

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-23111
Exam Date: 8/16/2018

1. Current Owner:
CASCADE SCHOOL DISTRICT #422 209 N SCHOOL ST CASCADE ID 83611 (208) 382-4227
2. Accompanied by: BOB PAIR
Phone No: (208) 382-4227
Address: 209 N SCHOOL ST CASCADE ID 83611
Relationship to Permit Holder: SCHOOL DISTRICT EMPLOYEE

3. **SOURCE:**
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point-of-diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW¼SW¼ Sec. 25, Twp 14N, Rge 03E, B.M. VALLEY County

Method of Determination: Field exam, GPS, and aerial imagery.

2.

PLACE OF USE: COOLING and HEATING

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	03E	25											X						

Method of Determination: Field exam, GPS, and aerial imagery.

3.

- ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components.
☒ Indicate weir size/pipe as applicable.

- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).

- ☒ Photo of Diversion and System Attached

4.

Well Tag ID	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No.
D0047284	Berkely	50	Unknown	Berkely	7T50-350

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Ultra Mag	Flow Meter	McCrometer	Unknown	07-02411-04	6"	Pre-Calib.

2. Measurements: No measurements were taken during the field exam. The ultra mag meter was in working condition.

E. FLOW CALCULATIONS

Measured Method:

 X Additional Computation Sheets Attached

The highest flow rate Mr. Pair has seen on the meter is 200 gpm or 0.45 cfs. The meter fluctuated from 200 gpm to 80 gpm during the exam. The system is a variable speed drive. The well pump is rated for 350 gpm as shown on the attached pump curve. The system was running at 18 psi. The pump is set at 399 feet in the well casing. As such, the total dynamic head was calculated to be 940' (18 psi + 2.31 X 399'). This produces 200 gpm according to the pump curve. Therefore, a rate of **0.45 cfs** will be recommended for licensing.

F. VOLUME CALCULATIONS

1. Volume Calculations for Cooling:

$$V_{IR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Cooling season}) \times 1.9835 = 0.45 \text{ cfs} \times 91 \text{ Days} \times 1.9835 = 81 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Cooling season}) \times 1.9835 = 0.45 \text{ cfs} \times 365 \text{ Days} \times 1.9835 = 326 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{81 \text{ AF}}$$

2. Volume Calculations for Heating:

$$V_{IR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Heating season}) \times 1.9835 = 0.45 \text{ cfs} \times 274 \text{ Days} \times 1.9835 = 245 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Heating season}) \times 1.9835 = 0.45 \text{ cfs} \times 365 \text{ Days} \times 1.9835 = 326 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{245 \text{ AF}}$$

G. NARRATIVE/REMARKS/COMMENTS

System Description:

A 12" well was constructed on 9/21/2007 that delivers water to the Cascade School District #422 buildings. Water is diverted from the well to the mechanical room within the school via a 6" line. Water runs through an exchanger and various heat pumps throughout the school building. Return water is delivered back to a storm water infiltration basin as shown on the system diagram map included in the file.

Volume Calculations:

System V_{IR} calculations were done according to Mr. Pair's understanding of the system and heating/cooling use throughout the year. Mr. Pair suggests a 25/75 day split for cooling and heating. Therefore, as shown in Section F of this report, cooling totaled 91 days relative to the heating use of 274 days (365 X 0.25 and 365 X 0.75).

Conditions:

Condition 046 and 26A were removed and not forwarded to licensing. Condition R07 was removed and not forwarded to licensing. A memo in the backfile dated July 8, 2014 stated the planned injection well use is causing localized flooding and suggested discharging the return water into a storm water infiltration basin. Per conversation with UIC staff, because return water is open discharge, it does not fall under the Underground Injection Control (UIC) program regulations. The two existing wells for this (D0052127 and D0059005) are identified as injection wells in the UIC program, but are not currently used as injection wells for this right. Decommission and/or abandonment of these wells will be addressed at their expiration in 2021. Condition 01M and 027 were forwarded to licensing. Condition 027 considered complied with per Ashley Newberry letter dated July 21, 2017 in the backfile.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
COOLING	01/01 to 12/31	0.45 CFS	81.0 AF
HEATING	01/01 to 12/31	0.45 CFS	245 AF
	<u>Totals:</u>	0.45 CFS	326 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION

Field Examiner's Name DL Date 8/29/2018

Reviewer [Signature] Date 10/22/18

State of Idaho
Department of Water Resources
Cascade School District #422
Point of Diversion and Place of Use



0 0.045 0.09 0.18 Miles

Legend

- Well
- Place of Use



State of Idaho
Department of Water Resources
Cascade School District #422
System Diagram



Legend

-  Well
-  Place of Use
-  6" Main Line
-  Mechanical Room
-  Discharge into Storm Water Infiltration Basin

0 0.05 0.1 0.2 Miles



1400325

Process	BrainSequence	Draft	Owner	Source	Use	Overlap Analysis for WR No. 65-23111 POD																TotalAcres
Water Right	65-12826	N	CHURCH OF JESUS CHRIST OF THE LATTER DAY SAINTS	GROUND WATER																		
Water Right	65-13248	N	CORP OF THE PRESIDING BISHOP	GROUND WATER																		
Water Right	65-23111	Y	BLACK MOUNTAIN TECHNOLOGY, CASCADE SCHOOL DISTRICT #422	GROUND WATER																		
Water Right	65-3784	N	NISSULA, PHYLIS; NISSULA, RAY	PAYETTE RIVER																		
Water Right	65-594	N	BOISE PACKAGING & NEWSPRINT LLC, OFFICE MAX INC	PAYETTE RIVER																		
Water Right	65-6963	N	MC MASTER, CLAIR	GROUND WATER																		
Water Right	65-843	N	OREGON SHORT LINE RAILROAD CO, UNION PACIFIC RAILROAD CO	GROUND WATER																		
Water Right	65-8895	N	CRUTCHER, JEWELL M	GROUND WATER																		
Water Right	65-9798	N	CROMWELL, ARTHUR W	GROUND WATER																		

No overlap

Overlap Analysis for WR No. 65-23111 POD

Process	BrainSequence	Draft	Owner	Source	Use	Overlap Analysis for WR No. 65-23111 POD																TotalAcres
Water Right	65-10353	N	CITY OF CASCADE	SKIN CREEK	MUNICIPAL																	
Water Right	65-10354	N	CITY OF CASCADE	HAZARD CREEK	MUNICIPAL																	
Water Right	65-1202	N	DAVIS CATTLE CO INC, DAVIS, THOMAS J, RABO AGRIFINANCE LLC	BEAVER CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-12726	N	CITY OF CASCADE	GROUND WATER	MUNICIPAL																	
Water Right	65-12826	N	CHURCH OF JESUS CHRIST OF THE LATTER DAY SAINTS	GROUND WATER	IRRIGATION																	
Water Right	65-13019	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	BEAVER CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-13248	N	CORP OF THE PRESIDING BISHOP	GROUND WATER	HEATING																	
Water Right	65-13311	N	CITY OF CASCADE	GROUND WATER	MUNICIPAL																	
Water Right	65-13485	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	PAYETTE RIVER	GROUND WATER																	
Water Right	65-13619	N	BARKER ROSHOLT & SIMPSON LLP, IDAHO POWER CO	PAYETTE RIVER	POWER																	
Water Right	65-2232	N	BARKER ROSHOLT & SIMPSON LLP, IDAHO POWER CO	GROUND WATER	COOLING																	
Water Right	65-23111	Y	BLACK MOUNTAIN TECHNOLOGY, CASCADE SCHOOL DISTRICT #422	GROUND WATER	HEATING																	
Water Right	65-23111	Y	BARKER ROSHOLT & SIMPSON LLP, IDAHO POWER CO	PAYETTE RIVER	POWER																	
Water Right	65-2384	N	BARKER ROSHOLT & SIMPSON LLP, IDAHO POWER CO	PAYETTE RIVER	POWER																	
Water Right	65-2386	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	BEAVER CREEK	IRRIGATION																	
Water Right	65-2832	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	UNNAMED STREAM	IRRIGATION																	
Water Right	65-2820	N	DAVIS CATTLE CO INC, DAVIS, JENNIMA K, DAVIS, THOMAS J, RABO AGRIFINANCE LLC	BEAVER CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-2931	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	CAMPBELL CREEK	MUNICIPAL																	
Water Right	65-3138	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	PAYETTE RIVER	IRRIGATION																	
Water Right	65-3579	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	BEAVER CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-3590	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	BEAVER CREEK	IRRIGATION																	
Water Right	65-3593	N	NISSULA, PHYLIS; NISSULA, RAY	PAYETTE RIVER	IRRIGATION																	
Water Right	65-3784	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	PAYETTE RIVER	IRRIGATION																	
Water Right	65-4031A	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	PAYETTE RIVER	IRRIGATION																	
Water Right	65-4031B	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	PAYETTE RIVER	IRRIGATION																	
Water Right	65-4031X	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	PAYETTE RIVER	INDUSTRIAL																	
Water Right	65-594	N	BOISE PACKAGING & NEWSPRINT LLC, OFFICE MAX INC	GROUND WATER	DOMESTIC																	
Water Right	65-6963	N	MC MASTER, CLAIR	FLAT CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-7312	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	FLAT CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-7649	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	BEAVER CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-7649	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	FLAT CREEK	IRRIGATION FROM STORAGE																	
Water Right	65-7777	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	FLAT CREEK	IRRIGATION																	
Water Right	65-7777	N	DAVIS CATTLE CO INC, RABO AGRIFINANCE LLC	UNNAMED STREAMS	IRRIGATION																	
Water Right	65-843	N	OREGON SHORT LINE RAILROAD CO, UNION PACIFIC RAILROAD CO	GROUND WATER	DOMESTIC																	
Water Right	65-8895	N	CRUTCHER, JEWELL M	GROUND WATER	DOMESTIC																	
Water Right	65-9798	N	CROMWELL, ARTHUR W	GROUND WATER	DOMESTIC																	

No overlap, POU is related to parcel outside of POU boundary.

Overlap, different use and POD, no limitations necessary

No overlap, inactive WR, decreed in 1/21/1986, not included in SRBA

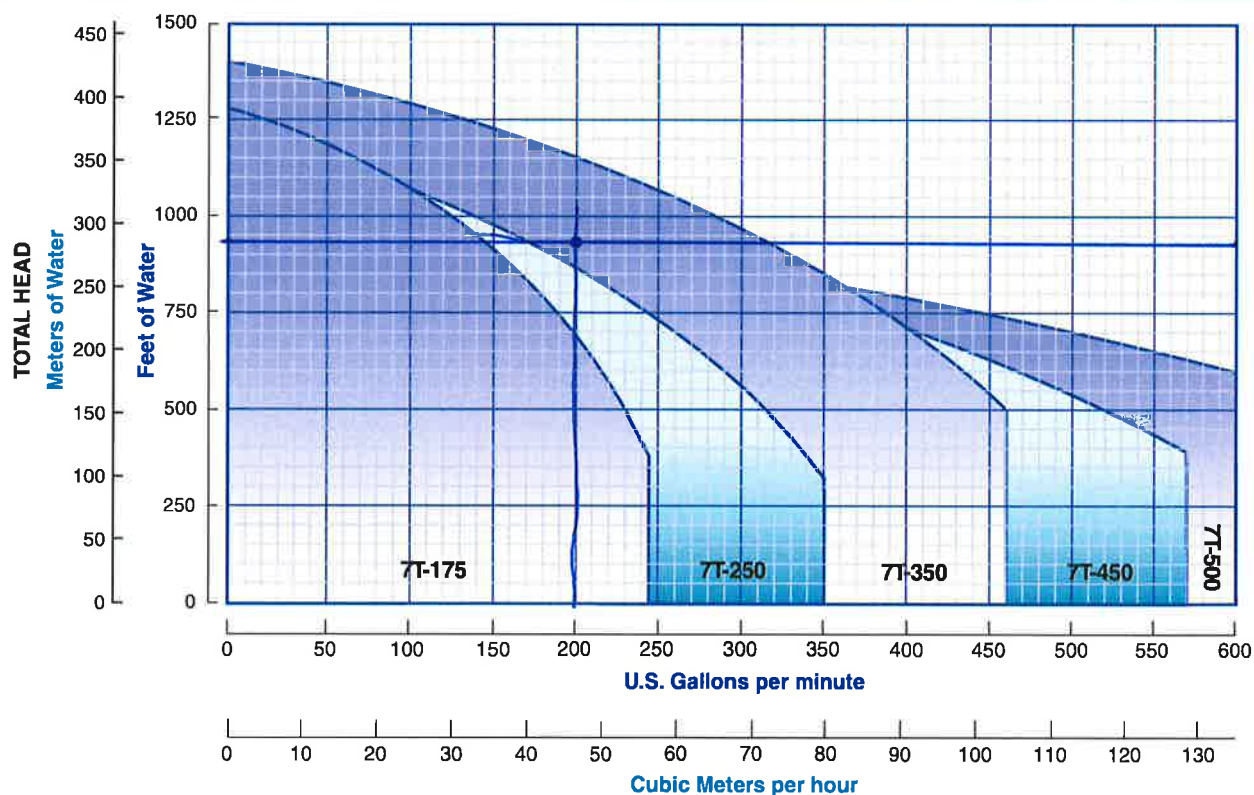


SUBMERSIBLE TURBINE PUMPS

7T SERIES

MATERIALS OF CONSTRUCTION

Part Name	Material	Spec Number
Discharge Adapter	Cast Iron	ASTM A48 Class 30
Top Bowl	Cast Iron	ASTM A48 Class 30
Intermediate Bowl	Cast Iron	ASTM A48 Class 30
Bearings, Top and Suction Case	Rubber	Neoprene
Impeller	304 Stainless Steel	ASTM A743 CS-8
Pump Shaft	Stainless Steel	AISI 416 UNS S41600
Impeller Collets	Steel	AISI 1215
Suction Motor Bracket	Cast Iron	ASTM A48 Class 30
Bowl Bearing	Rubber	Neoprene
Strainer	Stainless Steel	AISI 302 UNS S30200
Cable Guard	Stainless Steel	AISI 302 UNS S30200
Shaft Coupling	Stainless Steel	AISI 416 UNS S41600



**Pentair
Water**

Pentair Water
293 Wright Street
Delavan, WI 53115
Phone: 262-728-5551
Fax: (800) 426-9446
www.pentairwater.com

PENTAIR SOLUTIONS

- BERKELEY 6" – 10" highly efficient pump designs, to 2200 GPM, to 1400 ft.
- PENTEK 6" and 8" motors and controls offering leading edge technology.
- PENTEK pump controllers for maximizing pump functionality.
- BEC2 powerful application software @ www.bec2.net unparalleled in the industry.
- Highly-trained customer service staff providing quick solutions at 1-888-BERKELEY.
- 2-year extended warranty program when BERKELEY pump is installed with a PENTEK motor.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

SEP 26 2007

12 WATER RESOURCES
WESTERN REGION

Office Use Only
Well ID No. 41150
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 1/4 1/4
Lat: _____ Long: _____
☒ Air ☐ Flowing Artesian

1. WELL TAG NO. D 0047284
DRILLING PERMIT NO. 900248-847117
Water Right or Injection Well No. 65-2311

2. OWNER:

Name CASCADE School District No. 422
Address P.O. Box 291
City CASCADE State Id. Zip 83611

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 14 North ☒ or South ☐
Rge. 3 East ☒ or West ☐
Sec. 25 NE 1/4 SW 1/4 SW 1/4
Gov't Lot _____
County VALLEY

Lat: 44° 30' 993 Long: 116° 02' 720
Address of Well Site 209 SCHOOL STREET
City CASCADE

(Give at least name of road + Distance to Road or landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☒ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply

(Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☐ Cable ☒ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
CEMENT GROUT	0	99	27 bags	pumped
CEMENT GROUT	8	178	33 bags	pumped
CEMENT GROUT	12	600	67 bags	pumped

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____

Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
12"	0	97	.250	STEEL	☒	☐	☒	☐
10"	+1	178	.250	STEEL	☒	☐	☒	☐
8"	+2	600	.250	STEEL	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method FACTORY SAW

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
See ATTACHED SHEET FOR LINER LAYOUT						☐	☒
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

37 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

Weld FLANGE w/ BLIND FLANGE

Yield gal./min.	Drawdown	Pumping Level	Time
260		580'	2 hrs.
210		1100	20 hrs.

Water Temp. 69° Bottom hole temp. 81°

Water Quality test or comments: good

Depth first Water Encounter _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
14 3/4"	0	3	BROWN CLAY		X
14 3/4"	3	5	LT. BROWN SANDY CLAY		X
14 3/4"	5	20	BROWN CEMENTED GRANITE SAND		X
14 3/4"	20	21	BROWN SAND + GRAVEL		X
14 3/4"	21	33	BROWN Decomposed GRANITE		X
14 3/4"	33	40	BROWN Decomp. GRANITE w/Clch'i		X
14 3/4"	40	47	BROWN STICKY CLAY		X
14 3/4"	47	68	GRAY Decomp. GRANITE w/Clch'i		X
14 3/4"	68	98	med. HARD GRAY GRANITE		X
14 3/4"	98	99	FRACTURED BROWN + GRAY GRANITE		X
12 1/4"	99	106	FRACTURED BROWN + GRAY GRANITE	X	
12 1/4"	106	115	GRAY Decomposed GRANITE		X
12 1/4"	115	116	BROWN + GRAY FRACT. GRANITE	X	
12 1/4"	116	134	GRAY Decomposed GRANITE		X
12 1/4"	134	160	GRAY Decomp. GRANITE w/Clch'i	X	
12 1/4"	160	178	HARDER GRAY GRANITE		X
10"	178	265	HARDER GRAY GRANITE		X
10"	265	295	BROWN + GRAY FRACT. GRANITE	X	
10"	295	315	HARDER BROWN GRANITE w/FRACT.	X	
10"	315	317	SOFTER BROWN GRANITE w/FRACT.	X	
10"	317	330	HARDER BROWN GRANITE		X
10"	330	333	FRACT. BROWN GRANITE	X	
10"	333	360	SOFTER BROWN GRANITE		X
10"	360	395	HARDER BROWN GRANITE		X
10"	395	442	FRACTURED BROWN GRANITE	X	
10"	442	551	HARDER GRAY GRANITE		X
10"	551	555	FRACT. GRAY GRANITE w/Clch'i	X	
10"	555	572	HARD GRAY GRANITE		X
10"	572	600	GRAY FRACT. GRANITE		X
8"	600	655	HARD GRAY GRANITE		X
8"	655	687	BROWN + GRAY FRACTURED GRANITE	X	
8"	687	713	HARD GRAY GRANITE		X
8"	713	778	SOFTER GRAY GRANITE w/FRACT.	X	

Completed Depth 1,120 (Measurable)

Date: Started 6-11-07 Completed 9-21-07

14. DRILLER'S CERTIFICATION

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

Company Name GESTRIN Well Drilling, Inc. Firm No. 408

Principal Driller Robert W. Gestrin Date 9-25-07

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

65



LICENSED - BONDED

ROBERT GESTRIN
1 (208) 325-8637

#3 Plant Lane
Donnelly, Idaho 83615

3 of 3
847117

6" LINER LAYOUT, PERFORATIONS ARE $\frac{1}{8}$ " x 3"

590 - 650	SOLID 6" x .250 STEEL	
650 - 690	PERFORATED 6" x .250 STEEL	456 PERFORATIONS
690 - 710	SOLID 6" x .250 STEEL	
710 - 790	PERFORATED 6" x .250 STEEL	912 PERFORATIONS
790 - 830	SOLID 6" x .250 STEEL	
830 - 850	PERFORATED 6" x .250 STEEL	228 PERFORATIONS
850 - 870	SOLID 6" x .250 STEEL	
870 - 890	PERFORATED 6" x .250 STEEL	228 PERFORATIONS
890 - 970	SOLID 6" x .250 STEEL	
970 - 990	PERFORATED 6" x .250 STEEL	228 PERFORATIONS
990 - 1070	SOLID 6" x .250 STEEL	
1070 - 1110	PERFORATED 6" x .250 STEEL	456 PERFORATIONS
1110 - 1120	SOLID 6" x .250 STEEL	

DUAL ROTARY SHOE USED ON BOTTOM OF 6" LINER.
AT 1110 IS A $3\frac{1}{2}$ " API PIN TO SET OR REMOVE LINER.

RECEIVED

SEP 26 2007

WATER RESOURCES
WESTERN REGION





Well head just outside the pump house.



Well Tag No.
D0047284



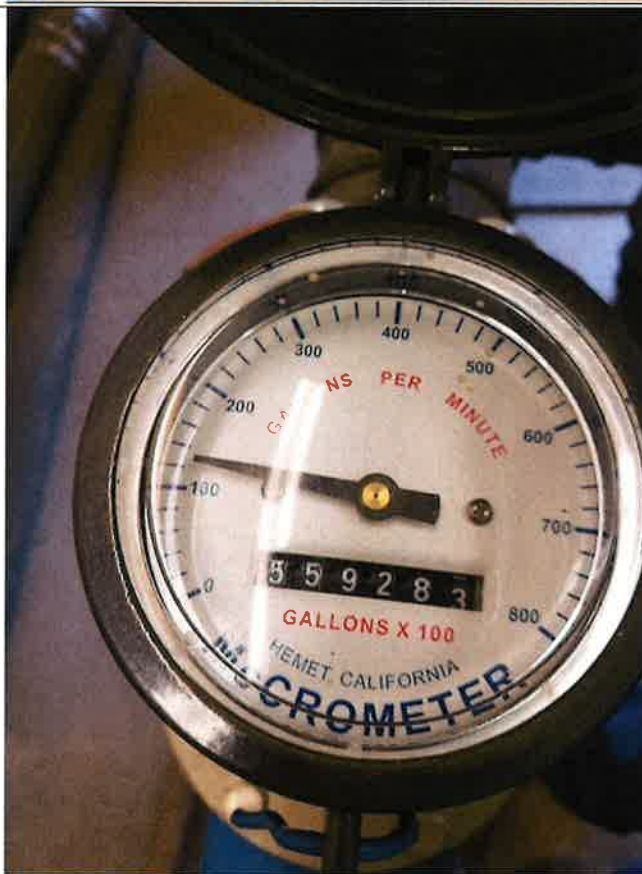
Pump house



6" supply line into the pump house.



System operates at
~18 psi.



Highest reading
was 200 gpm.
Water fluctuated
from 200 gpm to
80 gpm.



Ultra Mag flow meter in the pump house.



Water supply and return line into the mechanical room.



Pressure tank



Heat exchanger



Heat Exchanger information plate. S/N 998615-02. 2008 model.



In take thermometer into the heat exchanger.



Out take
thermometer from
the exchanger.



Pressure gauges
for the intake and
out take lines from
the exchanger.



Heat pumps are used throughout the school to heat and cool the buildings.



Heating and Cooling duct system in the gym.



One of the many
classroom heat
pumps.



Thermostat in the
classrooms to
control air
temperature.



Long heat pump in the school hallway used to heat and cool the school.



Man hole where return water is discharged into a City owned storm water infiltration basin.



Valve used to
control the release
of the return
water.

Skinner, Aaron

From: Bob Pair <bob@cascadeschools.org>
Sent: Thursday, August 23, 2018 11:27 AM
To: Skinner, Aaron
Subject: Re: School District's Well Information

Hi Aaron,

The well pump is a 50 hp
The pump is model Berkley 7T50-350
pump is set at 399 ft well is 1120ft
Static is 42ft

Hope this is what you needed

Thanks,
Bob Pair
Cascade Schools

On Mon, Aug 20, 2018 at 9:37 AM, Skinner, Aaron <Aaron.Skinner@idwr.idaho.gov> wrote:

Hi Bob,

As we discussed, below is a small list of information I would like to see before finalizing my recommendations for the school district's water right. If you have any questions, please don't hesitate to ask.

- Well pump Hp or pump curve
- Make and model of the pump and motor
- Elevation the pump sits in the well casing

Best,

Aaron Skinner

Idaho Department of Water Resources

Water Resource Agent, Sr.

(208) 334-2190

aaron.skinner@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

July 30, 2018

COPY

CASCADE SCHOOL DISTRICT #422
209 N SCHOOL ST
PO BOX 291
CASCADE, ID 83611

RE: Scheduling Field Exam for Water Right Permit No. 65-23111

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes **1.34 cfs** of **GROUND WATER** for **HEATING AND COOLING** use. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued and the permit should be relinquished. If that use was developed, but have ceased using the water and you currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

Please contact me within the next thirty (30) days at (208) 334-2190 to either schedule an examination or submit a relinquishment form. If the Department does not received a response by August 31, 2018, your permit will become void. Thank you for your attention to this matter.

Sincerely,

Aaron Skinner
Water Resource Agent
Idaho Department of Water Resources
Phone: (208) 334-2190
Email: aaron.skinner@idwr.idaho.gov

Enclosures: Relinquishment of Permit form
Water Permit Report and Map