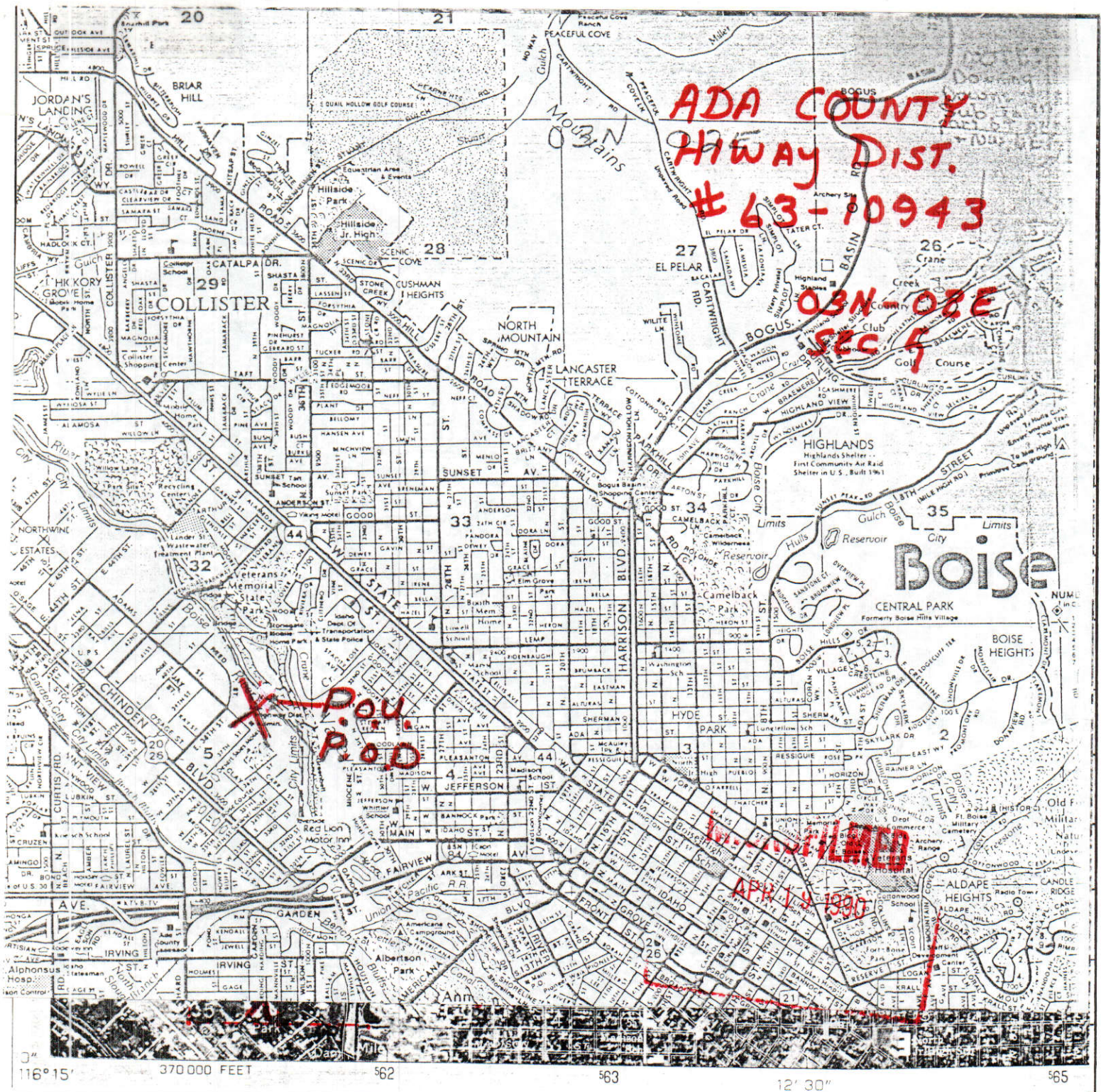


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

[Signature]
For ACHD (Applicant)




Par ACHD (Applicant)

63-10943

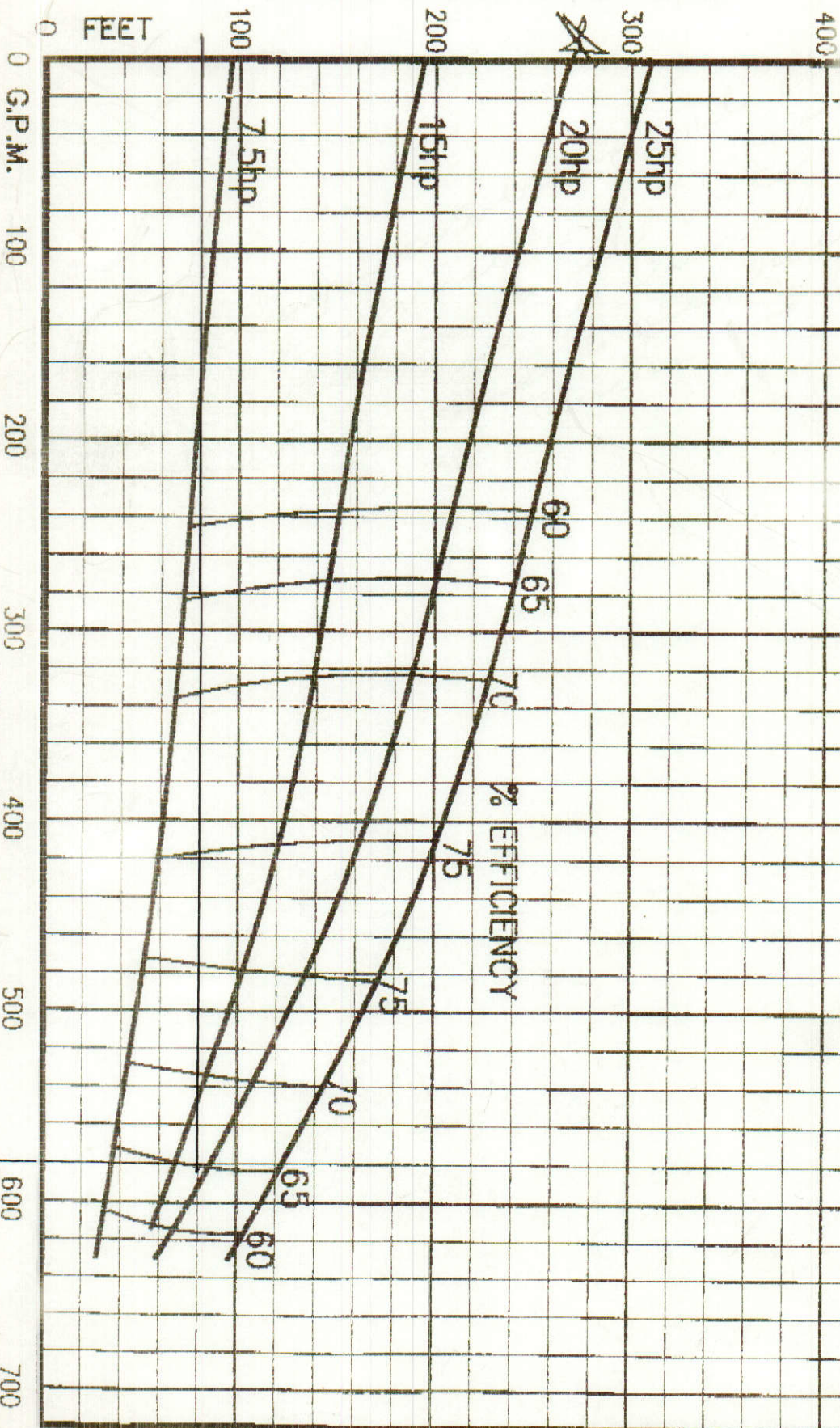
FAMILY CURVE
DESIGN SERIES: LS450_7
SPEED: 3450
CURVE NO.: ST2825A

SIZE: 7"
HZ: 60
DATE: 8 NOV 88

STA-RITE
A WICOR COMPANY
WATER PRODUCTS GROUP

UN 28 1994

TOTAL DYNAMIC HEAD



ASSUMING
65' LIFT + 0
SURFACE +
15' LIFT + 0
FRICTIONS

CAPACITY

~580 GPM @ 65% eff. (open discharge)

DEEP WELL SUBMERSIBLE TURBINE

63-10943

CURVE No. ST2825A

LIQUID END WEIGHTS

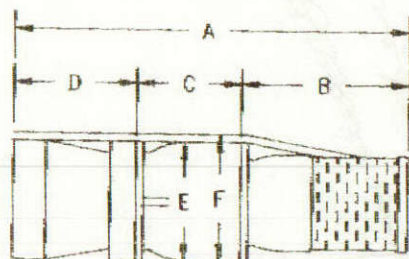
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	59.3	5-60	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	25.5	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 8.19 Sq. In.
THRUST CONSTANT K 2.47 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
25	M01996	3	4.75"
20	M01996	3	4.19"
15	M01996	2	4.38"
7.5	M01996	1	4.38"

OUTLINE DIMENSIONS



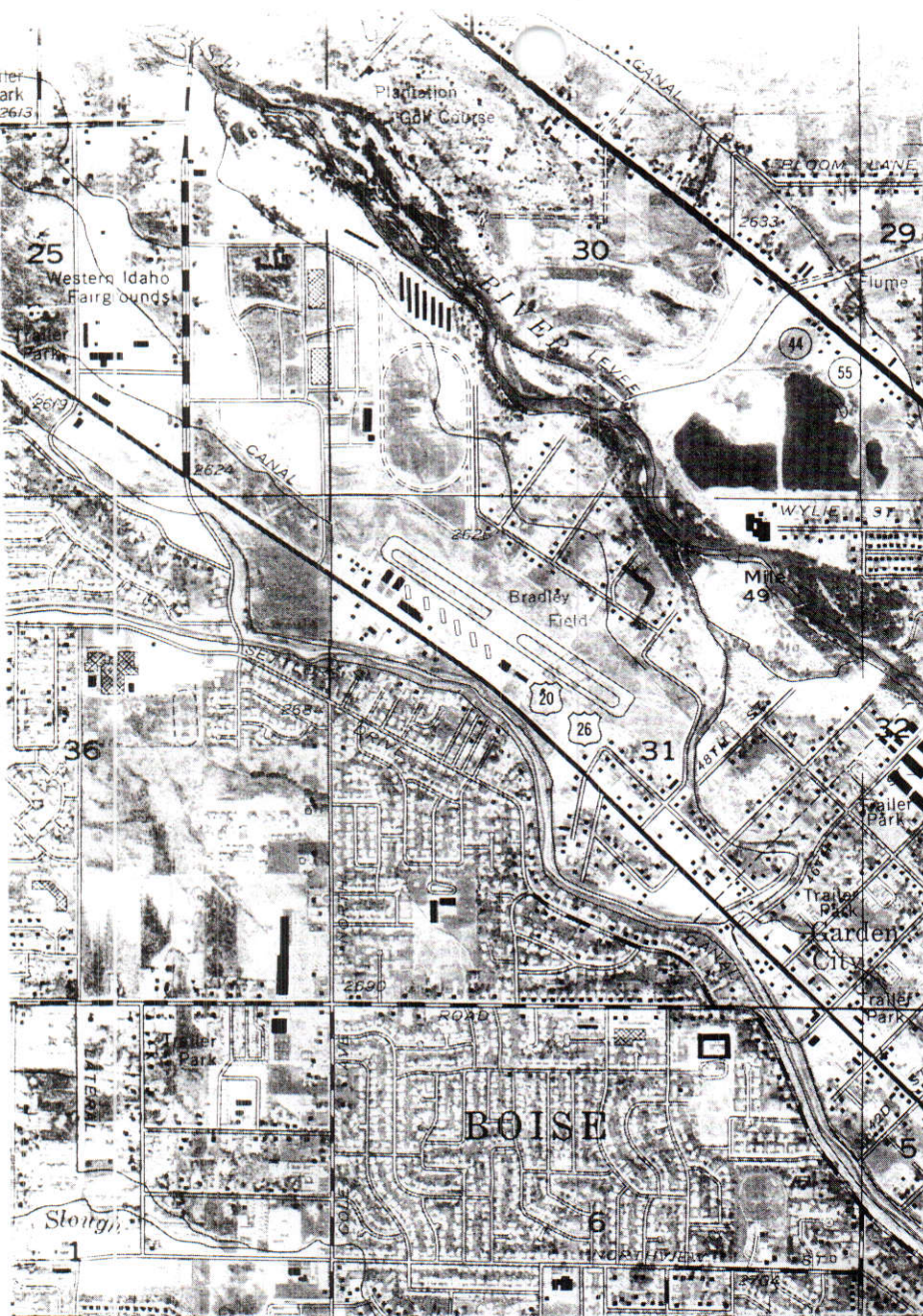
- A- ONE STAGE LIQUID END LENGTH
- B- SUCTION CONNECTION LENGTH
- C- STAGE LENGTH
- D- DISCHARGE CONNECTION LENGTH
- E- BOWL DIAMETER
- F- DIAMETER ACROSS LEAD GUARD

BOWL DATA

BOWL No. M06019 PUMP SHAFT Dia. 1"
TYPE: THREADED DISCHARGE SIZE 6" NPT

NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
19.94	10.94	6.50	2.50	6.50	6.94	5-60	6"



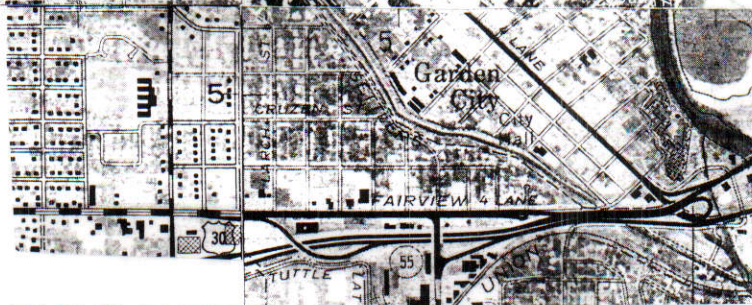
4834

4833

4832
T. 4 N

63-10943

T3N GOU 45
R2E
SEC 5



EAGLE, IDAHO
N4337.5—W11615/7.5

1981

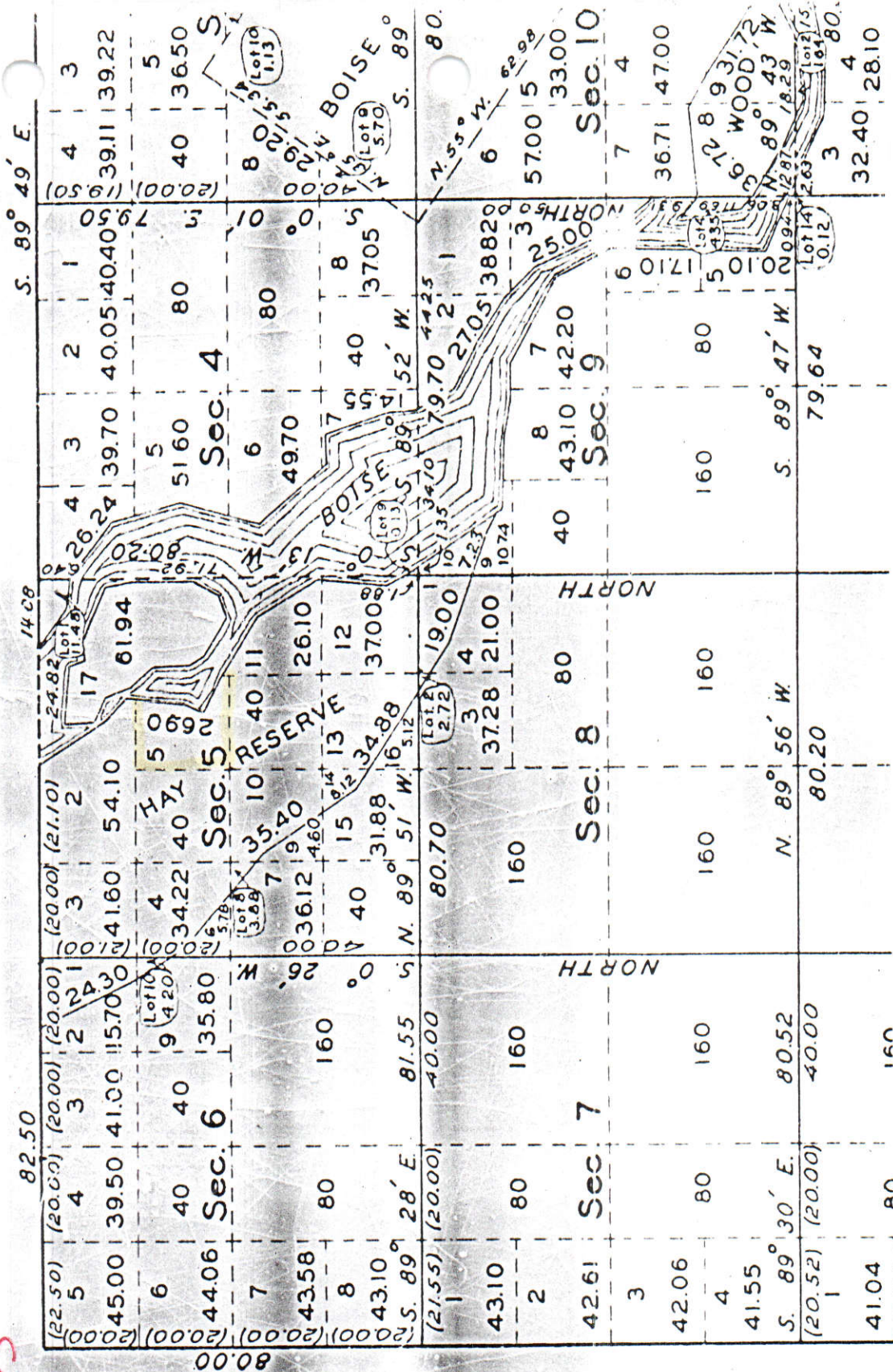
MIDWESTERN
JUN 28 1994

EAGLE

COMPOSITE PLAT

VNSHIP N° 3 NORTH, RANGE N° 2 EAST

63-10943



RECORDED
JUN 28 1994

63-10943



16" CASING
1' ABOVE GROUND

20 HP SUBMERSIBLE WELL

RECEIVED
JUN 28 1994

#

63-10943

4" STEEL PIPE USED
TO FILL WATER
TRUCKS

2.5" STEEL PIPE +
HOSE USED TO FILL
SWEEPERS +
WASH EQUIPMENT



SWEEPER TRUCK

JUN 28 1994

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 63-10943

Priority: September 18, 1989 Maximum Diversion Rate: 1.00 CFS
Maximum Diversion Volume: 22.6 AF

This is to certify, that ADA COUNTY HIGHWAY DEPT
318 E 37TH ST
BOISE ID 83704

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated September 18, 1989; and
has submitted Proof of Beneficial Use on March 12, 1992. An examination indicates
that the works have a diversion capacity of 1.300 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>
INDUSTRIAL	01/01 to 12/31	1.00 CFS	22.6 AF

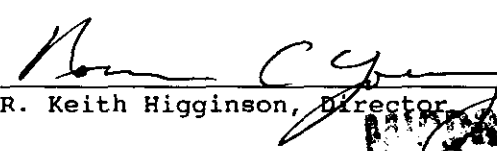
LOCATION OF POINT(S) OF DIVERSION: Lot 5 (SWNE), Sec. 5, Township 03N, Range 02E
ADA County

PLACE OF USE: INDUSTRIAL
TWN RGE SEC
03N 02E 5 Lot 5 (SWNE)

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Industrial use is for filling street cleaning equipment.

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 15TH
day of JUNE, 1994.

Acting for  R. Keith Higginson, Director

JUN 28 1994

RECEIVED

FEB 25 1992

RECEIVED
MAR 12 1992

OFFICE USE ONLY
Amt. of Fee \$ 12.00
Date 2-7-92
Receipt No. 0023375
Receipt by KB

STATE OF IDAHO Department of Water Resources

Department of Water Resources DEPARTMENT OF WATER RESOURCES

50.00
0023493
3-13-92
JY

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. 63-10943 Telephone No. (208) 345-7634
2. Name(s) of Permit Holder(s): Ada County Highway District
3. Mailing Address: 318 East 37th Street, Boise, Idaho 83714
4. Source of Water: Ground Water (Well)

If GROUNDWATER, Well Driller's Name: Goose Well Drilling Date Drilled: 7-22-89

OPTIONAL:

Pump horsepower: 20 H.P. Pressure (psi): _____ Dynamic pumping level (ft.): _____

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

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

Irrigation _____ (No. of acres) Other Fill Water Tanks / Water Trucks / Etc.

6. Total rate and/or volume for which proof is submitted 1.00 cfs OR 2 acre/feet

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

Measuring device: Required? _____ Yes XX No Installed? _____ Yes XX No

OR

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

8. Fee Enclosed: \$180.00 (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.

Gene Hall

(208) 345-7680

Name

Telephone No.

318 East 37th Street, Boise, Idaho 83714

Address

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

February 13, 1992

Gene Hall

Maintenance & Operations Manager

Date

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

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF PERMIT NOS.	)	
63-10761 GERALD D. HERRICK	)	
63-10786 WISHNEY-ATTORNEY RETIREMENT PLAN	)	
63-10943 ADA COUNTY HIGHWAY DEPT.	)	ORDER
63-10940 DIAMOND SPORTS INC.	)	
63-11079 MOUNTAIN HOME ROAD DISTRICT	)	
63-11082 ERNEST A. QUIER	)	
63-11152 JANET A. HAHN, WILLIAM C. HAHN	)	

**ORDER REMOVING THE CONDITION OF APPROVAL
FROM PERMITS WITH DIVERSIONS TRIBUTARY TO THE BOISE RIVER**

Each of the above-referenced permits was approved with one of the following requirements:

- A. Prior to diverting water under this water right, the water right holder shall submit to the Department and for an augmentation plan to compensate for depletions of the flows of the Boise River. (63-10761)
- B. Twelve acre-feet of storage water shall be leased from the Boise River water supply bank every year prior to diverting water under this right. (63-10786)
- C. Diversion of water under this right is conditioned upon the annual rental of two acre-feet or storage water from the Boise River Water Supply Bank. The Department retains jurisdiction to modify the rental storage requirement if it finds that the water right holder is diverting more or less water than is required presently under this condition. (63-10943)
- D. Authorization to divert water under this right is dependent upon the annual lease of water from the Boise River Water Supply Bank. (63-10940, 63-11080, and 63-11082)
- E. It is the responsibility of the user of this water right to determine when flows are sufficient to satisfy this water right plus all downstream water rights. (63-11152)

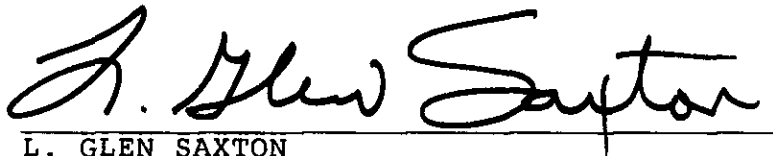
The Department has determined that these conditions are not necessary for the distribution of water under these permits.

The Department orders the removal of any one of these conditions from the above-referenced permits.

MICROFILMED

APR 13 1992

Dated this 28th day of January, 1992.


L. GLEN SAXTON
Water Allocation Bureau

ORDER - 63-10943



APR 13 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-10943

Proposed Priority: September 18, 1989 Maximum Diversion Rate: 1.00 CFS
This is to certify, that **ADA COUNTY HIGHWAY DEPT.**
318 E. 37TH ST.
BOISE, ID 83704

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>
INDUSTRIAL	01/01 to 12/31	1.00 CFS

LOCATION OF POINT(S) OF DIVERSION: LOT 5(SWNE), Sec. 5, Township 03N, Range 02E
ADA County

PLACE OF USE: INDUSTRIAL

TWN RGE SEC

03N 02E 5 SWNE

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 1992.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The point of diversion identified in this permit is located within the boundaries of the Boise Front Low Temperature Geothermal Resource Groundwater Management Area. The well driller must monitor water temperatures while drilling the well. If water with a temperature greater than 85 degrees Fahrenheit is encountered by the driller, drilling must immediately cease, and the Department must be notified. Drilling shall not resume until the Department has reviewed the drilling conditions, and established standards for construction with the driller.
5. Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
6. Prior to the diversion of water under this permit 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.
7. Diversion of water under this right is conditional upon the annual rental of two acre-feet or storage water from the Boise River Water Supply Bank. The Department retains jurisdiction to modify the rental storage requirement if it finds that the

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APR 19 1990

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-10943

CONDITIONS/REMARKS:

water right holder is diverting more or less water than is
required presently under this condition.
Industrial use is for filling street cleaning equipment.

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

23 day of March, 1990.

R. Keith Higginson
R. Keith Higginson, Director

for

MICROFILMED

APR 19 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant ADA COUNTY HIWAY DEPARTMENT Phone 345-7634
Post office address 318 E 37th ST. BOISE ID. 83704
2. Source of water supply GROUND WATER. which is a tributary of _____
3. Location of point of diversion is _____ ¼ of SW ¼ of NE ¼, Govt. Lot 05
Sec. 05 Township 03 N Range 02 E B.M. ADA County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 1.0 CFS for INDUSTRIAL purposes from 1/1 to 12/31 (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)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 1.0 and/or (b) 2 ac. ft.
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. DRILLED WELL w/ PUMPING SYSTEM
TO FILL EQUIPMENT - TRUCKS, SWEEPERS, ETC.
 - 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 10"-12" inches; proposed depth of well is 50 Ft. 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
2 years (minimum 1 year).

MICROFILMED

APR 19 1990

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. _____
- e. Other; describe fully. INDUSTRIAL USE FOR ADA COUNTY HIWAY DIST.
USE WILL CONSIST OF FILLING STREET CLEANING EQUIPMENT.

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	
03N	02E	05			I														

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. NONE

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

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: APPLICANT HAS MADE A PURCHASE AGREEMENT WITH BOISE DIST
#63 WATER BANK FOR REPLACEMENT WATER IN BOISE RIVER (2-ACFT.)

APR 17 1990

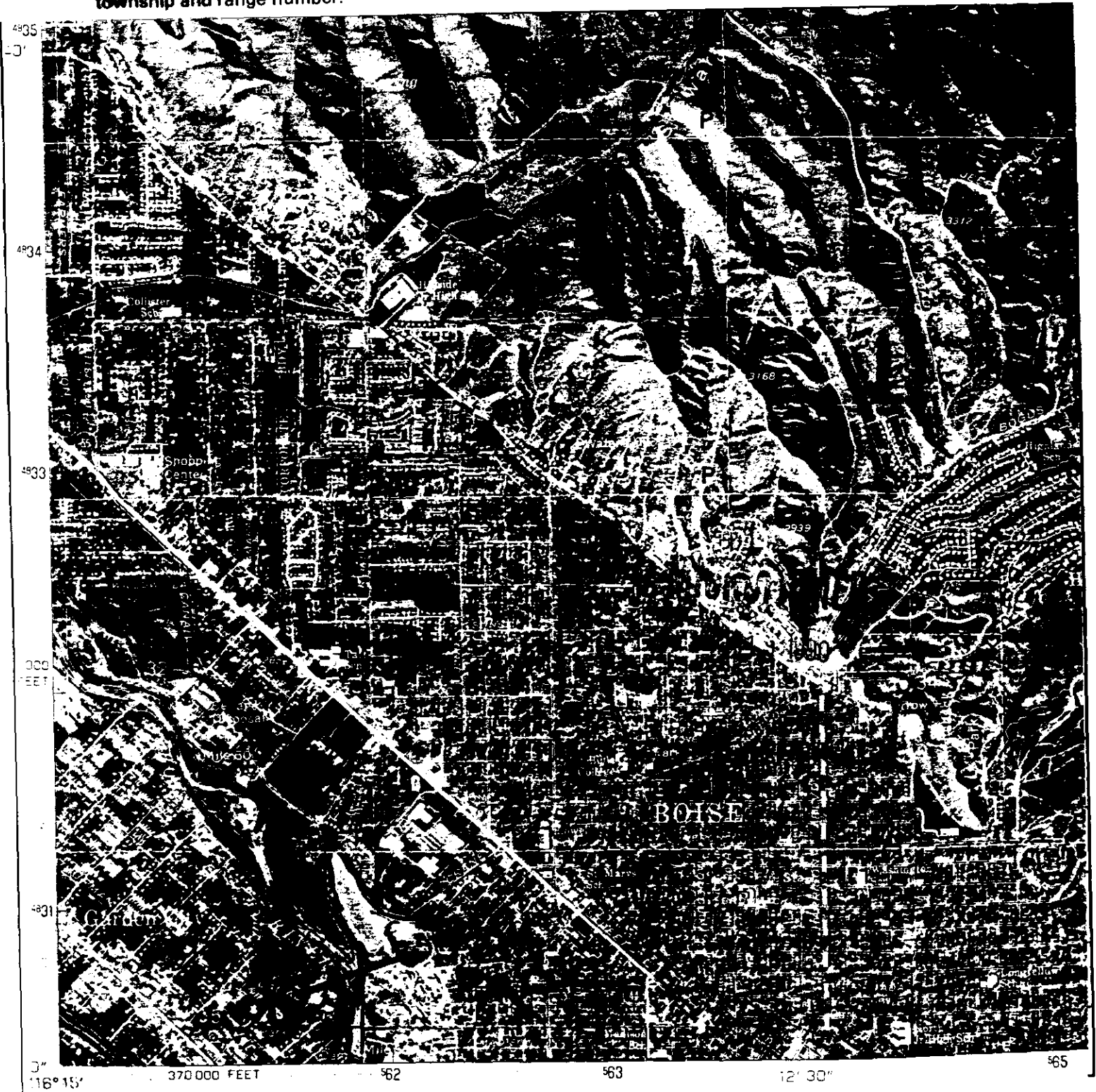
13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

[Signature]
For ACHD (Applicant)

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.

For ACHD (Applicant)

Received by JW Date Aug 30 1989 Time 2:30 PM Preliminary check by RW
Fee \$ 30.00 Receipted by JW # W005293 Date Aug 30, 1989
15.00 JW W005978 Sept. 18, 1989
Publication prepared by GG Date 10-11-89 Published in ID Statesman
Publication approved J Date 11-7-89
10/19 & 10/26/89

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:

MICROFILMED

APR 19 1990



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

June 16, 1994

ADA COUNTY HIGHWAY DEPT
318 E 37TH ST
BOISE ID 83704

RE: WATER RIGHT NO. 63-10943

Dear Water Right Holder(s):

Enclosed herewith 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,

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECEIVED

JUN 28 1994

WR074:NP
No. L63-10943

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 06/03/94
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	ADA COUNTY HIGHWAY DEPT 318 E 37TH ST BOISE ID 83704 (208) 345-7634	09/18/1989	INDUSTRIAL	01-01 12-31	1.00 CFS	22.60 AFA
TOTAL DIVERSION:					1.00 CFS	22.60 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 1.30 CFS

Point(s) of Diversion: T03N R02E S05 Lot 05(SWNE)

ADA County

Place of use Legal Description for: INDUSTRIAL

NE				NW				SW				SE								
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:
03N	02E	5	:			05-1	:													:

Pou County: ADA

Remarks: Industrial use is for filling street cleaning equipment.

Dates: App. Received: 09/18/1989 Priority Date: 09/18/1989
Proof Due Date: 04/01/1992 Proof Made Date: 03/12/1992
Exam Made Date: 04/30/1992 Exam Sent to S.O.: 06/16/1993
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Comments: Date: 02/25/1992 User-ID: VAULT Subject: Proof of Beneficial Use Rcvd
Proof of Beneficial Use Rcvd

Audit: 06/03/94 BCHAPMAN

LICENSE REVIEW CHECKLIST

PERMIT NO. 63-10943 DATE 6-3-94



NAME	Yes	No	☒	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? _____
			☒	Overlaps? _____
PLACE OF USE			☒	Amendment needed? _____
			☒	Overlaps? _____
DIV RATE			☒	Measurement done? _____ Theoretical only? _____ <u>Pump Curve Q = 1.3 CFS</u>
				Capacity: <u>1.3</u> Combined rates exceed capacity _____ Allowable amount: <u>1.0 CFS per permit</u>
ANNUAL VOLUME			☒	Season of use: <u>1-1 to 12-31</u> Calculations: _____ <u>Q = 22.66 AF</u> Flow limit: _____ cfs x _____ x 1.9835 = _____ Combined volumes exceed capacity/allowable _____
USES			☒	Change(s) in Nature of Use? _____ Amendment necessary? _____
REMARKS			☒	Multiple p/d(s) in ¼ ¼? _____
			☒	Other _____
CONDITIONS			☒	Measuring/Locking Devices _____
			☒	Watermaster control - District _____
			☒	Irrigation Overlap _____
			☒	Water Quality _____
			☒	Other <u>Special rental condition removed</u> <u>by Order dated 1-28-92.</u>
COMMENTS:	_____			

RECOMMENDED	CFS	VOLUME	LICENSE ☒
<u>Industrial</u>	<u>1.0</u>	<u>22.6</u>	
_____	_____	_____	1ST AMENDMENT LETTER _____
_____	_____	_____	FINAL AMENDMENT LETTER _____



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 17 1993
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-10943
1. Owner: ADA COUNTY HIGHWAY DISTRICT Phone No. 345-7934
Current Address: 318 E 37th St. BOISE ID 83704
2. Accompanied by: ERROL MORGAN EXAM. DATE: 4/30/92
Address: SAME Phone No. SAME
Relationship to Permit Holder: MANAGER
3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE ☐ Copies Attached
2. Other water rights with same point of diversion: NONE ☐ 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

see photos

RECEIVED
JUN 28 1994

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).

System Description (continued)

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

A 20HP submersible sta-rite pumps water ~65' to surface and up another ~15' through a 4" steel pipe to fill water trucks. Water can also be diverted through a 2.5" steel pipe, then a 1" rubber hose used to fill sweeper trucks and to wash equipment.

☐ 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
WELL		20		STA-RITE	4" STEEL PIPE

*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
WELL	5		SWNE		5	3N	2E	ADA	ORTHO PHOTO

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	
3N	ZE	5			I														—

Do not use this space

JUN 28 1994

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:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$\frac{20 \text{ HP} \times 8.8 \times .7}{80}$$

$$= 1.54 \text{ cfs}$$

2 70% eff.

2. Alternate Method for Checking Purposes:

$$1.43 \text{ cfs}$$

2 65% eff.

PUMP CURVE SUPPORTS
THEORETICAL 2 1.3 cfs
CAPACITY (assuming
80 lift, 65% efficiency)

F. PUMP EFFICIENCY DATA (Optional)

ALLOW 1.0 cfs per permit

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:

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

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

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

JUN 28 1994

2. Volume Calculations for Other Uses:

8 WATER TRUCK FILLS @ 3000 GAL/TRUCK = 24000 GPD
6 SWEEPER TRUCK FILLS @ 400 GAL/TRUCK = 2400 GPD
TRUCK WASHING = 2000 GPD
28,400 GPD

(POTENTIAL)

$$1.0 \times 260 \text{ DAYS} \times 1.9835 = 515.7$$

$$1.3 \times 260 \text{ DAYS} \times 1.9835 = 670.4$$

$$28,400 \times 5 \text{ days} = 142,000 \text{ GPW}$$
$$142,000 \times 52 \text{ WKS} = 7,384,000 \text{ GPY} / 325,850 = \underline{\underline{22.6 \text{ AFA}}}$$

H. REMARKS AND OVERLAP REVIEW ANALYSIS

No other work used.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>INDUSTRIAL</u>	<u>1/1</u>	<u>12/31</u>	<u>1.0</u>	<u>22.6 AFA</u>
Totals:			<u>1.0 cfs</u>	<u>22.6 AFA</u>

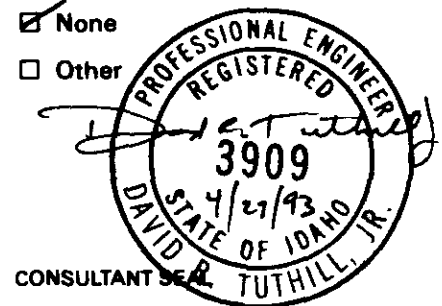
2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above

- ☒ None
☐ Other

J. AUTHENTICATION

Field Examiner's Name LOREI GRAVES
JEW 1/26/93 Signature Lori Graves
Certification Date _____
Field Report Preparation Date 5/15/92



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

JUN 28 1994

63-10943

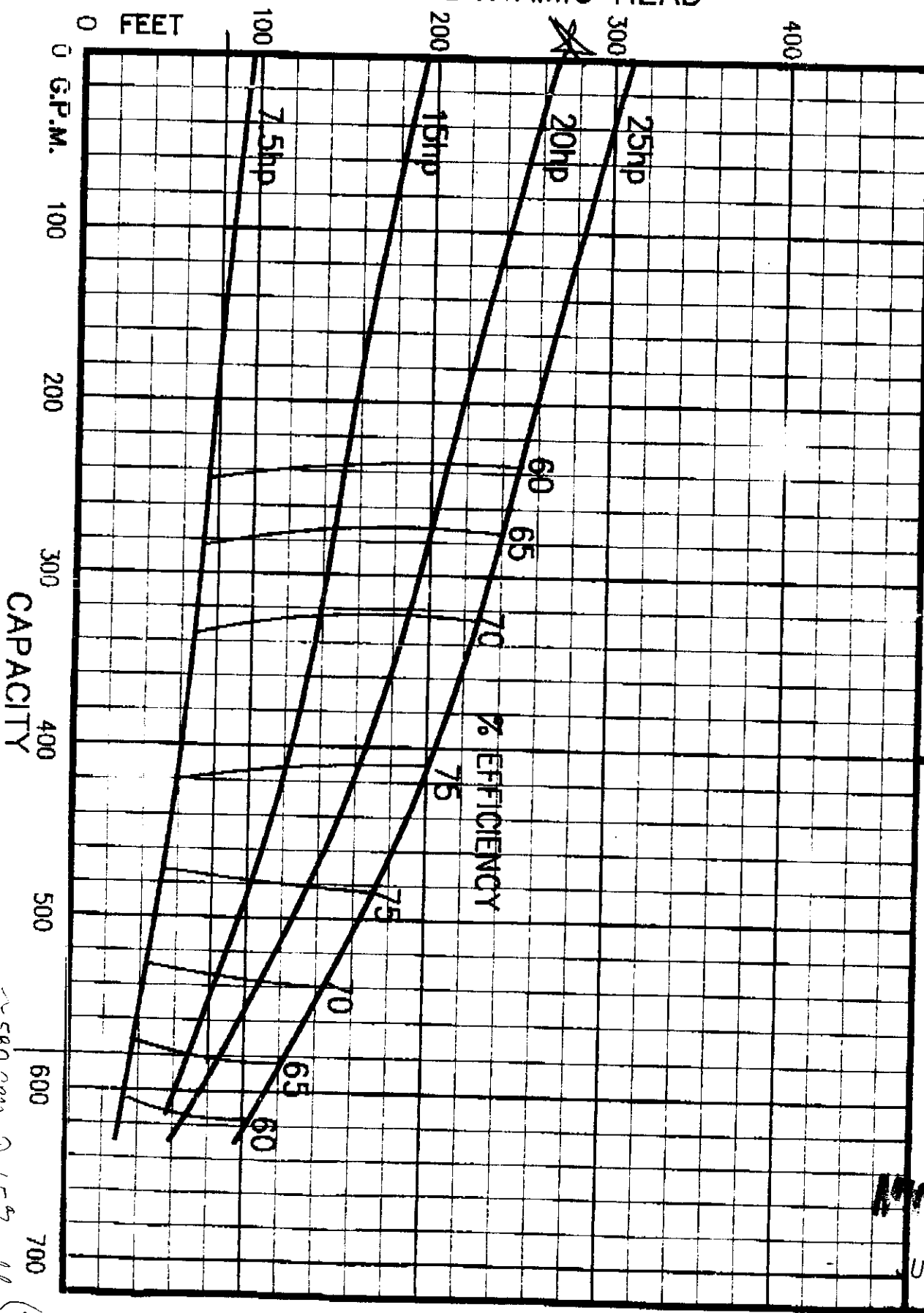
FAMILY CURVE
 DESIGN SERIES: LS450_7
 SPEED: 3450
 CURVE NO.: ST2825A

SIZE: 7"
 HZ: 60
 DATE: 8 NOV 88

STA-RITE
 A WICOR COMPANY
 WATER PRODUCTS GROUP

UN 28 1994

TOTAL DYNAMIC HEAD



ASSUMING
 60' lift to
 surface +
 10' lift to
 tanks

003/003

ACHD

208 315 7650

05/13/92 08:25

580 GPM @ 65% eff. (open discharge)

DEEP WELL SUBMERSIBLE TURBINE

63-10943

CURVE No. ST2825A

LIQUID END WEIGHTS

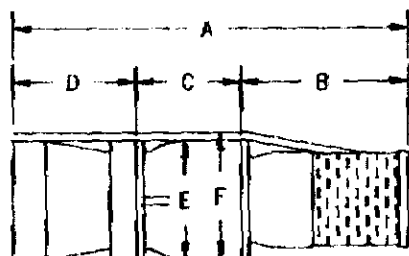
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	59.3	5-60	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	25.5	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 8.19 Sq. In.
THRUST CONSTANT K 2.47 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
25	M01996	3	4.75"
20	M01996	3	4.19"
15	M01996	2	4.38"
7.5	M01996	1	4.38"

OUTLINE DIMENSIONS



- A- ONE STAGE LIQUID END LENGTH
- B- SUCTION CONNECTION LENGTH
- C- STAGE LENGTH
- D- DISCHARGE CONNECTION LENGTH
- E- BOWL DIAMETER
- F- DIAMETER ACROSS LEAD GUARD

BOWL DATA

BOWL No. M06019 PUMP SHAFT Dia. 1"
TYPE: THREADED DISCHARGE SIZE 6" NPT

NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
19.94	10.94	6.50	2.50	6.50	6.94	5-60	6"



63-10943

T3N 60W 45
R2E
SEC 5



EAGLE, IDAHO
N4337.5—W11615/7.5

1981

MICROFILMED
JUN 28 1994

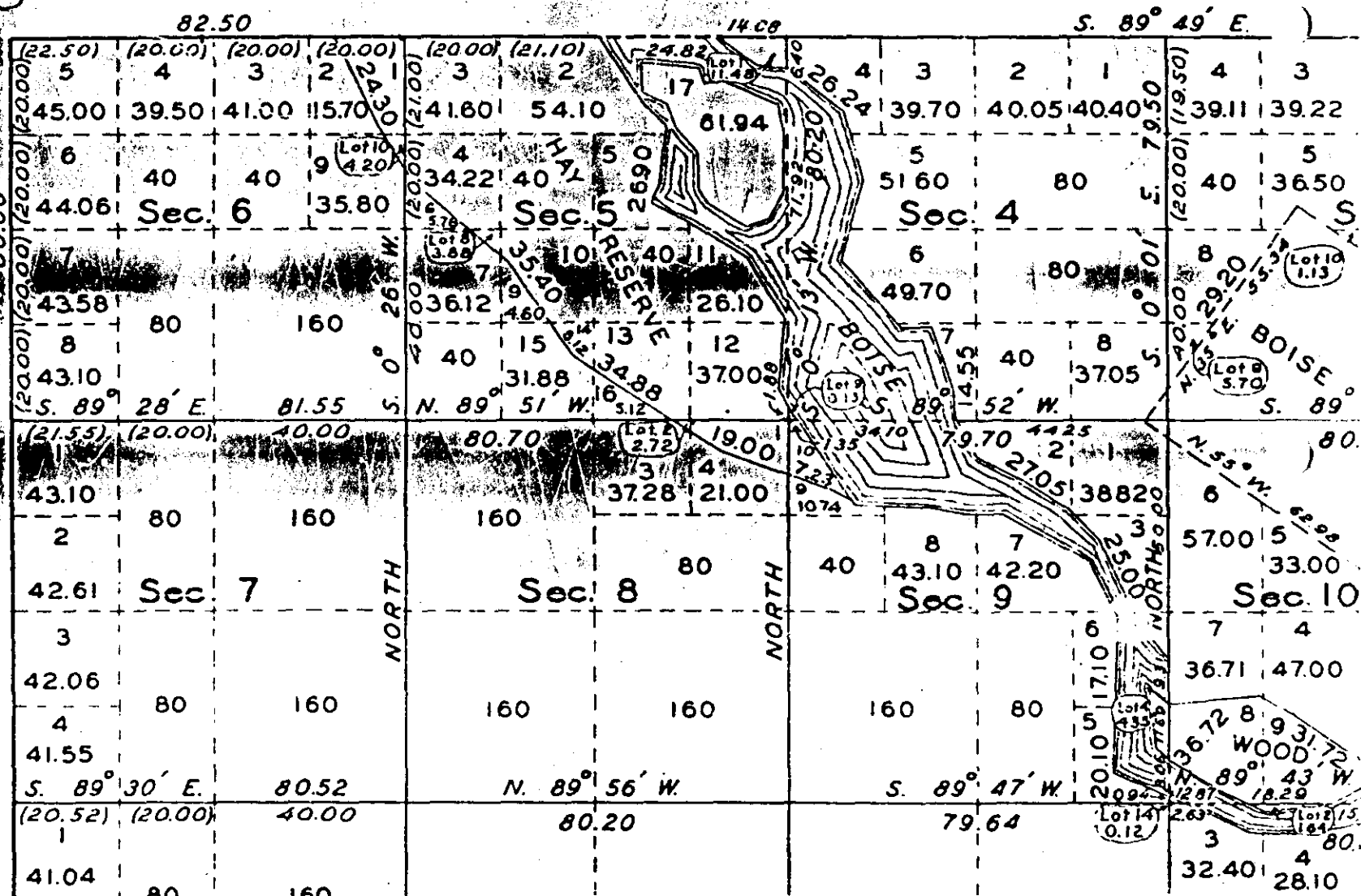


COMPOSITE PLAT

VNSHIP N° 3 NORTH, RANGE N° 2 EAST

63-10943

JUN 28 1994



WELL INSPECTION FORM

JUN 28 1934

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.

1. WELL OWNER Name <u>ADA COUNTY Highway DIST.</u> Address <u>318 E 37th Boise, IDA.</u> Owner's Permit No. <u>63-89-W-160</u> ✓	7. WATER LEVEL Static water level <u>12</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>54</u> °F. Quality <u>6000</u> Describe artesian or temperature zones below.																																																				
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement Well diameter increase _____ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ Air ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>500</u></td> <td><u>65</u></td> <td><u>8</u></td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>500</u>	<u>65</u>	<u>8</u>																																														
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<u>500</u>	<u>65</u>	<u>8</u>																																																			
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>28"</td> <td>0</td> <td>5</td> <td>SANDY CLAY</td> <td></td> <td>X</td> </tr> <tr> <td></td> <td>5</td> <td>12</td> <td>SAND</td> <td>X</td> <td></td> </tr> <tr> <td></td> <td>12</td> <td>19</td> <td>SAND & GRAVEL</td> <td>X</td> <td></td> </tr> <tr> <td>10"</td> <td>19</td> <td>42</td> <td>GRAVEL</td> <td>X</td> <td></td> </tr> <tr> <td></td> <td>42</td> <td>65</td> <td>BLUE CLAY</td> <td></td> <td>X</td> </tr> <tr> <td></td> <td>65</td> <td>152</td> <td>SAND</td> <td>X</td> <td></td> </tr> <tr> <td></td> <td>152</td> <td>154</td> <td>BLUE CLAY</td> <td></td> <td>X</td> </tr> </tbody> </table> <u>BLVD</u> <u>12/11/90</u> <u>OK RW</u> <u>RECEIVED</u> <u>JUN 28 1994</u>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	28"	0	5	SANDY CLAY		X		5	12	SAND	X			12	19	SAND & GRAVEL	X		10"	19	42	GRAVEL	X			42	65	BLUE CLAY		X		65	152	SAND	X			152	154	BLUE CLAY		X
Bore Diam.	Depth		Material	Water																																																	
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	5	12	SAND	X																																																	
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10"	19	42	GRAVEL	X																																																	
	42	65	BLUE CLAY		X																																																
	65	152	SAND	X																																																	
	152	154	BLUE CLAY		X																																																
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	10. Work started <u>DEC 5, 89</u> finished <u>Nov 12, 90</u>																																																				
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>2.50</u> inches</td> <td><u>16</u> inches</td> <td><u>1</u> feet</td> <td><u>19</u> feet</td> </tr> <tr> <td><u>2.50</u> inches</td> <td><u>10</u> inches</td> <td><u>2</u> feet</td> <td><u>118</u> feet</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> 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 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>JOHANSON</u> Type <u>STAINLESS</u> Model No. <u>304</u> Diameter <u>8"</u> Slot size <u>25</u> Set from <u>124</u> feet to <u>152</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>18</u> 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 _____	Thickness	Diameter	From	To	<u>2.50</u> inches	<u>16</u> inches	<u>1</u> feet	<u>19</u> feet	<u>2.50</u> inches	<u>10</u> inches	<u>2</u> feet	<u>118</u> feet									Number	From	To										11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>COONSE WELL DRILLING</u> Firm No. <u>409</u> Address <u>EAGLE, IDA</u> Date <u>Nov 20 90</u> Signed by (Firm Official) <u>Ray E. Coonse</u> and _____ (Operator)																				
Thickness	Diameter	From	To																																																		
<u>2.50</u> inches	<u>16</u> inches	<u>1</u> feet	<u>19</u> feet																																																		
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Number	From	To																																																			
6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location. N <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; text-align: center;">W</td> <td style="width:25%; text-align: center;">E</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> </table> S Subdivision Name _____ Lot No. _____ Block No. _____ County <u>ADA</u> <u>NE</u> x <u>NE</u> x Sec. <u>5</u> T. <u>3</u> N <u>W</u> S <u>R</u> <u>2</u> W <u>C</u>	W	E			USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT																																																
W	E																																																				

63-10943



16" CASING
1' ABOVE GROUND

20 HP SUBMERSIBLE WELL

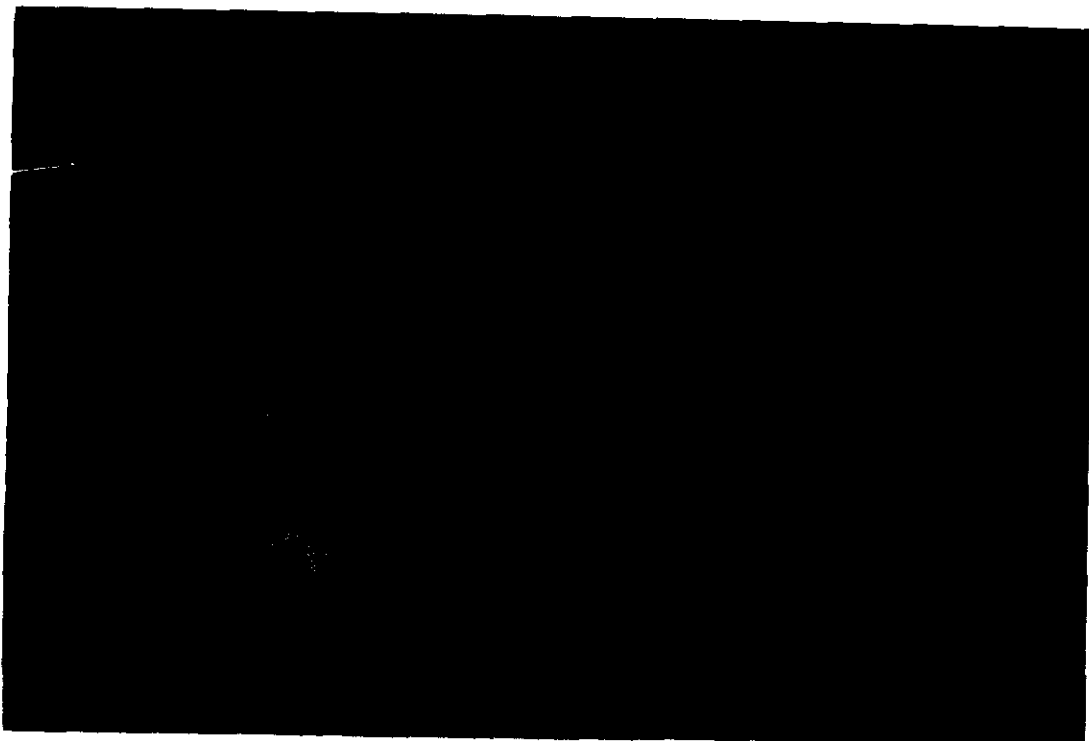
RECEIVED
JUN 28 1994

#

63-10943

4" STEEL PIPE USED
TO FILL WATER
TRUCKS

2.5" STEEL PIPE +
HOSE USED TO FILL
SWEEPERS +
WASH EQUIPMENT



SWEEPER TRUCK

JUN 28 1994

March 20, 1992

ADA COUNTY HIGHWAY DEPT.
318 E. 37TH ST.
BOISE ID 83704

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-10943

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.

I note that the permit issued to you by the department requires the installation of a flow measurement port to allow the department to determine the rate of diversion. The proof which you submitted does not show that you have installed this equipment.

The installation of the flow measurement port must be complete by the time the department representative conducts the examination of your system unless the department has rescinded the requirement prior to the field examination. In some cases, the equipment requirement can be rescinded because the equipment cannot be physically installed, is not appropriate or can be accommodated with other measuring methods.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

MICROFILMED
APR 13 1992



CHUCK L. WINDER, President
JAMES E. BRUCE, Vice President
GLENN J. RHODES, Secretary

March 11, 1992

State of Idaho
Department of Water Resources
1301 North Orchard Street
Statehouse Mail
Boise, Idaho 83720-9000

Attn: Karen L. Gustafson
Secretary/Records Manager

Re: Permit No. 63-10943

Dear Ms. Gustafson:

Reference your letter of February 26, 1992 concerning additional payment in the amount of \$50.00.

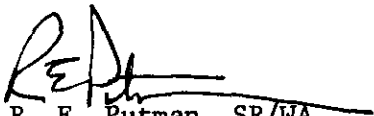
Returned is proof of beneficial use together with Ada County Highway District Check No. 16151, in the amount of \$50.00 as additional payment for the license exam fee for subject permit.

Also enclosed is a copy of receipt for monies paid for total amount of \$100.00.

Thank you for your assistance in the completion of this license.

Sincerely,

ADA COUNTY HIGHWAY DISTRICT


R. E. Putman, SR/WA
Right-of-Way Specialist

Enclosure

1. Proof of Beneficial Use
2. ACHD Check No. 16151 in the amount of \$50.00

cc: R/W Division Files, ACHD

rp

MICROFILMED
APR 18 1992

ada county highway district

318 East 37th • Boise, Idaho 83714 • Phone (208) 345-7680



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

February 26, 1992

Ada County Highway District
318 East 37th Street
Boise, ID 83714

Re: Permit No. 63-10943

Dear Permit Holder:

Returned is the proof of beneficial use you submitted to this office. You indicate the total rate of diversion to be 2 acre/feet. Unfortunately this measurement does not apply to your permit. Acre/feet measurements are used in the construction of ponds or dams.

Your permit was issued for 1.0 cfs. When the total rate of diversion is 1.0 cfs, a \$100 license exam fee is applicable. Please note the back of the instruction sheet. However, if your well is only pumping .20 cfs or less, please indicate this on the form and return it to me. If you want to apply for the entire 1.00 cfs, you will need to forward an additional \$50 license exam fee, since the total is \$100 and you have only submitted \$50.

In order to comply with the required dates, please return the proof of beneficial use along with the additional \$50 license exam fee within 30 days of the date of this mailing.

I realize that this can be confusing, so if you have any questions or if I can be of any further assistance, please feel free to contact me.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

Enclosure

MICROFILMED

APR 13 1992

3/89

Drilling Permit No. 63-89-W-160

Water Permit No. _____

Injection Permit No. _____

State of Idaho
Department of Water Resources

DRILLING PERMIT

1. Applicant ADA COUNTY Hiway Dist2. Address 318 E 37th ST. BOISE ID. 83704Telephone 345-7634☒ Well Owner ☐ Well Operator ☐ Other, specify _____3. Proposed well location NE 1/4 NE 1/4, or Gov't lot No. _____,Sec. 05, Twp. 03N, Rge. 02E, County Ada,

Lot, block and subdivision _____

4. Proposed use of well: (Check all that apply)

☐ Domestic ☐ Stockwater ☐ Monitoring
No. of households _____ No. of livestock _____☐ Irrigation ☐ Industrial ☒ Municipal☐ Injection ☒ Other, Specify To FILL STREET EQUIPMENT.

5. Well construction information:

☒ New well ☐ Deepen ☐ ReplaceProposed surface diameter 10"-12" Maximum depth 50 Ft

Anticipated bottom hole temperature:

☒ 85°F or less (Cold water well)
☐ 85°F to 212°F (Low temp. geothermal well)
☐ 212°F or more (Geothermal well)6. Anticipated construction start date Sept - 19897. Well Driller (if known) UNKNOWN.

Address _____

8. Applicant's signature [Signature] for ACHDTitle CHIEF R/W AgentDate 8/30/89MICROFILMED
APR 13 1992

ACTI OF DEPARTMENT OF WATER RESOURC

This Permit is Approved.

If approved, this permit authorizes the construction of a well subject to the following conditions:

GENERAL CONDITIONS

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from its date of issuance for the start of construction and is valid for one (1) year from the date of issuance for completion of the well unless an extension has been granted.
3. This permit does not constitute the approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Issuance of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85°F or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.

SPECIFIC CONDITIONS

NOTE: Applicant HAS MADE A PURCHASE AGREEMENT WITH BOISE DIST #63 FOR REPLACEMENT WATER. 2-AC.FT. (BOISE RIVER)

Dated this 30 day of AUGUST, 1989.

Signed John Weston for Dave Tuttle

Title Regional Manager

Received by JW Fee \$100 Date Aug 30 1989

Receipt No. W005293 Construction start extension to APR 13 1992

Extension approved by _____

MICROFILMED

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]

January 31, 1992

ADA COUNTY HIGHWAY DEPT.
318 E. 37TH ST.
BOISE ID 83704

PROOF DUE NOTICE

RE: PERMIT NO. 63-10943

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 April 1, 1992. (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.

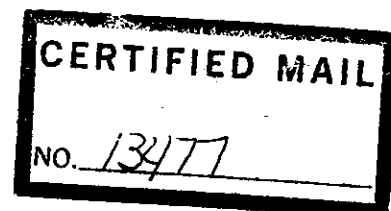
SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

MICROFILMED

APR 13 1992



S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

Statehouse
Boise, Idaho 83720
(208) 327-7900
March 29, 1990

ADA COUNTY HIGHWAY DEPT.
318 E. 37TH ST.
BOISE, ID 83704

P E R M I T A P P R O V A L N O T I C E

RE: PERMIT NO. P63-10943

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.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

Be sure to note the special condition requiring you to install a measuring device, or a flow measurement port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the flow measurement port.

MICROFILMED

APR 19 1990

Please note the requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The enclosed blue card must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permit was approved.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

MICROFILMED

APR 10 1990

MEMORANDUM

TO: File No. 63-10943 in the Name of Ada County Highway
Department
FROM: Gary Spackman *Gary*
DATE: March 5, 1990

RE: Condition Requiring Rental of Storage

The well proposed by application for permit to appropriate water no. 63-10943 is located very near the Boise River, and is shallow. The well will probably withdraw river water.

The application states that the applicant has agreed to purchase two acre-feet per year from the Boise River Water Supply Bank. It is difficult, however, for me to determine the exact amount of water necessary for the industrial purpose proposed.

I suggest the following condition be placed on the permit:

Diversion of water under this right is conditional upon the annual rental of two acre-feet of storage water from the Boise River Water Supply Bank. The Department retains jurisdiction to modify the rental storage requirement if it finds that the water right holder is diverting more or less water than is required presently under this condition.

MICROFILMED

APR 15 1990

ACH
318 E 37
Boise Id 8321



RECORDED

APR 13 1992



RECEIVED

APR 10 1990

Department of Water Resources

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. P63-10943

Name(s) of Permit Holder(s): Ada County Highway Dist.

Post Office Address: 318 E 325, Boise, Idaho

Tel. 46-7680

☒ I hereby certify that construction of diversion works for the above referenced permit began on JAN 10 1990 (date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

*Note: A financing difficulty is not an acceptable reason.

Date

Ada County Highway Dist.
Signature of Permit Holder

LEGAL ADVERTISING INVOICE

Amount Due

71560

Account Name Idaho Department of Water Resources - Western		Account Number 47628	
Address 2735 Airport Way		City/State Boise, Idaho	Zip 83705
Ordered By Gail Garrett	P.O. Number	Rate nt	Run Dates 1989 October 19, 26
Identification Notice of Application for Water Right		Estimated Inches	Real Inches

NOTICE OF APPLICATION FOR WATER RIGHT

The following applications have been filed to appropriate the public waters of the State of Idaho:

63-10822
Kilgret Ltd. Partnership
DBA Rustic Acres
Mobile Home Park
501 Greenleaf
Boise, ID 83704
Source: Groundwater
Diversions Pt: SWNE Sec 10 T 03N R 01E
Use: Irrigation (.130 CFS)
Date Filed: 8/16/1989
In: T03N R01E S10 SWNE
6.5 Acres Total

63-10868
Church of Jesus Christ
Latter Day Saints
Real Estate Division
12th Floor
50 E. N. Temple St.
Salt Lake City, UT 84150
Source: Groundwater
Diversions Pt: NESE Sec 3 T 03N R 01E
Use: Irrigation (.030 CFS)
Date Filed: 8/28/1989
In: T03N R01E S03 NESE
1.0 Acres Total

63-10869
Church of Jesus Christ
Latter Day Saints
Real Estate Division
12th Floor
50 E. N. Temple St.
Salt Lake City, UT 84150
Source: Groundwater
Diversions Pt: SWSWNW Sec 25 T 03N R 01E
Use: Irrigation (.140 CFS)
Date Filed: 8/28/1989
In: T03N R01E S25 SWNW
7.0 Acres Total

63-10882
Weeks, Edward R.
Weeks, Anna E.
430 Clearvue Dr.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: SENW Sec 19 T 04N R 01E
Use: Irrigation (.040 CFS)
Date Filed: 8/09/1989
In: T04N R01E S19 SENW
2.0 Acres Total

63-10890
Brian Water Corp.
c/o Tony Bowar, Pres.
P.O. Box 7345
Boise, ID 83707
Source: Groundwater
Diversions Pt: Lot 1 (SESE) Sec 33 T 03N R 03E
Use: Domestic (.110 CFS)
Use: Irrigation (.060 CFS)
Date Filed: 8/17/1989
In: T03N R03E S33 Lot (SESE)
2.0 Acres Total

63-10894
Merrell, Louis R.
Merrell, Dorothy G.
1423 Hereford Dr.
Eagle, ID 83616
Source: Groundwater
Diversions Pt: SWNW Sec 8 T 04N R 01E
Use: Irrigation (.100 CFS)
Use: Stockwater (.020 CFS)
Use: Domestic (.020 CFS)
Date Filed: 8/15/1989
In: T04N R01E S08 SWNW
5.0 Acres Total

63-10898
Rackham, Lawrence H.
Rackham, J'Deanne
1260 S. Eagle Rd.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: NESE Sec 13 T 03N R 01W
Use: Commercial (.1000 CFS)
Use: Irrigation (.020 CFS)
Date Filed: 8/16/1989
In: T03N R01W S13 NESE
0.5 Acres

63-10902
Tipton, William R.
Tipton, Sharon D.
10082 Prairie Rd.
Boise, ID 83703
Source: Groundwater
Diversions Pt: NWNENW Sec 11 T 04N R 01E
Use: Irrigation (.020 CFS)
Date Filed: 8/18/1989
In: T04N R01E S11 NENW
0.5 Acres Total

63-10907
Quigley, Glenn R.
Quigley, Nancy A.
9635 Madrid
Boise, ID 83709
Source: Groundwater
Diversions Pt: NWSE Sec 23 T 03N R 01E
Use: Irrigation (.030 CFS)
Use: Domestic (.020 CFS)
Date Filed: 8/21/1989
In: T03N R01E S23 NWSE
1.0 Acres Total

63-10909
Wall, Joan B.
6179 Lallago Dr.
Boise, ID 83709
Source: Groundwater
Diversions Pt: SESE Sec 36 T 03N R 01E
Use: Irrigation (.060 CFS)
Date Filed: 8/22/1989
In: T03N R01E S36 SESE
2.0 Acres Total

63-10910
Jordan, Richard L.
Jordan, Kathleen A.
3904 Mt. View Cir.
Boise, ID 83704
Source: Groundwater
Diversions Pt: SWNW Sec 4 T 03N R 02E
Use: Domestic (.100 CFS)
Date Filed: 8/23/1989
In: T03N R02E S04 SWNW
0.5 Acres Total

63-10912
Forrey Heights Water Users Assn. Inc.
c/o Edwin E. Harris
Rt. 1
Kuna, ID 83634
Source: Groundwater
Diversions Pt: SESE Sec 34 T 02N R 01W
Use: Domestic (.200 CFS)
Use: Irrigation (.200 CFS)
Date Filed: 8/24/1989
In: T02N R01W S34 SESE
In: T02N R02W S34 SWSW
10.0 Acres Total

63-10913
Guidry, Mary J.
Lanning, Gertrude B.
10903 Columbia Rd.
Boise, ID 83709
Source: Groundwater
Diversions Pt: NENE Sec 10 T 02N R 01E
Use: Irrigation (.150 CFS)
Date Filed: 8/24/1989
In: T02N R01E S10 NENE
5.0 Acres Total

63-10919
All Gods Children Inc.
c/o Harless McMikie
11371 W. Amity
Boise, ID 83709
Source: Groundwater
Diversions Pt: NWNE Sec 34 T 03N R 01E
Use: Commercial (.040 CFS)
Date Filed: 8/28/1989
In: T03N R01E S34 NWNE

63-10932
Stern, Patricia M.
Stern, Sr., Thomas E.
10701 Highlander
Boise, ID 83709
Source: Groundwater
Diversions Pt: SESE Sec 34 T 03N R 01E
Use: Irrigation (.030 CFS)
Date Filed: 8/28/1989
In: T03N R01E S34 SESE

63-10937
Blake, Kenneth D.
Blake, Mary D.
P.O. Box 312
Eagle, ID 83616
Source: Groundwater
Diversions Pt: SWSW Sec 9 T 04N R 01E
Use: Irrigation (.040 CFS)
Date Filed: 8/30/1989
In: T04N R01E S09 SWSW
2.5 Acres Total

63-10943
Ada County Highway Dept.
318 E. 37th St.
Boise, ID 83704
Source: Groundwater
Diversions Pt: SWNE Sec 5 T 03N R 02E
Use: Industrial (.1000 CFS)
Date Filed: 8/30/1989
In: T03N R02E S05 SWNE

63-10947
Five Mile Nazarene
c/o Pastor Jonathan Privett
2701 S. Five Mile Rd.
Boise, ID 83709
Source: Groundwater
Diversions Pt: SESE Sec 22 T 03N R 01E
Use: Irrigation (.150 CFS)
Use: Domestic (.040 CFS)
Date Filed: 8/31/1989
In: T03N R01E S22 SESE
5.0 Acres Total

63-10948
Davis, Sally
Davis III, Claude M.
4900 Meander Place
Eagle, ID 83616
Source: Groundwater
Diversions Pt: NWSW Sec 29 T 05N R 01E
Use: Irrigation (.150 CFS)
Use: Domestic (.020 CFS)
Date Filed: 9/01/1989
In: T05N R01E S29 NWSW
5.0 Acres Total

63-10949
Eagle Church of the Nazarene
P.O. Box 14
Eagle, ID 83616
Source: Groundwater
Diversions Pt: SESE Sec 8 T 04N R 01E
Use: Irrigation (.030 CFS)
Use: Domestic (.040 CFS)
Date Filed: 9/01/1989
In: T04N R01E S08 SESE
0.5 Acres Total

63-10951
Ward, William C.
Ward, Connie E.
5115 S. Locust Grove Rd.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: SENENE Sec 31 T 03N R 01E
Use: Irrigation (.030 CFS)
Date Filed: 9/05/1989
In: T03N R01E S31 NENE
1.0 Acres Total

63-10952
Hupp, Waller W.
Hupp, Rose Marie
8830 Stewart Rd.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: NWSE Sec 9 T 02N R 01E
Use: Irrigation (.150 CFS)
Date Filed: 9/07/1989
In: T02N R01E S09 NWSE
5.0 Acres Total

63-10956
Brunelli, Larry
Brunelli, Virginia
624 Los Luceros Cir.
Eagle, ID 83616
Source: Groundwater
Diversions Pt: SENW Sec 4 T 04N R 01E
Use: Irrigation (.040 CFS)
Date Filed: 9/06/1989
In: T04N R01E S04 SENW
1.5 Acres Total

63-10963
Dawson, Wayne
Dawson, Elma
Rt. 3 Deer Flat Rd.
Kuna, ID 83634
Source: Groundwater
Diversions Pt: NWNE Sec 22 T 02N R 01W
Use: Irrigation (.030 CFS)
Date Filed: 9/08/1989
In: T02N R01W S22 NWNE
1.0 Acres Total

63-10964
Prochaska, James M.
Prochaska, Patricia O.
2304 Ribler Dr.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: SWSWNE Sec 23 T 04N R 01W
Use: Irrigation (.150 CFS)
Date Filed: 9/08/1989
In: T04N R01W S23 SWNE SENW
5.0 Acres Total

63-10970
Quinn Robbins Co. Inc.
703 Americana Blvd.
Boise, ID 83702
Source: Groundwater
Diversions Pt: SWNE Sec 30 T 03N R 02E
Use: Commercial (.040 CFS)
Date Filed: 9/11/1989
In: T03N R02E S30 NENE

63-10980
Tisdale, Alan E.
Tisdale, Mary M.
P.O. Box 624
Eagle, ID 83616
Source: Groundwater
Diversions Pt: NWNE Sec 5 T 04N R 01E
Use: Irrigation (.040 CFS)
Date Filed: 9/15/1989
In: T04N R01E S05 NESE
1.5 Acres Total

63-10981
Boyle, W. Dean
Roundy, Spreng
Roundy, Joyce B.
3232 Catalina Ln.
Boise, ID 83705
Source: Groundwater
Diversions Pt: SWSWNW Sec 29 T 04N R 01E
Use: Irrigation (.150 CFS)
Use: Domestic (.040 CFS)
Date Filed: 9/18/1989
In: T04N R01E S29 SWNW
5.0 Acres Total

63-10982
School District #2
911 Meridian St.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: NESE Sec 8 T 03N R 01E
Use: Commercial (.200 CFS)
Date Filed: 10/04/1989
In: T03N R01E S08 SESE

63-10983
School District #2
911 Meridian St.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: SESE Sec 8 T 04N R 01E
Use: Irrigation (.360 CFS)
Date Filed: 10/04/1989
In: T04N R01E S08 SENE NESE
18.0 Acres Total

63-10984
School District #2
911 Meridian St.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: SESE Sec 28 T 04N R 01E
Use: Irrigation (.600 CFS)
Date Filed: 10/04/1989
In: T04N R01E S28 NESE SESE
30.0 Acres Total

63-10998
Bush, Robert J.
1735 E. Mary Ln.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: SWNW Sec 32 T 03N R 01E
Use: Irrigation (.080 CFS)

Date Filed: 9/08/1989
In: T03N R01E S32 SWNW
4.0 Acres Total

63-10999
Bunderson, Mary K.
Bunderson, Harold R.
582 River Heights Dr.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: Lot 7 (SWNE) Sec 24 T 04N R 01W
Use: Irrigation (.040 CFS)
Use: Domestic (.030 CFS)
Date Filed: 9/06/1989
In: T04N R01W S24 Lot 7 (SWNE)
2.0 Acres Total

63-11000
Bunderson, Harold R.
Bunderson, Mary K.
582 River Heights Dr.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: Lot 7 (SWNE) Sec 24 T 04N R 01W
Use: Irrigation (.080 CFS)
Use: Stockwater (.010 CFS)
Date Filed: 9/06/1989
In: T04N R01W S24 NWNE Lot 7 (SWNE)
4.0 Acres Total

63-11001
Pressman, Scott
Pressman, Beverly
2865 San Ramon
Meridian, ID 83642
Source: Groundwater
Diversions Pt: NWSW Sec 21 T 03N R 01E
Use: Irrigation (.090 CFS)
Use: Domestic (.040 CFS)
Date Filed: 9/06/1989
In: T03N R01E S21 SWSE
3.0 Acres Total

63-11003
Clements Concrete Co.
P.O. Box 8124
Boise, ID 83707
Source: Groundwater
Diversions Pt: SWSW Sec 32 T 04N R 02E
Use: Commercial (.200 CFS)
Date Filed: 8/17/1989
In: T04N R02E S32 SWSE

63-11004
Girdner, Paul K.
3895 Girdner Ln.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: NESW Sec 21 T 03N R 01E
Use: Irrigation (.060 CFS)
Use: Stockwater (.030 CFS)
Use: Domestic (.080 CFS)
Date Filed: 9/06/1989
In: T03N R01E S21 NESW
2.0 Acres Total

63-11005
Meridian Friends Church
1021 W. Pine St.
Meridian, ID 83642
Source: Groundwater
Diversions Pt: NESW Sec 12 T 03N R 01W
Use: Irrigation (.030 CFS)
Date Filed: 9/07/1989
In: T03N R01W S12 NESW
1.0 Acres Total

63-11006
Sterling, Wallace B.
913 E. Jefferson St.
Boise, ID 83712
Source: Groundwater
Diversions Pt: NWSW Sec 20 T 04N R 02E
Use: Domestic (.040 CFS)
Date Filed: 8/09/1989

63-11007
Nelson, Juanita
Nelson, Richard
8202 S. Cloverdale Rd.
Boise, ID 83709
Source: Groundwater
Diversions Pt: SWNW Sec 10 T 02N R 01E
Use: Irrigation (.080 CFS)
Use: Stockwater (.020 CFS)
Use: Domestic (.060 CFS)
Date Filed: 8/08/1989
In: T02N R01E S10 SWNW
4.0 Acres Total

63-11008
Meler, George A.
Meler, Sharon
695 Parkinson
Eagle, ID 83616
Source: Groundwater
Diversions Pt: SENENW Sec 15 T 04N R 01E
Use: Irrigation (.060 CFS)
Use: Commercial (.200 CFS)
Date Filed: 8/11/1989
In: T04N R01E S15 NENW
2.0 Acres Total

63-11009
Coffman, Kenneth L.
9775 Fairview Rd.
Boise, ID 83704
Source: Groundwater
Diversions Pt: NWNWNE Sec 11 T 03N R 01E
Use: Domestic (.020 CFS)
Date Filed: 8/09/1989
In: T03N R01E S11 NWNE

63-11010
Ashley, Don
Ashley, Katie
Rt. 1
Star, ID 83669
Source: Groundwater
Diversions Pt: NENWSW Sec 31 T 05N R 01W
Use: Irrigation (.140 CFS)
Date Filed: 8/09/1989
In: T05N R01W S31 Lot 3 (NWSW)
4.5 Acres Total

63-11011
R.T. Nahas Co. of Idaho
102 S. 17th #300
Boise, ID 83702
Source: Groundwater
Diversions Pt: SWNW Sec 18 T 03N R 01E
Use: Irrigation (.200 CFS)
Date Filed: 8/11/1989
In: T03N R01E S18 SWNW NWSW
10.0 Acres Total

63-11012
Henderson, Benlon L.
Henderson, Darlene
2248 Dunyon
Eagle, ID 83616
Source: Groundwater
Diversions Pt: NESE Sec 15 T 04N R 01E
Use: Irrigation (.040 CFS)
Date Filed: 8/17/1989
In: T04N R01E S15 NESE
1.5 Acres Total

63-11014
Madison, William C.
1101 W. Wright
Boise, ID 83705
Source: Groundwater
Diversions Pt: NESENE Sec 27 T 03N R 02E
Use: Commercial (.040 CFS)
Date Filed: 8/18/1989
In: T03N R02E S27 SESE

63-11015
Hasson, Brent
Hasson, Lori
10235 Cayuse Ln.
Boise, ID 83703
Source: Groundwater
Diversions Pt: SENWNW Sec 11 T 04N R 01E
Use: Irrigation (.030 CFS)
Date Filed: 8/14/1989
In: T04N R01E S11 NWNW
1.0 Acres Total

63-11016
Balderson, Sherry M.
10430 La Horlan Dr.
Boise, ID 83709
Source: Groundwater
Diversions Pt: SENWSW Sec 14 T 03N R 01E
Use: Irrigation (.030 CFS)
Date Filed: 8/23/1989
In: T03N R01E S14 NWSW
1.0 Acres Total

63-11017
Bolen, Gilbert J.
Bolen, Marlene J.
9190 Aquarius
Boise, ID 83709

Diversions Pt: NESE Sec 26 T 03N R 01E
Use: Irrigation (.020 CFS)
Use: Domestic (.020 CFS)
Date Filed: 8/25/1989
In: T03N R01E S26 NESE
1.0 Acres Total

63-11019
Esposito, John A.
Esposito, Lexi R.
388 Knob Hill Ct.
Eagle, ID 83616
Source: Groundwater
Diversions Pt: NWSE Sec 29 T 05N R 01E
Use: Irrigation (.150 CFS)
Use: Stockwater (.020 CFS)
Use: Domestic (.040 CFS)
Date Filed: 9/01/1989
In: T05N R01E S29 NWSE
5.0 Acres Total

63-11021
Herr, Rodney H.
Herr, Marcia H.
400 Coston
Boise, ID 83712
Source: Groundwater
Diversions Pt: SESE Sec 11 T 03N R 02E
Use: Irrigation (.090 CFS)
Use: Domestic (.040 CFS)
Date Filed: 9/08/1989
In: T03N R02E S11 SESE
3.0 Acres Total

63-11022
Roman Catholic Diocese of Boise
P.O. Box 769
Boise, ID 83701
Source: Groundwater
Diversions Pt: SESE Sec 1 T 03N R 01W
Use: Irrigation (.030 CFS)
Date Filed: 9/06/1989
In: T03N R01W S01 SESE
1.5 Acres Total

63-11023
Mountain View Equipment Inc.
P.O. Box 703
Meridian, ID 83642
Source: Groundwater
Diversions Pt: SWSW Sec 13 T 03N R 01W
Use: Irrigation (.020 CFS)
Use: Industrial (.100 CFS)
Use: Commercial (.040 CFS)
Date Filed: 9/07/1989
In: T03N R01W S13 SWSE
0.2 Acres Total

63-11025
Stegemann, Duane
6644 Glacier Dr.
Boise, ID 83712
Source: Groundwater
Diversions Pt: NESENE Sec 27 T 03N R 02E
Use: Domestic (.040 CFS)
Date Filed: 9/18/1989
In: T03N R02E S27 SESE

63-11026
Church of Jesus Christ
Latter Day Saints
Real Estate Division
Twelfth Floor
50 E. N. Temple St.
Salt Lake City, UT 84150
Source: Groundwater
Diversions Pt: NWNWNW Sec 32 T 03N R 01E
Use: Irrigation (.090 CFS)
Date Filed: 8/28/1989
In: T03N R01E S32 NWNW
3.0 Acres Total

63-11028
Beukelman, Jerry
Beukelman, Shirley
3398 N. Can Ada Rd.
Nampa, ID 83687
Source: Groundwater
Diversions Pt: Lot 4 (SWSWSW) Sec 31 T 04N R 01W
Use: Irrigation (.150 CFS)
Date Filed: 9/28/1989
In: T04N R01W S31 Lot 4 (SWSW)
5.0 Acres Total

63-11029
Markle, Joan I.
3575 Brookside Ln.
Boise, ID 83703
Source: Groundwater
Diversions Pt: NESW Sec 34 T 05N R 01E
Use: Irrigation (.120 CFS)
Date Filed: 8/15/1989
In: T05N R01E S34 SWSE
4.0 Acres Total

63-11030
Wisdom, Greg W.
3390 N. Whistler Ln. #103
Boise, ID 83703
Source: Groundwater
Diversions Pt: Lot 4 (SWSW) Sec 31 T 05N R 01W
Use: Domestic (.020 CFS)
Date Filed: 8/16/1989
In: T05N R01W S31 NESW Lot 3 (SWSW) Lot 4 (SWSW) SESE

63-11031
Terrace Water Corp.
c/o Joe Plaza
1889 Country Terrace Way
Meridian, ID 83642
Source: Groundwater
Diversions Pt: Lot 1 (NWNW) Sec 19 T 03N R 01E
Use: Irrigation (.140 CFS)
Use: Domestic (.240 CFS)
Date Filed: 9/28/1989
In: T03N R01E S19 Lot 1 (NWNW)
7.0 Acres Total

63-11032
Blue Cross of Idaho Health Service Inc.
P.O. Box 7408
Boise, ID 83707
Source: Groundwater
Diversions Pt: SESE Sec 15 T 03N R 02E
Use: Irrigation (.060 CFS)
Date Filed: 8/08/1989
In: T03N R02E S15 SESE
3.0 Acres Total

63-11033
Hon, Roland L.
Hon, Beverly B.
7677 Mossycup Dr.
Boise, ID 83709
Source: Groundwater
Diversions Pt: NENW Sec 7 T 04N R 01E
Use: Irrigation (.060 CFS)
Use: Domestic (.040 CFS)
Date Filed: 8/21/1989
In: T04N R01E S07 NENW
2.0 Acres Total

The permits will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before NOVEMBER 6, 1989.

R. KEITH HIGGINSON
Director
Pub. Oct. 19, 26, 1989 3886

63-10943

ADA COUNTY HIWAY DEPT.
318 E. 37TH ST.
BOISE, ID 83704

Source: GROUNDWATER

Diversion Pt: SWNE Sec 5 T 03N R 02E

Use: INDUSTRIAL (1.000 CFS)

Date Filed: 8/30/1989

In: T03N R02E S05 SWNE

MICROFILMED

APR 19 1990