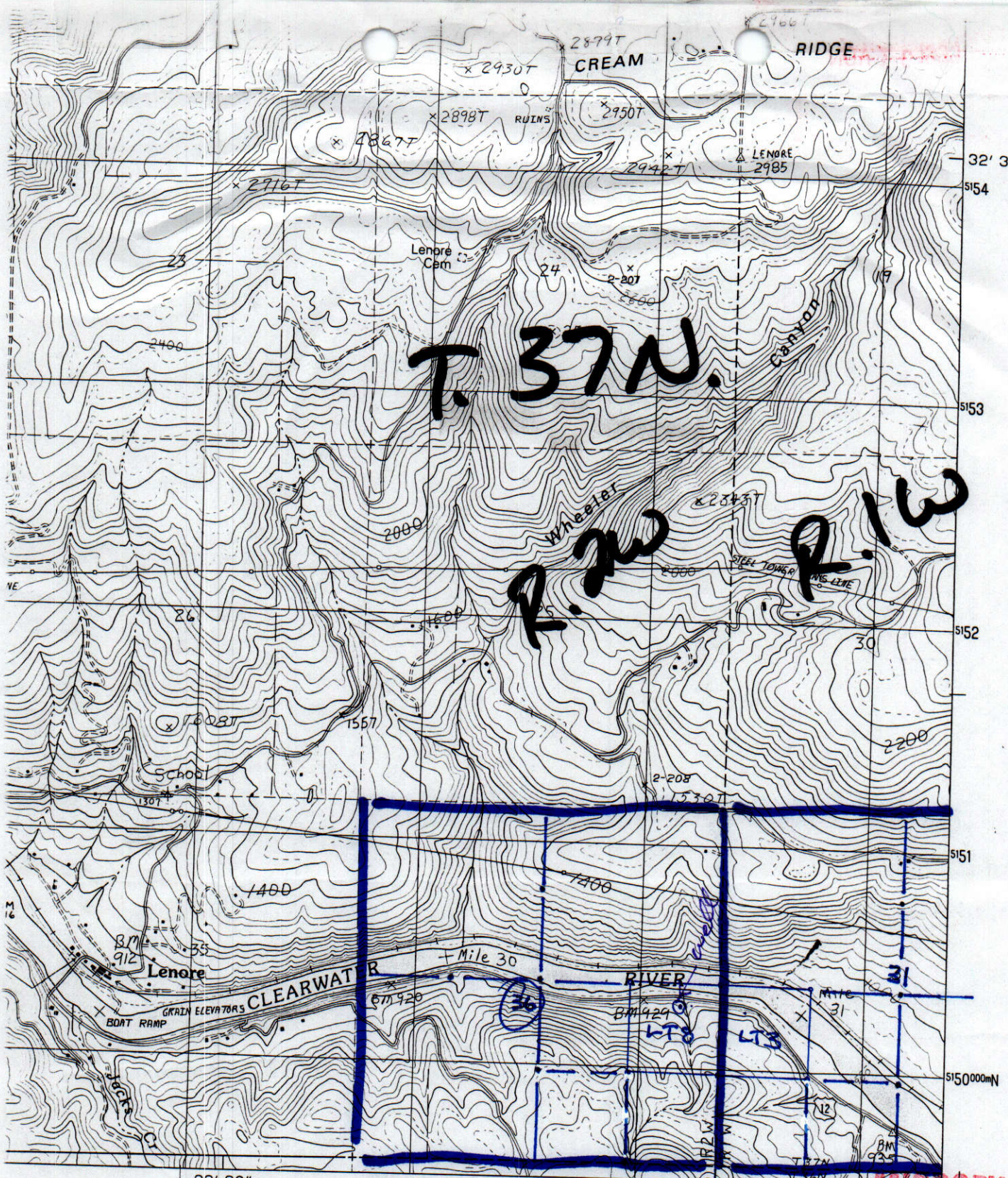
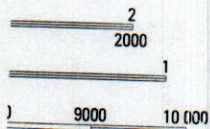




SURVEY, RESTON, VIRGINIA—1991

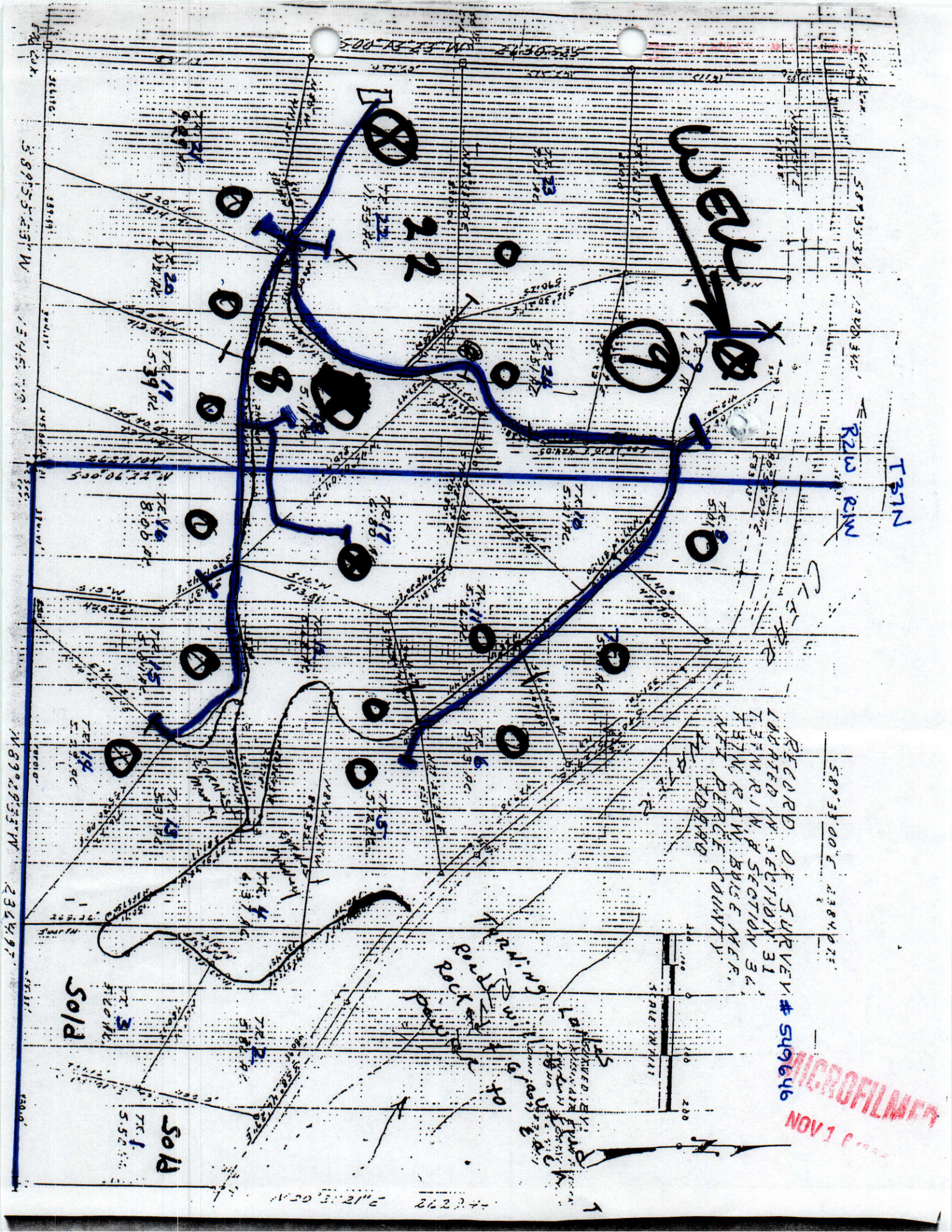


1	2	3	1 Little Bear Ridge
			2 Texas Ridge
4		5	3 Park
			4 Juliaetta
			5 Southwick
6	7	8	6 Culdesac North
			7 Gifford
			8 Peck

ROAD LEGEND NOV 16 1995

Improved Road
 Unimproved Road
 Trail
☐ Interstate Route ☐ U. S. Route ☐ State Route

LENORE, IDAHO
 PROVISIONAL EDITION 1990



589°33'34" W 134°51'00" N 23644.97'

Sold

Sold

361

R2W R1W

T37N

RECORD OF SURVEY # 549646
LOCATED BY SECTION 31
T37N R1W & SECTION 34
T37N R2W BUILT NEAR
NEI DEPT. COUNTY
TO ROAD

589°33'00" E 23844.07'

MICROFILMED
NOV 1 1985

SCALE IN FEET

Training
Road
Rock
to

RECEIVED BY
DISTRICT ENGINEER
JAN 10 1986
JAN 10 1986

TRIBUNE PUBLISHING COMPANY, INC.

The Lewiston Morning Tribune
505 C St., P.O.Box 957
Lewiston, Idaho 83501
(208) 743-9411

Date 08/24/95INVOICE NO. 542056Account No. 964750Description 542056NOTICEOFAPPLICATTimes 2Lines 101

Tab. Lines _____

\$ 126.25**LEGAL ADVERTISING
INVOICE**

SOLD TO: ID DEPT. OF WATER RESOURCES
1910 NORTHWEST BLVD. STE 210
COEUR D'AL ID 83814



our copy

NOTICE: This is an invoice of Purchase made by you. Statement will be rendered the first of the month.
Please Retain This Invoice as Your Statement Will Refer to Invoice by No. Only.

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, ss.
County of Nez Perce

Karen Lewis, being duly sworn, deposes and says, I am the Legal Clerk of the Tribune Publishing Company, a corporation organized and existing under and by virtue of the laws of the State of Idaho, publishers of the LEWISTON MORNING TRIBUNE, a newspaper of general circulation published at Lewiston, Nez Perce County, Idaho; That the said Lewiston Morning Tribune is an established newspaper and has been published regularly and issued regularly at least once a day for more than 21 consecutive years next immediately preceding the first publication of this notice, and has been so published uninterrupted for said period; that the 542056NOTICEOFA attached hereto and which is made a part of this affidavit was published in the said Lewiston Morning Tribune, 2 time(s). Publication being on 08/17, or once a ~~WEEK~~ WEEK for 2 consecutive ~~WEEKS~~, the first publication thereof being on the 08/17/95, and the last publication thereof being on the 08/24/95, and said 542056NOTICEOFA was so published in the regular and entire issue of said newspaper and was not in a supplement thereof and was so published in every issue and number of the said paper, during the period and times of publication as set forth above.

Karen J. Lewis

SUBSCRIBED AND SWORN BEFORE ME THIS THE 29day of August 1995

Notary Public in and for the State of Idaho,
residing at Lewiston, therein
Commission Expires 7/97

542056
NOTICE OF APPLICATION
FOR WATER RIGHT
The following application(s) have
been filed to appropriate the public
waters of the State of Idaho:
- 85-07617 -
MEDLEY, DICK *ok*
5075 N CIRCLE DRIVE
RATHDRUM, ID 83858
Source: GROUNDWATER
Diversion Pt: NESE Sec. 36 T 37N R
02W in NEZ PERCE
County
Use: IRRIGATION (0.200 CFS)
DOMESTIC (0.200 CFS)
Total Diversion: (0.200 CFS)
Date Filed: 7/27/1995
In: NEZ PERCE County
T37N R01W S31 NWSW
R02W S36 NESE
10.0 ACRES TOTAL
- 85-07619 -
SCHOOL DISTRICT NO 341
P.O. BOX 247
LAPWAI, ID 83540
Source: GROUNDWATER
Diversion Pt: SESW Sec 2 T 35N R
04W in NEZ PERCE
County
Use: IRRIGATION (0.200 CFS)
Total Diversion (0.200 CFS)
Date Filed: 8/3/1995
In: NEZ PERCE County
T35N R04W S02 SESW
10.0 ACRES TOTAL
- 85-07620 -
MUMMEY, TYRONE M.
1184 BIG CANYON RD
PECK, ID 83545
Source: BIG CANYON CREEK
Tributary: CLEARWATER RIVER
Diversion Pt: LOT 7 (NESE) Sec 3 T
36N R 01W in CLEAR-
WATER County
LOT 8 (NWSE) Sec 3 T
36N R 01W in CLEAR-
WATER County
Use: DOMESTIC (0.020 CFS)
Total Diversion: (0.020 CFS)
Date Filed: 8/1/1995
In: CLEARWATER County
T36N R01W S03
Lot 7(NESE) Lot 8(NWSE)

NOV 16 1995

For Office Use Only

\$25.00 Filing Fee

Receipt #

Date

No. 13251
9/23/99

State of Idaho
DEPARTMENT OF WATER RESOURCES

RECEIVED

ASSIGNMENT OF PERMIT
To change the ownership of a permit

SEP 24 1999

Department of Water Resources

I, DICK MEDLEY, hereby assign to LAVELLI WATER'S ROAD ASSN.
(Permit Holder)
of Rt 2 Box 3R, LENORE ID 83541
(Full Address and Phone Number)

All my right, title, and interest in and to Permit No. 85-07617
to appropriate the public waters of the State of Idaho.

OR (for partial assignments)

The following described portion of my right, title, and interest in and to
Permit No. _____ to appropriate the public waters of the State of Idaho.

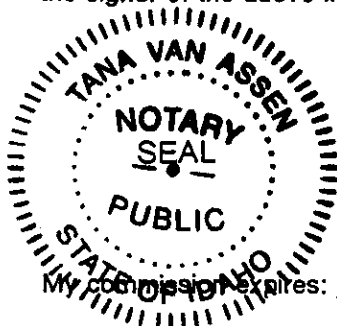
Describe portion of the permit assigned listing the number of acres in each 40 acre subdivision,
point of diversion location, and the amount of water in cubic feet per second.

Made this 17th day of Sept., 1999.

Rick E. Medley
Permit Holder(s)

State of Idaho)
County of Kootenai ss

On this 17th day of September, 1999, personally appeared before me
the signer of the above instrument, duly acknowledged to me that he/she/they executed the same.



Tana Van Assen
Notary Public

Tana Van Assen
Signature

MICROFILMED

SEP 30 1999

Amt. of Fee \$: 50.00
Receipt No: 1244283
Receipt By: [Signature]
Date Received: 9/18/97

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

SEP 18 1997

PROOF OF BENEFICIAL USE

Department of Water Resources

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 be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

85-07617

1. Permit No. 85-92-N-110 Telephone No. 208-687-1657

2. Name(s) of Permit Holder(s): DICK MEDLEY

3. Mailing Address: 21055 N. CIRCLE Rd. Rathdrum, Id. 83858

4. Source of Water: Well If GROUNDWATER (well), Date Drilled: mo. 12 / yr. 92

a. Well Driller: Whitemoat Drilling Drilling Permit Number: 85-92-N-110

b. OPTIONAL:
Pump Horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft): _____

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): 2 Stockwater (No. and type of stock): _____

Irrigation (No. of acres): 10 Other: _____

6. Total rate of diversion and/or volume for which proof is submitted: 0.20 cfs OR _____ acre feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)

(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device:	Is a measuring device required?	Yes _____ or No <u>X</u>
	Has the measuring device been installed?	Yes _____ or No <u>X</u>
Flow Measurement Port:	Is a flow measurement port required?	Yes _____ or No <u>X</u>
	Has the measurement port been installed?	Yes _____ or No <u>X</u>

8. Fee Enclosed: \$ 50.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

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

Name: HANK GREBER Telephone Number: 208-836-5628

Address: Lenore, Id.

10. The information given on this form 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.

Signature of permit holder: [Signature]
(include your title, if on behalf of company or organization)

Date: 9/19/97
MICROFILMED

JAN 12 1998

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 85-07617

Proposed Priority: July 27, 1995

Maximum Diversion Rate:

0.20 CFS

This is to certify, that **DICK MEDLEY**

5075 N CIRCLE DR

RATHDRUM ID 83858

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>
IRRIGATION	03/15 to 11/15	0.20 CFS
DOMESTIC	01/01 to 12/31	0.20 CFS
	Totals	0.20 CFS

LOCATION OF POINT(S) OF DIVERSION: Lot 8(NESE), Sec. 36, Township 37N, Range 02W
NEZ PERCE County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>		<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
37N	01W	31	Lot 3(NWSW)	5.0			5.0
	02W	36	Lot 8(NESE)	5.0			5.0

Total number of acres irrigated: 10.0

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **October 1, 1997**.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
5. The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
6. The issuance of this right does not grant any ~~right-of~~ or easement across the land of another.

NOV 16 1995

State of Idaho
Department of Water Resources

Permit To Appropriate Water

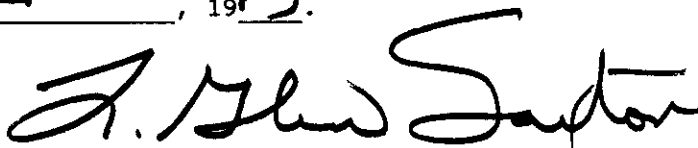
NO. 85-07617

CONDITIONS OF APPROVAL AND REMARKS

7. Point of diversion is located within Tract 9, Survey #549646.
8. Place of use is located within Tracts 5-9, 11-12, and 14-24, Survey #549646.
9. Domestic use is for 18 homes.
10. Domestic use does not include lawn, garden, landscape, or other types of irrigation.

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

2 day of October, 1995.



Karl J. Dreher, Director

for



NOV 16 1995



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 85-1617

To appropriate the public waters of the State of Idaho
Department of Water Resources

1. Name of applicant DICK MEDLEY Phone 687-1657

Post office address 5075 N. CIRCLE DR. RATHDRUM, 83858

2. Source of water supply GROUNDWATER which is a tributary of _____

3. Location of point of diversion is _____ $\frac{1}{4}$ of NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot 8

Sec. 36 Township 37N Range 2W B.M. NEZ PERCE County; additional
points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.20 for DOMESTIC purposes from Y₁ to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.20 for IRRIGATION purposes from 3/15 to 11/15 (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) 0.20 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. WELL & 20 K GAL
STORAGE & DELIVERY SYSTEM

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.

c. Proposed well diameter is 6" inches; proposed depth of well is 115 feet.

d. Is ground water with a temperature of greater than 85°F being sought? NO

e. If well is already drilled, when? ¹²⁻²⁸ 1992; Drilling firm UHLERKOTT

Well was drilled for (well owner) DICK MEDLEY

NOV 16 1995

7. Time required for the completion of the works and application of the water to be proposed beneficial use is
2 years (minimum 1 year).

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

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. 18 HOMES
- e. Other; describe fully. _____

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	
37N	1W	31									LT3 D								
37N	2W	36									5								5
37N	2W	36													LT8 D				
37N	2W	36													5				5

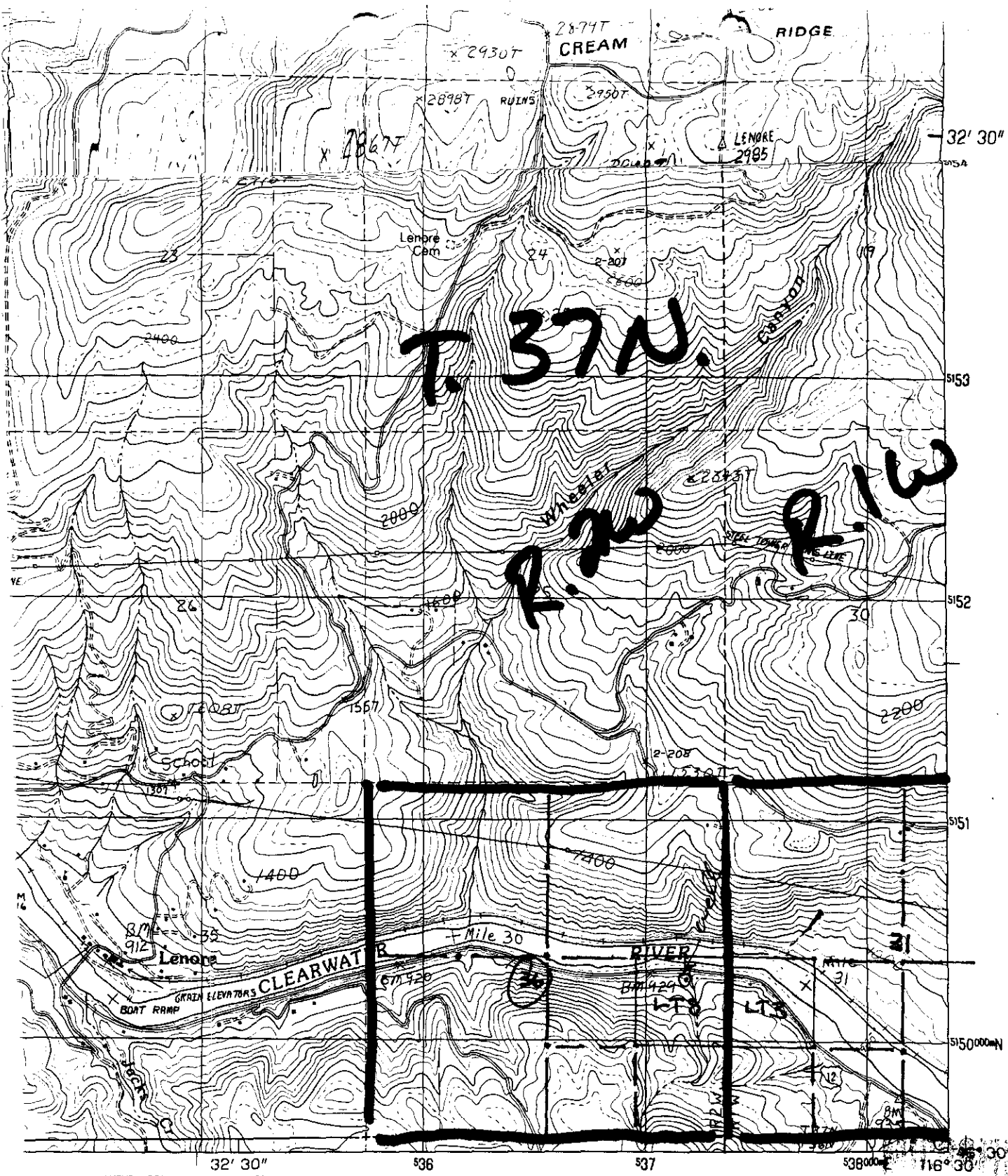
Total number of acres to be irrigated 10

10. Describe any other water rights used for the same purposes as described above. _____

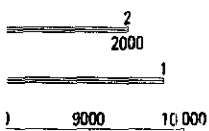
11. a. Who owns the property at the point of diversion? APPLICANT
- b. Who owns the land to be irrigated or place of use? APPLICANT / WATER USERS ASSOCIATION
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____

APR 6 1995



SURVEY, RESTON, VIRGINIA--1991



1	2	3	1 Little Bear Ridge
			2 Texas Ridge
4		5	3 Park
			4 Juliaetta
			5 Southwick
6	7	8	6 Culdesac North
			7 Gifford
			8 Peck

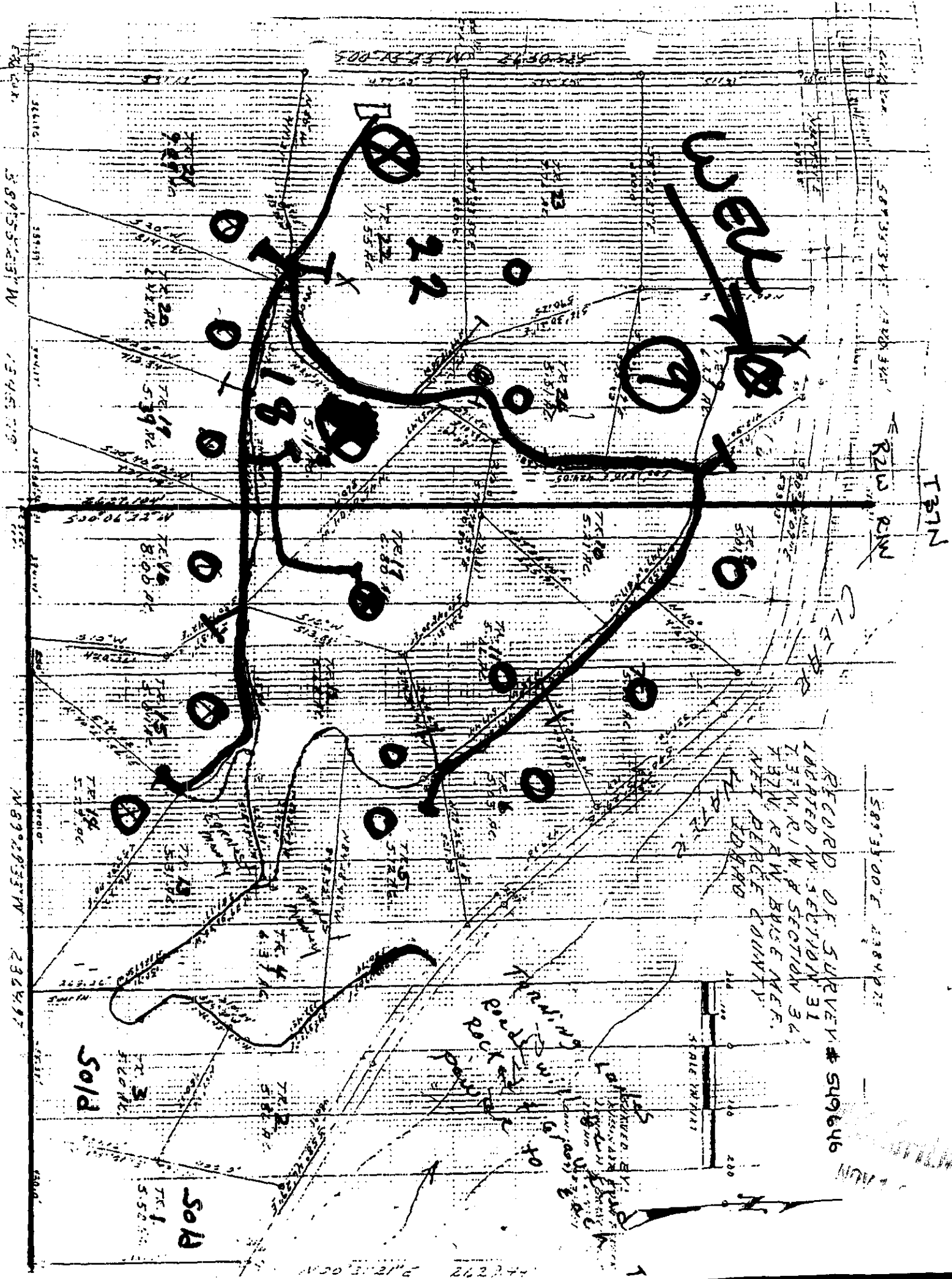
ADJOINING 7.5' QUADRANGLES

ROAD LEGEND NOV 16 1995

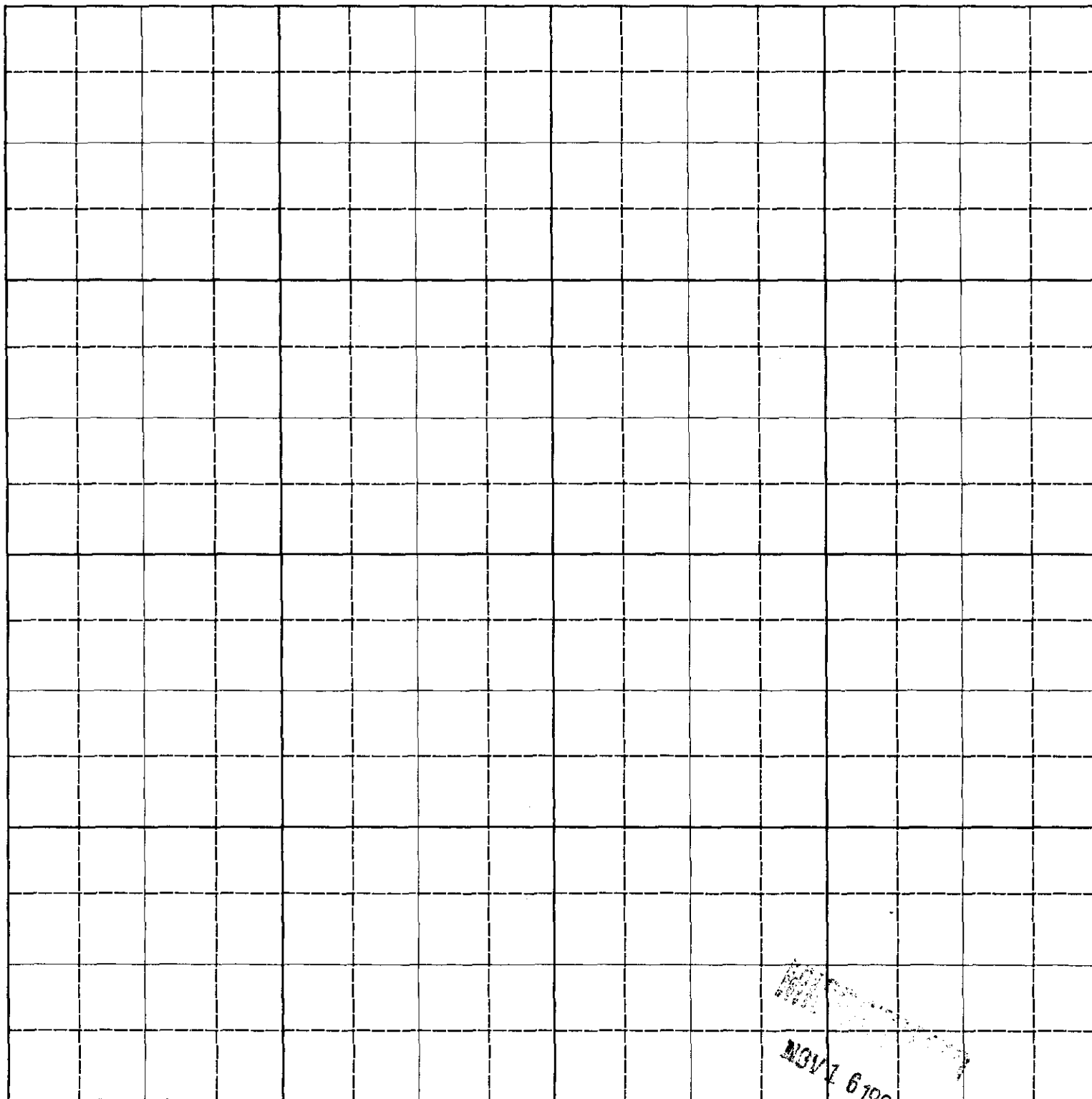
Improved Road
 Unimproved Road
 Trail

○ Interstate Route ◻ U. S. Route ○ State Route

LENORE, IDAHO
 PROVISIONAL EDITION 1990



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.

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.

X Erik Medley
(Applicant)

Received by AS Date 7/27/95 Time 9:45 Preliminary check by AS
Fee \$ 50.00 Received by AS # N-9262 Date 7/27/95
Publication prepared by KK/b Date 8/10 Published in Law. J. 8/17-24/95
Publication approved db Date 9/1/95

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:

RECORDED

NOV 1 6 1995



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

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

September 24, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

LAVELLI WATERS ROAD ASSN
RT 2 BOX 3R
LENORE ID 83541

RE: ASSIGNMENT OF PERMIT 85-07617

Dear Permit Holder(s):

The department acknowledges receipt of correspondence changing ownership of the above referenced permit to you. The department has modified its records to reflect the change in ownership and has enclosed a computer-generated report for your records.

Please note that as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address of the owner of a water right to the department. Notice of the change must be provided to the department within 120 days of the change. Change reporting forms are available from any office of the department.

Please feel free to contact the department if you have questions.

Sincerely,


Jeff Peppersack, Manager
Water Right Permits Section

JP:klt

Enclosure

MICROFILMED

SEP 30 1999

**ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE**

Permit No. 85-07617 Reviewed by Jay Date 9-19-97

GENERAL CONSIDERATIONS

yes Name same as permit?
no Address same as permit?

yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

dom. Irr.

Correct Uses? yes

SOURCE OF WATER

 Surface water source

✓ Ground water source

yes Drilling permit required?

no Copy in the file? Drilling Permit No. 85-92-N-0110-000

200- Amount paid for permit

yes Correct?

yes Well log in the file?

LICENSE EXAMINATION FEE

yes Required?

50- Amount Submitted

yes Correct?

MEASURING DEVICE

no Required?

1 Installed?

 Waiver requested?

PRIORITY CALCULATION

Date proof received	<u> </u>	<u> </u>
Date proof due	<u> </u>	<u> </u>
No. of days late	<u> </u>	<u> </u>
Priority Date	<u> </u>	<u> </u>
New Priority Date	<u> </u>	<u> </u>

DEFICIENCIES OR ACTION ITEMS

Proof acceptable.

DATA ENTRY

New Address 21055 N. Circle Rd. Proof Made 9-18-97



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 19, 1997

Dick Medley
21055 N Circle Rd
Rathdrum ID 83858

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 85-07617

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.

Please be advised that Section 42-248, Idaho Code, requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the department's **NORTHERN** Regional Office in Coeur d'Alene at (208) 769-1450.

Sincerely,

JULIE L. YARBROUGH

Senior Secretary, Water Allocation Bureau

C: IDWR - Regional Office

MICROFILMED

JAN 12 1998

July 31, 1997

DICK MEDLEY
5075 N CIRCLE DR
RATHDRUM ID 83858

759006218

PROOF DUE NOTICE

RE: PERMIT NO. 85-07617

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before October 1, 1997.

(See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

JULIE L. YARBROUGH
Senior Secretary

Enclosures

MICROFILMED

JAN 12 1998



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

**USE TYPEWRITER OR
BALLPOINT PEN**

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.

WELL OWNER

Name Dick Medley
Address 3000 E Village Blvd. #10 Rothbourn Td
23857
Drilling Permit No. 85-92-N-110-000
Water Right Permit No. 85-7617

NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)

PROPOSED USE

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

METHOD DRILLED

[illegible]

WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness _____ Diameter _____ From _____ To _____

260 inches 6 inches + 2 feet 66 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? _____ inches by _____ inches

Number _____ From _____ To _____

_____ perforations _____ feet _____ feet

_____ perforations _____ feet _____ feet

_____ perforations _____ feet _____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer _____ Type _____

Top Packer or Headpipe _____

Bottom of Tailpipe _____

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 9' Material used in seal: ☐ Cement grout

☒ Bentonite ☐ Puddling clay ☐ _____

Sealing procedure used: ☐ Slurry pit

☐ Temp. surface casing ☒ Overbore to seal depth

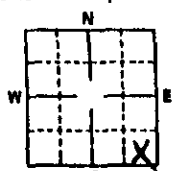
Method of joining casing: ☐ Threaded ☒ Welded

☐ Solvent Weld ☐ Cemented between struts

Describe access port Top of casing

4. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County Nez Perce MIC

Address of Well Site _____
(give at least name of road)

SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36 T. 37 N ☒ or S ☐
R. 1 E ☐ or W ☒

7. WATER LEVEL

Static water level 40 ft feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality Good
Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Baller ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
------------------	---------------	--------------

100

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8	0	66	C/29 - some Rock		✓
8	66	78	Med. Hd. Black Bslt.		✓
6	78	101	Black and Brown Bslt (s.f.t)	✓	
6	101	165	Black Bslt.		✓

RECEIVED

~~DFC 3-1-1992~~

~~NORTHERN REGION~~
~~LDWR~~

RECEIVED

AUG 22 1996

Department of Water Resources

OFFICE USE ONLY

Inspected by _____

Two 37N Age 2W Sec 36

114 NE 114 SE 114

10.

Work started 12-27-72 finished 12-28-72

11. DRILLER'S CERTIFICATION

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

Firm Name Whelan & Dr. H. A. Dr. H. A. Firm No. 125

Address Pt 1 Box 2, T.D. 1-CNN Date 12-29-71

Signed by Drilling Supervisor Way H. Hines

and
(Operator) Jim Ebling
(If different than the Drilling Supervisor)



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

October 2, 1995

DICK MEDLEY
5075 N CIRCLE DR
RATHDRUM ID 83858

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 85-07617

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. Please be sure to thoroughly review the "CONDITIONS/REMARKS:" listing on the permit.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed.

The Department will send you a "Proof Due Notice" approximately 60 days prior to the above referenced date requesting you to file either a Proof of Beneficial Use form or a Request for Extension of Time form.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosures

MAILED 11
NOV 16 1995

MEMORANDUM

DATE: September 29, 1995
TO: File No. 85-07617
FROM: Cindy Zimmerman *g*
SUBJECT: Telephone Conversation

=====

Per telecon today with Dick Medley, this application proposes domestic service to Tracts 5-9, 11-12, and 14-24 of an unnamed subdivided parcel.

Per Virginia of the Nez Perce County Assessor's office, the land is not a subdivision but is recorded under Survey #549646.

RECEIVED

NOV 16 1995

APPLICATION FOR PERMIT
STATE OFFICE REVIEW
by Cindy Zimmerman

No.: 85-7612 Name: Medley Date: 9/28/95 Ad OK?
Correct Fee? ✓ Receipt #: N9262 Priority: 7/27/95 ✓ Gvmt Lts:

AREA OF CONCERN? - No/Yes S/C Mor GWMA Trust/Non-trust
PROTESTED: - 020(Protest Agr) or W19(See Final/Prelim Order)

SYSTEM COMPLETED:

Yes/proof filed - NA
1 year/no proof - P16
+1 year - NA-P17

GROUNDWATER: <✓ FLO-CH>

+ 0.2 cfs - 01M
=- 0.2 cfs - No MD no overlapping rights
=/+ 5 a. - 01M, 065(if GW use SW 1st)

Drilling Permit:

Existing well - NA (pre 7/1/87)
Included w/permit - Permit No. 85-92-N-0110-000, P99
No WD permit? - 046-46B-P23 (post 7/1/87)
irr. in WD - P05 (new well)

SURFACE WATER <✓ FLO-CH>(Surface water that doesn't sink is regulated):

Water District(~~dem~~) - 005 (req) WD # <SEE MAP & LISTING>
+ 0.2 cfs - 028(may report)-01J(meas dev)-P08
=- 0.2 cfs - 028(may report)-01H(lock dev)-P01 or No MD
=/+ 5 a. irr. - 028(may report)
~~In WD~~ + 0.2 cfs - 01M or No MD (in-stream)
- 0.2 cfs - No MD
=/+ 5 a. irr. - 01M

RIVER BASINS (*Surface water):

Snake R (01) - 11A-P04, NA
(02/03) - 007-P07 (w/remark WB9), NA
Boise R (63) - 05A (if WD), 11E (not 42-111 use), NA
Payette R (65) - 064(regulated uses), 047-P04(Payette Lake), NA

USE:

Domestic (surface) - 021(Boise R ↑ L Peak); 27A(Payette R); NA
Fish Propagation - 07A-042(rq)-010/06A/09E(WQ)-P10; 044(N 1000 Spr)
Irr <POU> ~~=/+ 5 a~~ - ~~057~~ (0.03 cfs/A)
+ 5 a - ~~03A~~ (0.02 cfs/A)
Mining - 054 (req) & 06A/010/09E-P10
Power - 08A-17K-025-027-01M-01F(P19)-09E(P10);
+25 cfs-P18; 17G(FERC) or 17M(FERE); 18B-P09
Storage(✓ 3 compo.) - 18A(multi MD in WD), 18B-P09 (+10' dam), NA

LOCATION:

Boise Front LoGeo - 058 (-85° GW temp only)
In-stream dev. - P52 (stream channel alteration)
Irr Dist/Canal Co. - 023 (Twin Falls area)
Swan Falls Flag - B <SEE CODE CHART>
Trust - 051-052-053-P74 (Consumptive Uses), NA
Non-Trust <1> - 048-049 (Consumptive Uses), NA

OWNERSHIP:Non-land owner

- 004 (PD/PU) water users

OTHER CONDITIONS:

STANDARD REMARKS:

- OWB5/183PU=TR B-9, 11-12, 14-24, of Recorded Survey #549646.

BENEFICIAL USE DUE:

- 10-1-1997

COMMENTS:

- add gmt lts

RECEIVED
SEP 28 1995

DEPARTMENT OF WATER RESOURCES
APPLICATION ANALYSIS SHEET

6 WRI
BC BC
WRAPP

APPLICATION # 85-7617

***** INITIAL REVIEW *****

Department of Water Resources

MEDLEY

BY: AS

DATE: 7/27/95

ITEM REQUIRED INFORMATION

1. (x) Name and Address
2. (x) Source
3. (x) Point of Diversion & County
4. (x) Quantity
(x) Nature of Proposed Use
(x) Period of Use
5. (x) Total Quantity
6. (x) Description of diverting works
7. (x) Time required for b/u
8. (x) Proposed use
9. (x) Place of use or acres irrigated
10. (x) Other Water Rights
11. (x) Ownership
12. (x) Map
13. (x) Signature
(x) Fee (Amt, recpt, acknowledgment)

*** Send info sheet Y() N()

ADDITIONAL INFORMATION

Yes No

- (x) Field check: by _____
(x) Field report attached
(x) Analysis Supp. attached (>5cfs/500af)
(x) Water delivered by water master?
Water District # _____

***** GROUNDWATER SECTION *****

(Yes) (No)

- (x) Groundwater management area
(x) Critical ground water area
Well Drilling Permit required
Well Drilling Application and Fees received
Well Drilling Application approved?
Well Drilling Application Number 85-92-N-110

Checked by: _____

Date: 7/27/95

Remarks: APPLICANT WILL NEED TO BE RECONTACTED FOR WELL DRILLING UPGRADE FEE AFTER ADVERTISING
Rec. # N009537 \$165.00

***** FINAL REGIONAL PROCESSING/REVIEW *****

(Yes) (No)

- Notice of pending void order issued. Final order response date: 7/27/95
Further information required from applicant
8/31 Affidavit of publication received
9/11 Application published correctly, If not, record action taken: _____
8/10 Publication dates and paper recorded on application | Sr. Agent initial AS
Protests received. Final protest date: 9/15/95
Measuring device required
Measuring port required
Special conditions: _____
Special conditions of approval supplement and/or cover letter attached:

Approval Recommended by: 13

Date: 9/8/95

September 13, 1995

Dick Medley
5075 N. Circle Drive
rathdrum, ID 83858

Re: Application for Permit No. 85-07617 & Well Drilling Permit No. 85-92-N-110

Dear Mr. Medley:

The Department of Water Resources has completed the legal advertising of your application for permit to appropriate water. The filing is now ready to be sent our state office for approval. However, before we can do that, the status of the well drilling permit which was obtained by Uhlenkott Well Drilling, prior to the drilling of your well, must be upgraded from that of a domestic well to a non-domestic. The fee for this change is \$165, payable to the Idaho Department of Water Resources. Please refer to the above referenced numbers so that we may ensure proper credit is given.

If you have any questions, please contact me.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Manager

RECEIVED

SEP 16 1995

TRIBUNE PUBLISHING COMPANY, INC.

The Lewiston Morning Tribune
505 C St., P.O.Box 957
Lewiston, Idaho 83501
(208) 743-9411

**LEGAL ADVERTISING
INVOICE**

SOLD TO: ID DEPT. OF WATER RESOURCES
1910 NORTHWEST BLVD. STE 210
COEUR D'AL ID 83814

Date 08/24/95INVOICE NO. 542056Account No. 964750Description 542056NOTICEOFAPPLICATTimes 2Lines 101

Tab. Lines _____

\$ 126.25**RECEIVED**

AUG 31 1995

IDWR

NOTICE: This is an invoice of Purchase made by you. Statement will be rendered the first of the month.
Please Retain This Invoice as Your Statement Will Refer to Invoice by No. Only.

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, ss.
County of Nez Perce

Karen Lewis, being duly sworn, deposes and says, I am the Legal Clerk of the Tribune Publishing Company, a corporation organized and existing under and by virtue of the laws of the State of Idaho, publishers of the LEWISTON MORNING TRIBUNE, a newspaper of general circulation published at Lewiston, Nez Perce County, Idaho; That the said Lewiston Morning Tribune is an established newspaper and has been published regularly and issued regularly at least once a day for more than 21 consecutive years next immediately preceding the first publication of this notice, and has been so published uninterrupted for said period; that the 542056NOTICEOFA attached hereto and which is made a part of this affidavit was published in the said Lewiston Morning Tribune, 2 time(s). Publication being on 08/17, or once a ~~week~~ for 2 consecutive ~~weeks~~, the first publication thereof being on the 08/17/95, and the last publication thereof being on the 08/24/95, and said 542056NOTICEOFA was so published in the regular and entire issue of said newspaper and was not in a supplement thereof and was so published in every issue and number of the said paper, during the period and times of publication as set forth above.

Karen J. Lewis

SUBSCRIBED AND SWORN BEFORE ME THIS THE 29day of August 1995

Ray Reed
Notary Public in and for the State of Idaho,
residing at Lewiston, therein
Commission Expires 7/97

NOV 16 1995

85-07617

MEDLEY, DICK
5075 N CIRCLE DRIVE
RATHDRUM, ID 83858

Source: GROUNDWATER

Diversion Pt: NESE Sec 36 T 37N R 02W in NEZ PERCE County.

Use: IRRIGATION	(	0.200 CFS)
DOMESTIC	(	0.200 CFS)
Total Diversion:	(	0.200 CFS)

Date Filed: 7/27/1995

In: NEZ PERCE County	
T37N R01W S31	NWSW
R02W S36	NESE

10.0 ACRES TOTAL

RECEIVED

NOV 16 1995

August 10, 1995

Dick Medley
5075 N Circle Drive
Rathdrum, ID 83858

Re: Water Appropriation Application No. 85-07617

Dear Mr. Medley:

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. To assist us in providing you with prompt, accurate service, please refer to the above referenced number in all future matters concerning this water right application.

Your appropriation application is currently being prepared for advertising in the county newspaper. This advertisement will be published for two consecutive weeks followed by a waiting period of ten days to allow for the submittal of protests. Normal processing time is approximately 3 to 4 months, if the application is not protested.

If the application is not protested, it will be forwarded to Boise to be considered for approval by the Director. However, if the application is protested during this waiting period, you will be sent a copy of the protest and instructions to aid you in resolving the protest without a hearing. However all protests must be resolved before approval of the application can be made, so if the protestant does not voluntarily withdraw the protest, this department will conduct a conference and/or hearing on the matter.

If your application is for groundwater and you are using a well that was constructed after July 1, 1987, it will be necessary for you to apply for a well drilling permit upon approval of the appropriation application, if no permit was obtained by you or previous owners to construct the well. Well drilling permits can be issued by this office only to holders of approved appropriation permits.

If you have any questions or if I can be of any assistance please feel free to contact me at this office.

Sincerely,

ALLEN BEARDSLEE
Senior Water Resources Agent

AB:db

RECORDED

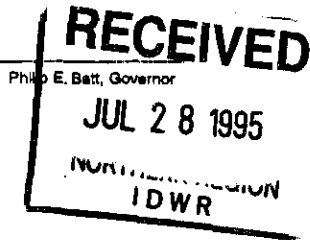
NOV 16 1995



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1118 "F" Street, Lewiston, ID 83501-1986, (208) 798-4370



July 26, 1995

Dick Medley
P.O. Box 8
Rathdrum, Idaho 83858

RE: Well Lot Approval for Medley Subdivision

Dear Mr. Medley:

On July 25, 1995, I visited the proposed well site for the Medley Subdivision, located on the Clearwater River near Peck, Idaho. The well is located in the southeast quarter of the southeast quarter of section 36, Range 1 West, Township 37 North in Nez Perce County. The well lot appears to meet the requirements established by the State of Idaho and is approved as the well lot for the Medley Subdivision. This approval is contingent on the following:

- 1) The owner must be able to control the 50' radius well lot through ownership or leasing.
- 2) The well lot shall be shown on the construction plans, as well as all sources of potential contamination within a 500' radius.
- 3) The owner shall submit proof that he owns or leases the entire 50' well lot.

Because the construction and approval of a public drinking water well involves more than one agency and more than one set of regulations, I have included a short summary of the requirements that you must meet prior to being approved to provide water to the residents of the Medley Subdivision.

The Idaho Division of Environmental Quality (DEQ) approves proposed well sites and their accompanying well lots when the well is to be used as a water source for an existing or proposed public drinking water system. The Idaho DEQ also ensures that all construction and testing related to wells meets minimum standards set forth by the state of Idaho through review and approval of construction plans submitted to our office prior to work being performed.

The approval of proposed well sites and well lots is based on standards listed in Health and Welfare Regulations, Idaho Rules for Public Drinking Water Systems, IDAPA 16.01.08.000 *et seq.* These standards consist of the following:

- 1) Wells shall be located on well lots that are owned by the water system owner or leased for the expected life of the well by the water system owner. The well lot shall extend 50 feet from the well in all directions. If the well lot is leased, it may be beneficial to include a

NOV 16 1995

statement in the lease document that assures the ability of the water system owner to comply with Idaho drinking water regulations. It may be sufficient to state that nothing in the easement agreement shall be construed as limiting or modifying in any way the ability, authority, or responsibility of the District to comply with IDAPA 16.01.8601,01.i. This requirement is detailed in Item 2.

2) The well lot shall exclude any sources of contamination, including petroleum products, tanks storing non-potable substances, toxic or hazardous substances, herbicides, pesticides, fertilizers, sewer lines, canals, ditches, streams, ponds, lakes, or livestock. In addition, petroleum products, herbicides, pesticides, and fertilizers shall not be applied to the well lot.

3) Privies, individual home septic tanks, individual home seepage pits, and individual home disposal fields shall not be located within a 100 foot radius of the well.

4) The proposed well site and well lot shall be approved prior to the actual drilling of the well if the well is to be used by the public drinking water system.

The approval of the well lot by the Idaho DEQ does not constitute an approval for the drilling of the actual well, construction of the well and associated piping, or an approval for the water from that particular well to be supplied to the users of the public water system. This approval only indicates that the well site is acceptable to the state of Idaho. Well lot approval is not required to drill a pilot well, but it is highly encouraged to avoid future conflicts should the well be profitable enough to develop as a water source.

The Idaho DEQ does not approve the actual drilling of any well. The Idaho Department of Water Resources (IDWR) approves well drilling through a permit system and should be contacted prior to actual drilling.

The Idaho DEQ reviews and approves all construction associated with the transfer of groundwater from an aquifer to a public drinking water distribution system prior to any actual construction. For a project to be approved for construction, the plans and specifications must meet the following criteria.

1) The plans and specifications must be submitted to the Idaho DEQ by a professional engineer licensed in the state of Idaho, and contain his professional stamp and signature.

2) All plans and specifications must comply with Department of Health and Welfare standards for public water system construction.

3) All plans and specifications must comply with appropriate American Water Works Association standards.

4) All plans and specifications must comply with appropriate Recommended Standards for Water Works, 1992 Edition standards.

5) All plans and specifications must comply with appropriate IDWR requirements.

NOV 16 1995

6) As-constructed plans must be submitted to the Idaho DEQ by a professional engineer licensed in the state of Idaho no later than 30 days after completion of the project. This usually requires that an engineer be on-site to inspect the construction of the project. The proposed inspection schedule should be reviewed by the IDEQ prior to actual construction.

Our engineer will be glad to work with your engineer to see that all applicable design and construction requirements are met in a timely fashion, avoiding costly delays in your project.

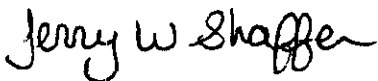
Prior to the new water source being used, the system owner must show that the water quality complies with state requirements regarding Inorganic Compound contamination, Volatile Organic Compound contamination, Synthetic Organic Compound contamination, bacteriological contamination, and radionucleii contamination. These requirements are listed as follows:

- 1) The system shall test for and not exceed the maximum contamination limits for barium, cadmium, chromium, fluoride, mercury, selenium, sodium, nitrite, and nitrate. The system is encouraged to test for antimony, beryllium, cyanide, nickel, sulfate, and thallium.
- 2) The system shall test for and not exceed regulated VOC's. A list of these chemicals is available from the approved laboratories in our area.
- 3) The system shall test for and not exceed regulated SOC's. A list of these chemicals is available from the approved laboratories in our area.
- 4) The system shall take and pass a bacteriological test prior to delivering any water to the system.
- 5) The system shall test for and pass an Alpha radiation test.

Because testing requirements do change often, it would be best to contact our office's drinking water specialist prior to taking the water quality tests to make sure that all required tests are taken in a timely manner. In addition, he can help you locate the proper laboratory for each test and give helpful tips on saving time and money on testing.

We are happy to work with you and your engineer on any or all of these requirements. If I can be of any further service to you, please don't hesitate to call me at 799-4370.

Sincerely,



Jerry W. Shaffer
Water Quality Engineering Specialist

cc: Tom King, Idaho Department of Water Resources, CdA
Dale Geaudreau, North Central District Health Department
Jim Paulson, Gem State Engineering and Surveying, CdA

6/1995



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

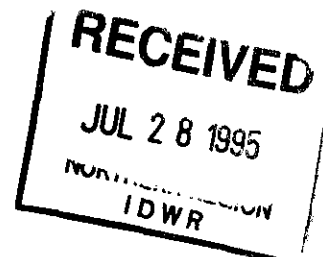
DIVISION OF
ENVIRONMENTAL QUALITY

1118 "F" Street, Lewiston, ID 83501-1988, (208) 799-4370

Philip E. Batt, Governor

July 27, 1995

Eddie Gray, Jr.
1283 Main Street Viola
Moscow, Idaho 83843



RE: Well Lot Approval for Well Near Viola

Dear Mr. Gray:

On July 25, 1995, I visited the proposed well site on your farm near the town of Viola. The well lot is located to the east of Viola's main street and near the south end of town. The well lot appears to meet the requirements established by the State of Idaho and is approved as the well lot for the Medley Subdivision. This approval is contingent on the following:

- 1) The owner must be able to control the 50' radius well lot through ownership or leasing.
- 2) The well lot shall be shown on the construction plans, as well as all sources of potential contamination within a 500' radius.
- 3) The owner shall submit proof that he owns or leases the entire 50' well lot.

Because the construction and approval of a public drinking water well involves more than one agency and more than one set of regulations, I have included a short summary of the requirements that you must meet prior to being approved to provide water to the residents of the Medley Subdivision.

The Idaho Division of Environmental Quality (DEQ) approves proposed well sites and their accompanying well lots when the well is to be used as a water source for an existing or proposed public drinking water system. The Idaho DEQ also ensures that all construction and testing related to wells meets minimum standards set forth by the state of Idaho through review and approval of construction plans submitted to our office prior to work being performed.

The approval of proposed well sites and well lots is based on standards listed in Health and Welfare Regulations, Idaho Rules for Public Drinking Water Systems, IDAPA 16.01.08.000 *et seq.* These standards consist of the following:

- 1) Wells shall be located on well lots that are owned by the water system owner or leased for the expected life of the well by the water system owner. The well lot shall extend 50 feet from the well in all directions. If the well lot is leased, it may be beneficial to include a statement in the lease document that assures the ability of the water system owner to comply

NOV 16 1995

with Idaho drinking water regulations. It may be sufficient to state that nothing in the easement agreement shall be construed as limiting or modifying in any way the ability, authority, or responsibility of the District to comply with IDAPA 16.01.8601,01.i. This requirement is detailed in Item 2.

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The approval of the well lot by the Idaho DEQ does not constitute an approval for the drilling of the actual well, construction of the well and associated piping, or an approval for the water from that particular well to be supplied to the users of the public water system. This approval only indicates that the well site is acceptable to the state of Idaho. Well lot approval is not required to drill a pilot well, but it is highly encouraged to avoid future conflicts should the well be profitable enough to develop as a water source.

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3) All plans and specifications must comply with appropriate American Water Works Association standards.

4) All plans and specifications must comply with appropriate Recommended Standards for Water Works, 1992 Edition standards.

5) All plans and specifications must comply with appropriate IDWR requirements.

NOV 16 1995

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Our engineer will be glad to work with your engineer to see that all applicable design and construction requirements are met in a timely fashion, avoiding costly delays in your project.

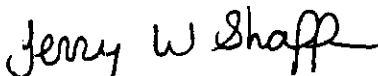
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- 2) The system shall test for and not exceed regulated VOC's. A list of these chemicals is available from the approved laboratories in our area.
- 3) The system shall test for and not exceed regulated SOC's. A list of these chemicals is available from the approved laboratories in our area.
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Because testing requirements do change often, it would be best to contact our office's drinking water specialist prior to taking the water quality tests to make sure that all required tests are taken in a timely manner. In addition, he can help you locate the proper laboratory for each test and give helpful tips on saving time and money on testing.

We are happy to work with you and your engineer on any or all of these requirements. If I can be of any further service to you, please don't hesitate to call me at 799-4370.

Sincerely,



Jerry W. Shaffer
Water Quality Engineering Specialist

JWS/ba

cc: Tom King, Idaho Department of Water Resources, CdA

NOV 16 1985



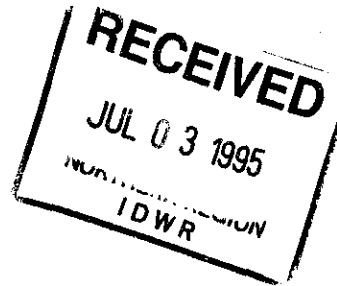
IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1118 "F" Street, Lewiston, ID 83501-1986, (208) 799-4370

Philip E. Batt, Governor

June 29, 1995



James M. Paulson, P.E.
Gem State Engineering and Surveying
296 West Sunset Avenue
Sunset Mall
Coeur d'Alene, Idaho 83314

RE: Dick Medley Water System Project

Dear Mr. Paulson:

On June 28, 1995 you submitted plans and specifications for the Dick Medley Water System Project near Lewiston, Idaho. I have reviewed these plans and they do not comply with State of Idaho requirements for the design and construction of public water systems. Please consider the following when resubmitting the plans for future review and approval.

- 1) All well sites for public drinking water wells must be approved by the Idaho Division of Environmental Quality prior to drilling. This is to ensure that potential sources of contamination do not preclude the use of the well as a public drinking water source. To my knowledge, this well site has not been approved by our office. We would be happy to visit the development to review the proposed well site upon request by the owner or engineer.
- 2) The well must be located on a well lot that is owned or leased for the life of the well by the water system. This well lot must have a 50' radius and be shown on the plans.
- 3) The well must be designed by a professional engineer licensed in the State of Idaho and approved by the Idaho Division of Environmental Quality prior to construction. To my knowledge this has not been done.
- 4) All potential sources of contamination to the well and the water system must be shown on the plans. This would include septic tanks, drainfields, former and current dump sites, former and current chemical storage facilities, etc.
- 5) All calculations to determine system demand, well production requirements, residual pressures, storage requirements, and fire flow demands must be submitted with the plans for review by our office.

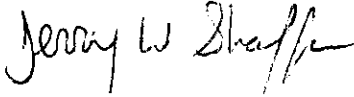
NOV 16 1995

- 6) What fire flow has been set for this development? What are the storage requirements to meet fire demand?
- 7) The plans need to show contour lines or water main profiles.
- 8) All major items of equipment such as pumps, water meters, pitless adapters, and pressure tanks must be designated by the engineer to check for acceptability for the project. This may include determining the availability of replacement parts for pumps (due to the system having only one water source), ability of the water meter to handle project flow ranges, etc.
- 9) Does the booster pump station contain a floor drain?
- 10) Pressure gages must be included on both sides of the pump in the booster pump station.
- 11) An air release mechanism should be installed on the outlet side of the booster pump in case of a malfunction by the pump.
- 12) A bypass must be available should the booster pump fail.
- 13) If the upper area cannot be served with the booster pump out of service, the booster pump station must contain two booster pumps, each capable of meeting peak demand.
- 14) The controls for the booster pump must be shown on the plans.
- 15) Locator tape or wire should be installed over the water main to facilitate locating the pipe in the future.
- 16) All water lines and facilities must be shown within easements.
- 17) The horizontal location of the water main must be shown to ensure that it remains within easements and right-of-ways, to ensure that it keeps away from possible sources of contamination, and for easy location in the future. This can be accomplished by offsetting the water main from known, unmovable points such as property boundaries, road centerlines, etc., by the use of coordinates, by the use of bearings and distances, or any other appropriate method the engineer proposes.
- 18) Any curvilinear installations of the water main must be checked to ensure that the pipe is not installed at a smaller radius of curvature than allowed by the manufacturer.
- 19) A disinfection standards must be included on the plans or in the specifications.
- 20) A pressure/leakage test standard must be included on the plans or in the specifications.
- 21) A bacteria test must be taken and passed prior to delivering water to any customer.

NOV 16 1935

If you have any questions or comments regarding this review, please feel free to contact me at 799-4370.

Sincerely,



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cc: Dale Geaudreau
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NOV 16 1995