

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A36-07824
Date Received: 8/ 7/1991
Receipt No: C021425
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: MANTECH INC. 801-363-1241
Address: C/O RICHARD N. GREENE
515 S 700 E
SUITE 3R
SALT LAKE CITY, UT 84102

OR
Name: B C HYDRO LTD. 801-363-1241
Address: C/O RICHARD N. GREENE
515 S 700 E
SUITE 3R
SALT LAKE CITY, UT 84102

2. Date of Priority: SEP 13, 1978

3. Source: BOX CANYON SPRING Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
08S	14E	28	SW	NE	NE		GOODING
			SE				GOODING

5. Description of diverting works:
DAM & PIPELINE.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
POWER	01/01	12/31	300.000		

7. Total Quantity Appropriated is:
300.000 C.F.S. (and/or) A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
POWER - 2 GENERATORS
GENERATING CAPACITY

A36-07824

300.0 KILOWATTS
Page 1

Date: 08/07/91

MICROFILMED

FEB 05 1993

10. Place of Use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
08S	14E	28		3	POWER	
				4	POWER	
				7	POWER	

11. Place of use in counties: TWIN FALLS

12. Do you own the property listed above as place of use? NO

13. Other Water Rights Used:
NONE

14. Remarks:
NOT TO EXCEED 300. CFS.
P/D IN LOTS 3 & 4 S28, T8S, R14E.

15. Basis of Claim: PERMIT

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am _____ of
_____, that I have signed the foregoing
_____, that I have signed the foregoing
document in the space below as _____ of
_____, and that the statements contained in the
_____,
foregoing document are true and correct.

Signature of Authorized Agent

Title and Organization

Date

State of Idaho)
County of _____) ss.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____

My Commission Expires _____



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

July 7, 1994

KEITH HIGGINSON
DIRECTOR

JUL 12 1994

Department of Water Resources
Southern Region Office

RICHARD N GREENE
MANTECH INC
BC HYDRO LTD
1400 S FOOTHILL DR B25
SALT LAKE CITY UT 84108

RE: Snake River Basin Adjudication (SRBA)
Notice of Claim No. A36-07824
Change of Address Notification

Dear Claimant:

In July, 1993, you wrote a change of address on the billing statement for the time payment on your Notice of Claim referenced above. The change of address note you sent our Department sufficed to change IDWR records, but not those of the SRBA court. SRBA Judge Hurlbutt issued an Order June 17, 1993 requiring claimants like yourself identified in a Director's Report to use Standard Form 3 for change of address.

I have enclosed Standard Form 3 for your use. Please contact us or the Court (208/736-3011) if you have any questions.

Sincerely,

Idaho Department of Water Resources
Adjudication Bureau

SO:region

Enclosure:

Standard Form 3

MICROFILMED

OCT 20 1994

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A36-07824
Date Received: 8/7/1991
Receipt No: 002425
Received By: _____

RECEIVED
AUG 07 1991

Department of Water Resources NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: MANTECH INC.
Address: C/O RICHARD N. GREENE
515 S 700 E
SUITE 3R
SALT LAKE CITY, UT

801-363-1241

84102

OR

Name: B C HYDRO LTD.
Address: C/O RICHARD N. GREENE
515 S 700 E
SUITE 3R
SALT LAKE CITY, UT

801-363-1241

84102

2. Date of Priority: SEP 13, 1978

3. Source: BOX CANYON SPRING Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08S	14E	28	SW	NE	NE		GOODING
			SE	NE	NE		GOODING

5. Description of diverting works:
DAM & PIPELINE.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
POWER	01/01	12/31	300.000		

7. Total Quantity Appropriated is:
300.000 C.F.S. (and/or)

Kilowatts 300

8. Total consumptive use is: None Acre Feet Per Annum.

9. Non-irrigation uses: Power - (2) Generators

MICROFILMED
FEB 05 1992

10. Place of Use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
08S	14E	28		3	POWER	
				4	POWER	
				7	POWER	

11. Place of use in counties: ~~GOODING~~ TWIN FALLS

12. Do you own the property listed above as place of use? ~~YES~~ No, leased, place of use, Richard & Edith Kaster

13. Other Water Rights Used:
NONE

14. Remarks:
NOT TO EXCEED 300. CFS.
P/D IN LOTS 3 & 4 S28, T8S, R14E.

15. Basis of Claim: PERMIT

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 2

For Organizations:

I do solemnly swear or affirm that I am President of
Mantech, Inc. Title
Organization, that I have signed the foregoing
document in the space below as President of
Title
Mantech, Inc. and that the statements contained in the
Organization
foregoing document are true and correct.

Richard W. Quinn
Signature of Authorized Agent

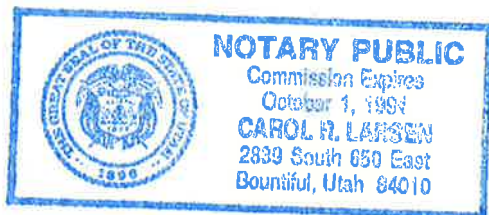
President, Mantech, Inc.
Title and Organization

AUGUST 5, 1991
Date

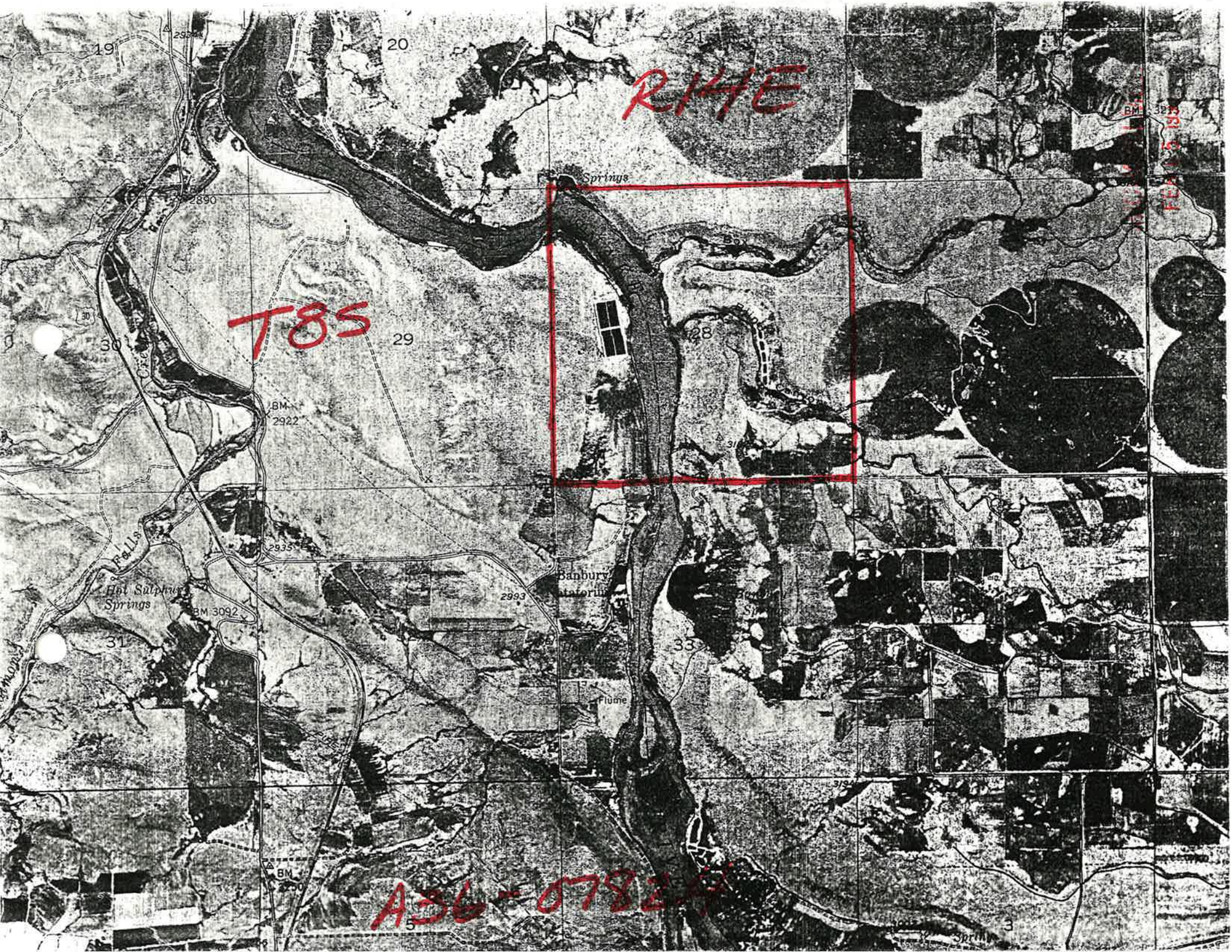
State of ~~Utah~~ Utah)
County of Davis) ss.

Subscribed and sworn (or affirmed) before me this 5th day
of August 19 91 Carol R. Larsen
Notary Public

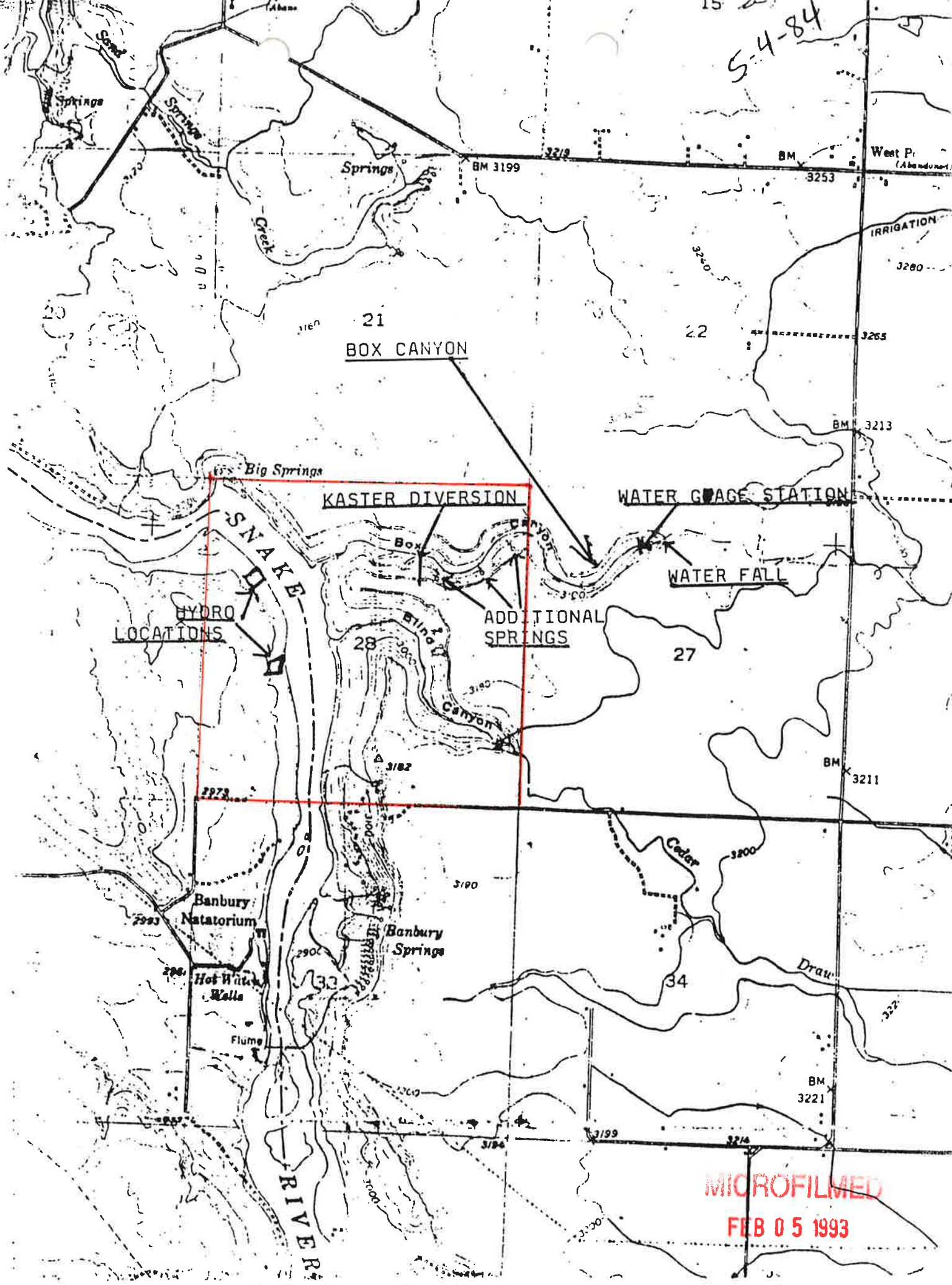
Seal



Residing at Davis County
My Commission Expires Oct 1, 1994



5-4-84



MICROFILMED
FEB 05 1993

4/5/1989

SRBA CLAIMS RECEIVING CHECKLIST #2

CLAIMANT'S NAME

Mantle, Inc / ^{Area} BC Hydro Limited

IDENT. NO.

A36-07824

DATE RECEIVED

8-7-91

CK #

AMOUNT \$

pd. 20% of 1100\$ fees

YES

NO

Required Info?

1. Is the name and address complete with zip code? ☒ *
2. Is a priority date entered? ☒ *
Is the priority date acceptable in view of mandatory filing dates? ☒ *
See Adjudication Memos #1 and #4 to determine if a Permit is required. ☒ *
3. (a) Is a source entered? ☒ *
(b) Is a tributary to entered? (if required) ☒ N/A *
4. Is the legal description of the p.d. sufficient? ☒ *
5. Is there a description of the diverting works? ☒ *
6. Are the water uses appropriate for the form? The short form is limited to domestic and stockwater uses with direct diversion. All claims that include storage or instream stockwater must use long form. ☒ *
Is the period of use included? ☒ *
Is a quantity claimed for each use? ☒ *
7. Is a total quantity claimed entered? ☒ *
8. If required is a consumptive use entered? ☒ N/A *
Is the consumptive use correct? ☒ N/A *
9. Are the non-irrigation uses listed properly? If this claim is on the short form, and more than one domestic use is listed, single ownership must be stated. If not under single ownership, see Adjudication Memo # 4. ☒ N/A *
10. Is (are) the place(s) of use and purpose(s) indicated? ☒ *
11. Is (are) the county(ies) entered? ☒ *
12. Is the ownership of p.u. checked? ☒ *
13. Are other water rights listed or "none" indicated? ☒ *
14. If required, are remarks correct? (If the claimant does not own the place of use, authority for filing the claim must be explained in the remarks.) ☒ N/A *
15. Is the basis of the claim indicated? ☒ *
16. If the claimant requested a monthly docket sheet, is payment enclosed? (If yes, describe payment status in "Comments" below.) ☒ N/A *
17. Is the claim signed by the claimant, and is the signature appropriate? Organizations must complete the organization block. ☒ *
18. Has the claim been signed, sealed, and dated by a notary? ☒ *
19. Was this claim filed on time, or was an extension granted? ☒ NOT LATE NO Commencement Notices sent *
20. Is the fee enclosed correct? ☒ Exempt pd 20% *
21. If this claim is based on an existing water right, has the identification number been entered? ☒ N/A *
22. Should this claim be data entered? ☒ *

Claim checked by: ABDate: 8-7-91

Claim must be returned to claimant:

(Yes) ☒ (No)

Claimant must be notified of modifications:

(Yes) ☒ (No)

Receipt Prepared by:

Claim data entered by: AB

Sent to claimant by:

Date:

Date: 8-7-91

Checked by:

Date:

Comments:

need to correct receipt to set up AR account

FEB 05 1993

RECEIVED

AUG 07 1991

Department of Water Resources

MANTECH, INC.
515 SOUTH 700 EAST, SUITE 3R
SALT LAKE CITY, UT 84102
(801) 363-1241

August 5, 1991

Anna Baumhoff
Sr. Water Resource Agent
Adjudication Bureau
State of Idaho
Department of Water Resources
1301 North Orchard Street
Statehouse Mail
Boise, ID 83720-9000

RE: Civil Case #39576, Identification #A36-07824

Dear Anna:

Enclosed is the executed Notice of Claim along with a payment in the amount of \$220. The payment represents the election to use the extended payment plan; therefore, one-fifth of the \$1,100 fee is paid at this time.

I have received instructions on the extended payment plan and understand that one-fifth of the total amount due plus 10% interest is due in payable on August 1 for the next four years.

Please contact me at your earliest convenience if there is any additional information you need to process this claim regarding the general adjudication of rights to use the water from the Snake River Water Basin.

Kindest personal regards,

Richard N. Greene

Richard N. Greene

RNG:csd

Enclosure

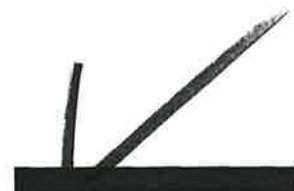
MICROFILMED

FEB 05 1993

R PROOF



CVR



MAPS



PHOTOS



MISC



MICROFILM

FEB 05 19

Water Right Number - R36-07824

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - +

+ - First Name - - +

+ - - - - Address - - - - - +

*** C - CURRENT OWNER ***
B C HYDRO LTD.

1 - C/O RICHARD N. GREENE
2 - 515 S 700 E
3 - SUITE 3R
City- SALT LAKE CITY
Phone - 801-363-1241
1 - C/O RICHARD N. GREENE
2 - 515 S 700 E
3 - SUITE 3R
City- SALT LAKE CITY
Phone - 801-363-1241

State- UT Zip- 84102

MANTECH INC.

State- UT Zip- 84102

+ - - Priority Date - - +
09/13/1978

+ - - Region - - - +
17 SOUTHERN

+ - - Stage - - - +
P - PERMIT

+ - - Status - - - +

+ - - Source - - - - - +
BOX CANYON SPRING

+ - - Tributary - - - - - +
SNAKE RIVER

Point of Diversion						
Twn	Rng	Sec	Tract	Lot	RFlg	County
08S	14E	28	SW NE		(47)	GOODING
			SE NE		(47)	GOODING

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
28 - POWER		01/01	12/31		300.000	

Total Div. Rate	Total Div. Volume	Total Consumptive Use	KW Usage
300.000		0.0	300.0

Place of Use						
Twn	Rng	Sec	Tract	Lot	Acres	Code
08S	14E	28	SW NW	3		28 POWER
08S	14E	28	NE SW	4		28 POWER

(83) TWIN FALLS
(83) TWIN FALLS

Total Acres:

+ - - Diversion Means - DAM & PIPELINE.

+ - - Non-Irrigation Use - POWER - 2 GENERATORS

+ - - Other Rights for Same Use - NONE

+ - - Remarks - - - - - +
No Remarks found.

VERIFIED
MICROFILMED
FEB 05 1993

Water right number - R36-07824

Prefix Translation: RESEARCH

+ - - - - Old Water Right Numbers - - - - - +

+ - - - - Old Water Right Numbers - - - - - +

No Old Water Right Numbers Found

+ - - - - Conditions of Approval - - - - - +

A01 - THIS RIGHT IS CONDITIONED UPON COMPLETION OF THE APPROPRIATION
- IN ACCORDANCE WITH THE STATUTORY PROCEDURE FOR APPROPRIATION
- OF WATER RIGHTS. THIS RIGHT REMAINS SUBJECT TO ALL CONDITIONS
- SET FORTH IN THE PERMIT UPON WHICH THIS RIGHT IS BASED, AND WILL
- BE SUBJECT TO ALL CONDITIONS SET FORTH IN THE LICENSE ISSUED BY
- IDWR UPON COMPLETION OF THE STATUTORY APPROPRIATION PROCESS.

+ - - - Decree Plaintiff - - - +

+ - - - Decree Defendant - - - +

+ - Decree Date - +
00/00/0000

+ - - - - Comments - - - - - +

Date: 07/10/1992 User Id: MERRITT Subject: LICENSE PENDING THIS DATE

+ - - Audit Fields - - +

07/31/92 MERRITT

+ - - - - Adjudication Rights Dates and Flags Area - - - - - +

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 07/31/1992	Old Judicial District	-
Claim Received Date	- 08/07/1991	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- C021425	Water District	-
		POU Ownership Flag	- N	Federal/State Indicator	- S
		Name Connector	- OR	Presumption Flag	-
				Notice of Error Flag	-

MICROFILMED

FEB 05 1993

Allen -

I'm sending these
copies to you for your
information.

Also, 36-7809 thru 7813
should be licensed soon -
they misplaced the amendments
and requested new copies
which I mailed last week.

Sharla

RECEIVED

JUL 23 1992

Department of Water Resources
Southern Region Office

MICROFILMED
FEB 05 1993

MEMORANDUM

TO: File 36-7824
FROM: Sharla
DATE: July 15, 1992
RE: Telecon with Richard Greene

RECEIVED

JUL 23 1992

Department of Water Resources
Southern Region Office

On this date, Mr. Green contacted me regarding my correspondence of 7/1. *(copy attached)*

He requested that we hold license issuance for 60 days to allow him to talk to Clear Springs Trout Co. He understands that we cannot issue a license for water that does not reach their power sites, however, he wants to pursue the legal issue of the contract which states that CSTC will supply 300 cfs to Mantech.

He will contact me again at the end of the 60-day period.

MICROFILMED

FEB 05 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

July 1, 1992

RE: Permit No. 36-7824

Richard N. Greene
Mantech Inc.
515 S. 700 E. #3R
Salt Lake City, UT 84102

Dear Mr. Greene:

First, I apologize for the delay in responding to your correspondence of March 16. It has been a busy spring and it looks like summer could get even worse.

I have reviewed the agreement with Clear Springs Trout Co. and have discussed the matter with my supervisor. Clear Springs Trout Co. has a water right (No. 36-7040) which entitles them to divert a total of 300 cfs from Box Canyon Creek for fish propagation use. Your permit is for the re-use of this water for power purposes. The agreement in fact granted Mantech Inc. the receipt and utilization of 300 cfs. However, our field examiner verified that a certain amount of water leaving the raceways enters the Snake River before reaching your power plants. I have enclosed the diagram drawn by our examiner for this determination.

If you have evidence to show that the entire 300 cfs reaches your plants and that the losses shown to occur are incorrect, we are willing to review it upon submittal. I will withhold action on this right for 30 days to allow you to respond. If I do not hear from you within that time, the license will be issued as originally proposed.

Sincerely,

SHARLA CURTIS
Sr. Water Resource Agent

Enclosure

MICROFILMED

FEB 05 1993

ROUTING SLIP

TO: Anna Baumhoff, Adjudication

FROM: Jim Stanton

DATE: 8-8-91

TIME: _____

Our Conversation

Your Request

The Attached

A. Prior to Copying

☒ Blank

☒ Copy of

☒ Copies

☒ Computer

☒ Copy of

☒ Check for
Check

FOR YOUR:

Information

Approval

Signature

REVIEW AND:

Take Proper Action

Comment

Draft A Reply

ATTACHED TO BE:

Posted

Circulated

Distributed

Returned To Me

Filed

Copied (____ copies)

Overlap? ☒ Add acres or uses to existing system.
[] Increase rate of flow or volume.
[] Other _____

Check of PU Index JS 8-6-91 (Initial & Date)

Overlap? [] Yes ☒ No If yes: [] Copy of Water Right(s)
Attached?

Type of Overlap [] Increase rate or flow volume.
[] Add P/D's
[] Increase No. of acres within tracts.
[] Other _____

Aerial Photo

[] Required? [] Yes ☒ No If yes: [] copy attached?
Scheduling letter sent? _____ (Initial & Date)
[] Appointment made and telephone conversation memo
attached.

B. After Conducting the Exam, the file contains:

☒ Fully completed and signed Field Report Form

☒ Photographs of Point of Diversion and Place of Use

[] Corrected Computer Data Proof Report with recommended license
information, and date and signature of examiner.

C. Review and Processing:

Exam completed JS Stanton 8-8-91 (Signature of Examiner (date))
Exam reviewed by Sr. Water Res. Agent _____ (Init & date)
Exam reviewed by Mgr of Reg. Office _____ (Init & date)
Exam date entered in computer _____ (Init & date)
Exam sent to S.O. _____ (Init & date)
Copy of Staff Analysis Sheet sent to Mgr. of Reg. Office and Orig.
re-filed in White File. _____ (Init & date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Permit No. 36-7824

STAFF ANALYSIS SHEET
For
BENEFICIAL USE FIELD REPORT

A. Prior to Conducting the Exam, the file contains:

- ☒ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval.
- ☒ Computer Data Proof Report
- ☒ Copy of USGS Quad Map
- ☒ Check for Government Lots. If so, make a copy of Gov. plat.
Check of P/D index JA 8-6-91 (Initial & Date)

Overlap? ☒ Yes ☐ No If Yes: ☐ Copy of Exam(s) Attached?
Type of Overlap ☒ Add acres or uses to existing system.
☐ Increase rate of flow or volume.
☐ Other _____

Check of PU Index JA 8-6-91 (Initial & Date)

Overlap? ☐ Yes ☒ No If yes: ☐ Copy of Water Right(s)
Attached?
Type of Overlap ☐ Increase rate or flow volume.
☐ Add P/D's
☐ Increase No. of acres within tracts.
☐ Other _____

Aerial Photo
☐ Required? ☐ Yes ☒ No If yes: ☐ copy attached?
Scheduling letter sent? _____ (Initial & Date)
☐ Appointment made and telephone conversation memo
attached.

B. After Conducting the Exam, the file contains:

- ☒ Fully completed and signed Field Report Form
- ☒ Photographs of Point of Diversion and Place of Use
- ☐ Corrected Computer Data Proof Report with recommended license
information, and date and signature of examiner.

C. Review and Processing:

Exam completed JE Stanton 8-8-91 (Signature of Examiner (date))
Exam reviewed by Sr. Water Res. Agent _____ (Init & date)
Exam reviewed by Mgr of Reg. Office _____ (Init & date)
Exam date entered in computer _____ (Init & date)
Exam sent to S.O. _____ (Init & date)
Copy of Staff Analysis Sheet sent to Mgr. of Reg. Office and Orig.
re-filed in White File. _____ (Init & date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

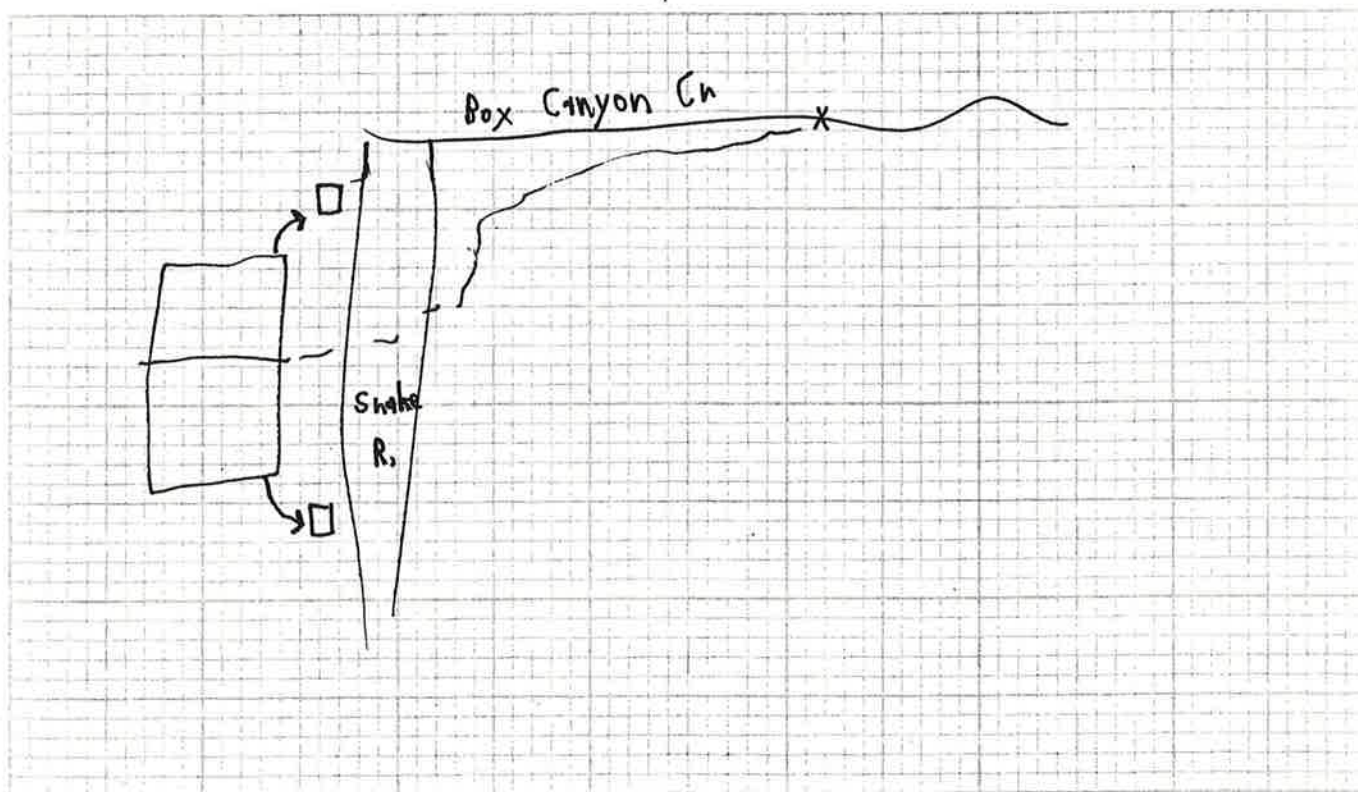
1. Owner: Mqntech, Inc. Permit No. 36-7824
Current Address: 515 S. 700 E., Suite 3R, Salt Lake City, UT 84102 (Richard Greene) Phone No. 801-363-1241
2. Accompanied by: Scott Kaster EXAM. DATE: 8-7-91
Address: Rt. 3 Box 430, Buhl, ID Phone No. 543-5971
Relationship to Permit Holder: plant operator
3. Source: Box Canyon Spring tributary to Snake River
Creek

B. OVERLAP REVIEW

1. Other water rights with same place of use: — ☐ Copies Attached
2. Other water rights with same point of diversion: 36-7040, 36-7797 ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____.

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required). ☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

MICROFILMED
FEB 05 1993

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

Existing diversion works From Box Canyon Creek, pipeline under Snake River to Clear Springs Trout Co. power/fish propagation Facility.
 North plant - Electric Machinery Mfg. Co. synchronous generator #504169
 150 kW at 200 rpm. Produces 125 kW AC power per meter in building. About 17' head
 South plant - same equipment, no tag. About 13' head. 75-80 AC kW generation

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		~~NE~~	~~SW~~	~~NE~~	28	85	14E	Gooding	Site inspection, quad map
		SW	NW	NE					
	3		SW	NW	"	"	"	"	Re-div. to north plant
	4		NW	SW	"	"	"	"	Re-div. to south plant

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
85	14E	28							Lt 3 P		Lt 4 P								

Do not use this space

MICROFILMED

FEB 05 1999

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

Flow From Box Canyon Diversion previously measured & licensed for 300 cfs where pipeline enters Clear Springs Trout Co. system.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

1 FEB 05 1993

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Source could be deemed to be wastewater, since the water does not enter the permit holder's system until after being used for fish propagation & power production by Clear Springs Trout Co. The diversion works from Box Canyon Creek to the Clear Springs Facility were built & are controlled by Clear Springs.

Plants are designed for 150 cfs each. Spill not reaching north plant estimated 3 cfs. South plant loses 15-20 cfs to hatchery building for Clear Springs, etc.

North plant should get 145 cfs, & south plant should get 130 cfs, according to Clear Springs Trout Co. Recommend this amount be licensed.

Recommend requirement for inlet & outlet measuring devices be removed - not practical & would not provide any needed information.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Power	1-1	12-31	275.0	
Totals:			275.0	

2. Recommended Amendments

☒ Change P.D. as reflected above

☐ Add P.D. as reflected above

☐ None

☐ Change P.U. as reflected above

☐ Add P.U. as reflected above

☐ Other

J. AUTHENTICATION

Field Examiner's Name

J. E. Stanton

Signature

J. E. Stanton

Certification Date

Field Report Preparation Date

8-8-91

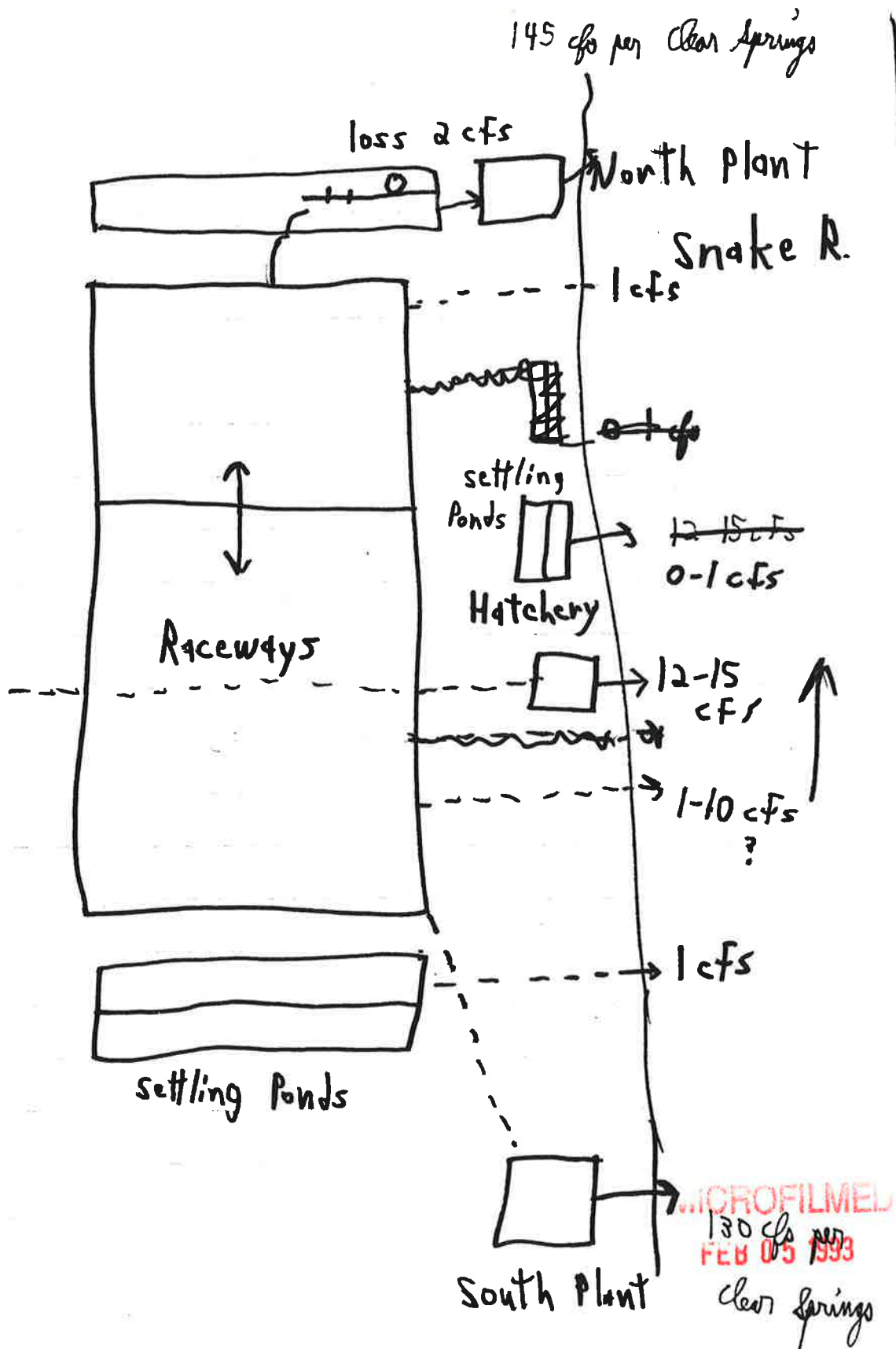
CONSULTANT SEAL

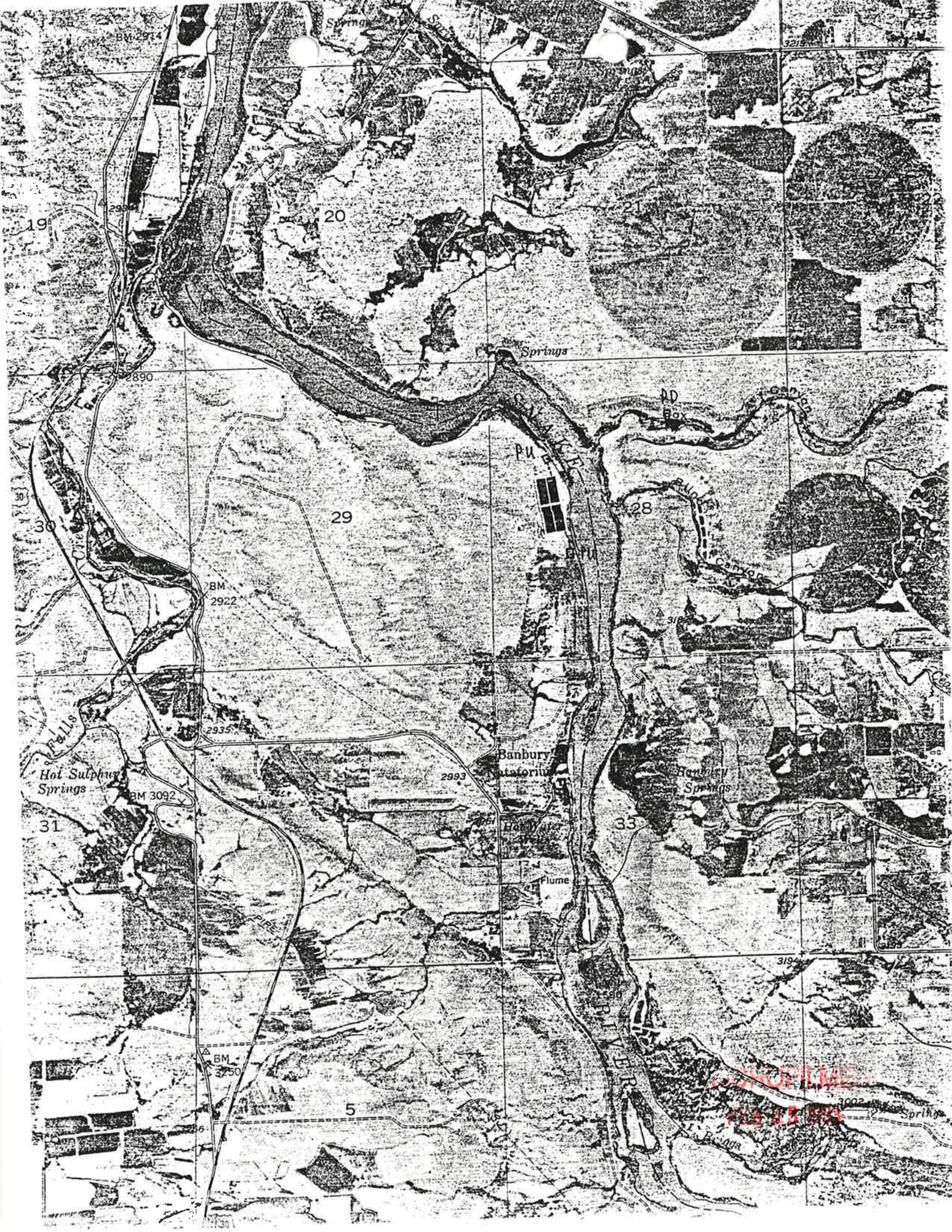
K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

MICROFILMED

FEB 05 1993

36-7824





36-7824



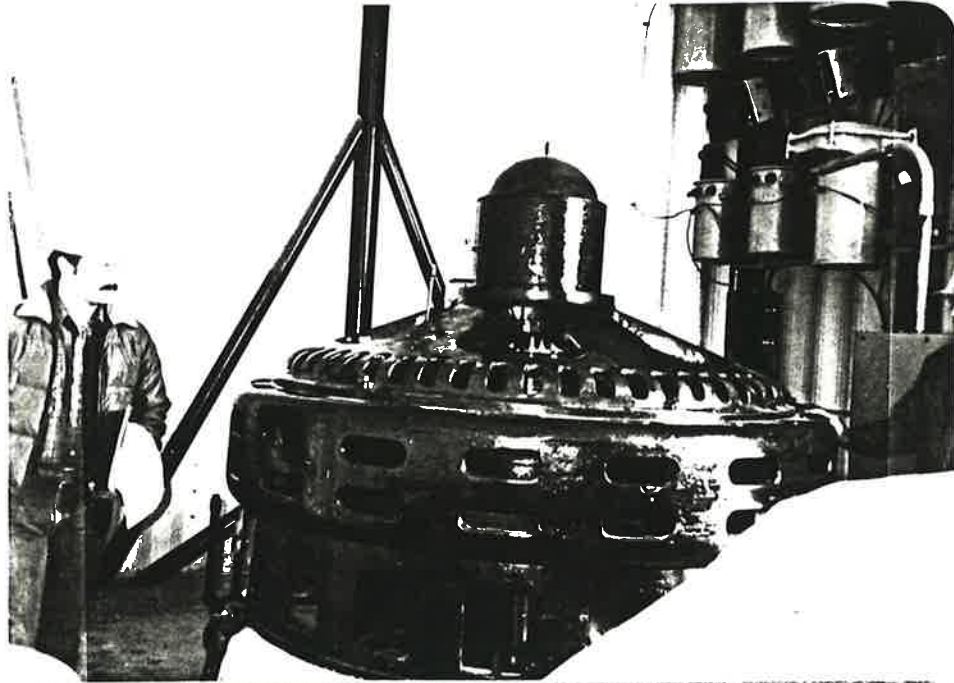
North Plant Power Meter

MICROFILMED

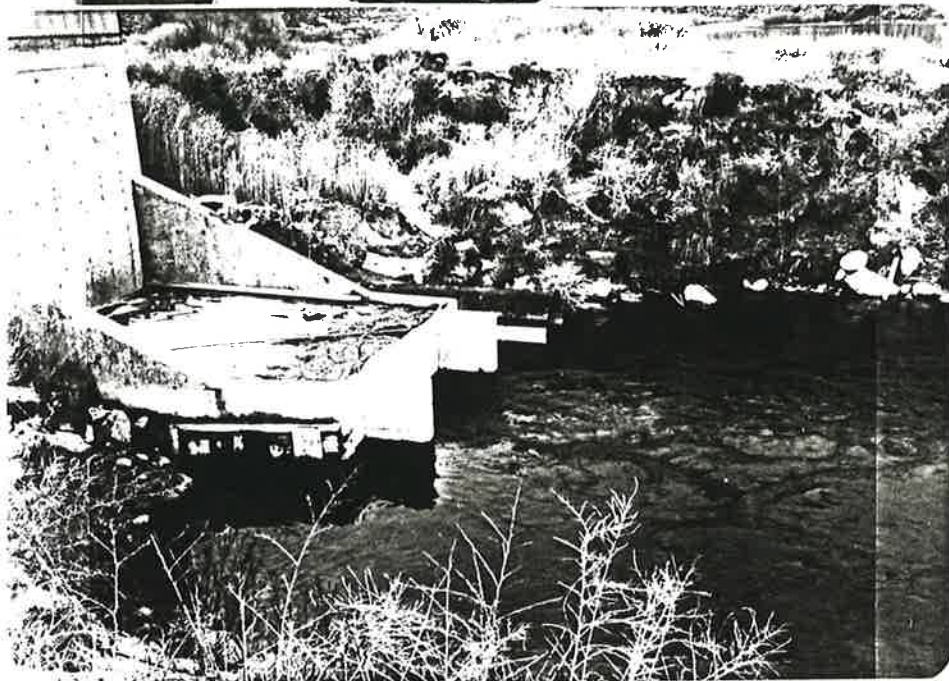
FEB 05 1966

36-7824

North plant
Generator

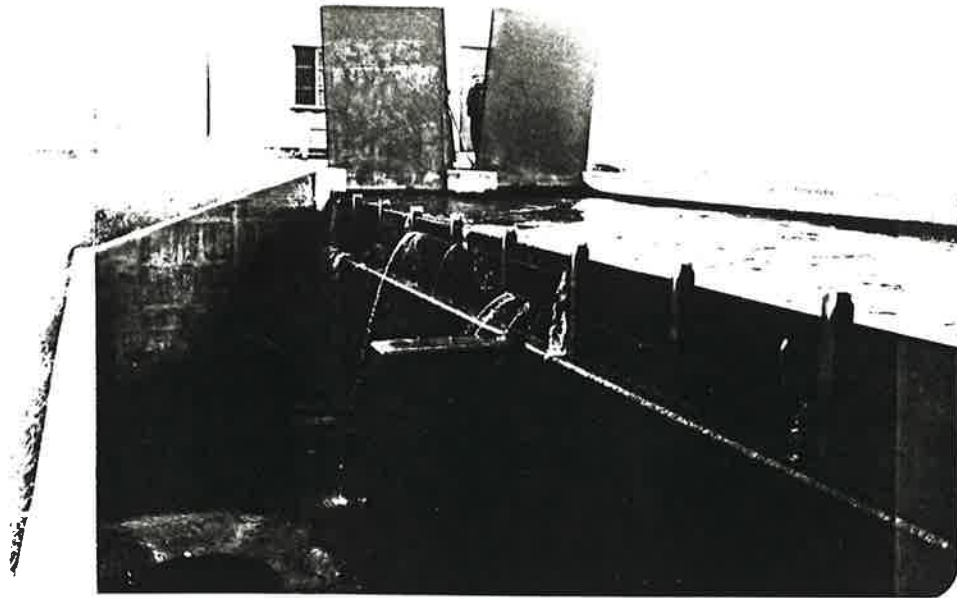


outlet to
Snake R.



MICROFILMED
FEB 05 1966

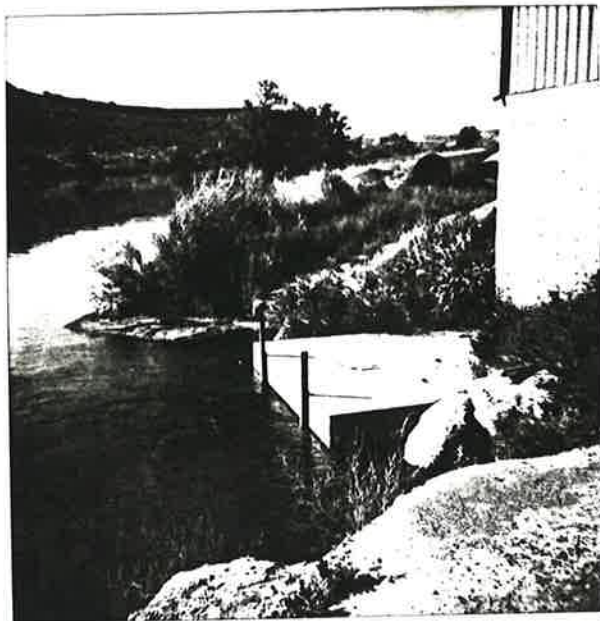
North Plant
Inlet



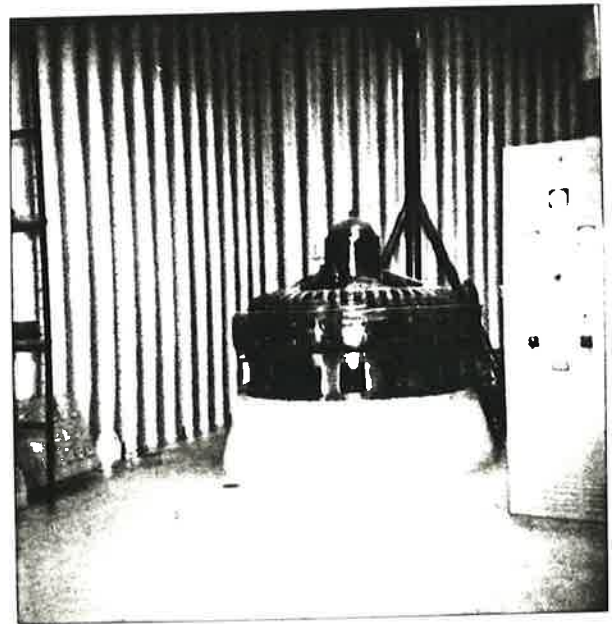
Inlet

See page Loss From Inlet

FEB 05 1995

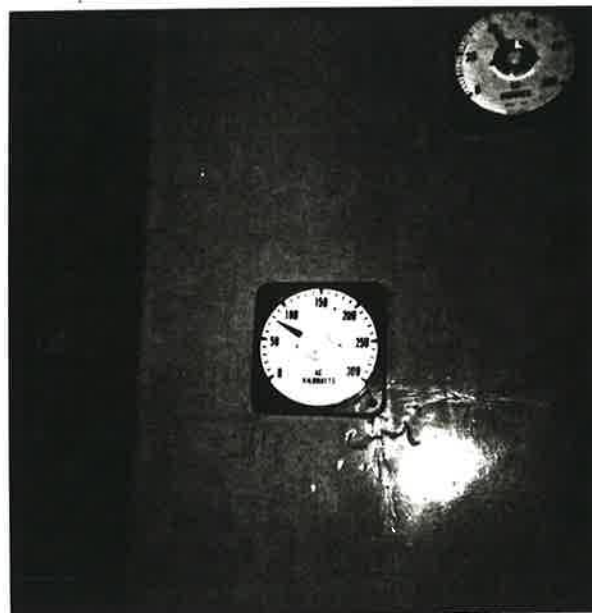


South Plant Outlet



Generator

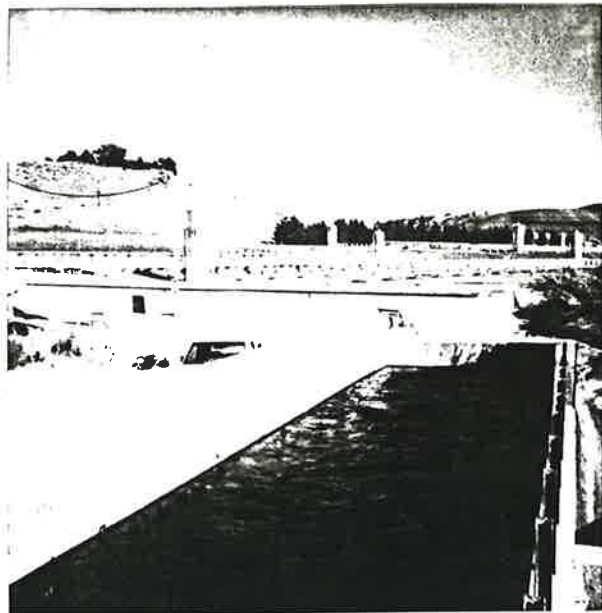
Power Meter -
South Plant



MICROFILMED

FEB 05 1993

36-7824



Inlet Canal - South Plant

MICROFILMED
FEB 05 1993