

place of use, section

MICROFILMED
OCT 20 1989

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.

~~1099 also 5/8/8~~
~~Bldg. & Grnds. Supervisor~~

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
NOV 2 1992

Department of Water Resources

A. GENERAL INFORMATION

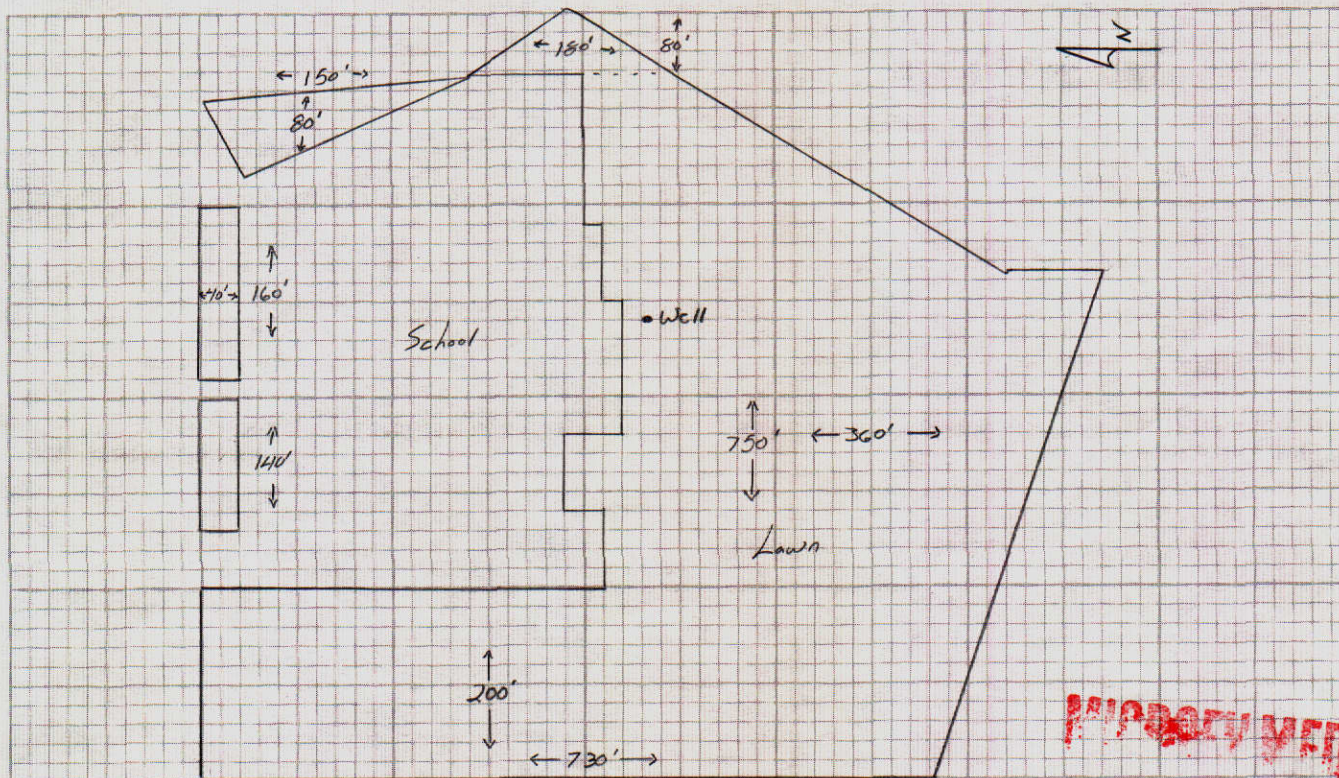
1. Owner: Independent School Dist. of Boise City Permit No. 63-10847
Current Address: 405 Collins Road Boise, ID 83702 Phone No. 338-3420
2. Accompanied by: Gerry Beier EXAM. DATE: 6-17-92
Address: _____ Phone No. _____
Relationship to Permit Holder: Maintenance
3. Source: Groundwater tributary to _____

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



Scale: 1" = 200'

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

PERMIT 63-10847 INIT mus
T. R. S. Q/Q
P/D 4N 2E 17 SE/SE
SCALE _____
PHOTO ID. x-8 Eagle



63-10847



Place of
use, Facing
West.



Place of
use, Facing
South.

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63-10847



Lawn on
west side,
Facing south



West side
of the school.

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-10847

Priority: May 10, 1989

Maximum Diversion Rate: 0.33 CFS
Maximum Diversion Volume: 36.9 AF

This is to certify, that INDEPENDENT SCHOOL DISTRICT OF BOISE CITY

405 COLLINS RD

BOISE ID 83702

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 10, 1989; and has submitted Proof of Beneficial Use on September 17, 1991. An examination indicates that the works have a diversion capacity of .490 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>
IRRIGATION	03/15 to 11/15	0.33 CFS	36.9 AF

LOCATION OF POINT(S) OF DIVERSION: SESE , Sec. 19, Township 04N, Range 02E
ADA 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>
04N	02E	19	SESE	8.2		8.2

Total number of acres irrigated: 8.2

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. This right when combined with all other rights shall provide no more than 4.5 afa per acre for the lands above.
6. Place of use is also known as Cynthia Mann Elementary School.

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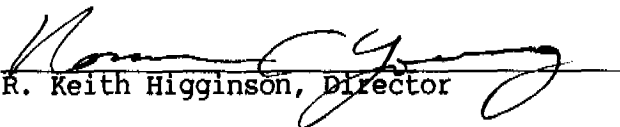
FEB 01 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-10847

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 5TH
day of JANUARY, 1993.

Acting for  R. Keith Higginson, Director



FEB 1 1993

BEFORE THE DEPARTMENT OF WATER RESOURCES

OF THE

STATE OF IDAHO

IN THE MATTER OF REMOVING THE TEMPERATURE)
MONITORING AND REPORTING REQUIREMENT FOR)
PERMITS NOS. 63-10846 AND 63-10847 IN THE) ORDER
NAME OF SCHOOL DISTRICT OF BOISE CITY)
_____)

WHEREAS, on October 10, 1989, the Department of Water Resources issued Permits Nos. 63-10846 and 63-10847 in the name of School District of Boise City with the requirement that:

Drilling fluid return temperatures shall be monitored each 20 feet during drilling, and a report shall be prepared of this data. This report, plus a determination of the static temperature gradient within the well shall be submitted to the Department when the well is completed or when 85 degree water is encountered, whichever is first.

and,

WHEREAS, the permit holder has represented that water of a temperature of 85 degrees Fahrenheit or greater was not encountered during well construction.

WHEREAS, The Department of Water Resources has determined that monitoring of return water temperatures and submittal of a report to the Department is not required at this time.

NOW THEREFORE, the condition of approval on Permits Nos.

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FEB 26 1990

63-10846 and 63-10847 requiring that return flow temperatures be monitored and reported is hereby REMOVED.

Dated this 9th day of January, 1990.

L. Glen Saxton

L. GLEN SAXTON

Chief, Water Allocations Bureau

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FEB 26 1990

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-10847

Proposed Priority: May 10, 1989

Maximum Diversion Rate:

0.50 CFS

This is to certify, that **SCHOOL DISTRICT OF BOISE CITY**
405 COLLINS RD.
BOISE, ID 83702

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

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

IRRIGATION

03/15 to 11/15

0.50 CFS

LOCATION OF POINT(S) OF DIVERSION:

NWSE

Sec. 19, Township 04N, Range 02E
ADA County

PLACE OF USE: IRRIGATION

TWN RGE SEC

ACRES

ACRES

ACRES

TOTAL

04N 02E 19

SESE 12.5

12.5

Total number of acres irrigated:

12.5

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **November 1, 1991**.
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 rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.04 cubic feet per second for each acre of land.
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. The point of diversion identified in this permit is located within the boundaries of the Boise Front Low Temperature Geothermal Resource Ground Water Management Area. If water with a temperature greater than 85 degrees Fahrenheit is encountered by the driller, the Department must be immediately notified and drilling must immediately cease pending a review of drilling conditions by the Department.
7. Drilling fluid return temperatures shall be monitored each 20 feet during drilling, and a report shall be prepared of this data. This report, plus a determination of the static temperature gradient within the well shall be submitted to the Department when the well is completed or when 85 degree water is encountered, whichever is first.

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OCT 20 1989

Permit To Appropriate Water

NO. 63-10847

CONDITIONS/REMARKS:

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

10th day of October, 1989.

for J. Glen Sartor
R. Keith Higginson, Director



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OCT 11 1989
WATER RESOURCES
DIVISION
BOISE, IDAHO

Should questions arise during the processing of this application please contact:

SHERL L. CHAPMAN
410 S. Orchard, Suite 144
Boise, ID 83705
344-6690

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

- Name of applicant The Independent School District of Boise City Phone 338-3420
Post office address 405 Collins Road, Boise, Idaho 83702
- Source of water supply Ground water which is a tributary of _____
- Location of point of diversion is NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot _____
Sec. 19 Township 4N Range 2E B.M. Ada County; additional points of diversion if any: _____
- Water will be used for the following purposes:
Amount .5 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)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
- Total quantity to be appropriated is (a) .5 and/or (b) 50 N/A per item 6a,
cubic feet per second acre feet per annum 7/11/89 SL
- Proposed diverting works:
 - Description of ditches, flumes, pumps, headgates, etc. Drilled 8" diameter well with submersible turbine pump. Irrigation will be conducted through buried sprinkler system. Drilling Permit 63-89-W-129
 - Height of storage dam N/A feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet; period of year when water will be diverted to storage: _____ to _____ inclusive.
 - Proposed well diameter is 8 inches; proposed depth of well is 250 feet.
 - Is ground water with a temperature of greater than 90°F being sought? No
- Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year).

NOT RECORDED

OCT 20 1989

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

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

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- 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	
4N	2E	19																12.5	12.5

Total number of acres to be irrigated 12.5

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: Irrigation of the school grounds must be done during the night and early morning when the school is unused. Consequently the diversion rate will be higher than that for crop production. This practice has been accepted by IDWR for parks, golf courses and recreation areas in the past when considering diversion rates.

RECORDED
OCT 20 1989

NICKOTINATED

Scale: 2 inches equal 1 mile.

application for permit to appropriate the public waters of

1094 5/8/09
 Bldg. & Grds. Supervisor

Received by nl Date 5-10-89 Time 2:30 pm Preliminary check by _____
Fee \$ 45:00 Received by mt # W002756 Date 5-10-89
Publication prepared by GG Date 7-12-89 Published in Id Statesman
Publication approved st Date 8-16-89
7/20 & 7/27/89

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:

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JUL 28 1989

The Idaho Statesman

P.O. BOX 40, BOISE, IDAHO 83707

Department of Water Resources
Western Regional Office

LEGAL ADVERTISING INVOICE

Amount Due

215.28

Account Name Idaho Department of Water Resources (Western)			Account Number #47628	
Address 2735 Airport Way		City/State Boise, ID		Zip 83705
Ordered By Gail Garrett	P.O. Number	Rate NT	Run Dates 1989 July 20, 27	
Identification Applications for Water Rights			Estimated Inches	Real Inches
1 Number of Affidavits Requested				Legal Number #3156

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-10824
McClue, Maurice
P.O. Box 372
Eagle, ID 83616
Source: Groundwater
Diversion Pt: Lot 1 (NENE)
Sec 14 T 04N R 01W
Use: Irrigation (.240 CFS)
Use: Domestic (.020 CFS)
Date Filed: 6/21/1989
In: T04N R01W S11 SESE
In: T04N R01W S14 Lot 1 (NENE)
15.0 ACRES TOTAL

63-10833
Stucker, Virgil A.
Stucker, Diane B.
8815 S. Ten Mile Rd.
Meridian, ID 83642
Source: Groundwater
Diversion Pt: NESE Sec 10 T
02N R 01W
Use: Irrigation (.090 CFS)
Use: Domestic (.040 CFS)
Use: Aesthetic (.030 CFS)
Date Filed: 6/22/1989
In: T02N R01W S10 NESE
4.5 ACRES TOTAL

63-10834
Barnedt, William J.
2480 Beverly
Boise, ID 83709
Source: Groundwater
Diversion Pt: NESW Sec 19 T
03N R 02E
Use: Irrigation (.100 CFS)
Use: Stockwater (.020 CFS)
Use: Domestic (.020 CFS)
Date Filed: 6/28/1989
In: T03N R02E S19 NESW
5.2 ACRES TOTAL

63-10839
McQueary, W. Warren
McQueary, F. Kaye
1990 Nova Ln.
Meridian, ID 83642
Source: Groundwater
Diversion Pt: NWNE Sec 22 T
03N R 01W
Use: Irrigation (.100 CFS)
Use: Domestic (.020 CFS)
Use: Stockwater (.020 CFS)
Date Filed: 6/30/1989
In: T03N R01W S22 NWNE
5.0 ACRES TOTAL

63-10840
City of Meridian
33 E. Idaho Ave.
Meridian, ID 83642
Source: Groundwater
Diversion Pt: SWSW Sec 2 T
03N R 01W
Use: Municipal (3.000 CFS)
Date Filed: 6/23/1989

63-10843
Rogers, Earnest M.
Rogers, Beatrice L.
614 N. 31st
Boise, ID 83702
Source: Ponds
Tributary: Boise River
Diversion Pt: Lot 5 (SENE)
Sec 13 T 04N R 01W
Use: Fish Propagation (.020 CFS)
Use: Fish Prop. Storage (8.00 AF)
Use: Fish Prop. From Storage (8.00 AF)
Date Filed: 7/10/1989
In: T04N R01W S13 Lot 5 (SENE)

63-10844
Ellis, Claudia
Hathorn, Alberta
Hathorn, Dawn
215 E. 36th
Boise, ID 83714
Source: Groundwater
Diversion Pt: Lot 11 (NWNE)
Sec 5 T 03N R 02E
Use: Commercial (.040 CFS)
Use: Domestic (.040 CFS)
Date Filed: 6/21/1989
In: T03N R02E S05 Lot 11 (NESE)

63-10845
Morton, Merrill P.
Morton, David L.
7305 Ribler Dr.
Meridian, ID 83642
Source: North Slough
Tributary: Boise River
Diversion Pt: Lot 3 (SENE)
Sec 23 T 04N R 01W
Use: Diversion to Storage (.040 CFS)
Use: Stockwater (.020 CFS)
Use: Wildlife (.020 CFS)
Use: Stockwater Storage (2.00 AF)
Wildlife Storage (2.00 AF)
Stockwater from Storage (1.00 AF)
Wildlife from Storage (1.00 AF)
Date Filed: 6/13/1989
In: T04N R01W S23 Lot 3 (SENE) NESE

63-10846
School District of Boise City
405 Collins Rd.
Boise, ID 83702
Source: Groundwater
Diversion Pt: SESE Sec 23 T
03N R 02E
Use: Irrigation (.320 CFS)
Date Filed: 5/10/1989
In: T03N R02E S23 SESE
8.0 ACRES TOTAL

63-10847
School District of Boise City
405 Collins Rd.
Boise, ID 83702
Source: Groundwater
Diversion Pt: NWSE Sec
19 T 04N R 02E
Use: Irrigation (.500 CFS)
Date Filed: 5/10/1989
In: T04N R02E S19 SESE
12.5 ACRES TOTAL

63-10851
Trudeau, Richard J.
2642 Haven Dr.
Eagle, ID 83616
Source: Groundwater
Diversion Pt: NENW Sec 31 T
05N R 02E
Use: Irrigation (.150 CFS)
Use: Domestic (.040 CFS)
Date Filed: 7/10/1989
In: T05N R02E S31 NENW
5.0 ACRES TOTAL

63-10852
Spanbauer, Tim
Spanbauer, Kaye
3685 Summerset
Boise, ID 83709
Source: Eightmile Creek
Tributary: Fivemile Creek
Diversion Pt: SWNE Sec 27 T
03N R 01E
Use: Irrigation (.030 CFS)
Date Filed: 6/29/1989
In: T03N R01E S27 SWNE
1.0 ACRES TOTAL

The permit(s) 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 AUGUST 7, 1989.

R. KEITH HIGGINSON
Director

Pub. July 20, 27, 1989

3156

Residing at Boise, Idaho

MICROFILMED

OCT 20



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

January 7, 1993

SCHOOL DISTRICT OF BOISE CITY
405 COLLINS RD
BOISE ID 83702

RE: WATER RIGHT NO. 63-10847

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

A handwritten signature in cursive script that reads 'Pamela Skaggs'.

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

FEB 01 1993



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

December 2, 1992

INDEPENDENT SCHOOL DISTRICT OF BOISE CIT
405 COLLINS RD
BOISE ID 83702

RE: WATER RIGHT NO. 63-10847

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

A handwritten signature in cursive script that reads 'Pamela Skaggs'.

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

FEB 01 1993

LICENSE REVIEW CHECKLIST

Permit # 163-10847

Date 11-23-92
CS

	Yes	No	
NAME	☐	☒	Address Change?
PRIORITY DATE	☐	☒	Advance?
	☐	☒	Memo to Advance
	☐	☒	Order to Reinstate Needed?
TOTAL CFS	☐	☒	Incorrect Fee for rate recommended?
	☐	☒	Disagree with Actual Measurement?
	☐	☒	<u>8.2 x .04 = .33 cfs (IRR)</u>
	☐	☒	Disagree with Theoretical?
	☐	☒	Limited by Capacity? <u>.49 cfs</u>
TOTAL VOLUME			Rate/ac <u>4.5</u> AFA Irr. Season <u>D</u>
			<u>3-15 to 11-15</u> Standard Irr. Season
			<u>Same Per Permit</u> Season Recommended
	☐	☒	Disagree with Examiner's Calculations?
	☐	☒	<u>8.2 x 4.5 = 36.9 ac-ft (IRR)</u>
	☐	☒	Limited by Flow?
SOURCE	☐	☒	Changes? Clarification of <u>Originally</u>
	☐	☒	<u>Intended</u> source
	☐	☒	Notice of Intent to Void.
P/D			Verify with Map
	☐	☒	Amendment Needed?
	☐	☒	Is Overlap Analysis a Consideration?
P/U			Verify with Map
	☐	☒	Amendment Needed?
	☐	☒	Is Overlap Analysis a Consideration?
USES	☐	☒	Change(s) in Nature of Use?
	☐	☒	Amendment Needed?
REMARKS	☐	☒	Multiple P/Ds in 1/4 1/4?
	☐	☒	Non-Irr. Uses
	☐	☒	Special Overlap Condition
	☒	☐	Other <u>P/U</u>
CONDITIONS	☐	☒	Measuring Device
	☐	☒	W/Master Control
	<u>R27</u>	☐	Overlap
	☐	☒	Water Quality
		☒	DATES/MISC
		☒	Water Dist.
		☒	App Rec'd
		☒	Exam Made
COMMENTS/MEMOS NEEDED:	<u>Reduced Acres, rate</u>		

License ☐ 10-Day ☒ 15-Day ☐ Special Correspondence ☐

WR0749NP
No. L63-10847

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 11/23/92
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	INDEPENDENT SCHOOL DISTRICT OF BOISE CIT 405 COLLINS RD BOISE ID 83702 (208) 338-3420	05/10/1989	IRRIGATION	03-15 11-15	0.33 CFS	36.9 AFA
TOTAL DIVERSION:					0.33 CFS	36.9 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.49 CFS

Point(s) of Diversion: T04N R02E S19 SE SE

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE						
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM	
04N	02E	19	:																	:		
																				08	:	8.2
TOTAL ACRES																					:	8.2

Pou County: ADA

Other Water Rights with Same Point(s) of Diversion and Source:
63-04135 63-07546

Other Water Rights Listing Overlapping Place(s) of use:
63-02406 63-10847

Conditions of Approval:

- R27 - This right when combined with all other rights shall provide no more than 4.5 afa per acre for the lands above.

Remarks: Place of use is also known as Cynthia Mann Elementary School.

Dates: App. Received: 05/10/1989 Priority Date: 05/10/1989
Proof Due Date: 11/01/1991 Proof Made Date: 09/17/1991
Exam Made Date: 06/18/1992 Exam Sent to S.O.: 10/30/1992
Licensed Date:

Misc: Water District Number: Field Exam Fee:

Audit: 11/23/92 SKAGGS

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Staff Analysis Sheet
for
Beneficial Use Field Report

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
☒ Copy of Permit
☒ Copies of any Amendments/Orders with Conditions of Approval
☒ Well Inspection Form (If Needed)
☐ Aerial Photo Required? ☒ yes ☐ no If yes: ☐ copy attached
☒ SRBA Attachment A Submitted to Adjudication Section
SRBA Claim Check Received MWS 6-12-92 (initial & date)
☒ N/A ☐ Applicable, See Attachment A _____
☒ Copy of U.S.G.S. Quad
☒ Check for Government Lots. If so, make a copy of government plat
☒ Check of P/D index MWS 6-12-92 (initial & date)
Overlap ☐ yes ☐ no If yes: ☐ copy of exam(s) attached?
Type of Overlap? ☐ Add acres or uses to existing system
☐ Increase rate of flow or volume
☐ Other: _____
☒ Check of P/U index MWS 6-12-92 (initial & date)
Overlap? ☐ yes ☐ no If yes: ☐ copy of water right(s) attached?
Type of Overlap? ☐ Increase rate of flow or volume
☐ Add P/D's
☐ Increase number of acres within tracts
☐ Other: _____
☒ Scheduling Letter Sent? MS 6-12-92 (initial & date)
☐ Appointment Made and Telephone Conversation Memo Attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully Completed and Signed Field Report Form
☒ Photographs of Point of Diversion and Place of Use
☒ Copy of SRBA Claim Verification Sheet / ☐ Original Returned to Adjudication Section

C. Review and Processing:

Exam Completed [Signature] 6-23-92 (signature of examiner & date)
Exam Reviewed by Senior Water Resource Agent Chf 7/1/92 (initial & date)
Exam Reviewed by Manager of Regional Office DW 10/22/92 (initial & date)
Exam Sent to State Office 10-30-92 st (initial & date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
NOV 2 1992

Department of Water Resources

A. GENERAL INFORMATION

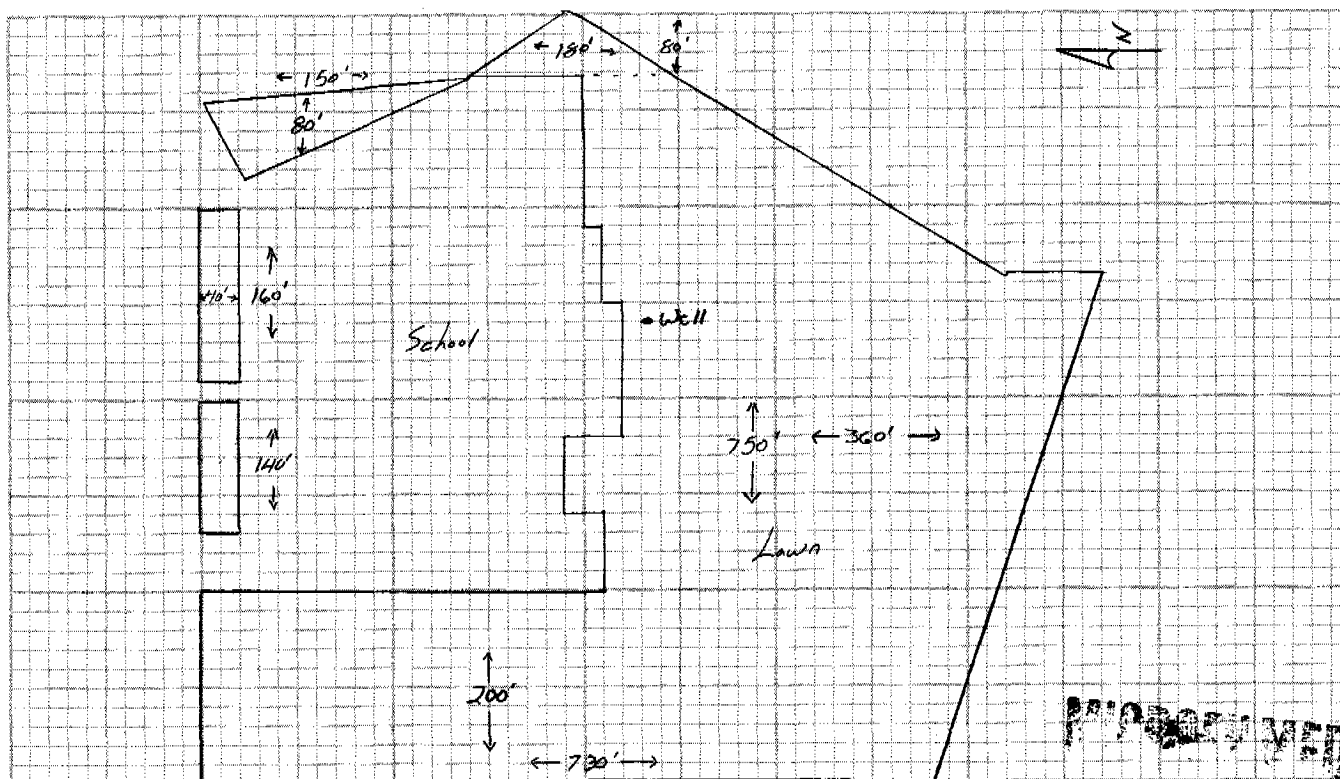
1. Owner: Independent School Dist. of Boise City Permit No. 63-10847
Current Address: 405 Collins Road Boise, ID 83702 Phone No. 338-3420
2. Accompanied by: Gerry Boice EXAM. DATE: 6-17-92
Address: _____ Phone No. _____
Relationship to Permit Holder: Maintenance
3. Source: Groundwater tributary to _____

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



Scale: 1" = 200'

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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 25 h.p. pump is located in a 12" dia, 245' deep well. From well logs in the area for this permit, the dynamic level is 162'. The water is used in underground sprinklers. A measurement was conducted when 16 Hunter I-40 #44 heads were in use on one station. The pressure was between 60 psi - 70 psi. Average was calculated using a phanometer. The total acreage was 12.5 acres as stated in the permit, but the irrigated acreage was only 8.2 acres. Dimensions were provided

☒ 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
		25			

*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
			SE	SE	19	4N	2E	Ada	USGS Photo Quad

6. Place(s) of Use:

Indicate Method of Determination Phanometer & Irrig Diagram

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	
4N	2E	19																8.2	8.2

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
LaSico Placimeter			42-P	B-90848		

2. Measurements:

Hunter I-40 #44 heads, 60-70 psi = 21-22.7 GPM = 21.9 GPM avg
16 heads in the station

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$16 \times 21.9 \times \frac{1}{4.48} = .78 \text{ cfs}$$

$$.04 \frac{\text{cfs}}{\text{acre}} \times 8.2 \text{ acres} = .33 \text{ cfs} \checkmark$$

2. Alternate Method for Checking Purposes:

$$\frac{25 \text{ hp} \times 20\% \times 8.8}{16.2 + (2.9 \times 65)} = .49 \text{ cfs}$$

F. PUMP EFFICIENCY DATA (Optional)

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

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 8.2 \times 4.5 = 36.9 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .33 \text{ cfs} \times 245 \times 1.9835 = 160.4 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 36.9 \text{ af}$$

2. Volume Calculations for Other Uses:

MEASUREMENT

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

by the school district in a sprinkler system map.

As stated in the permit's condition of approval, a high application rate of .04 cfs/acre is necessary to provide peak irrig. requirements during the limited time available for night irrig. due to public usage of the school grounds.

Property known as Cynthia-Moon Elem. School.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	3/15	11/15	.33 cfs	36.9 afa
Totals:			.33 cfs	36.9 afa

2. Recommended Amendments

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

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

- ☒ None
☐ Other

J. AUTHENTICATION

Field Examiner's Name

Mark Senior

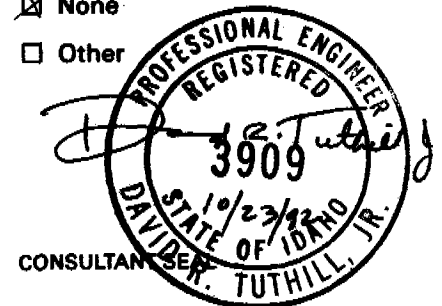
Signature

Mark Senior

Cy4 7/1/92
Certification Date

Field Report Preparation Date

6-19-92



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

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Performance Chart*

Nozzle Number	Color	P.S.I.	Radius	G.P.M.
40	Black	40	45'	6.3
		50	47'	7.0
		60	49'	7.7
41	Red	40	51'	8.6
		50	53'	9.7
		60	53'	10.6
42	Brown	40	51'	10.4
		50	53'	11.6
		60	55'	12.7
43	White	50	59'	14.2
		60	59'	15.6
		70	61'	16.9
44	Blue	60	63'	21.0
		70	65'	22.7
		80	65'	24.3
		90	67'	25.8

* Data represents results of sprinkler testing at the Center for Irrigation Technology, California State University, Fresno. Tests were made in zero wind, and performance should be adjusted for local conditions.

Equivalent Nozzles*

To Replace ↓	Use Hunter Nozzle ↓	To Replace ↓	Use Hunter Nozzle ↓
RAIN BIRD		TORO	
41-51 A SAM 7/32" x 3/16" Nozzle	43	640 Series: 64X-XX-40	40
41-51 AP 7/32" x 3/16" Nozzle	43	64X-XX-41	41
47 A-SAM 1/4" Nozzle	42	64X-XX-42	42
47 AP 1/4" Nozzle	42	64X-XX-43	43
35-TNT Series 3/16" Nozzle	40	64X-XX-44	44
65 PJ 1/4" Nozzle	42		
4045 1 1/64" Nozzle	40	610 Series:	
5055 7/32" Nozzle	41	61X-02-12	41
		61X-02-15	42
		630 Series:	
		634-XX-31	41
		634-XX-32	42

*Equivalent nozzles listed will provide compatible flow and radius performance.

Bidding

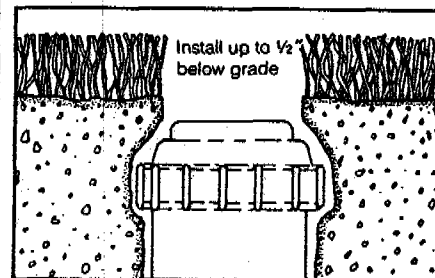
Specifications

Hunter Model
I-40

The sprinkler shall be of the gear driven rotary type, capable of covering a _____ foot radius at _____ psi with a discharge rate of _____ gpm. The sprinkler shall be available with five (5) nozzles discharging 6.3gpm to 25.8gpm.

The sprinkler shall be available in full or in part circle configuration. The part circle unit shall be a fixed arc type available from 30° to 270° in 15° increments.

The sprinkler shall have a slip-clutch nozzle turret. The sprinkler shall be equipped with a drain check valve to prevent low head drainage. The sprinkler shall operate when installed 1/2" below grade.



The sprinkler shall pop up 3 1/3" to bring the rotary nozzle turret into a clean environment. The unit shall have a rubber cover.

The sprinkler shall have an exposed surface diameter of 1 5/8". The sprinkler shall have an overall height of 7 3/8". The unit shall have a 1" IPS inlet. The unit shall be equipped with a stainless steel set screw for locking the threaded cap to the body.

The sprinkler shall be serviceable after installation in the field by unscrewing the body cap and removing the riser assembly, check valve and inlet screen.

The body of the sprinkler shall be constructed of non-corrosive heavy duty A.B.S. The sprinkler shall be equipped with an inlet filter screen. The sprinkler shall carry a five year unconditional warranty.

The sprinkler shall be manufactured by Hunter Industries, San Marcos, California.

PERMIT 63-10847 INIT
T. R. S. Q/Q
PID 4N 2E 17 SE/SE
SCALE
PHOTO ID. X-8 Eagle

Landing Strip

FEB 01 1968

4836

4835
40'

4834

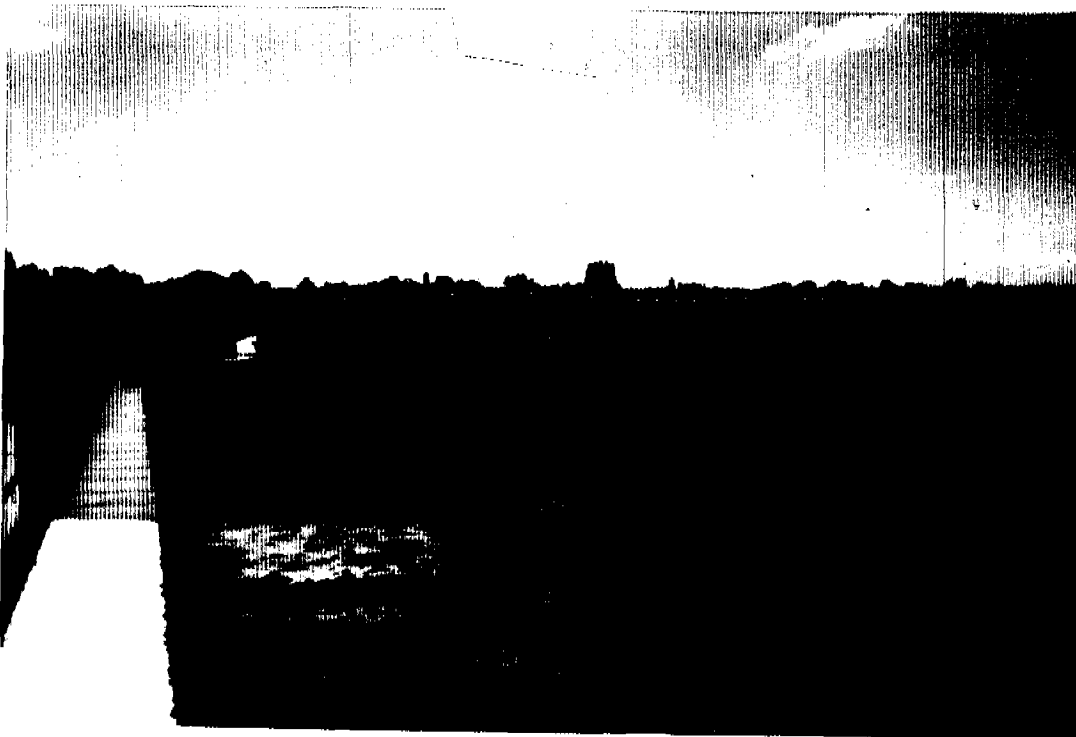
4833

4832
T. 4 N.

63-10847



Place of
use, Facing
West.



Place of
use, Facing
South.

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63-10847



Lawn on
west side,
Facing south



West side
of the school.

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FEB 01 1993

December 5, 1991

SCHOOL DISTRICT OF BOISE CITY
405 COLLINS RD.
BOISE ID 83702

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-10847

Dear Permit Holder:

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

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

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

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DEC 11 1991

Form 217
07/90
RECEIVED
SEP 17 1991

STATE OF IDAHO

For Office Use Only
Amt. of Fee \$ 100.00
Date 9/17/91
Receipt No. C021783
Received by JY

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as 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 or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. P63-10847 Telephone No. (208) 338-3420

2. Name(s) of Permit Holder(s): Independent School District of Boise City (Cynthia Mann Elem.)

3. Post Office Address: 405 Collins Rd. Boise, ID 83702

4. Source of Water: Ground Water

a. If ground water, well driller's name: Bill Doty Drilling Co. Date drilled: Sept., 1989

b. Pump horsepower: 25 Pressure (psi): 70# Dynamic pumping level (ft.): 80 ft.

5. Extent of Use:

Domestic _____ (No. of households) Irrigation 12.5 (No. of acres)

Stockwater _____ (No. and type of stock) Other _____

6. Total rate and/or volume for which proof is submitted .50 cfs _____ acre/feet

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

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

OR

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

8. Fee Enclosed: \$ 100.00 (See License Examination Fee Schedule)

9. Person to contact to accompany the Department representative during the field examination:

Nolan Lowe

Name

338-3420

Telephone No.

405 Collins Rd.

Boise, ID 83702

Address

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

Date

9/9/91

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

[Signature]

MAINT. & OPER. Supv.

DEC 11 1991
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ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 63-10847

Date 10-3-91

GENERAL CONSIDERATIONS

- ☒ Name same as permit?
☒ Address same as permit? If no, indicate below.
☒ Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

- ☐ Surface water source
☒ Ground water source

NO Drill permit req'd?
YES Copy in file? Drill permit no. 63-89-W-129
100 Amt paid for drilling permit? YES correct?
YES Well log in file?

LICENSE EXAMINATION FEE

- ☒ Required?
100.00 Amount submitted?
☒ Correct amount?

MEASURING DEVICE

- NO Measuring device or access port required?
☒ Installed?
☒ Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

meets D.K. : w.c.

driller #42

proof acceptable

KXG

12/6/91

PRIORITY CALCULATION

Date proof received

Date proof due

No. of days late

Priority date

NEW PRIORITY DATE

<u>NA</u>	
	-
	=
	+
	=

Post-It™ brand fax transmittal memo 7671

Pages >

To <u>Raven G.</u>	From <u>Sue T.</u>
Co. <u>EDWR</u>	Co. <u>Western</u>
Dept.	Phone #
Fax #	Fax #

Drilling Permit No. 63-89-w-129
 Water Permit No. 63-10847
 Injection Permit No. _____

State of Idaho
 Department of Water Resources

D R I L L I N G P E R M I T

(Authorizing Construction of a Well)*

1. Applicant The Independent School District of Boise City
 2. Address 405 Collins Road, Boise, Idaho 83702
 Telephone 338-3420

☒ Well Owner ☐ Well Operator ☒ Other, specify Consultant

3. Proposed well location SE 1/4 SE 1/4, or Gov't lot No. _____,
 Sec. 19, Twp. 4N, Rge. 2E, County Ada,
 Lot, block and subdivision _____

4. Proposed use of well: (Check all that apply)
☐ Domestic ☐ Stockwater ☐ Monitoring
☒ Irrigation ☐ Industrial ☐ Municipal
☐ Injection ☐ Other, Specify _____

5. Well construction information:
☒ New well ☐ Deepen ☐ Replace
 Proposed surface diameter 8 Maximum depth 250
 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 August 1, 1989
 7. Well Driller (if known) Bill Doty Drilling
 Address _____
 8. Applicant's signature [Signature]
 Title Consultant
 Date 7/31/89

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 DEC 11 1991

* After other pre-requisite approvals have been obtained.

* Fee is \$10 for single family domestic. Other uses may be \$100, \$50 or \$10.

ACTION OF IDWR

(X) Approved () Denied

The approval of this permit authorizes the construction of a well as described on this application subject to the conditions on this permit.

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.

SPECIFIC CONDITIONS:

8. The point of diversion identified in this permit is located within the boundaries of the Boise Front Low Temperature Geothermal Resource Ground Water Management Area. If water with a temperature greater than 85 degrees F. is encountered by the driller, the Department must be immediately notified and drilling must immediately cease pending a review of drilling conditions by the Department.

Dated this 31st day of July, 19 89.

Signed

David E. Tuttle

Title

Manager, Western District Office

Received by

SL

Fee

\$100

Date

7/31/89

DEC 11 1991

Receipt No.

W203919

Construction start extension to

Extension approved by

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>Boise Independent School District</u> Address <u>Fort St. Boise, Id.</u> <u>#1 Well S.E. site</u> Owner's Permit No. <u>P63-10846</u> <u>Well Permit = 63-89-W-129</u>	7. WATER LEVEL Static water level <u>35</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>OF.</u> Quality _____ <i>Describe artesian or temperature zones below</i>																																																																																								
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 style="text-align: center;">177</td> <td style="text-align: center;">162</td> <td style="text-align: center;">6.5</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	177	162	6.5																																																																																		
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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>20</td><td>0</td><td>16</td><td>Soil/Clay</td><td> </td><td>x</td></tr> <tr><td>18</td><td>16</td><td>32</td><td>Sand/Gravel</td><td>x</td><td> </td></tr> <tr><td>12</td><td>32</td><td>93</td><td>Sand/Gravel</td><td>x</td><td> </td></tr> <tr><td>12</td><td>93</td><td>120</td><td>Clay/Brown</td><td> </td><td>x</td></tr> <tr><td>12</td><td>120</td><td>132</td><td>Sandstone</td><td>x</td><td> </td></tr> <tr><td>12</td><td>132</td><td>152</td><td>Clay</td><td> </td><td>x</td></tr> <tr><td>12</td><td>152</td><td>163</td><td>X Sandstone/Gravel</td><td>x</td><td> </td></tr> <tr><td>12</td><td>163</td><td>173</td><td>Sandstone/Sand</td><td>x</td><td> </td></tr> <tr><td>12</td><td>173</td><td>180</td><td>Gravel</td><td>x</td><td> </td></tr> <tr><td>10</td><td>180</td><td>190</td><td>Blue Clay</td><td> </td><td>x</td></tr> <tr><td>10</td><td>190</td><td>201</td><td>Sandstone</td><td>x</td><td> </td></tr> <tr><td>10</td><td>201</td><td>210</td><td>Gravel</td><td>x</td><td> </td></tr> <tr><td>10</td><td>210</td><td>245</td><td>Sandstone</td><td>x</td><td> </td></tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	20	0	16	Soil/Clay		x	18	16	32	Sand/Gravel	x		12	32	93	Sand/Gravel	x		12	93	120	Clay/Brown		x	12	120	132	Sandstone	x		12	132	152	Clay		x	12	152	163	X Sandstone/Gravel	x		12	163	173	Sandstone/Sand	x		12	173	180	Gravel	x		10	180	190	Blue Clay		x	10	190	201	Sandstone	x		10	201	210	Gravel	x		10	210	245	Sandstone	x	
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10	210	245	Sandstone	x																																																																																					
4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	10. Work started <u>9/5/89</u> finished <u>10/3/89</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>250 inches</td> <td>12 inches</td> <td>5 feet</td> <td>140 feet</td> </tr> <tr> <td>250 inches</td> <td>10 inches</td> <td>1 feet</td> <td>242 feet</td> </tr> <tr> <td>250 inches</td> <td>6 inches</td> <td>168 feet</td> <td>180 feet</td> </tr> <tr> <td>250 inches</td> <td>6 inches</td> <td>180 feet</td> <td>240 feet</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 <u>1</u> 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>8 perforations</td> <td>238 feet</td> <td>210 feet</td> </tr> <tr> <td>8 perforations</td> <td>200 feet</td> <td>170 feet</td> </tr> </tbody> </table> Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Johnson</u> Type <u>304 SS</u> Model No. _____ p.s. _____ Diameter <u>6</u> Slot size <u>20</u> Set from <u>180</u> feet to <u>190</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☒ Yes ☐ No ☐ Size of gravel <u>8-12</u> Placed from <u>162</u> feet to <u>240</u> feet Surface seal depth <u>32</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☒ Pudding clay ☐ _____ Sealing procedure used: ☒ Slurry pit ☒ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent ☐ Cemented between strata Describe access port <u>2" pipe on 45° with threaded cap</u>	Thickness	Diameter	From	To	250 inches	12 inches	5 feet	140 feet	250 inches	10 inches	1 feet	242 feet	250 inches	6 inches	168 feet	180 feet	250 inches	6 inches	180 feet	240 feet	Number	From	To	8 perforations	238 feet	210 feet	8 perforations	200 feet	170 feet	11. DRILLERS CERTIFICATION DL I/We certify that all minimum well construction standards were complied with at the time the rig was removed. BILL DOTY DRILLING CO., INC. Firm Name _____ Firm No. <u>42</u> <u>106 CALLOWAY</u> Address <u>CALDWELL, ID. 83605</u> Date _____ Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																																																											
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6. LOCATION OF WELL Sketch map location must 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> <td style="width:25%; text-align: center;">S</td> <td style="width:25%; text-align: center;">N</td> </tr> </table> Subdivision Name _____ Lot No. _____ Block No. _____ County <u>ADA</u> SE 1/4 SE 1/4 Sec. <u>19</u> T. <u>4</u> N. <u>2</u> W. <u>4</u>	W	E	S	N	USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																																				
W	E	S	N																																																																																						

RECEIVED

DEC 11 1989

Department of Water Resources

RECORDED

Department of Water Resources

Regional Office

DEC 11 1991



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

November 13, 1991

Independent School District of Boise
405 Collins Road
Boise, ID 83702

Re: Permit No. 63-10847

Dear Permit Holder:

In the department's review of the proof of beneficial use submitted in connection with the above referenced permit, the department was not able to locate a drilling permit which should have been applied for before construction of your well began. We have also been unable to locate a well log which should have been submitted by your well driller 30 days after completion of the construction of your well.

If you have a drilling permit or a copy of the well log, please provide this office with a copy of each. If you do not have a copy of the well log, please contact your driller and ask that he submit a copy. In your return letter, please be sure to show the above referenced permit number on any documents. Also, please address any correspondence directly to me. Your response, with both forms attached, should be received within 20 days of the date of this mailing.

This information is needed before the department can proceed further with the examination of your system and the eventual issuance of a license of water right.

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

Cynthia Mann Elementary
4N 2E Sec 19 SESE

RECORDED
INDEXED

DEC 11 1991

138012

August 31, 1991

SCHOOL DISTRICT OF BOISE CITY
405 COLLINS RD.
BOISE, ID 83702

PROOF DUE NOTICE

RE: PERMIT NO. 63-10847

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 November 1, 1991. (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,

Rita Fleck
Secretary/Records Manager

Enclosures

RECEIVED
DEC 11 1991



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

January 11, 1990

School District of Boise City
405 Collins Rd.
Boise, ID 83702

RE: Permits Nos. 63-10846 and 63-10847

Dear Permit Holder:

Enclosed is an order removing the temperature monitoring and reporting requirement for permits nos. 63-10846 and 63-10847, in the name of School District of Boise City.

If you have any questions concerning this matter, please feel free to contact this office.

Respectfully,

GARY SPACKMAN, Manager
Water Right Permits Section

GS:js

Enclosure

cc. Western Region

MICROFILMED

FEB 26 1990

Sherl L. Chapman

CONSULTANT

410 S. ORCHARD / SUITE 144 / BOISE, IDAHO 83705 / PHONE 344-6690

November 10, 1989

RECEIVED

NOV 13 1989

Mr. Gary Spackman
Department of Water Resources
1301 N. Orchard
Boise, Idaho 83706

D-2

Dear Gary:

Pursuant to our telephone conversation of November 8, 1989, I am providing you with the following information. Permits for appropriation of water, 63-10846 and 63-10847, were received by us some weeks after completion of the drilling program. Since we were unaware of condition seven on each of the permits, we did not collect the data requested at 20 foot intervals from the well to determine specific water temperatures. However, because I am aware of the concern relating to the warm water geothermal system near the City of Boise, I did informally monitor the temperature of the water and at no time did the water temperature exceed approximately 60°F. Both wells were completed at or above 250 feet below land surface with cable tool well drilling rigs and therefore the water samples checked were bailer samples. However, during the six and a half hour pump test conducted on each well, temperatures were again checked to make sure that warm water recharge was not being induced and again the temperature stayed at or below 60°F. Condition seven further requests a gradient log of each one of the wells after completion but I find I do not have the type of equipment to collect such data. If a temperature gradient log is absolutely necessary, we would make every attempt to find the equipment and run the log or allow the State of Idaho, Department of Water Resources, to run a gradient log before we install the pumps. However, I feel that there is no need to run the logs since the water temperature is quite low and does not approach the 85°F which has been determined by the Department to be the threshold of the warm water geothermal system. I would therefore request in behalf of the Independent School District of Boise City that condition seven on each of the permits be waived since there is no indication of warm water in either well.

If you need additional information or would like to discuss the matter further, please don't hesitate to give me a call.

Sincerely yours,

Sherl L. Chapman

Sherl L. Chapman
Consultant

MICROFILMED

SLC:kje

cc:Mr. Roger Carlson
Mr. Wendell Bigham

FEB 26 1990

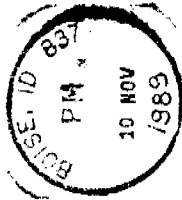
SPECIALIST IN

GROUND-WATER HYDROLOGY / WATER RIGHTS / WATER WELL DESIGN / GEOTHERMAL RESOURCES

Gherl L. Chapman

CONSULTANT

410 S. ORCHARD / SUITE 144 / BOISE, IDAHO 83705



Mr. Gary Spackman
Department of Water Resources
1301 N. Orchard
Boise, ID 83706

ALWAYS

USE ZIP CODE



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Northwest Site

OCT 19 REC'D

P63-10847

Permit No. _____

Name(s) of Permit Holder(s): School District of Boise City

Post Office Address: 405 Collins Rd.

Boise, ID 83702 Tel. No. 338-3420

☒ I hereby certify that construction of diversion works for the above referenced permit began on 8-6-89 (date) and 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 diversion 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.

10-18-89
Date

[Signature]
Signature of Permit Holder

Boise School

405 Collins RD.

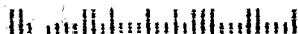
Boise, ID 83702



MICROFILMED

FEB 26 1990

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720



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
October 11, 1989

SCHOOL DISTRICT OF BOISE CITY
405 COLLINS RD.
BOISE, ID 83702

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

RE: PERMIT NO. P63-10847

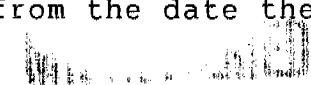
Dear Permit Holder:

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.

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.


OCT 20 1989

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

Form No. 202a.
3/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: LW DATE: 6-9-89 APPLICATION: 63-10847

REQUIRED INFORMATION

- ☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
- ☒ Address:
- ☒ Source: (See USGS Quad for names of water sources)
- ☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
- ☒ County:
- ☒ Quantity: (flow and/or volume) * Night Irrig. Gov't. Lots: No P/D
- ☒ Period of use: No P/U
- ☒ Nature of proposed use: (Include description of use)
- ☒ Description of diverting works:
- ☒ Time required for beneficial use of water:
- ☒ Place of use or acres irrigated:
- ☒ Map:
- ☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
- ☒ Fee:
- ☒ Yes ☐ No* In form to receipt:

ADDITIONAL INFORMATION

YES NO

- ☐ ☒ Overlapping place of use: (Describe source & relationship to present application on the back.)
- ☒ ☐ Overlapping point of diversion:
- ☐ ☒ Field check required: Field check by: _____
- ☐ ☒ Field report attached:
- ☐ ☒ Critical groundwater area:
- ☒ ☐ Groundwater management area: Boise Front
- ☐ ☒ Send dam safety information:
- ☐ ☒ Send power requirement letter:
- ☐ ☒ Send fish farm requirement letter:
- ☐ ☒ Power residency affidavit:
- ☐ ☒ Power efficiency form:
- ☐ ☒ Within trust water boundary: (If yes, attach Trust Water Supplementary Analysis Sheet.)
- ☐ ☒ Diversion greater than 5 cfs or 500 af: (If yes, attach Large Diversion supplementary analysis sheet.)
- ☐ ☒ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

DATE REQUESTED:

☒ Additional information on reverse side:

SEP 14 1989

Department of Water Resources

INDEPENDENT SCHOOL DISTRICT OF BOISE CITY

1207 Fort Street • Boise, Idaho 83702 • (208) 338-3400

DATE 05/08/89

**PURCHASE
ORDER NO.**

INVOICE IN TRIPLICATE

SCHOOL DIST. 1207 F
BOISE, IDAHO 837

INQUIRIES TO PURCHASING
DEPARTMENT: (208) 338-3400

INVOICE BOISE SCHOOL DISTRICT
ATTENTION: ACCOUNTING DEPARTMENT
THIS P.O. NUMBER MUST APPEAR ON
ALL CORRESPONDENCE, INVOICES,
BILL OF LADINGS & CASES

66949
SHIP TO:

VENDOR: 57585

STATE OF IDAHO DEPT OF WATER
RESOURCES
STATEHOUSE
BOISE ID 83720

CHECK TO BE HAND DELIVERED TO
VENDOR

WATER RIGHT NO. 63-10847

Receipt # W002756
5-10-89

TERMS

COMMENTS

CONFIRMING ONLY

F.O.B. BOISE SCHOOL SITE

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
010	APPLICATION FEE/WATER RIGHTS PERMIT CASTLE DR. SCHOOL SITE	1		45.00	45.00
030	APPLICATION FEE/WATER RIGHTS PERMIT LINDEN RD. SCHOOL SITE >>CHECK TO ACCOMPANY<< KIRK HIGGINSON TO HAND DELIVER CHECK	1		45.00	45.00

This Purchase Order must be Shipped and Invoiced 60 days after date of issue,
unless extended by School District Purchasing Agent.
May be cancelled by School District anytime, if materials ordered hereon are not promptly received.

TOTAL 90.00

ALLOW MAXIMUM SCHOOL DISCOUNT (Plus Any Payment Discount Applicable)

ACCOUNT NO.	ACCOUNT DESCRIPTION	TOTAL
412.810521.132.751	SITE IMPROVEMENTS	45.00
412.810521.133.751	SITE IMPROVEMENTS	45.00

REQ. NO. _____ FOR
EXEMPT FROM IDAHO STATE SALES TAX
NO EXEMPTION CERTIFICATE NEEDED

MAINT/ROGER CARLSON

CASTLE DR. & LINDEN RD. SCHOOL

VENDOR'S COPY

MJ

Marge Jones
PURCHASING AGENT

63-10847

SCHOOL DISTRICT OF BOISE CITY
405 COLLINS RD.
BOISE, ID 83702

Source: GROUNDWATER

Diversion Pt: NWSESE Sec 19 T 04N R 02E

Use: IRRIGATION (.500 CFS)

Date Filed: 5/10/1989

In: T04N R02E S19 SESE

12.5 ACRES TOTAL

RECORDED

OCT 20 1989