

T. 39 N.

R. 4 W.
R. 3 W.

Site
"B"

MAKING FILMED
JUL 07 1993

86-7317

1/16 Corner

Section 6
Section 7

T.39 N.
R.3W

1/4 Corner

Site "A" 

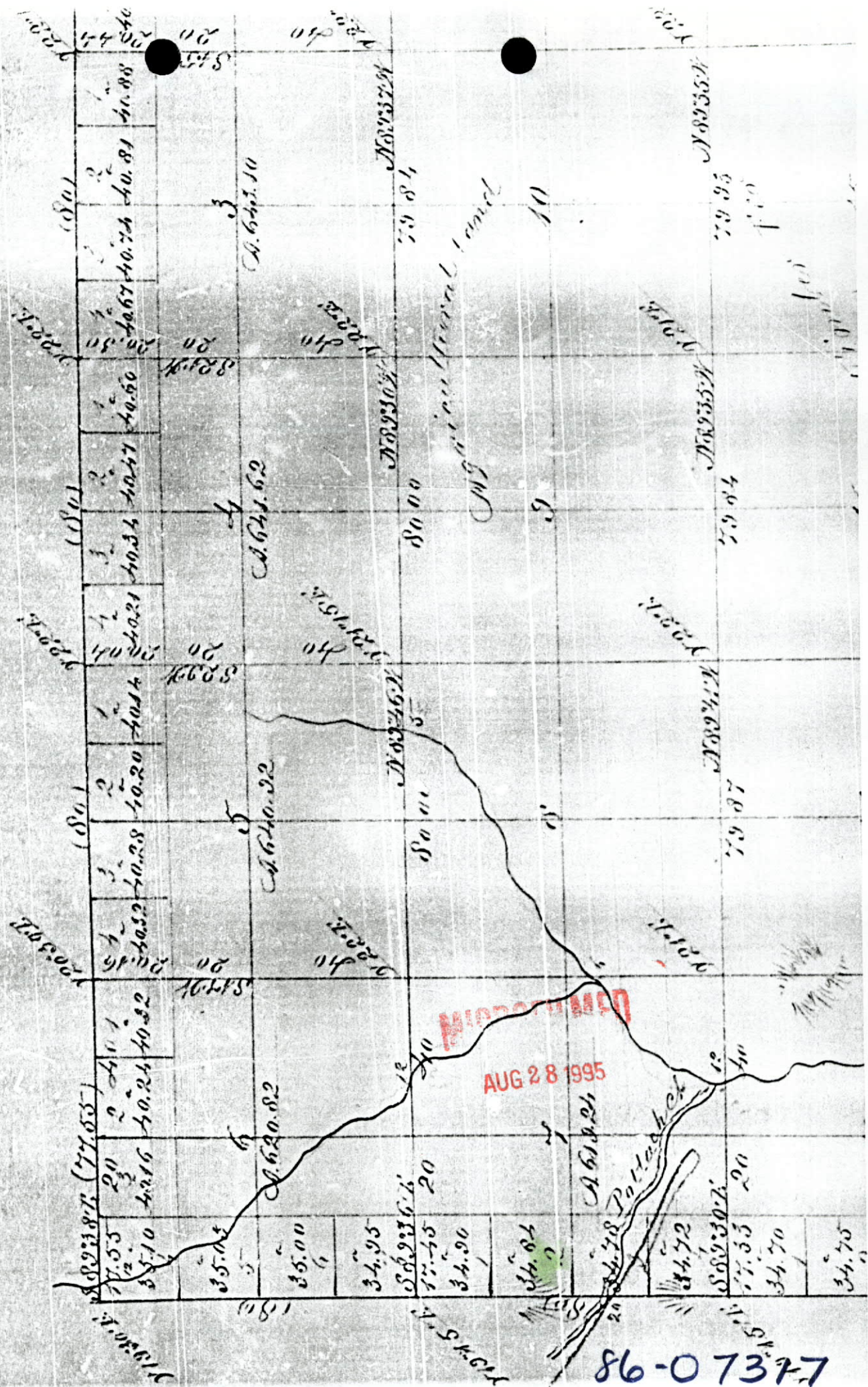
Hammond Addition

REPROFILMED

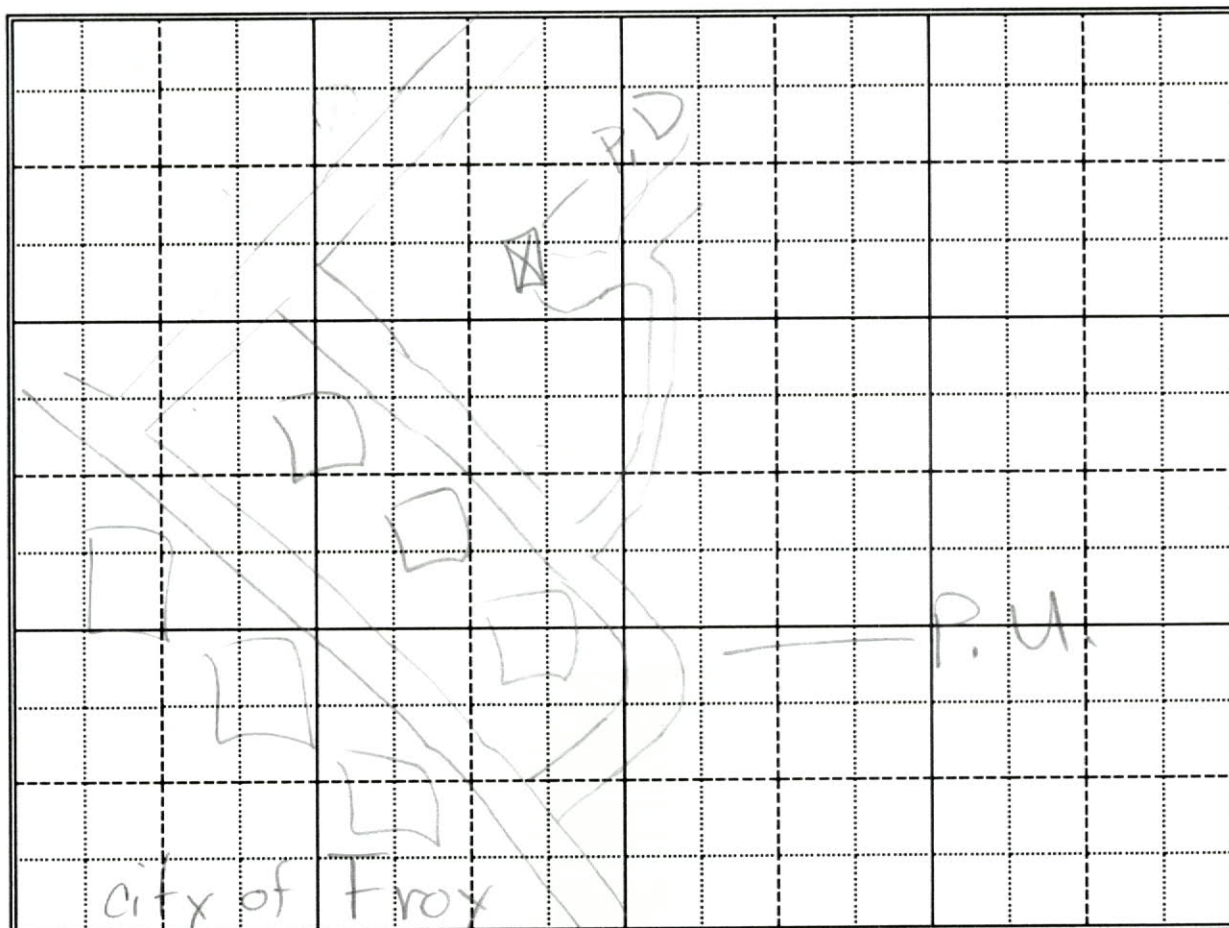
JUL 07 1993

BC

Township No. 39 North Range No. 3 West



3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

☒ Copy of USGS 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)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		50		submersible	4"

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

D. FLOW MEASUREMENTS

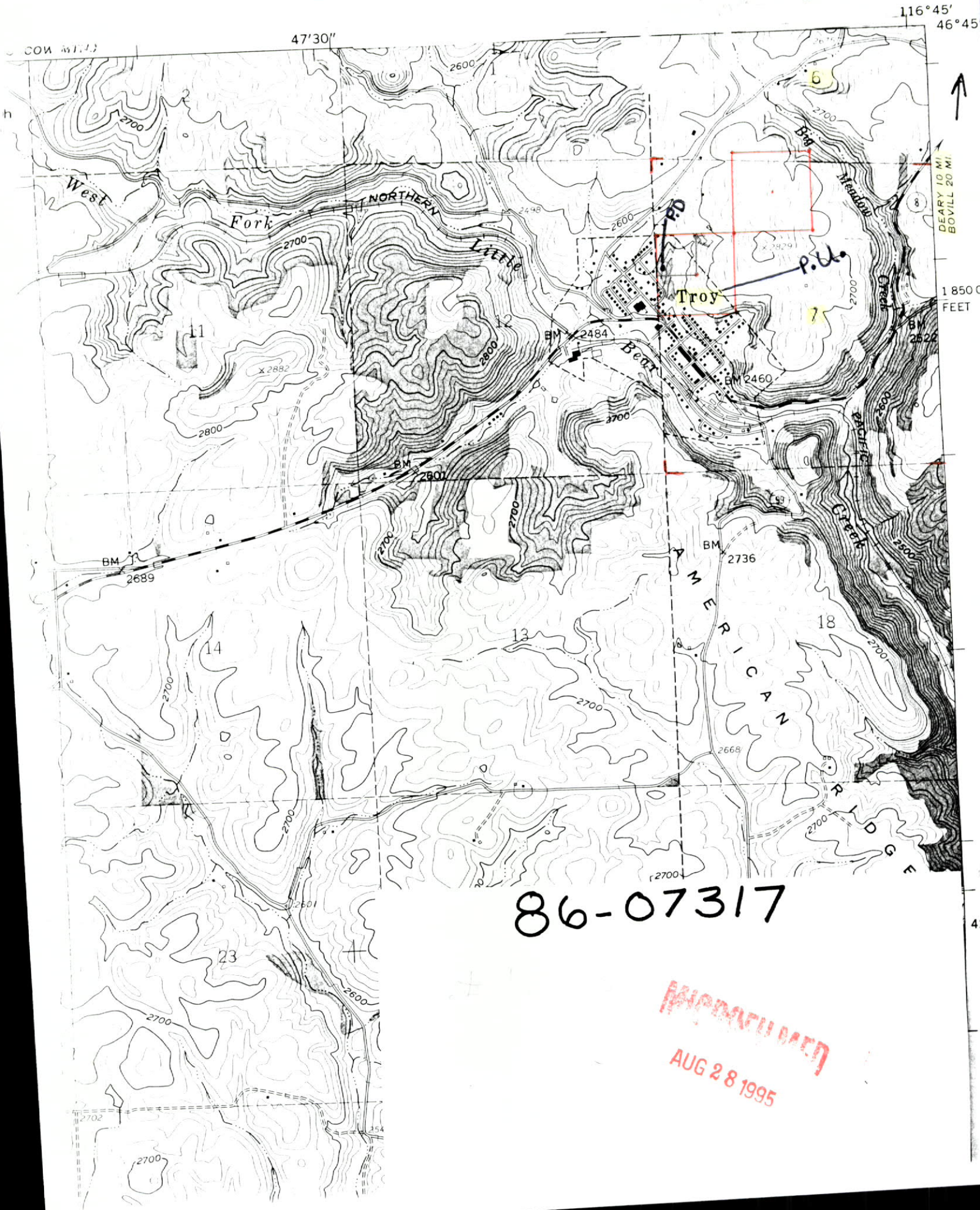
1.

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

2. Measurements: See: Theoretical pump efficiency calculation.

AUG 28 1995

TROY QUADRANGLE
IDAHO-LATAH CO.
SHEETS (TOPOGRAPHIC)





P. D.
←

86-07317

RECORDED

AUG 28 1995

Affidavit of Publication

STATE OF IDAHO
County of Latah

ss.

Lorraine Hudson
Legal Clerk

being first duly sworn, on oath,
deposes and says:

That she is the printer of
Moscow-Pullman Daily News, a
newspaper of general circulation,
printed and published daily except
Sunday at Moscow, Latah County,
Idaho, in compliance with Sections
60-106, 60-107, and 60-108 of the
Idaho Code and the amendments
thereto; that the notice of which the
annexed is a full, true and correct
printed copy was published in the
regular and entire issues of said
newspaper and not in a supplement
thereto, upon the following dates:

Dec. 3, 10,
1992

the same being the dates designated
for the publication of said notice.

Lorraine Hudson
Subscribed and sworn to before

me this 10 day of Dec

1992

Ann Marie Hale
Notary Public,
residing at Moscow, Idaho

My commission expires: 5/11/98

NOTICE OF APPLICATION FOR WATER RIGHTS

The Following application(s) have
been filed to appropriate the public
waters of the State of Idaho:

86-07317

CITY OF TROY

PO BOX 595

TROY, ID 838710595

Source: GROUNDWATER

Diversion Pt: NENENW Sec 7 T
39N R 03W NWSWNW Sec 7 T 39N
03W in LATAH County

Use: MUNICIPAL (1.000 CFS)

Total Diversion: (1.000 CFS)

Date Filed: 11/9/1992

Place of Use is located within the
City Limits of Troy, Idaho.

For additional information con-
cerning the property location, call
the Northern Regional Office at 765-
4639.

The permit(s) will be subject to
all prior water rights. Protests must
be filed with the Director, Dept. of
Water Resources, Northern Region,
1910 Northwest Blvd., Suite 210, Co-
eur d'Alene, Idaho 83814 on or be-
fore DECEMBER 21, 1992.

R. KEITH HIGGINSON, Director
Dec. 3, 10, 1992

RECEIVED

DEC 14 1992

NORTHERN REGION
IDWR

MICROFILMED

JUL 07 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 86-07317

Priority: November 9, 1992

Maximum Diversion Rate:

0.86 CFS

This is to certify, that CITY OF TROY
PO BOX 595

TROY ID 83871-0595 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated November 9, 1992; and has submitted Proof of Beneficial Use on November 22, 1993. An examination indicates that the works have a diversion capacity of 0.860 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	0.86 CFS	

LOCATION OF POINT(S) OF DIVERSION: Lot 2(SWNW), Sec. 7, Township 39N, Range 03W
LATAH County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Place of use is located within the city limits of Troy.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 23rd day of AUGUST, 1995.

Acting for

KARL J. DREHER, Director

MICROFILMED
AUG 28 1995

RECEIVED

NOV 22 1993

Department of Water Resources

OFFICE USE ONLY
Amt. of Fee \$ 100.00
Date 11-23-93
Receipt No. C029052
Receipt by GW

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 86-07317 Telephone No. (208) 835-2741
2. Name(s) of Permit Holder(s): City of Troy
3. Mailing Address: P.O. Box 595, Troy, Idaho 83871-0595
4. Source of Water: Groundwater Well in Duthie Park

If **GROUNDWATER**, Well Driller's Name: Ponderosa Drilling Date Drilled: 12/92-1/93

OPTIONAL:

Pump horsepower: 50 Pressure (psi): 125 Dynamic pumping level (ft.):

5. Extent of Use (as authorized by the permit):

Domestic Population approx. = 850
X (No. of households) Stockwater (No. and type of stock)

Irrigation (No. of acres) Other

6. Total rate and/or volume for which proof is submitted 1.0 cfs OR acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? X Yes No Installed? X Yes No

OR

Flow Measurement Port: Required? Yes No Installed? Yes No

8. Fee Enclosed: \$ 100.00 (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

Stan Greif, City Operator (208) 835-2742
Name Telephone No.

P.O. Box 595, Troy, Idaho 83871-0595
Address

10. The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

11/12/93
Date

Mauryl Mayon
Signature (and title, if on behalf of a company or organization)

AUG 28 1995

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 86-07317

Proposed Priority: November 9, 1992 Maximum Diversion Rate: 1.00 CFS

This is to certify, that CITY OF TROY
PO BOX 595
TROY ID 838710595

has applied for a permit to appropriate water from: GROUNDWATER
and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
MUNICIPAL	01/01 to 12/31	1.00 CFS

LOCATION OF POINT(S) OF DIVERSION: NENENW , Sec. 7, Township 39N, Range 03W
NWSWNW , Sec. 7, Township 39N, Range 03W
LATAH County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before February 1, 1994.
2. Subject to all prior water rights.
3. Prior to the diversion of water under this right a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
4. Use of water under this right shall be non-consumptive.
5. The issuance of this right in no way grants any right-of-way or easement across the land of another.
6. Place of use within the city limits of Troy.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

23rd day of December, 1992

R. Keith Higginson
for R. Keith Higginson, Director

MACROFILMED

JUL 07 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant City of Troy, Idaho Phone (208) 835-2741
Post office address P.O. Box 595, Troy, Idaho 83871-0595
2. Source of water supply ground water which is a tributary of N/A
3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of NW $\frac{1}{4}$, Govt. Lot N/A
Sec. 7 Township 39N Range 3W B.M. Latah County; additional
points of diversion if any: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of NW $\frac{1}{4}$, Section 7, T.39N, R.3W. B.M., Latah
County
4. Water will be used for the following purposes:
Site "A" Amount 0.5 for Municipal purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)
Site "B" Amount 0.5 for Municipal purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 1.0 cfs and/or (b) N/A
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. Well, submersible pump, Well house,
4" transmission line to connection with City water distribution system.
 - b. Height of storage dam N/A feet; active reservoir capacity N/A acre-feet; total
reservoir capacity N/A acre-feet; period of year when water will be diverted to storage:
N/A to N/A inclusive.
 - c. Proposed well diameter is 10 inches; proposed depth of well is up to 500 feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? No
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
1 years (minimum 1 year).

NOT RECORDED

JUL 07 1993

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. N/A
- b. Stockwatering; list number and kind of livestock. N/A
- c. Municipal; show name of municipality. City of Troy, Idaho
- d. Domestic; show number of households. 320 Services
- e. Other; describe fully. N/A

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
39	3	7					M		M										N/A

Total number of acres to be irrigated N/A

10. Describe any other water rights used for the same purposes as described above. City of Troy Surface Water Source (Big Meadow Cr.) and other wells

11. a. Who owns the property at the point of diversion? A - Nunan-Discoll B - City of Troy
- b. Who owns the land to be irrigated or place of use? Inside Troy City Limits
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. Agreement allowing well drilling and development for Site A.

12. Remarks: See attached letter dated October 30, 1992

HYDROLOGER

JUL 07 1993

T. 39 N.

R. 4 W.

R. 3 W.



36-731

1/16 Corner

Section 6

Section 7

T. 39 N.

R. 3 W.

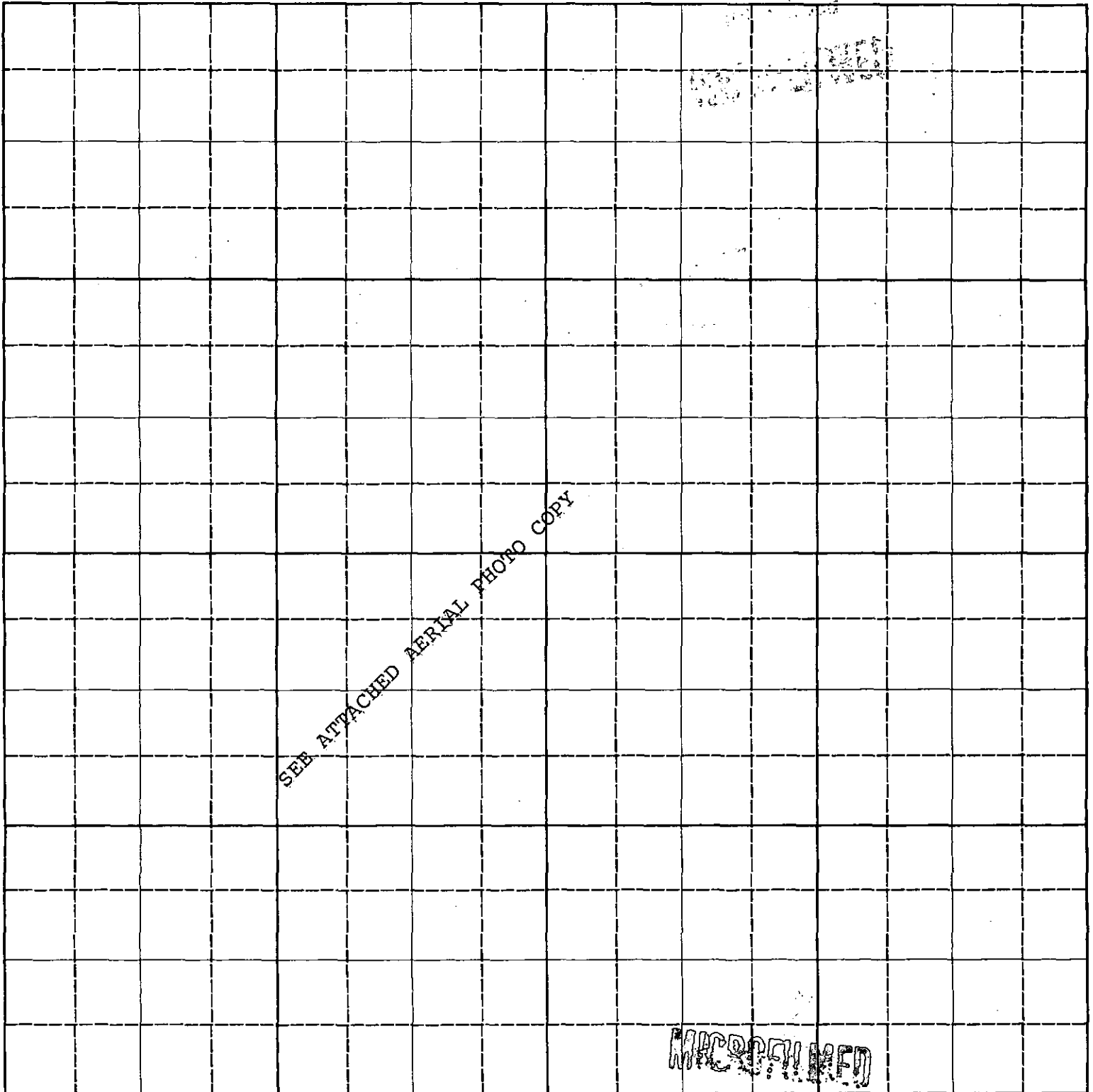
Site A

Hammond Addition

UNRECORDED

1993

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

JUL 07 1993

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Jack S. Hammond, P.E.
(Applicant)
CITY ENGINEER

Received by [Signature] Date 11/9/92 Time 16:07 pm Preliminary check by [Signature]
Fee \$ 45.00 Receipted by [Signature] # N6121 Date 11/9/92
Publication prepared by [Signature] Date 11/25/92 Published in 12/3-10/92
Publication approved [Signature] Date 12/14/92

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. _____, and said application is hereby _____.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19____.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other:

REPRODUCTION

JUL 07 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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

August 24, 1995

CITY OF TROY
PO BOX 595
TROY ID 838710595

RE: WATER RIGHT NO. 86-07317

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED

AUG 28 1995

LICENSE REVIEW CHECKLIST



PERMIT NO. 86-07317 DATE 8-7-95

NAME Change OK ☒ Or Address Change? ☐

PRIORITY DATE ☒ Advance? Advanced to:
 Order to reinstate needed?
 Incorrect fee for rate recommended?

SOURCE ☒ Changes or just clarification of originally intended source?
 Notice of Intent to Void necessary?

POINT OF DIV ☒ Amendment needed? Delete NEW location; add
 ☒ Overlaps? Gov Lot 2

PLACE OF USE ☒ Amendment needed?
 ☒ Overlaps?

DIV RATE ☒ Permit/fee limits: 1 CFS
 Meas Q = 8.8 X .70 X 50 HP Theo Q = .86 Recommend: .86
1.70 + (2.31 X 125) = .86 CFS
 Combined rates exceed capacity

ANNUAL VOLUME NA Volume Limit: Season:
 Calculations: Municipal
 Flow limit: cfs x x 1.9835 =
 Combined volumes exceed capacity/allowable

USES ☒ Change in Nature of Use or additional uses?
 Amendment necessary?

ADDITIONAL INFO Supplemental Groundwater PPU Scenario
 Irr/Dom Combination Shared G/W System

NEW REMARKS Multiple p/d(s) in 1/4 1/4?
 Other

NEW CONDITIONS Watermaster control - District
 Measuring/Locking Devices
 Irrigation Overlap
 Other DELETE 027 and 004
 Water Quality Heat/Cool/Fish verified

COMMENTS: Reduce rate to capacity.

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	
<u>Municipal</u>	<u>.86</u>	<u> </u>	Adjustment Memo Needed	<u>YES</u>
<u> </u>	<u> </u>	<u> </u>	LICENSE	☒
<u> </u>	<u> </u>	<u> </u>	1ST AMEND LETTER	<u> </u>
<u> </u>	<u> </u>	<u> </u>	2ND AMEND LETTER	<u> </u>

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

AUG 29 1994

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 86-07317

1. Owner: City of Troy Phone No. (208) 835-2741

Current Address: P.O. Box 595 Troy ID 83871-0595

2. Accompanied by: Stan Greif EXAM DATE: 6-20-94

Address: same Phone No. (208) 835-2742

Relationship to Permit Holder: City Operator

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2. Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SW	NW	7	39N	3W	LATAH	U.S.G.S. Topo.

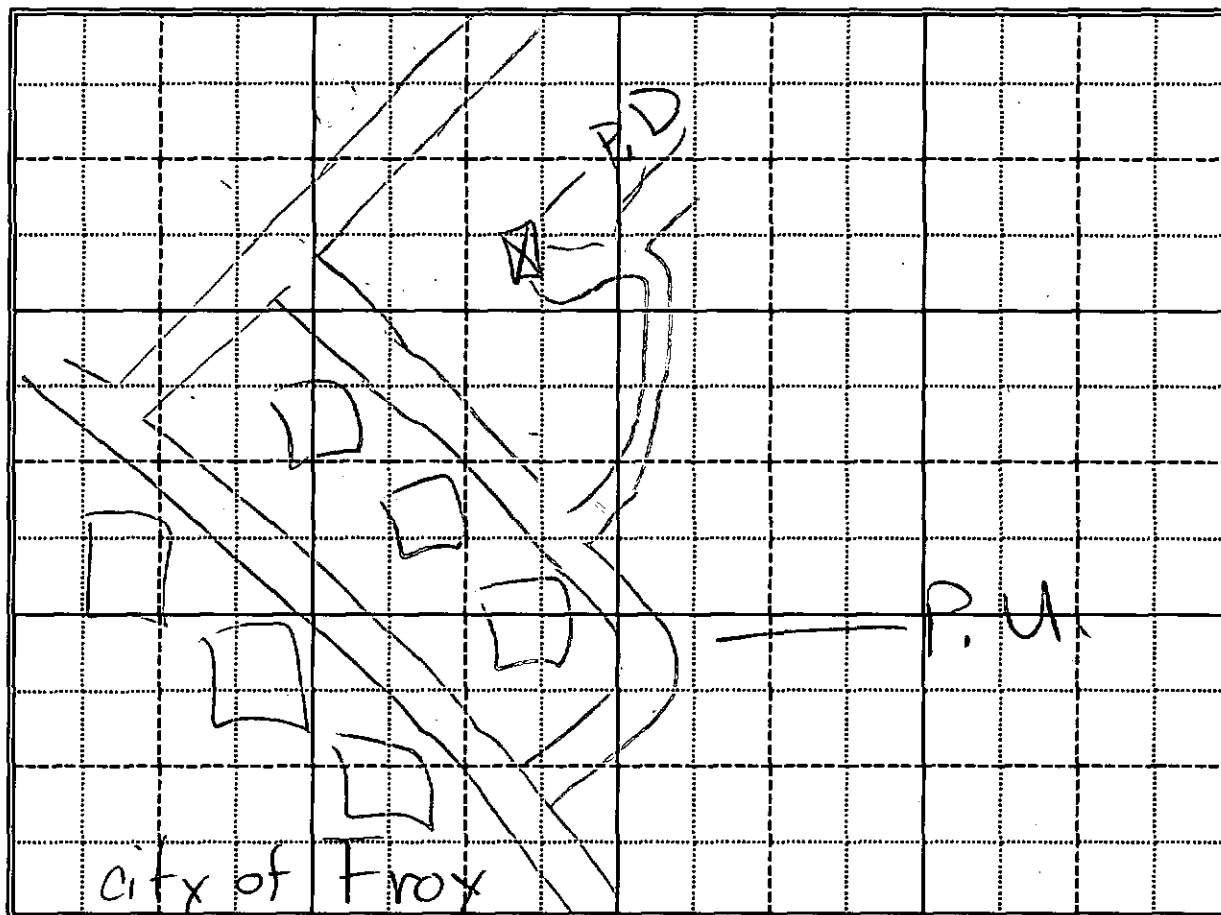
2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

APPROVED
AUG 28 1995

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.d. as applicable.



Scale: 1" = _____

☒ Copy of USGS 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)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		50		submersible	4"

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: See: Theoretical pump efficiency calculation.

AUG 28 1995

E. NARRATIVE/REMARKS/COMMENTS

System is complete and in use.

Have conditions of permit approval been met? ☒ yes ☐ no

APPROVED
AUG 28 1995

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

None

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

None

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

None

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
* Municipal	01-01	12-31	1.00	
Totals:			1.00	

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

I. AUTHENTICATIONField Examiner's Name Jan M. Long Date 6/24/94

Reviewer _____ Date _____

* See adjustment memo. RE

SEAL

RECORDED

AUG 28 1995

MEMORANDUM

TO: File 86-07317 / City of Troy
FROM: Brenda Chapman
DATE: August 7, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for the above referenced water right are based on the information below:

F. FLOW CALCULATIONS

The recommended rate (also capacity) has been reduced based on an adjustment to the theoretical calculation. The efficiency rating has been changed to the standard .7 and the pumping level has been increased to 70' rather than the static level of 60'.

$$\frac{8.8 \times .7 \times 50 \text{ hp}}{70' + (2.31 \times 125 \text{ psi})} = .86 \text{ cfs}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Municipal	1-01 to 12-31	.86	Not limited

APPROVED
AUG 28 1995

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: 86-07317

DATE: 28-JUN-94

COMPLETE BY: JON M. KUNZ

HORSEPOWER = 50

PUMP EFFICIENCY = 80%

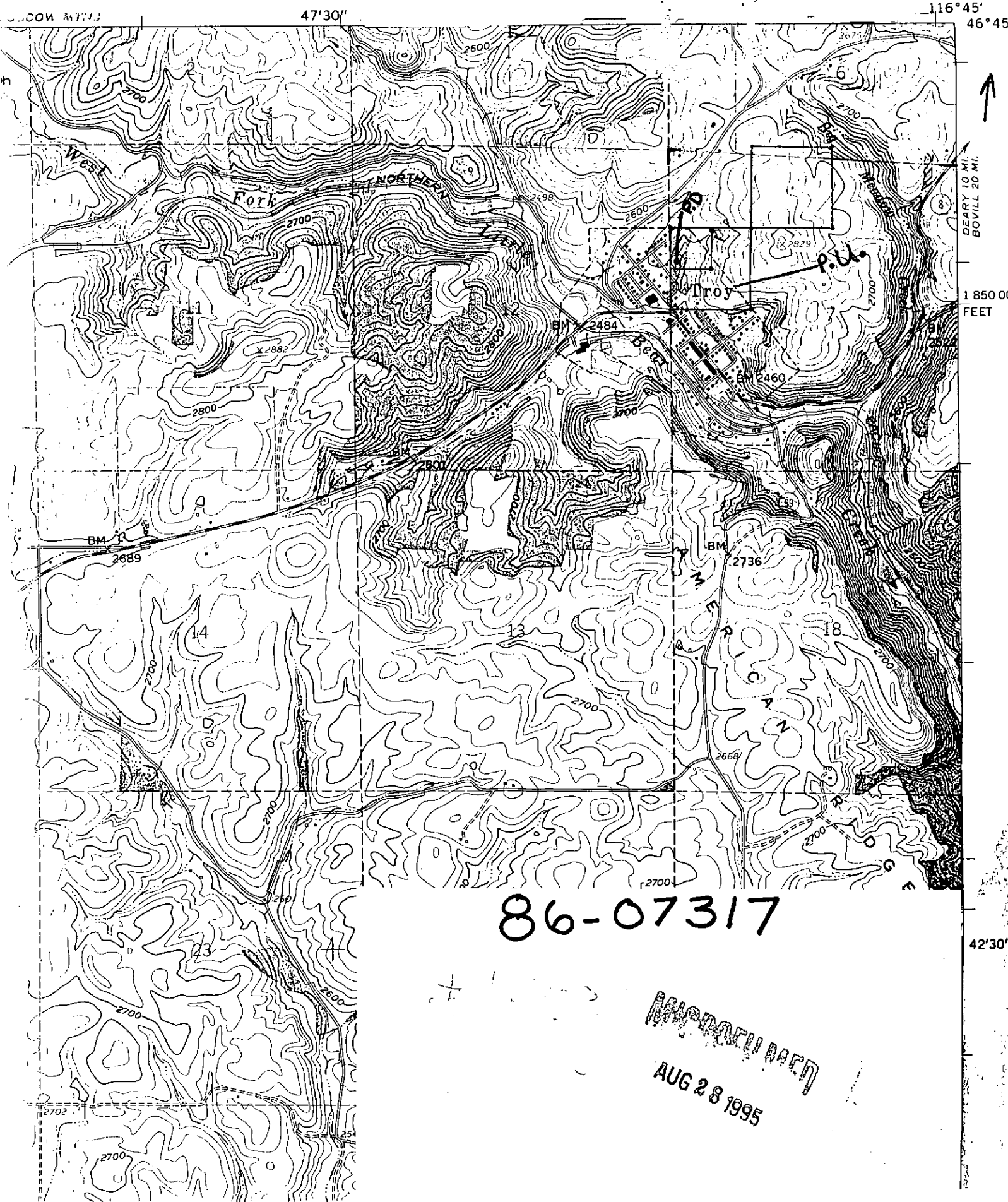
DYNAMIC LIFT = 60 FEET

SYSTEM PRESSURE = 125 PSI

QUANTITY = 1.00 CFS

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AUG 28 1995

TROY QUADRANGLE
IDAHO-LATAH CO.
TOPOGRAPHIC



86-07317

AUG 28 1995

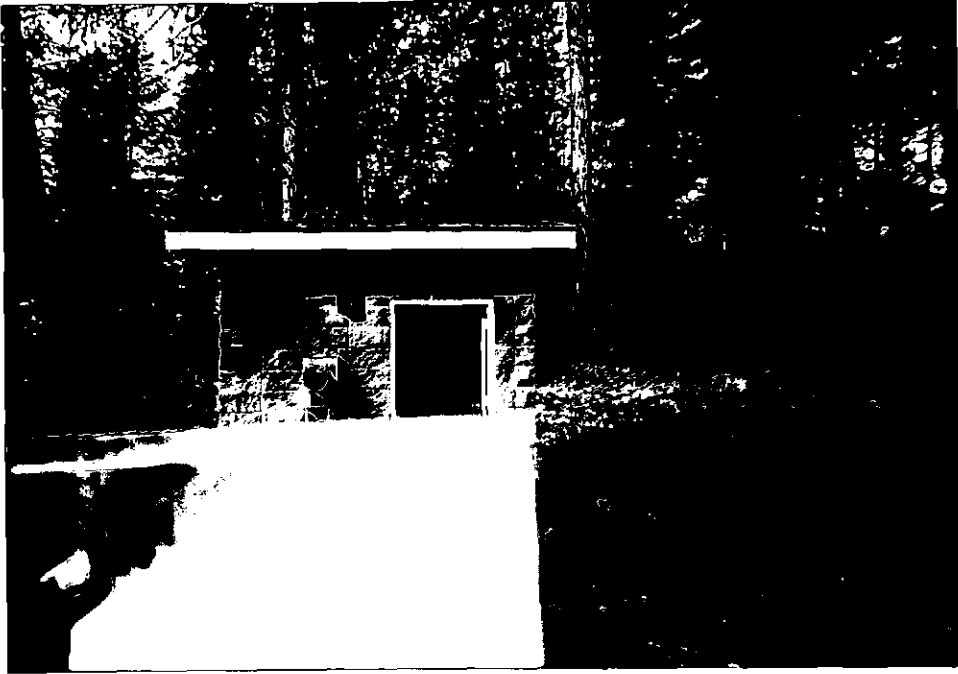
NEVER USE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT MAR 24 1953

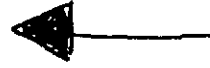
State law requires that this report be filed with the Director, Department of Water Resources, within 30 days after the completion or abandonment of the well.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT



P. D.



86-07317

RECEIVED

AUG 28 1995

MEMORANDUM

DATE: July 31, 1995

TO: File 86-07317

FROM: Shelley W. Keen (SWK)

RE: Number of Points of Diversion

=====

This morning I spoke with City of Troy employee Stan Greif (208-835-2742), who confirmed that only one well was developed under this permit. According to Mr. Greif, the application proposed two alternative sites, but only one well was drilled and added to the city's delivery system.

RECEIVED

AUG 28 1995

December 9, 1993

CITY OF TROY
PO BOX 595
TROY ID 838710595

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 86-07317

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the NORTHERN Regional Office in Coeur D' Alene at (208)769-1450.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

c: IDWR - Region

RECEIVED
AUG 28 1995

WELL DRILLER'S REPORT MAR 24 1993

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name City of Troy
Address P.O. Box 460 Troy, ID 83871-0460
Drilling Permit No. 86-92-N-67-000
Water Right Permit No. 86-07317

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness		Diameter		From		To		
.25	inches	10	inches	+	5	feet	515	feet
_____	inches	_____	inches	_____	_____	feet	_____	feet
_____	inches	_____	inches	_____	_____	feet	_____	feet
_____	inches	_____	inches	_____	_____	feet	_____	feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☒ Yes ☐ No

Perforated? ☒ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☒ Torch ☐ Gun

Size of perforation 1/4 inches by 6 inches

Number		From		To	
40	perforations	495	feet	515	feet
_____	perforations	_____	feet	_____	feet
_____	perforations	_____	feet	_____	feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 75 Material used in seal: ☐ Cement grout

☒ Bentonite ☐ Puddling clay ☐ _____

Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing

☒ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

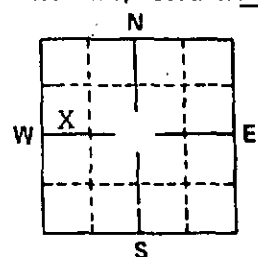
Weld

☐ Cemented between strata

Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name Duthie City Park

Lot No. _____ Block No. _____

County Latah

SW 1/4 NW 1/4 Sec. 7 T. 39 N. R. 3 E. W-8

7. WATER LEVEL

Static water level 60 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow 125+
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
170	447	20

9. LITHOLOGIC LOG

[illegible]

10.

Work started 12-14-92 finished 1-27-93

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Ponderosa Drilling Firm No. 228

Address E. 6010 Broadway Date 2-18-93

Spokane, WA 99212

Signed by (Firm Official) M. J. O. Barnett

and (W. Scott Barratt)

(Operator) *Matthew*

(Operator) Marty Rugo
(Marty Rugo)



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

December 24, 1992

CITY OF TROY
PO BOX 595
TROY ID 838710595

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 86-07317

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a measuring device. Enclosed, for your reference, is a list of measuring device options.

Sincerely,

BRENDA L. MILLER
Water Resource Agent

BLM:cz

Enclosures

RECEIVED
JUL 07 1993

Affidavit of Publication

STATE OF IDAHO
County of Latah ss.

Lorraine Hudson
Legal Clerk

being first duly sworn, on oath,
deposes and says:

That she is the printer of
Moscow-Pullman Daily News, a
newspaper of general circulation,
printed and published daily except
Sunday at Moscow, Latah County,
Idaho, in compliance with Sections
60-106, 60-107, and 60-108 of the
Idaho Code and the amendments
thereto; that the notice of which the
annexed is a full, true and correct
printed copy was published in the
regular and entire issues of said
newspaper and not in a supplement
thereto, upon the following dates:

Dec. 3, 10,
1992

the same being the dates designated
for the publication of said notice.

Lorraine Hudson

Subscribed and sworn to before

me this 10 day of Dec

1992

Ann Marie Hale

Notary Public,
residing at Moscow, Idaho

My commission expires: 5/11/98



NOTICE OF APPLICATION FOR WATER RIGHTS

The Following application(s) have
been filed to appropriate the public
waters of the State of Idaho:
86-07317

CITY OF TROY

PO BOX 595

TROY, ID 838710595

Source: GROUNDWATER

Diversion Pt: NENENW Sec 7 T
39N R 03W NWSWNW Sec 7 T 39N
03W in LATAH County

Use: MUNICIPAL (1,000 CFS)

Total Diversion: (1,000 CFS)

Date Filed: 11/9/1992

Place of Use is located within the
City Limits of Troy, Idaho.

For additional information con-
cerning the property location, call
the Northern Regional Office at 765-
4639.

The permit(s) will be subject to
all prior water rights. Protests must
be filed with the Director, Dept. of
Water Resources, Northern Region,
1910 Northwest Blvd., Suite 210, Co-
eur d'Alene, Idaho 83814 on or be-
fore DECEMBER 21, 1992.

R. KEITH HIGGINSON, Director
Dec. 3, 10, 1992

OK
12/14/92

RECEIVED

DEC 14 1992

NORTHERN REGION
IDWR

PAID & FILMED

JUL 07 1993

86-07317

CITY OF TROY
PO BOX 595
TROY, ID 838710595

Source: GROUNDWATER

Diversion Pt: NENENW Sec 7 T 39N R 03W
 NWSWNW Sec 7 T 39N R 03W in LATAH County.

Use: MUNICIPAL (1.000 CFS)
 Total Diversion: (1.000 CFS)

Date Filed: 11/ 9/1992

Place of Use is located within the City Limits of Troy, Idaho.

RECEIVED

JUL 07 1993



State of Idaho
DEPARTMENT OF WATER RESOURCES
NORTHERN REGION, Suite No. 210 • 1910 Northwest Blvd. • Coeur d'Alene, Idaho 83814-2615
(208) 765-4639 • Fax (208) 765-2088

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

November 30, 1992

City of Troy
PO Box 595
Troy, Id. 83871

Gentlemen:

Subject: Water Application for Permit Number 86-7317.

The Idaho Department of Water Resources hereby acknowledges receipt of the above-referenced Application for Permit to Appropriate the Public Waters of the State of Idaho. Enclosed is Receipt Number N6121. Please refer to your Application for Permit Number in future matters concerning this water right application.

Your Application for Permit is currently being prepared for advertising in the local county newspaper. The advertisement will be published for two consecutive weeks followed by a waiting period of ten days to allow for submittal of protests.

If your application is not protested, it will be forwarded to Boise for processing. If your Application for Permit is protested, you will be sent a copy of the protest and instructions to aid you in resolving the protest without a hearing. All protests must be resolved before your Application for Permit can be approved. If the protest is not resolved, this Department will conduct a conference and/or hearing on the matter.

You will receive your approved Application for Permit and instructions on filing the Proof of Beneficial Use from our State Office in Boise.

If your Application for Permit is for a well (groundwater) that was constructed after July 1, 1987, you must apply for a well drilling permit upon approval of your Application for Permit if no permit was obtained by previous owners to construct the well. Well Drilling Permits can only be issued by this office to holders of approved Applications for Permit.

If I can be of further assistance, please feel free to contact me at this office.

Sincerely,

ALLEN BEARDSLEE
Senior Water Resource Agent

MICROFILMED

JUL 07 1993



State of Idaho
DEPARTMENT OF WATER RESOURCES

NORTHERN REGION, Suite No. 210 • 1910 Northwest Blvd. • Coeur d'Alene, Idaho 83814-2615
(208) 765-4639 • Fax (208) 765-2088

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

November 30, 1992

Idaho Divn. of Env. Quality
1118 F St.
Lewiston, Id. 83501

Re: 86-7317

Gentlemen:

Enclosed is a recent filing with this Department that may be of interest to your agency.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Manager

RGH/pms

Enc - Appln.

MICROFILMED

JUL 07 1993

RECEIVED

NOV 09 1992

NORTHERN REGION
IDWR

City of Troy
P.O. Box 595
Troy, Idaho 83871

November 6, 1992

Mr. Robert Haynes, Regional Manager
Idaho Department of Water Resources
1910 NW Boulevard, Suite 210
Goeur d'Alene, Idaho 83814

Re: Application Fee for Drilling Permit

Dear Mr. Haynes:

Pursuant to the City of Troy's application for a ^{water right appln.} ~~drilling permit~~ submitted to your office by Mr. Jack S. Hammond of Hammond Engineering & Development, I have enclosed a check for the \$45.00 application fee.

Please contact this office if you have any questions.

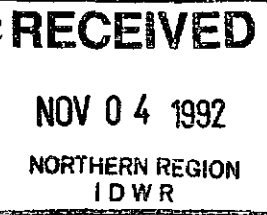
Sincerely yours,

MARIE VOGEL
Marie Vogel
Mayor

MICROFILMED

JUL 07 1993

October 30, 1992



Mr. Robert Haynes, Regional Manager
Idaho Department of Water Resources
1910 N.W. Boulevard, Suite 210
Coeur d'Alene, ID 83814

Re: City of Troy, Idaho
Drilling Permit and Well Water Right Application

Dear Mr. Haynes:

In accordance with our telephone conversation yesterday, I hereby request that the City's drilling Contractor, Ponderosa Drilling and Development, Inc. be issued the Drilling Permit as applied for, allowing them to ream a 6-inch pilot hole to 10 inches, without the water right document having been issued to the City. This request is based on the following circumstances:

- 1.) The City is applying to the Idaho Department of Commerce for a \$500,000 HUD Community Development block grant to assist in the funding of a 350 gpm \$750,000 water treatment and water transmission line replacement project. As part of the proposed water system improvement project, we must determine, as soon as possible, if a viable ground water source (wells) is available before a commitment is made to the \$750,000 surface water treatment project. With the cost of a new on-line well at approximately \$60,000, it is readily apparent that if the ground water source is available, several wells can be developed more cost effectively than the surface water treatment project.
- 2.) City ordinance requires everyone in the City limits to be connected to the City water distribution system. Therefore, no private domestic wells are allowed in the City, eliminating any basis for a valid protest against the issuance of a water right for a new municipal well.
- 3.) The drilling contract is structured to drill a 6-inch pilot hole and ream and develop the well if adequate water (> 50 gpm) is found during pilot hole drilling. The drill rig cannot set for 60 to 90 days while the water rights issuance process takes place between pilot hole drilling and subsequent reaming and well development if we find adequate ground water.

MICROFILMED

JUL 07 1993

Mr. Robert Haynes, Regional Manager
Idaho Department of Water Resources

October 30, 1992

I have attached the water rights application from the City of Troy. Please initiate processing of this application and issue the Drilling Permits to the City's drilling Contractor with the understanding that if the City elects to ream and develop either Well Site A or Well Site B based on pilot hole data, the drilling Contractor will be permitted to do so while the water rights application is being processed.

Because the decision whether or not to proceed with the \$750,000 Surface Water Treatment Project is based on the viability of a proven ground water source, time is of the essence. Thank you for your consideration in this matter.

Very truly yours,



Jack S. Hammond, P.E.
Owner, HEDCO

P.C.: City of Troy
Ponderosa Drilling

JSH:llh

MICROFILMED

JUL 07 1993