# STATE OF IDAHO DEPARTMENT OF WATER RESOURCES BENEFICIAL USE FIELD REPORT

# A. GENERAL INFORMATION

Permit No: 65-23529 Exam Date: 08/22/2018

1. Current Owner:

SOUTHERN VALLEY COUNTY RECREATION DISTRICT PO BOX 723 CASCADE ID 83611

2. Accompanied by:

Phone No:

Address:

Relationship to permit Holder:

3. **SOURCE:** 

**GROUND WATER** 

Method of Determination: Site visit, well log

# **B. OVERLAP REVIEW**

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

YES Overlap

Source	Purpose of Use	Basis	
Groundwater	Heating	Decree	
,		1	Convenientes 11. C

Comments: 65-12755 also provides heating use for same facility from 10/01 to 03/31.

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

YES Overlap

Water Right No.	Source	Purpose of Use	Basis	
65-12755	Groundwater	Heating	Decree	

Comments: 65-12755 is diverted through the same well and diversion system.

# C. DIVERSION AND DELIVERY SYSTEM

# 1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L2 ( NE1/4 NE1/4), Sec. 36, Twp 14N, Rge 03E, B.M. VALLEY County

Method of Determination: Site visit, well log

PLACE OF USE: HEATING

Twn	Rng	Sec		N	E			N۱	N			SV	٧			SI			Totals
· wp	Tuig	OEC	NE	NW	SW	SE													
14N	03E	36	Х																
			L2																

Method of Determination: Site visit, aerial imagery

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X 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.

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

X Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Нр	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
396832	n/a	30	n/a	n/a	n/a

## D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
n/a	n/a	n/a	n/a	n/a	n/a	n/a

2. Measurements: No measurements were taken.

# E. FLOW CALCULATIONS

X Additional Computation Sheets Attached

Measured Method:

$$Q = \frac{8.8 * (Efficiency) * hp}{depth to water + 2.31*(psi)+friction}$$

See attached theoretical sheet for multiple scenarios.

Permit

1.40 cfs

B.U. Standard Allowance

N/A

B.U. Proof Fee

\$250 → 6.01-7.00 cfs

Theoretical Average

0.73 cfs

License Recommendation

0.73

Permit No 65-23529 Page 3

## F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

 $V_{LR}$  = (Acres Irrigated) x (Irrigation Requirement) =  $V_{D.R}$  = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = V = Smaller of  $V_{LR}$  and  $V_{D.R}$  =

## 2. Volume Calculations for Other Uses:

The heat aspect has a volume of the refilling of the two pools, plus hot water for the fixtures of the facility. The heating use for the heat exchanger, flooring in the facility, pool deck and outside concrete pad are already covered under overlapping right 65-12755. The two pools have a total capacity of 145,570 gals and are refilled every 8 hours for 183 days of operation a year, giving an annual volume of 245.27 afa. According to the rural and domestic water uses spreadsheet, each person per day for all uses including the use of all fixtures is 60 gal per day. At an average of 73 people per day using the facility, this is an annual volume of 4.91 afa. Therefore, the total volume recommended is 245.27 afa + 4.91 afa = 250.2 afa.

## G. NARRATIVE/REMARKS/COMMENTS

Permit 65-23529 authorizes 1.40 cfs of low temperature geothermal groundwater to be used for heating and municipal uses at the Southern Valley County Recreation District's aquatic and fitness center in Cascade, ID. Proof was filed on July 23, 2018 along with a \$250 field exam fee. The field exam was conducted by Sr. WRA Aaron Skinner in August, 2018 and the report was done by WRA Tyler Smith in July 2020.

The diversion system includes an existing well, ID #396832, which was modified in 2013 to increase its depth from 177' bsl to 245' bsl and casing from 12" to 8". The observed operating pressure at the well head was 60 psi. Water is pumped to a mechanical room where it is run through a sand filter, heat exchanger and pressure tank before it is distributed throughout the building. The heat exchanger is used to heat the water for the outdoor pool, and low temperature geothermal water is only used to maintain pool elevations, not initial filling. Thermometers showed the intake temperature of the low temperature geothermal was 100°F.

A return flow of final discharge of geothermal water runs through buried lines then through two settling ponds as required by IDEQ for water quality purposes before it is released back into the North Fork Payette River. Other municipal water is returned to the city's sewer system. A 4' McCrometer flowmeter is installed on a section of discharge pipe to measure a final discharge rate for the geothermal water. During the exam, the reading was ~150 gpm and the operator stated that the highest reading he had observed was ~200 gpm (0.45 cfs). Since this is a rate of discharge, this rate cannot be used to validate the diversion rate.

The well has a 30 hp variable speed pump, the depth at which it was installed unknown to the maintenance crew.

Pumps are typically set 5' above screenings, and a screening was installed from 120 to 174 feet bsl per the well log. A theoretical rate was determined using pumping levels of 110-120 feet, giving an average rate of 0.73 cfs. This is considered to be the system capacity and is therefore the overall diversion rate recommended for licensing.

Overlapping decreed right 65-12755 authorizes 1.18 cfs of heating use from the same point of diversion and place of use as this permit. 65-12755 is only authorized during the winter months from 10/01 to 03/31. It is recommended this permit authorize the heating use from April through September when pool circulation occurs.

The aquatic and fitness center uses the heat aspect of the groundwater to heat concrete slabs at its entrances, the flooring of both stories of the buildings totaling 20,000 ft<sup>2</sup>, refilling of the 2 pools and hot water for 22 fixtures including sinks and showers for an average of 73 people per day at the facility. A residential space heating requirements for geothermal sources spreadsheet was completed for all of the heating uses of the facility. This determined an annual diversion volume of 112.4 AF. However, heating use is already covered by overlapping water right 65-12755, which authorizes 1.18 cfs for heating use. The total heating use of the pools, fixtures, etc. requires a volume of 250.2 afa, and the rate of 0.73 cfs

Permit No 65-23529 Page 4

recommended for this license can produce such a volume

No additional beneficial use for municipal purposes was found, as municipal water from the town of Cascade is рі

provided for the use of cold water for fixtures	within the aquatic an	d fitness center and no irrig	ation use was found.						
Have conditions of permit approval b	een met? X	es No							
H. RECOMMENDATIONS									
1. Recommended Amounts									
Beneficial Use	Period of Use	Rate of Diversion	Annual Volume						
HEATING	01/01 to 12/31	0.73 CFS	250 AF						
	<u>Totals:</u>	0.73 CFS	250 AF						
	Change P.D. as reflected above Add P.D. as reflected above X None      Change P.U. as reflected above Add P.U. as reflected above X None								
I. AUTHENTICATION Tyler S	Smith - Water Resource	ce Agent	7/22/20						

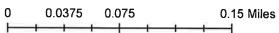
# State of Idaho Department of Water Resources

# **Well to River System Diagram**

Water Right Permit No. 65-23529



# Legend Well Mechanical Room Main Supply Line Buried Pipe Open Ditch Heating and Municipal





# RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Tyler Smith

Exam Date: 08/22/18

Computations for: File No: 65-23529

Heating of aquatic and fitness center facility

# REQUIRED DATA:

Area of livable floor space, ft2 (A)	20000
2 story? (N=1, Y=2)	2
House efficiency factor (e) *	0.67
Inside design temperature (Ti)	72
Average outside temperature (To) **	31
Source temperature, degrees F (S)	100
Heating/cooling days per season (D)	243
Hours/day system operates (H)	24

# 法不幸不不不不不不不不 不不不不不不不不不不不 不不不不不不不不不不不

- \* e values are as follows:
- 0.28 Best energy efficiency extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)
- \*\* Suggested average outside temperatures:

水水水水水水水水水水水 水水水水水水水水水水水水水 法非非非非常不不不不不不	-8 deg F Cascade	6 deg F Grand View	4 deg F Boise	WINTER
	70 deg F Cascade	90 deg F Grand View	80 deg F Boise	SUMMER

# CALCULATED DATA:

Applies factor of 0.8 for two-story dwelling Formula:  $E = [e \times (Ti - To)] A$ DESIGN HEAT LOAD (BTU/hr required)

439,520 BTU/hour

Formula:  $Ts = 0.3 \times [S - Ti]$ TEMPERATURE DROP ACROSS SYSTEM

8.4 degrees F

 $T_{S} =$ 

FLOW RATE REQUIRED (at given source temperature) Formula:  $Q = E/(500 \times Ts) \times 448.8$ 

Q= 0.23317 cfs

Formula:  $Vdiv = Q \times D \times H/24 \times 1.9835$ DIVERTED VOLUME OVER SEASON

112.4 AFA

AVERAGE TEMPERATURE CALCULATION:

-8 DEG MIN + 70 DEG HIGH / 2 =

31 DEG AVERAGE YEAR ROUND TEMP.

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.:

65-23529

Reviewer:

Tyler Smith

Date of Review:

6/25/2020

P/D No.:	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER BOOSTER HORSEPOWER	30 0	30 0	30 0
PUMPING LEVEL	110	115	120
DISCHARGE PRESSURE	60	60	60
RATE OF FLOW (cfs)	0.74	0.73	0.71 0.73

The above calculates the formula =

 $Q = \frac{8.8 * (Efficiency) * hp}{depth to water + 2.31*(psi)+friction}$ 

Assumptions:

%70 efficiency.

No Friction

# Examiners Notes:

30 Hp pump at 60 psi. Pump depth is uncertain, but know the well was expanded to 245 feet by Gestrin Well Drilling, Inc. on 10/7/2013. A screen is set at 120 to 174 feet, and pumps are typically set 5'above screenings. A pumping level variation from 110 to 120 feet was used to obtain an average flow of 0.73 cfs. Mr. Gestrin said the pump was rated for 300 gpm or 0.67 cfs.



Form 238-7 6/07

# IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

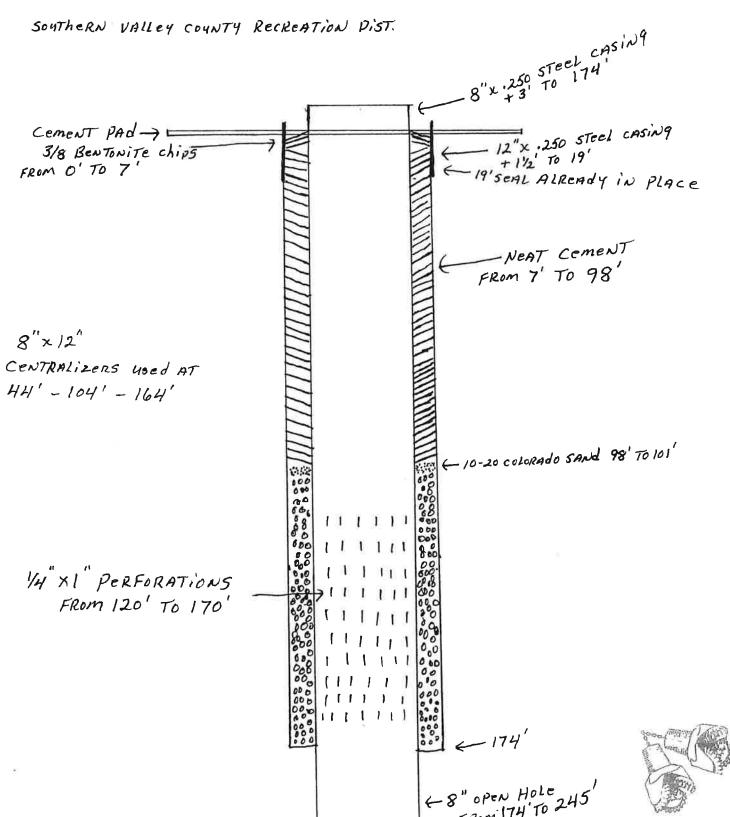
1. WELL TAG NO. D 00 64 700	12. S	TATIC V	VATER	LEVEL an	d WELL TE	ESTS:			
Drilling Permit No. 9104025-870084	Denth					Static water	r level (fl)	9	
Water right or injection well # <u>65-23529</u>	- Water	temp (°	D 9	<b>9</b>	Bottom	hole temp. (	)=/ )=/		
2. OWNER:		ibe acce	ss nort	SANIT	יו שפע	Jell S	- 1		
Name Southern VALLEY COUNTY RECREATION DISTRI	cT Well		o port_	211011	12/ 4				- 38
Address P. O. Box 72.3		down (feet		thange or	Test duration	on Dumo	nethod: Bailer	F	lowing
City CAS CAde State Td. Zip 8.3611		60	yie	d (gpm)	(minutes)		_	~ a	desian
3.WELL LOCATION:			- 3	/3	240	<b> </b> 🖁	_		
Twp. 14 North 12 or South Rge. 3 East 12 or West	Water	quality t	est or co	mments: _	CLEA		-	_	_
Sec. 36 SW 1/4 NE 1/4 NE 1/4	13. LIT					andonmen	nt:		
	Bore	From	To		s, lithology or	description of	repairs or	Wr	ater
Gov't Lot County VALLEY	(in)	(ft)	(ft)		abandonmer	nt, water temp.		Y	N
Gov't Lot County VALLEY  Lat	8	174	190	HARd	9RAY	9 RANIT	re		X
Long 116 0 02 · 000 (Deg. and Decimal minutes)		190	191	FRACT	r. GRA	4 9RAN	vite	591	em
Address of Well Site Old Mill SITE ON Mill STREE	8	191	245	HARO	gRAY	9RANI	Te	1.57	X
(Gree at least name of road + Declarice to Road or Landmark) City <u>CASCAde</u>			-						
			-					-	-
Lot Blk Sub. Name								+	-
□ Domestic ☑ Municipal □ Monitor □ Irrigation □ Thermal □ Injec	tion								
5. TYPE OF WORK:	_							1	
New well Replacement well Modify existing well									
☐ Abandonment ☐ Other	_								
6. DRILL METHOD:									
☑ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other									
7. SEALING PROCEDURES:  Seal material From (ft) To (ft) Quantity (ibs or ft²) Placement method/procedure	_,								
3/8 Boutonite chip O 7 150 Lbs. POUREd									
WEST CEMENT 7 98 432 gal. Pumped								-	_
8. CASING/LINER:	_							-	
Diameter From (ft) To (ft) Gauge/								1	
0 . 2									
	l								
Was drive shoe used? ☐ Y ☑ N Shoe Depth(s)	-				FIEC	ELV	ED	-	
9. PERFORATIONS/SCREENS:	_		-		7,000.00	- TYP / - E	302.230	+	
Perforations XIY N Method DTH AiR STAR Wheel	<u> </u>				007	15 73	9	1	
Manufactured screen ☐ Y 🔯 N Type	_							+	_
Method of installation						<del>RESOURCE</del> BRUSEON		1	
	=				407.51.5	MILE PER LINE	131		
(nominal) Material Gauge or Schedule	Comple	ted Depth	Measu	able).	245				
120 170 4x1 800 8 STEEL . 250		arted: 9							
				FICATION	Date C	ompleted:	10 - 7	13	
	I/We ce	rtify that	all minin	rication ium well oo	i: Mshuction s	tandards we	re complic	ad with a	
Length of Headpipe Length of Tailpipe	the time	the rig v	vas remo	ved.		WINDS NO	ле солирне	AU WIUT AI	·Ľ
Packer 🗌 Y 🛛 N Type	— Сопра	nv Name	Ges	TRINI	101/17	Rillingo	- N- 1-1	100	
10.FILTER PACK:			0	11	11-	DILLINGO	5. NO	00	
Filter Material From (ft) To (ft) Quantity (lbs or ft <sup>2</sup> ) Placement method	*Princip	al Driller	Lexand	ut w.	Just	mi D	ate 10 -	8-13	_
10-20 call 0.01 1.11	*Driller	Lufa	Tw.	Suis	tri	D	ate /n -	8-1:	3
76 2	*Onom								
11. FLOWING ARTESIAN:		VI 11				D	ate		
	Operato	r I				Da	ate		
Flowing Artesian?  Y X N Artesian Pressure (PSIG)	- * Signa					or are requi			
Search of Child District					- Politic	requi			



LICENSED - BONDED

**ROBERT GESTRIN** 1 (208) 325-8637

#3 Plant Lane Donnelly, Idaho 83615





Power to the well.



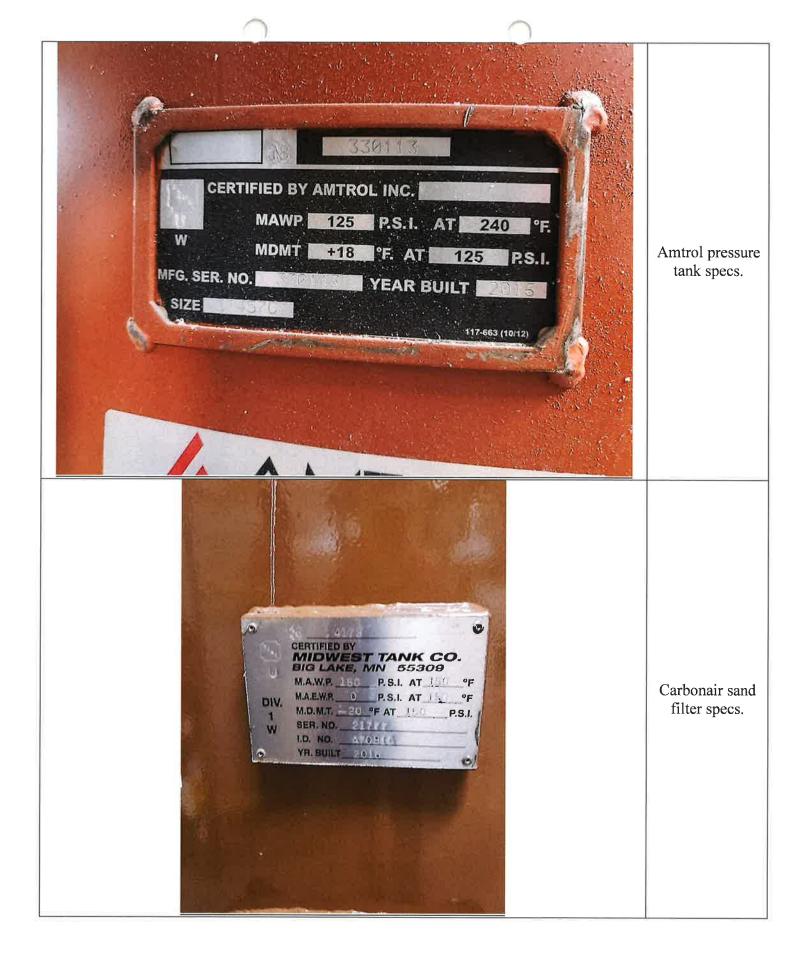
The old Boise Cascade Mill well was modified in 2013 to increased depth from 177 to 245 and casing from 12" to 8".



Tag located on the well casing. No well tag was found. Identified as D0064700 (modified well).



Operating pressure at well head.





Intake to mechanical room inside the Aquatic Center.



Geothermal water is ran through a pressure tank and/or sand filter before being used.

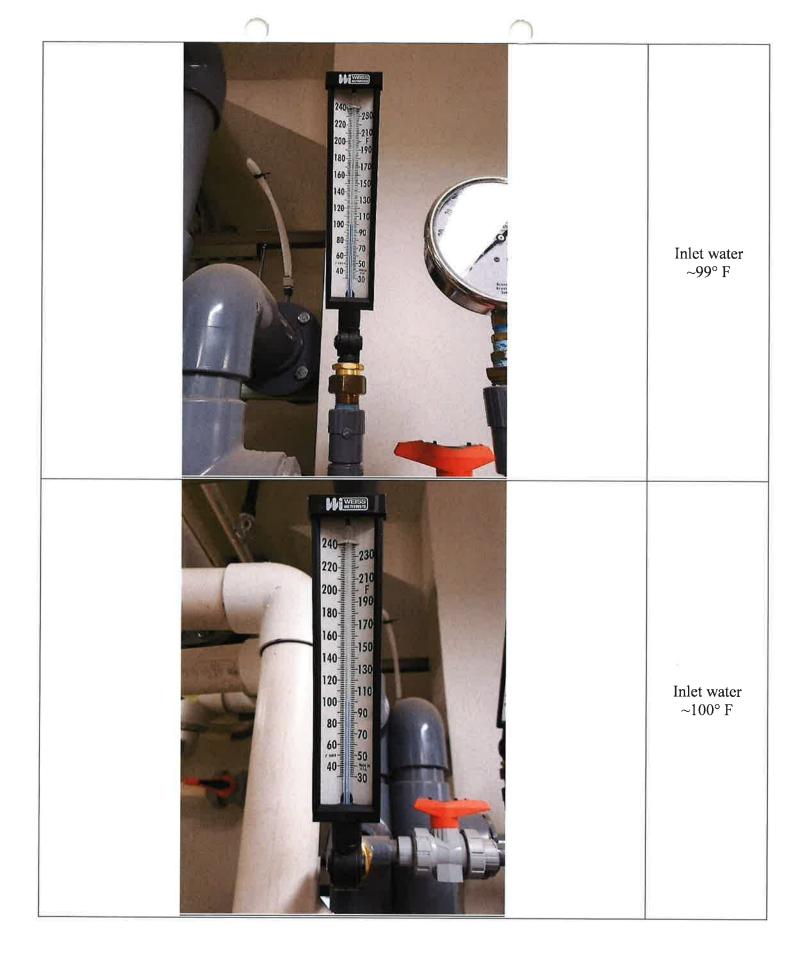


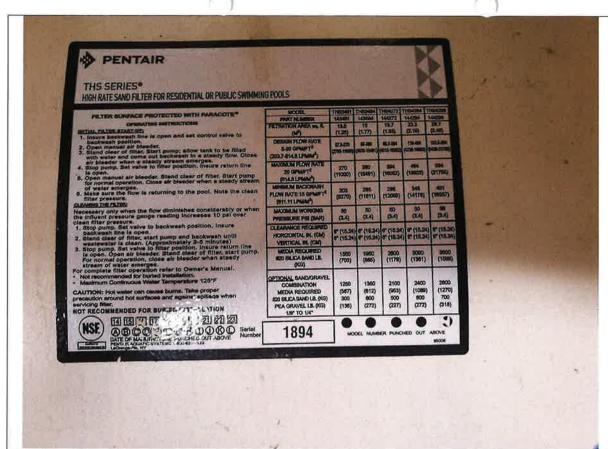
Heat exchanger and sand filter for the pool system. Grey pipe is water in. White pipe is water out of the exchanger to the pools.



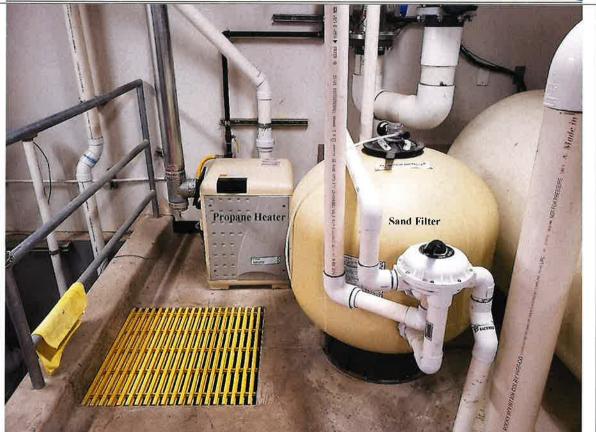
Heat exchanger is used to heat pool water. Pool water from the geothermal well is only used to maintain pool elevations.







THS Series sand filter for the pool system.



Propane heater and sand filter for the therapy pool.



Pumps used to circulate water in each pool.



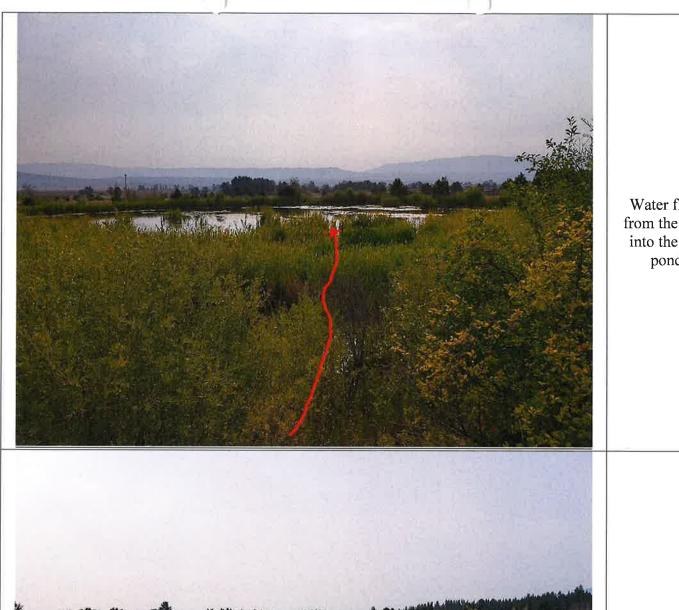
Geothermal discharge from the heating system.



Flow meter that measures final discharge.
During the field exam, the reading was ~150 gpm. The highest reading the operators have seen is ~200 gpm.



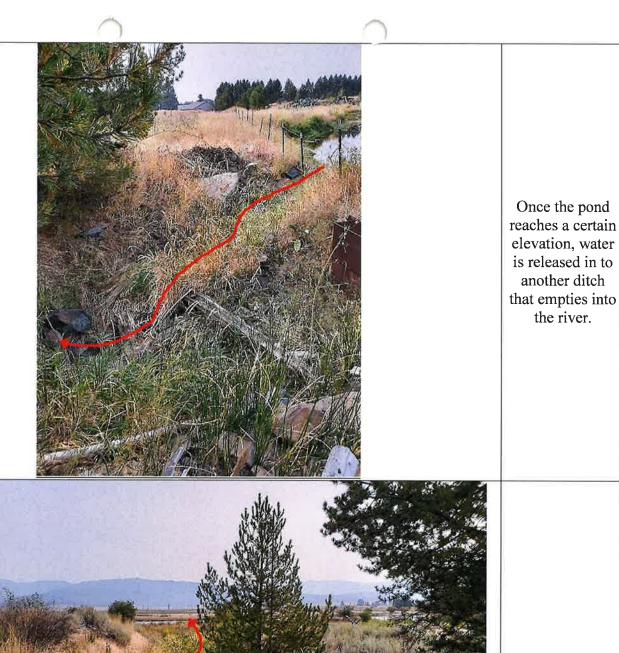
Buried line runs along the west side of the Aquatic Center from the mechanical room to this ditch. Water flows through two ponds before dumping into the North Fork of the Payette River.



Water flows from the ditch into the first pond.



Second pond that holds the geothermal water before it releases in to the river.



Discharge into the North Fork of the Payette River.

the river.



The west side of the Aquatic Center that has heating coils in the concrete slab.



Aquatic Center entrance that has heating coils in the concrete slab.



Control panel for one of the floor heating sections.



Thermostat for the floor heating.



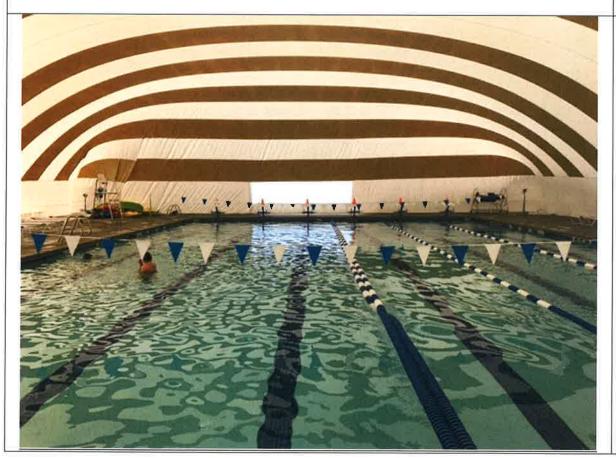
Geothermal heated showers outside at the pool deck area.



Big pool. Capacity of 142,000 gallons.



Therapy pool. Capacity of 3,570 gallons.



A tent is placed over the pool during the winter months to allow year round access.

# Flow Meter Reading Log for WR Permit No. 65-23529 Created By: Aaron Skinner Water Resource Agent, Sr.

			,					
Date	Meter #1 (gallons)	Gallons Used #1	# of Days	GPD #1	Meter #2 (gallons)	Gallons Used #2	GPD #2	Total (gal.)
8/22/2018	168,001				129,003			
8/23/2018	168,082	81	1	81.00	129,137	134	134.00	215
8/25/2018	168,319	237	2	118.50	129,623	486	243.00	362
8/29/2018	168,717	398	4	99.50	129,993	370	92.50	192
9/1/2018	169,107	390	ω	130.00	130,088	95	31.67	162
9/5/2018	169,692	585	4	146.25	130,275	187	46.75	193
9/6/2018	169,804	112	1	112.00	130,305	30	30.00	142
9/7/2018	169,858	54	1	54.00	130,466	161	161.00	215
9/8/2018	169,933	75	1	75.00	130,572	106	106.00	181
9/11/2018	170,204	271	3	90.33	131,036	464	154.67	245
9/12/2018	170,360	156	1	156.00	131,141	105	105.00	261
9/13/2018	170,443	83	1	83.00	131,166	25	25.00	108
9/18/2018	173,030	2,587	5	517.40	131,275	109	21.80	<u>539</u>
9/25/2018	173,631	601	7	85.86	132,365	1,090	155.71	242
9/26/2018	173,746	115	1	115.00	132,485	120	120.00	235
9/27/2018	173,833	87	1	87.00	132,584	99	99.00	186
10/1/2018	174,180	347	4	86.75	133,414	830	207.50	294
10/2/2018	174,273	93	1	93.00	133,645	231	231.00	324
10/5/2018	174,569	296	З	98.67	134,247	602	200.67	299
10/8/2018	175,007	438	3	146.00	134,777	530	176.67	323
10/19/2018	175,974	967	11		135,795	1,018		

#	Flow meter 168001	Readings		date
	16800 -	J		8/22/18
2	72.903	12903		8/22/18
1	168 082-			8/23/18
2	事 .	129137 -		3/23/18
1	168319	V		8/25/18
2		129623		8/25/19
1	168606			8/28/19
2	10007	129845		8/28/18
1	168717			8/29/18
2	168717	129993 -		8/29/18
	635 76	856	1471	
1	169107			9/1/18
2		130088	3	9/1/18
1	169692	· ·		9/5/18
2		130275		9/5/18
1	169 804			9/6/18
2		130305		96/18
	169858			9/7/18
2	7 00	130 466		9/7/18
1	169933			9/8/18
2		130572		9/9/18
1	170204		٠,	9/11/19
2		131 036		9/11/19
	(1097)	948) =	9000	
\ \	170360			9/12/13
0		13/14/		7/12/18
2	170 243	N H		9/13/18
0	Bandle .	13/166		9/13/18

10			
Pet	Flow meter R	eadings,	date
1	173030		7/18/6
2		13/275	e/ 18/16
-	17363/		9/25/18
2		132365	9/20/18
	13 746		9/21/18
2		132485	9/24/9
1	173833		9/27/18
2		132584	9/27/18
1	174 180		10/1/18
7_		1334(4	10/1/18
1	174273		10/2/18
2		133 645	10/2/18
	174569		0/5/18
2		134247	10/5/18
4	175007		10/8/18
2		134777	10/8/18
1	175974		10/19/18
2		135795	10/19/18
~			
	(4		

# Skinner, Aaron

From:

patty@cascaderec.org

Sent:

Thursday, January 10, 2019 2:43 PM

To:

Skinner, Aaron

Subject:

Re: Well Pump for Geothermal

Hi Aaron,

I apologize for the delay in getting back to you. The only information I could find is that we did put in a variable speed drive sometime around 2013, but to my knowledge and my current Board President's knowledge that was the only change made.

Please let me know if I can be of further assistance.

**Patty** 

Quoting "Skinner, Aaron" < Aaron. Skinner@idwr.idaho.gov >:

Patty,

I spoke with Bob Gestrin who expanded the well depth to 245 feet back in 2013. To the best of his knowledge, the existing pump was a 30 horse power (Hp) pump rated at 300 gallons per minute (gpm). Bob also said Gem Pump submitted a bid around that time to replace the pump. I contacted Gem Pump who said they did not end up doing any of the work. Do you or any of the Board Members know if the 30 Hp pump was replaced with a different rated pump around 2013? All my calculations reflect the 300 gpm pump. Please let me know at your convenience if any knowledge differs than what I've explained here.

Thank you,

# Skinner, Aaron

From:

patty@cascaderec.org

Sent:

Thursday, November 01, 2018 2:53 PM

To:

Skinner, Aaron

Subject:

Re:

Hi Aaron.

I spoke with Doug to confirm calculations and we came up with about 20,000 square feet of area that is heated (our upstairs uses geothermal heat as well as all of our decking).

As far as the meters, the one circled in your attachment measures the total geothermal water and the second meter measures geothermal water for showers, washing machine, toilet etc that flow to the city sewer system.

I hope this helps! Please let me know if there are further questions.

Thanks!

Patty

Quoting "Skinner, Aaron" < Aaron. Skinner@idwr.idaho.gov >:

Patty,

Thank you for the flow meter numbers. I've calculated daily usage to better understand the rec centers use. I do have a couple questions I was hoping you or the maintenance guys can answer below.

- I calculated the footprint of the aquatic center to be ~5,200 ft<sup>2</sup> using the heating loop map that was provided during our field exam. The original application referenced a 22,000 ft<sup>2</sup> building. Will you please verify the square footage of the heating area (building, snowmelt areas, pool area, etc.)? The formula to calculate a volume limit on the water right license is dependent of the square footage, so I want to make sure I'm accurate.
- The flow records we received identify two meters. Will you please let explain the location of each meter and what water they are measuring?

<ul> <li>I've attached a picture of the totalizer (circled in yellow) I remember from our visit, which measured flow that was sent to the City of Cascade's system.</li> </ul>
·
Any help is appreciated.
Best,
Aaron Skinner
Idaho Department of Water Resources
Water Resource Agent, Sr.
(208) 334-2190
aaron.skinner@idwr.idaho.gov

Patty Wold
District Manager
Cascade Aquatic and Recreation Center
333 Kelly's Parkway
P.O. Box 723
Cascade,ID 83611
208-382-5136
CascadeRec.org

Facebook/SVCRD



# State of I ho 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



SOUTHERN VALLEY COUNTY RECREATION DISTRICT PO BOX 723 CASCADE, ID 83611

RE: Scheduling Field Exam for Water Right Permit No. 65-23529

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 1.40 cfs of GROUND WATER for HEATING AND MUNICIPAL 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