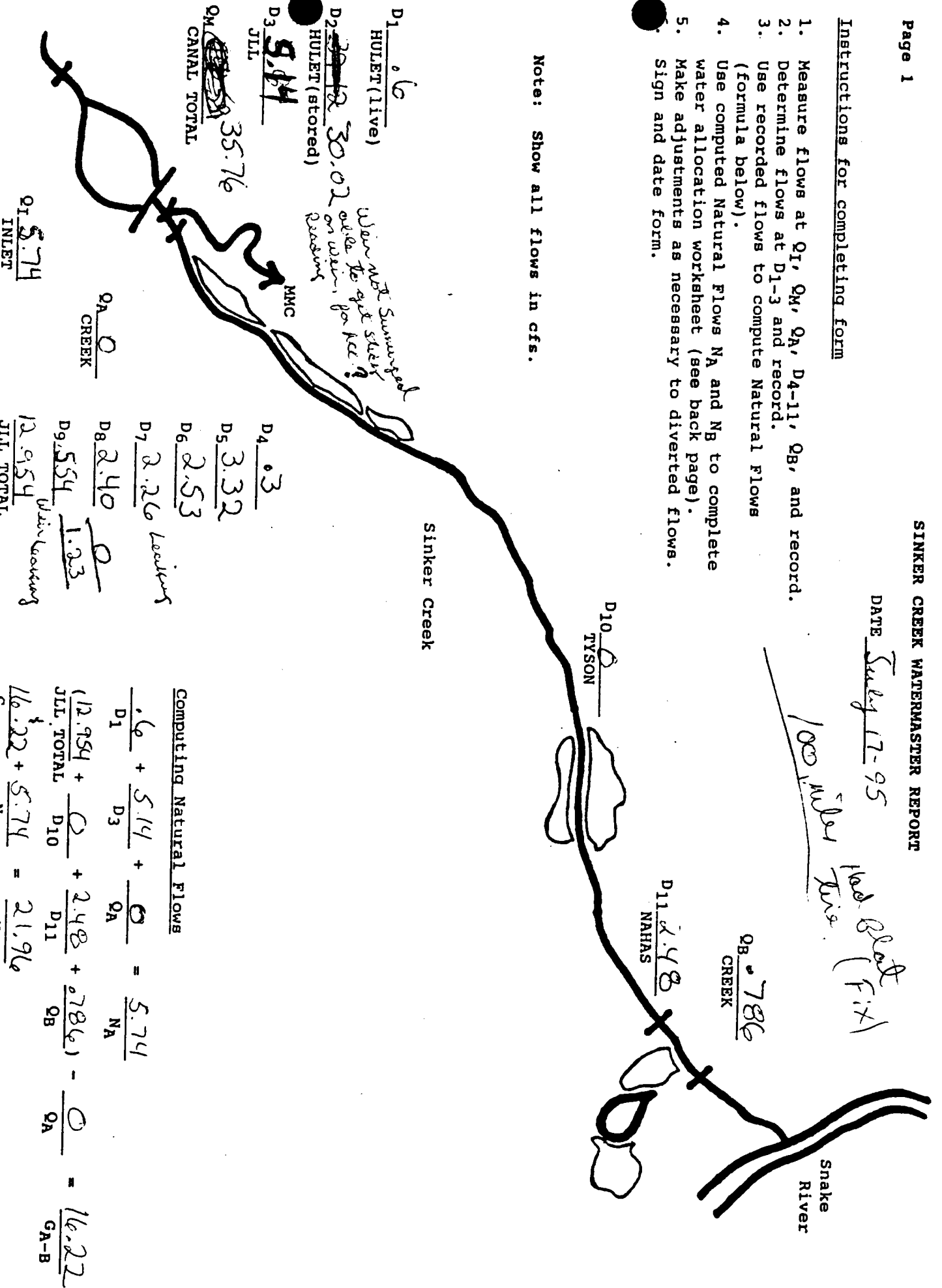
DATE July 17-95

100 miles 1000 feet Fix

Instructions for completing form

1. Measure flows at Qr, Qm, Qa, D4-11, Qb, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows Na and Nb to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows. Sign and date form.

Note: Show all flows in cfs.



D1 0.6
HULET (live)

D2 30.02
HULET (stored)

D3 9.14
JLL

QM 35.76
CANAL TOTAL

Qr 5.74
INLET

Qa 0
CREEK

D4 0.3

D5 3.32

D6 2.53

D7 2.26 Locking

D8 2.40

D9 5.54 1.23

JLL TOTAL 12.954 12.954

Sinker Creek

D10 0
TYSON

D11 2.48
NAHAS

Qb 786
CREEK

Snake River

Computing Natural Flows

$$\frac{.6}{D1} + \frac{5.14}{D3} + \frac{0}{Qa} = \frac{5.74}{Na}$$

$$\frac{12.954}{JLL\ TOTAL} + \frac{0}{D10} + \frac{2.48}{D11} + \frac{0}{Qb} = \frac{16.22}{Ga-B}$$

$$\frac{16.22}{Ga-B} + \frac{5.74}{Na} = \frac{21.96}{Nb}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	5.14 (NA)		16.82
D3 (J)	2	18.61**	5.14*	0		16.82
D4-9 (J)	2				12.954	3.866
D10 (T)	3	6.56			0	3.866
D11 (N)	4	2.63			3.266	4.06
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Bank full off, left inlet measurements in Peltier pier up at sleep.

Say wants me to check every 2 days

July 18 Paul called, says done with grain field, wants to leave 30FS in canal a bit of 2.14 cfs down reach.

July 18 Paul called, changed mind leaving water in canal. Many m. Blacklocks

Canal.

WATERMASTER SIGNATURE

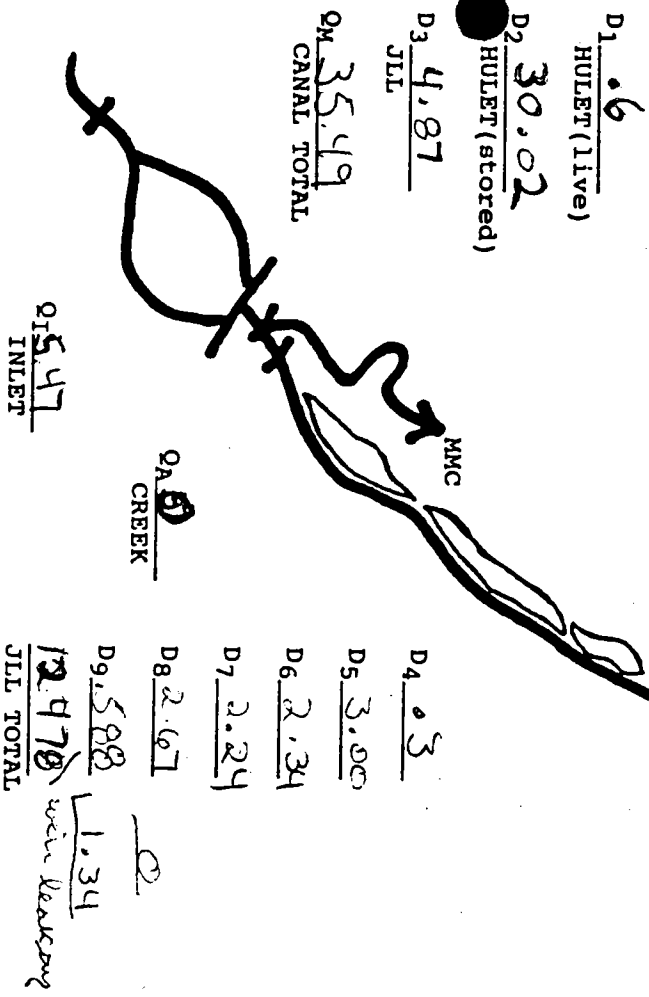
SINKER CREEK WATERMASTER REPORT

DATE July 19-55

Instructions for completing form

1. Measure flows at Qr, Qm, Qa, Qa, D4-11, Qb, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows Na and Nb to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows. Sign and date form.

Note: Show all flows in cfs.



D1 .6
HULET (live)

D2 30.02
HULET (stored)

D3 4.87
JLL

Qm 35.49
CANAL TOTAL

MMC

Qa 0
CREEK

Qr 5.47
INLET

Sinker Creek

D10 0
TYSON

D11 2.26
NAHAS

Qb 668
CREEK

90 miles

Snake River

D4 0.3

D5 3.00

D6 2.34

D7 2.24

D8 2.67

D9 5.88

D12 4.70
JLL TOTAL

0

1.34

with leakage

Computing Natural Flows

$$\frac{.6}{D1} + \frac{4.87}{D3} + \frac{0}{QA} = \frac{5.47}{NA}$$

$$\frac{(12.478 + 0)}{JLL\ TOTAL} + \frac{0}{D10} + \frac{2.26}{D11} + \frac{(668)}{QB} - \frac{0}{QA} = \frac{15.406}{GA-B}$$

$$\frac{15.406}{GA-B} + \frac{5.47}{NA} = \frac{20.876}{NB}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	4.87	0	16.006
D3 (J)	2	18.61**	4.87*	0	0	16.006
D4-9 (J)	2					12.478
D10 (T)	3	6.56			0	3.528
D11 (N)	4	2.63			2.928	2.928
D3 (J)	5					0.6
D4-9 (J)	5	2.46**				
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Work remaining field.
July 20 several Paul informed of his 4.87 in several, he'd have to turn Bench field
Down

Mary M. Blackwell
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 21-95

91 miles

Instructions for completing form

1. Measure flows at Qr, Qm, Qa, D4-11, Qb, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows Na and Nb to complete water allocation worksheet (see back page).
5. Make adjustments as necessary to diverted flows. Sign and date form.

Note: Show all flows in cfs.

D1 1.0
HULET (live)

D2 30.02
HULET (stored)

D3 4.87
JLL

Qm 35.49
CANAL TOTAL

Q1 5.47
INLET

Qa 0
CREEK

D4 0.3
D5 3.64
D6 1.89
D7 2.00
D8 1.23
D9 4.23
JLL TOTAL

Leakings
Leakings
Leakings
Leakings
Leakings
Leakings under

1.02
Leakings under

10.503
JLL TOTAL

13.586
GA-B

5.47
Na

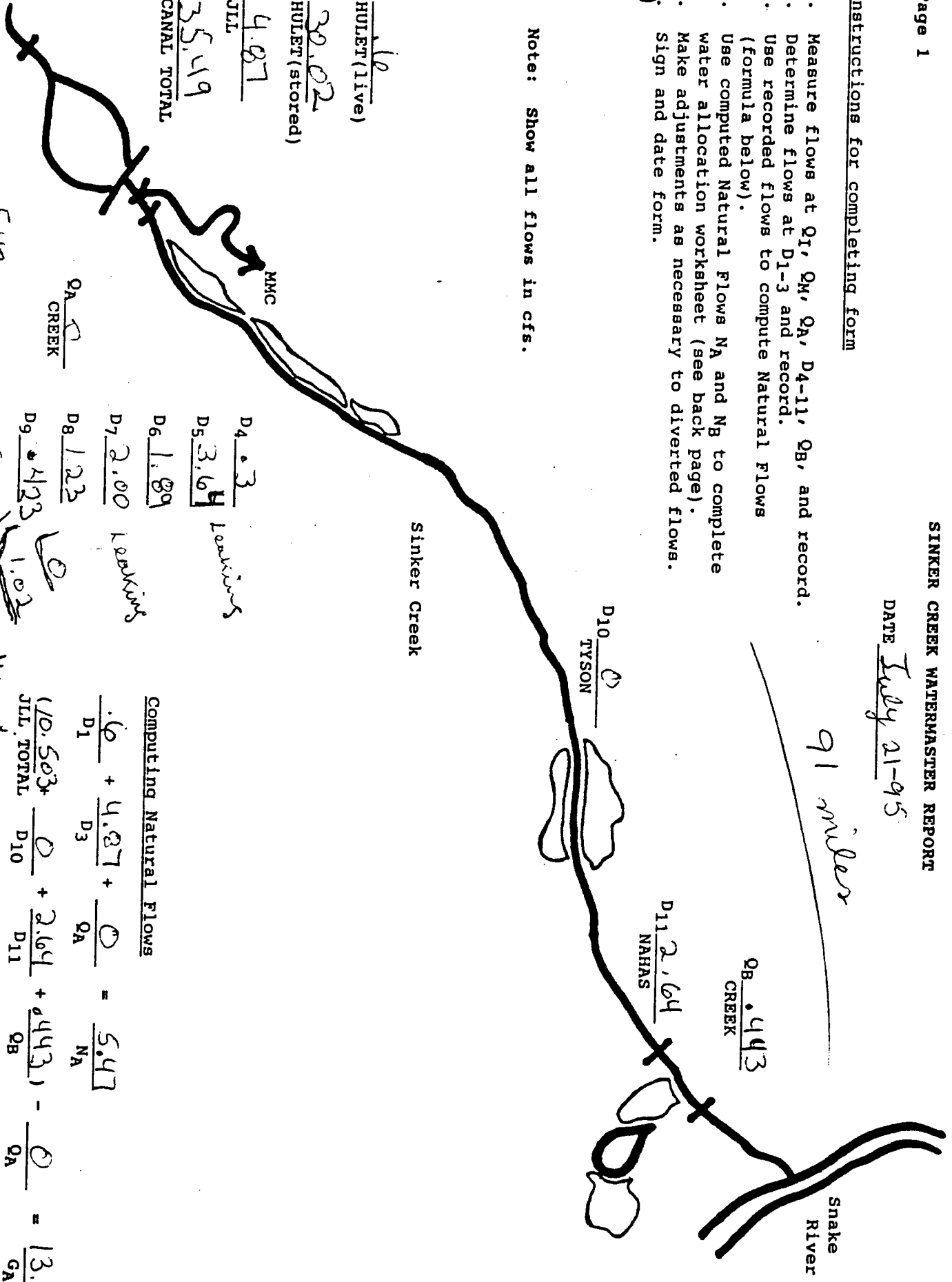
19.056
Nb

13.586
GA-B

Computing Natural Flows

$$\frac{D1}{D1} + \frac{D3}{D3} + \frac{Qa}{Qa} = \frac{5.47}{Na}$$

$$\frac{10.503}{JLL\ TOTAL} + \frac{0}{D10} + \frac{2.64}{D11} + \frac{4.43}{Qb} - \frac{0}{Qa} = \frac{13.586}{GA-B}$$



WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	4.87	14.186	19.054(NB)
D3 (J)	2	18.61**	4.87*	0	14.186	
D4-9 (J)	2				10.503	3.683
D10 (T)	3	6.56			0	3.683
D11 (N)	4	2.63			3.083	4.06
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Branch Field Shut in half. Todd Bellis on way out inlet (has same
Picked up Note on Q, location from July out of mail box. Int ordered 5 CFS than called back &
Cancelled

Mary 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.

Joseph H. Hulet



July 26, 1995

Jay Hulet

In response to your questions

1- On May 8th, my records show Pauls 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

DATE July 24-95
90 miles

Instructions for completing form

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NB 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.

D1 0.6
 HULET(live)
 D2 23.63
 HULET(stored)
 D3 3.57
 JLL
 QM 27.80
 CANAL TOTAL

D4 3
 D5 3.74
 D6 1.56
 D7 1.34
 D8 1.51
 D9 9.67
 JLL TOTAL

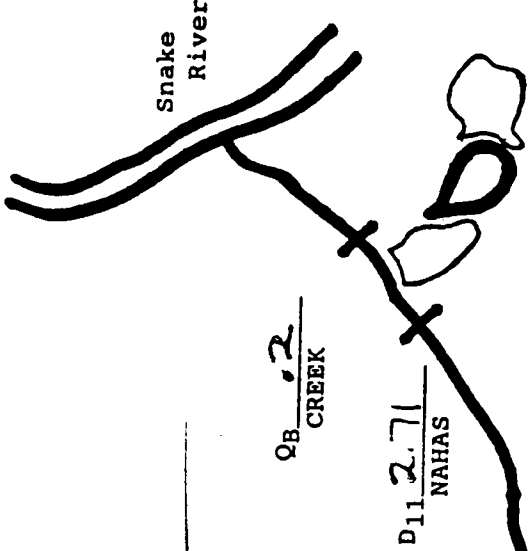
QA 0
 CREEK
 INLET 4.17

Computing Natural Flows

$$\frac{0.6}{D1} + \frac{3.57}{D3} + \frac{0}{QA} = \frac{4.17}{NA}$$

$$\frac{(9.67 + \frac{0}{D10} + \frac{2.71}{D11} + \frac{.2}{QB}) - \frac{0}{QA}}{JLL\ TOTAL} = \frac{12.58}{GA-B}$$

$$\frac{12.58}{GA-B} + \frac{4.17}{NA} = \frac{16.75}{NB}$$



Pressure Down Reading of total canal on way up 32.80 cfs

Leakings
 Leakings

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	4.17 (NA)		16.75 (NB)	
D3 (J)	2		3.57		13.18	
D4-9 (J)	2	18.61**	0	9.67	13.18	
D10 (T)	3	6.56		0	3.51	
D11 (N)	4	2.63		2.91	4.6	
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 Basch field full / Res pressure must be down for way up for Total Canal Was
 they ordered 5 cfs 32.80 cfs
less, said his water was down. = 4.17 meet
= 20.63 less for
= 5.00 less for
23.63 stand

Ted Robie on way out of their 35 cfs measurement, he'll
shut off bunch feed.

Mary M. Blackstock
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE July 26 - 95

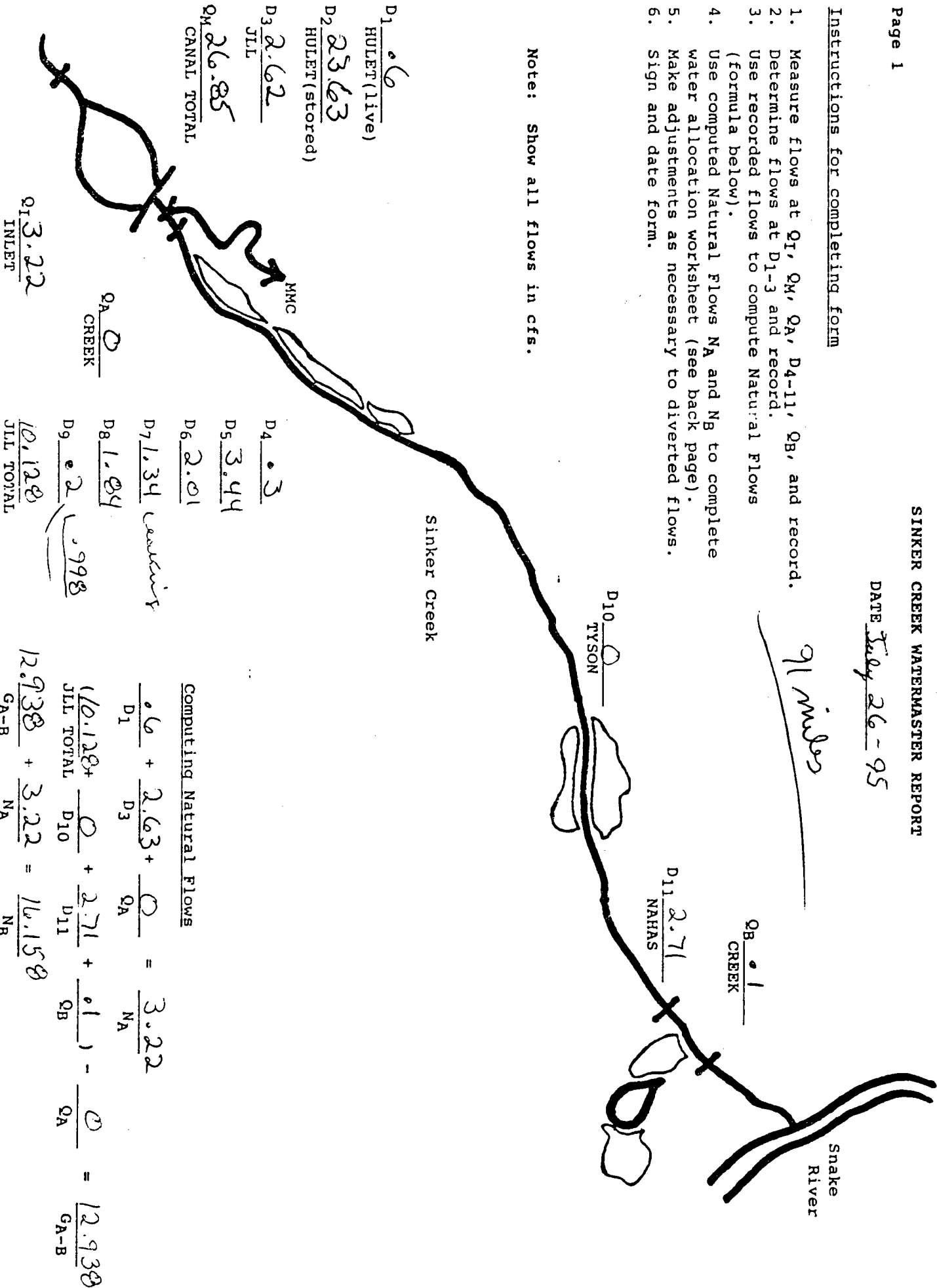
91 miles

Snake River

Instructions for completing form

1. Measure flows at Q₁, Q_M, Q_A, Q_B, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



D₁ 0.6
HULET (live)

D₂ 23.63
HULET (stored)

D₃ 2.62
JLL

Q_M 26.85
CANAL TOTAL

Q₁ 3.22
INLET

Q_A 0
CREEK

D₄ 0.3

D₅ 3.44

D₆ 2.01

D₇ 1.34 *canal*

D₈ 1.84

D₉ 0.2 *canal*

JLL TOTAL 10.128

Computing Natural Flows

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

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

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	2.62	13.536	
D3 (J)	2	18.61**	2.62*	0	13.536	
D4-9 (J)	2					
D10 (T)	3	6.56		10.128	3.41	
D11 (N)	4	2.63		0	3.41	
D3 (J)	5	2.46**		2.81	3.41	
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 Pumping Approx 1/2 cfs informed Paul of inlet & said I didn't know what he could do with that little water that bench, informed of about 1 cfs in bench, he said he didn't know before had, bench on. Flora Proberg kids pump on also heading out Paul had all 3 spencers on.

July 27 PM, Paul called machine, had 2 more sets on bench, put Mary on. Blanchard Pump on, Paul talked to Tony, said Paul Run Pump 6 hours, say Blanchard talked into 8 hours.

Mary on Blanchard
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

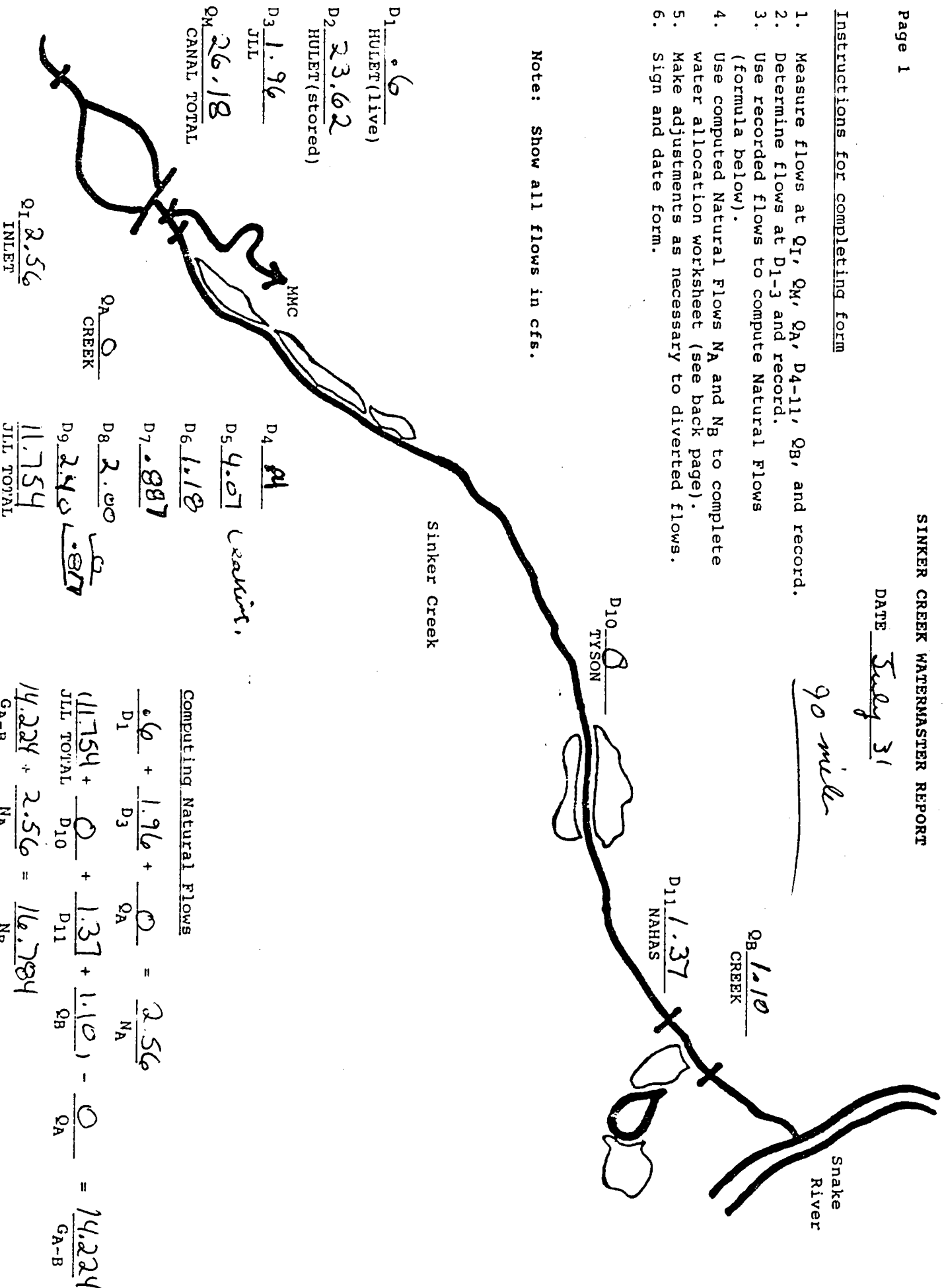
DATE July 31

90 miles

Instructions for completing form

1. Measure flows at Q₁, Q_M, Q_A, Q_B, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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

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

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

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

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	.6	1.96		
D3 (J)	2	18.61**	1.96*	0	11.754	3.07
D4-9 (J)	2				0	3.07
D10 (T)	3	6.56			2.47	4.6
D11 (N)	4	2.63				
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 Reach field. informed Paul of 1.96 water.

Paul 2 Paul called. was kicked on little pump into canal and running 4 hours a day, first pump 1.96 cfs

Mary M. Blackstock
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 3. 95

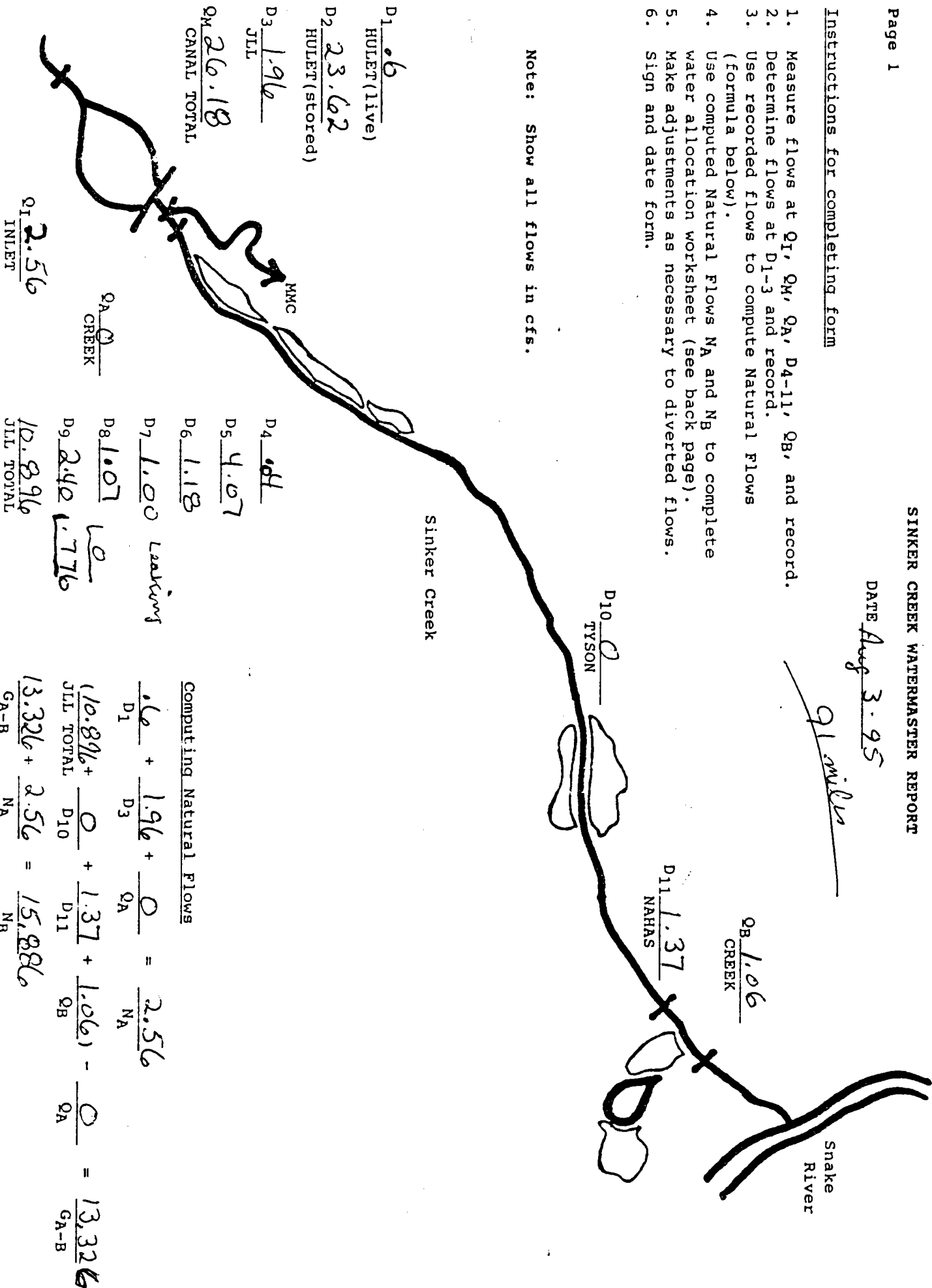
91 miles

Snake River

Instructions for completing form

1. Measure flows at Q1, QM, QA, D4-11, QB, and record.
2. Determine flows at D1-3 and record.
3. Use recorded flows to compute Natural Flows (formula below).
4. Use computed Natural Flows NA and NG 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.



Sinker Creek

Computing Natural Flows

$$\frac{D_1}{D_1} + \frac{D_3}{D_3} + \frac{Q_A}{Q_A} = \frac{2.56}{N_A}$$

$$\frac{(10.896 + 0)}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{1.37}{D_{11}} + \frac{1.06}{Q_B} - \frac{0}{Q_A} = \frac{13.326}{G_{A-B}}$$

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

WATER ALLOCATION WORKSHEET

Page 2

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	0.6	1.96	13.926	13.926
D3 (J)	2	18.61**	1.96*	0	10.896	3.03
D4-9 (J)	2				0	3.03
D10 (T)	3	6.56			2.43	0.6
D11 (N)	4	2.63				
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: See previous ~~page~~ Down, on way of loading of 25.28 cfs

Reach Ranking: 2

[Signature]
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

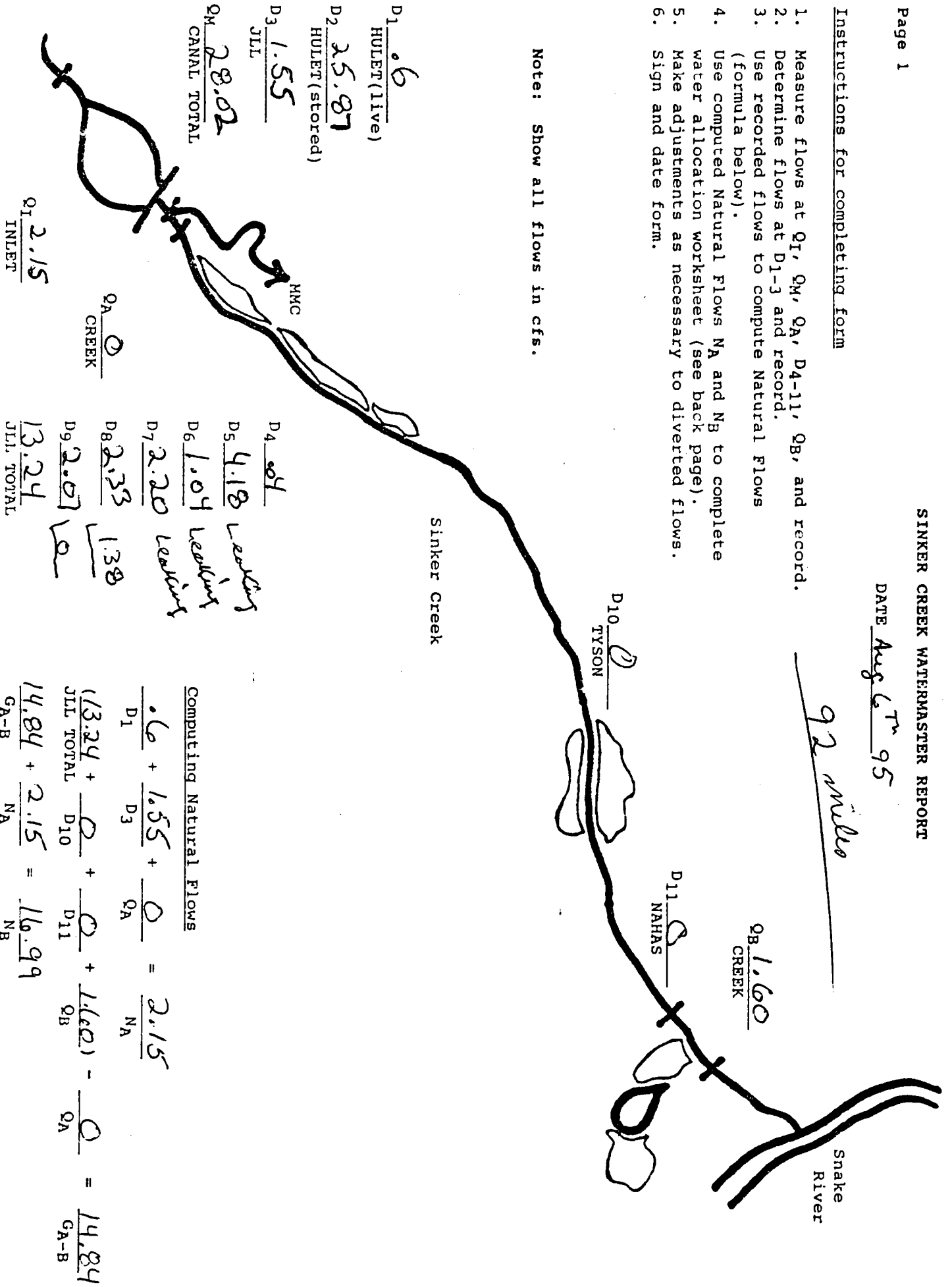
DATE Aug 6th 95

92 miles

Instructions for completing form

1. Measure flows at Q_r, Q_M, Q_A, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



Sinker Creek

Snake River

D₁ 0.6
HULET (live)

D₂ 25.87
HULET (stored)

D₃ 1.55
JLL

Q_M 28.02
CANAL TOTAL

Q_N 0
CREEK

Q₁ 2.15
INLET

D₄ 0.4

D₅ 4.18 leaking

D₆ 1.04 leaking

D₇ 2.20 leaking

D₈ 2.33 1.38

D₉ 2.07 1.0

D₁₀ 0

D₁₁ 0

JLL TOTAL 13.24

Computing Natural Flows

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

$$\frac{(13.24 + 0 + 0 + 1.60) - 0}{Q_A} = \frac{14.84}{G_A-B}$$

$$\frac{14.84 + 2.15}{N_A} = \frac{16.99}{N_B}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	<u>0.6</u>	<u>1.55</u>	<u>15.44</u>	<u>16.99 (NB)</u>
D3 (J)	2	18.61**	<u>1.55*</u>	<u>0</u>	<u>13.24</u>	<u>2.2</u>
D4-9 (J)	2				<u>0</u>	<u>2.2</u>
D10 (T)	3	6.56			<u>1.60</u>	<u>0.6</u>
D11 (N)	4	2.63				
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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: Reaches off Watershed off will cause water to shut off on plugged valves
Water Running on Road to main, however, informs Kellie of 1.55 water.
See pressure down on way up Reading of 25.28 cfs

Mary M Blacklocks
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 23-95

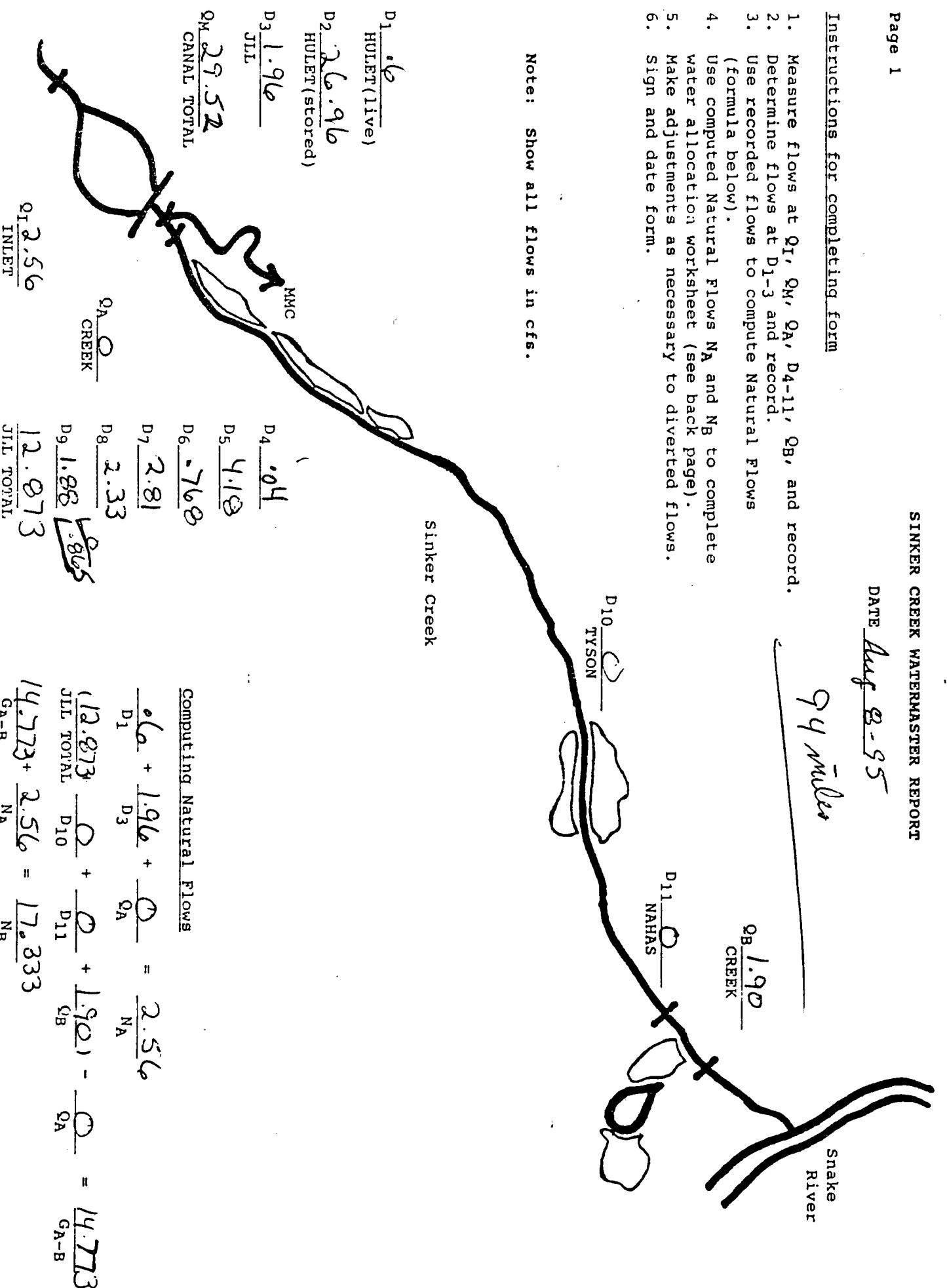
94 miles

Snake River

Instructions for completing form

1. Measure flows at Q_I, Q_M, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



D₁ 0.6
HULET (live)
D₂ 26.96
HULET (stored)
D₃ 1.96
JLL
Q_M 29.52
CANAL TOTAL

Q_I 2.56
INLET
Q_A 0
CREEK

D₄ 0.4
D₅ 4.18
D₆ 7.68
D₇ 2.81
D₈ 2.33
D₉ 1.88
JLL TOTAL, 12.873

Computing Natural Flows

$$\frac{0.6}{D_1} + \frac{1.96}{D_3} + \frac{0}{Q_A} = \frac{2.56}{N_A}$$

$$\frac{(12.873)}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{0}{D_{11}} + \frac{1.96}{Q_B} - \frac{0}{Q_A} = \frac{14.773}{GA-B}$$

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	.6	1.96	15.373	17.333(NB)
D3 (J)	2	18.61**	1.96*	0	15.373	
D4-9 (J)	2				12.873	2.5
D10 (T)	3	6.56			0	2.5
D11 (N)	4	2.63			1.96	+.6
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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, who shut off little running in Texas State, called Bobene Hunter's
on 7th still the same, water running on rd to their farm house. Aug 6 measurement in Song's box
branch off. Left with note on Paul's door. Not picked up.

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

Mary M. Blacklocks
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE Aug 11-95

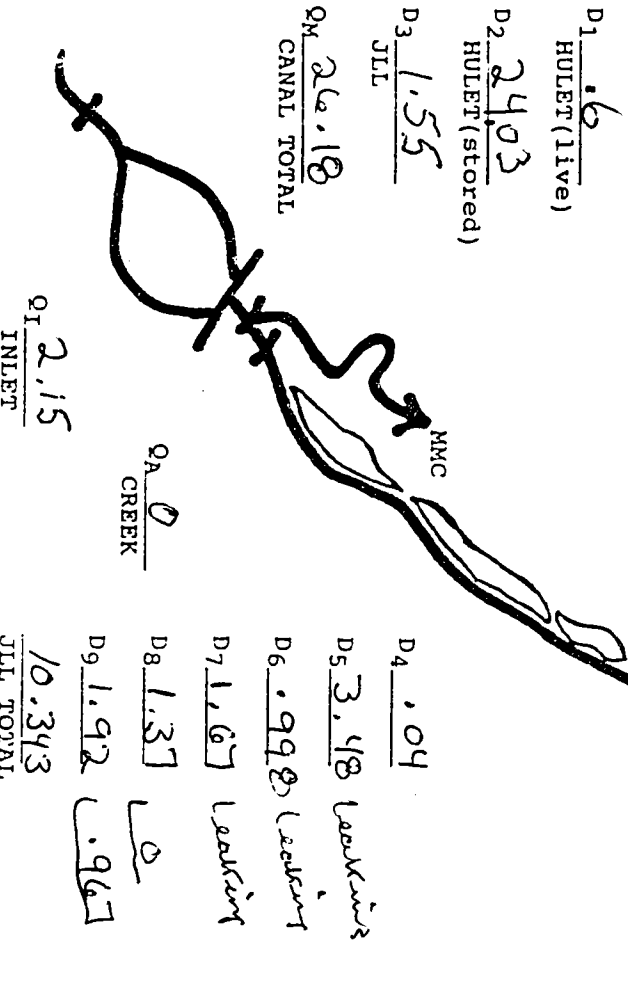
92 mlls

Snake River

Q_B 1.00
CREEK

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

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

$$\frac{10.343}{JLL\ TOTAL} + \frac{0}{D_{10}} + \frac{2.47}{D_{11}} + \frac{1.00}{Q_B} - \frac{0}{Q_A} = \frac{13.813}{GA-B}$$

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	<u>.6</u>	<u>1.55</u>	<u>15.963(NB)</u>	<u>14.413</u>
D3 (J)	2	18.61**	<u>1.55*</u>	<u>0</u>	<u>10.343</u>	<u>4.07</u>
D4-9 (J)	2				<u>0</u>	<u>4.07</u>
D10 (T)	3	6.56			<u>3.47</u>	<u>+.6</u>
D11 (N)	4	2.63				
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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 Iand 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 Reine of Paul of 1.55 on way up measurement for Total Canal cfs
was 24.39

May have had fixed Beaver Pond

Wray M. Blacklock
 WATERMASTER SIGNATURE

SINKER CREEK WATERMASTER REPORT

DATE ~~10/14/95~~ *11/14/95*

9.1 miles

Instructions for completing form

1. Measure flows at Q_T, Q_M, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.

D₁ 0.6
HULET (live)

D₂ 34.03
HULET (stored)

D₃ 1.55
JLL

Q_M 26.18
CANAL TOTAL

Q_A 0
CREEK

Q_T 2.15
INLET

D₄ 0.04

D₅ 2.23 *leaking*

D₆ 1.25 *leaking*

D₇ 1.07 *leaking*

D₈ 0.865

D₉ 1.81 *leaking*

JLL TOTAL 8.034

Sinker Creek

D₁₀ 0
TYSON

D₁₁ 3.30
NAHAS

Q_B 0.5
CREEK

Snake River

Computing Natural Flows

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

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

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	.6	1.55		12.434
D3 (J)	2	18.61**	1.55*	0		12.434
D4-9 (J)	2					8.034
D10 (T)	3	6.56			0	4.4
D11 (N)	4	2.63			3.8	4.6
D3 (J)	5	2.46**				
D4-9 (J)	5					
D1 (H)	6	400.00				
D11 (N)	7a	0.97				
D11 (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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COMMENTS: Beach Running Approx. 668

Counted up Res Approx 210 full credits. Res is close to empty and measurements will be dropping from there on Aug 11 measurement still in Soap Mail Box

Aug 26 Tony covered said out of water approx Aug 23, over head using Mary m. Blackhairs
 Aug 28 Pense called said water out of Res Aug 15, but with water still in WATERMASTER SIGNATURE
 Canal or Pans Pumping water at Highway Pan out over Reservoir, Aug 22,

on way up to canal cfs was 16.08

SINKER CREEK WATERMASTER REPORT

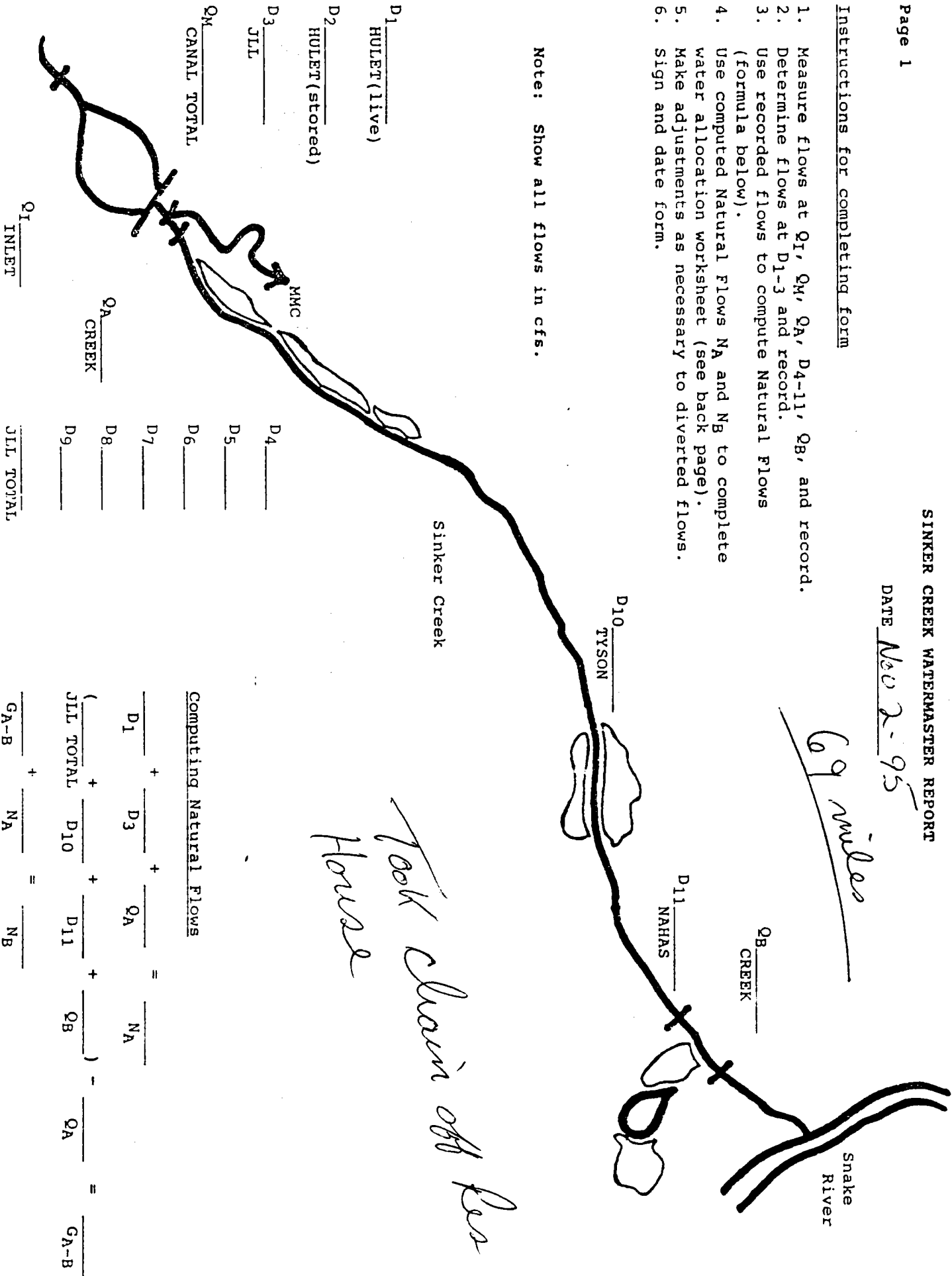
DATE Nov 2-95

69 miles

Snake River

1. Measure flows at Q_I, Q_M, Q_A, D₄₋₁₁, Q_B, and record.
2. Determine flows at D₁₋₃ 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.



Q_I INLET

Q_A CREEK

D₄ _____
 D₅ _____
 D₆ _____
 D₇ _____
 D₈ _____
 D₉ _____

Sinker Creek

D₁₀ TYSON

D₁₁ NAHAS

Q_B CREEK

Computing Natural Flows

$$\begin{aligned}
 & \frac{D_1}{\text{JLL TOTAL}} + \frac{D_3}{\text{D}_{10}} + \frac{Q_A}{\text{D}_{11}} + \frac{N_A}{Q_B} - \frac{Q_A}{\text{GA-B}} = \frac{\text{GA-B}}{\text{GA-B}} \\
 & \frac{D_1}{\text{JLL TOTAL}} + \frac{D_3}{\text{D}_{10}} + \frac{Q_A}{\text{D}_{11}} + \frac{N_A}{Q_B} - \frac{Q_A}{\text{GA-B}} = \frac{\text{GA-B}}{\text{GA-B}}
 \end{aligned}$$

WATER ALLOCATION WORKSHEET

PARTY	RANK	AMOUNT (cfs)	REACH A		REACH B	
			DIV	RNF	DIV	RNF
D1 (H)	1	0.6	_____	_____	_____	_____
D3 (J)	2	18.61**	_____*	_____	_____	_____
D4-9 (J)	2		_____	_____	_____	_____
D10 (T)	3	6.56	_____	_____	_____	_____
D11 (N)	4	2.63	_____	_____	_____	_____
D3 (J)	5	2.46**	_____	_____	_____	_____
D4-9 (J)	5		_____	_____	_____	_____
D1 (H)	6	400.00	_____	_____	_____	_____
D11 (N)	7a	0.97	_____	_____	_____	_____
D11 (N)	7b	0.834	_____	_____	_____	_____

* If flow is being diverted at D3, then rights ranked 3, 4, and 7a must be satisfied
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COMMENTS:

WATERMASTER SIGNATURE