

RECEIVED

JUN 16 2010

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant Jack and/or Corrine Young Phone 208-495-9854
 Mailing address 11487 State Hwy 78, Givens Hot Springs, ID 83641 Email _____
 Representative SPF Water Engineering LLC, 300 E. Mallard, Ste 350, Boise, ID 83706 208-383-4140

2. Source of water supply Ground Water which is a tributary of _____

3. Location of point of diversion is Township 1N Range 3W Sec. 21, in the _____ ¼,
SE ¼, NW ¼, Govt. Lot _____, B.M., Owyhee County;
 additional points of diversion if any: GENW 321 12/16/10

4. Water will be used for the following purposes:

Amount 0.20 cfs for Commercial purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount 7.0 af for Commercial Storage purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount 0.06 cfs for Irrigation purposes from 3/1 to 11/15 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount 7.0 af for Irrigation Storage purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount 7.0 af for Irrig. From Storage purposes from 3/1 to 11/15 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount 0.20 cfs for Heating purposes from 10/1 to 5/1 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount 0.04 cfs for Domestic purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per annum)
0.20 cfs DIV. to STORAGE 1/1 12/31 12/16/10

5. Total quantity to be appropriated is (a) 0.20 cfs and/or (b) 7.0 af
 cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source Existing domestic and artesian wells, ½ to 1 ½-
inch pipe

b. Height of storage dam _____ feet; active reservoir capacity 5.0 acre-feet;
 total reservoir capacity 5.0 acre-feet

c. Proposed well diameter is 8 & 6 inches; proposed depth of well is 8": 180, 6": 820 feet

d. Is ground water with a temperature of greater than 85°F being sought? 8"-No, 6"-Yes

e. If well is already drilled, when? 8"- 9/22/1997 12/16/10 6"- 4/6/2006 OK Drilling firm Treasure Valley Drilling OK
 Well was drilled for (well owner) Jack Young; Drilling Permit No. 8"- 720077, 6"- 838033 OK

7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)

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

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality. _____

d. Domestic; show number of households. 1

e. Other; describe fully. Commercial use for 7 greenhouses, 4 algae cultivation ponds, 1 scuba training pool, 1 cooling pond and 3 medicinal spas. Heating use for home, shop and greenhouses.

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
1N	3W	21					C			C									
							H			H									
							D			D									
							0.5			1.5									2.0

Total number of acres to be irrigated 2.0

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? Opaline Irrigation District water

11.a. Who owns the property at the point of diversion? Applicants

b. Who owns the land to be irrigated or place of use? Applicants

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Geothermal water from the 6-inch artesian well is proposed for heating a home, shop and seven greenhouses, with the spent water commercially used for cultivating algae in ponds, medicinal spas, scuba training pool, irrigation in the greenhouses and land application of waste water for landscape irrigation. Department heating/cooling standards were used to estimate a reasonable diversion rate for heating use. As indicated on the attached spreadsheets, the diversion rate required for heating the home and greenhouses equates to 0.15 cfs. The shop area was too small to calculate. Based on this information, 0.20 cfs proposed for heating use appears reasonable. Total proposed pond/pool volume is 5.0 af with 0.76 acre open water surface area. The attached ET Idaho data indicates annual evaporative loss for 0.76 acres of pond/pool surface area is 2.0 af, which was included in the total amount proposed for commercial storage.

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Jack Young
Signature of Applicant

Jack Young (owner)
Print Name (and title, if applicable)

For Department Use:

Received by DB Date 6-16-10 Time 1:35pm Preliminary check by _____
 Fee \$ 100- Received by DB Receipt No. W038478 Date 6-16-2010
 Publication prepared by DB Date 12/29/2010 Published in OWYHEE AVALANCHE
 Publication approved _____ Date _____ Dates Published JANUARY 5 & 12, 2011

T1N R3W S21

2009 Photo

NENW

40'x50' Cooling Pond

30'x60' Greenhouses

80'x50' Algae Ponds

115'x100' + 60'x60'
Scuba Training Pond

SENE

Legend

-  Project Boundary
-  Artesian Well
-  Domestic Well *6/2/10/10*
-  Home
-  Shop
-  Greenhouses
-  Algae Ponds
-  Scuba Training Pond
-  Cooling Pond
-  Spas

Young Application for Permit



0 100 200
Feet



SPF WATER
ENGINEERING

57-11793

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Jgraves
Exam Date:
File No: Young
Computations for: Dom Heating

REQUIRED DATA:

Area of livable floor space, ft² (A) 3200
story? (N=1, Y=2) 2
House efficiency factor (e) * 0.44
Inside design temperature (Ti) 70
Average outside temperature (To) ** 0
Source temperature, degrees F (S) 132
Heating/cooling days per season (D) 215
Hours/day system operates (H) 24

CALCULATED DATA:

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

E = 78,848 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM
Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 18.6 degrees F

* 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:

WINTER	SUMMER
4 deg F Boise	80 deg F Boise
6 deg F Grand View	90 deg F Grand View
-8 deg F Cascade	70 deg F Cascade

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

Q = 0.02 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 8.1 AFA

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Igraves
 Exam Date:
 File No: Young
 Computations for: Greenhouse Heating

REQUIRED DATA:

Area of livable floor space, A_2 (A) 12600
 story? (N=1, Y=2) 1
 House efficiency factor (e) * 1.11
 Inside design temperature (T_i) 50
 Average outside temperature (T_o) ** 0
 Source temperature, degrees F (S) 132
 Heating/cooling days per season (D) 215
 Hours/day system operates (H) 24

CALCULATED DATA:

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

E = 699,300 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM
 Formula: $T_s = 0.3 \times [S - T_i]$

$T_s =$ 24.6 degrees F

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

Q = 0.13 cfs

DIVERTED VOLUME OVER SEASON
 Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

$V_{div} =$ 54.0 AFA

** Suggested average outside temperatures:

WINTER	SUMMER
4 deg F Boise	80 deg F Boise
6 deg F Grand View	90 deg F Grand View
-8 deg F Cascade	70 deg F Cascade

* c 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)

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Igraves
Exam Date:
File No: Young
Computations for: Shop Heating

REQUIRED DATA:

Area of livable floor space, ft² (A) 1200
story? (N=1, Y=2) 1
House efficiency factor (e) * 0.44
Inside design temperature (Ti) 50
Average outside temperature (To) ** 0
Source temperature, degrees F (S) 132
Heating/cooling days per season (D) 215
Hours/day system operates (H) 24

CALCULATED DATA:

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

E = 26,400 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM
Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 24.6 degrees F

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

Q = 0.00 cfs

DIVERTED VOLUME OVER SEASON
Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 2.0 AFA

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstriped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstriped, 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:

WINTER SUMMER
4 deg F Boise 80 deg F Boise
6 deg F Grand View 90 deg F Grand View
-8 deg F Cascade 70 deg F Cascade

	mm/day											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly ^a	-0.12	0.47	1.69	2.31	2.82	3.9	4.83	4.33	2.87	1.78	0.39	-0.1
days/mo	31	28	31	30	31	30	31	31	30	31	30	31
monthly ET (mm)	-3.72	13.16	52.39	69.3	87.42	117	149.73	134.23	86.1	55.18	11.7	12.09
monthly ET (ft)	-0.012	0.043	0.172	0.227	0.287	0.384	0.491	0.440	0.282	0.181	0.038	0.040
Total												
	365											
	784.58											
	2.57											

Expected annual pond evap: *0.76 acres pond surface area X 2.57 ft/yr annual pond evap = 2.0 af annual pond evap consumptive requirement

Commercial storage surface area and volume:

- 3 spas @ 8'x8' = 192 sq ft x 4' deep = 0.02 af
- 4 algae ponds @ 80'x50' = 16,000 sq ft x 3' deep = 1.1 af
- 1 scuba pool @ 115'x100' + 60'x60' = 15,100 sq ft x 10' deep = 3.5 af
- 1 cooling pond @ 40'x50' = 2,000 sq ft x 8' deep = 0.4 af

*Total pond/pool surface area = 33,292/43560 = 0.76 acres
 Total pond/pool volume = 5.0 af

ET Idaho 2009: Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

Please send suggestions for improving this site to robison@kimberly.idaho.edu Copyright 2010, University of Idaho.

Nampa (AgriMet --NMPI)

Statistics based on 12 years between 1997 to 2008

For a different land cover or crop click on the above link.
You can highlight this table and copy via the clipboard to a Microsoft Excel or OpenOffice spreadsheet to plot or otherwise work with this data.

Open water - shallow systems (ponds, streams)													
Precipitation Deficit (Click here for a graph)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a
Mean	mm/day												Non Growing Season ^b
Monthly ^c	-0.12	0.47	1.69	2.31	2.82	3.90	4.83	4.33	2.87	1.78	0.39	-0.10	769
15-Day Moving Average ^d	-0.08	0.42	1.77	2.36	2.78	4.07	4.85	4.38	2.79	1.73	0.40	-0.04	0
7-Day Moving Average ^e	-0.08	0.45	1.71	2.32	2.78	3.99	4.85	4.34	2.78	1.76	0.37	-0.08	769
3-Day Moving Average ^f	-0.11	0.48	1.70	2.31	2.80	3.93	4.84	4.34	2.84	1.77	0.36	-0.08	0
Standard Deviation	mm												Annual
Monthly	0.71	0.56	0.89	0.54	2.29	0.93	0.41	0.77	0.69	1.10	0.54	0.56	119
15-Day Moving Average	0.60	0.68	0.83	0.76	2.12	1.05	0.52	0.66	1.00	0.94	0.63	0.49	0
7-Day Moving Average	0.79	0.85	1.09	1.21	2.43	1.67	0.78	0.83	1.46	1.25	0.85	0.76	119
3-Day Moving Average	1.15	1.18	1.44	1.78	2.82	2.50	1.10	1.01	1.89	1.58	1.16	1.17	0
20% Exceedance	mm/day												mm
Monthly	0.19	0.72	2.13	2.79	3.55	4.20	5.01	4.55	3.34	2.33	0.66	0.08	861
15-Day Moving Average	0.46	0.90	2.81	3.34	5.00	5.28	5.48	5.09	3.68	2.74	1.08	0.48	0
7-Day Moving Average	0.85	1.61	3.11	4.34	5.57	5.77	5.88	5.30	4.09	3.31	1.57	0.73	861
3-Day Moving Average	1.24	1.90	3.86	5.08	5.90	6.46	6.36	5.93	4.91	3.69	2.10	1.08	0
80% Exceedance	mm/day												mm
Monthly	-0.71	-0.07	1.05	1.81	0.72	2.81	4.44	3.69	1.90	0.68	-0.16	-0.28	590
15-Day Moving Average	-1.57	-0.82	0.47	0.32	-1.47	1.72	3.79	3.36	0.72	-1.26	-0.71	-0.90	0
7-Day Moving Average	-2.93	-1.44	-1.20	-1.68	-2.40	1.12	2.28	2.20	-1.60	-2.52	-1.44	-1.93	590
3-Day Moving Average	-4.57	-3.23	-4.25	-5.38	-4.68	-3.55	-0.80	0.84	-7.51	-4.54	-3.53	-4.58	0
Ave Highest Pder	mm/day												--
15-Day Moving Average ^g	0.33	0.74	2.48	3.12	4.02	4.89	5.28	4.85	3.45	2.40	0.86	0.39	--
7-Day Moving Average ^h	0.74	1.26	2.92	3.82	5.19	5.36	5.69	5.12	4.01	3.16	1.31	0.68	--
3-Day Moving Average ⁱ	1.13	1.57	3.60	4.56	5.64	5.84	6.14	5.59	4.54	3.73	1.80	1.04	--
Ave Lowest Pder	mm/day												--
15-Day Moving Average ^g	-0.58	0.08	0.97	1.47	1.53	3.13	4.37	3.85	2.16	1.10	-0.06	-0.55	--
7-Day Moving Average ^h	-1.33	-0.48	0.09	0.37	0.08	1.82	3.64	3.29	1.13	0.50	-0.62	-1.39	--
3-Day Moving Average ⁱ	-2.79	-1.75	-1.26	-1.28	-2.11	-1.11	2.15	2.38	-1.10	-0.94	-1.97	-2.97	--
Special normal distribution parameters for monthly, seasonal, and annual intervals													
Skew	0.08	0.55	0.03	0.14	-0.51	-0.91	0.00	0.15	-0.22	-0.44	-0.27	-0.78	-0.88
Kurtosis	0.58	2.47	0.60	2.26	1.09	4.46	0.51	0.63	2.21	1.02	3.34	1.99	3.24

^a Growing Season: This is usually the time from green up or planting in the spring to a killing frost or harvest in the fall. It is not applicable for entries without a growing season and will be blank.

^b Nongrowing Season: This is usually the time from a killing frost or harvest in the fall to the of green up in the spring. It is not applicable for entries without a growing season.

^c Mean of the average daily value for month

^d Mean of the fourteen 15-day period averages contained in the month

^e Mean of the twenty three 7-day period averages contained in the month

^f Mean of the twenty seven 3-day period averages contained in the month

^g Mean of the highest/lowest 15-day period average in month

^h Mean of the highest/lowest 7-day period average in month

ⁱ Mean of the highest/lowest 3-day period average in month

This work and report were prepared by the University of Idaho Research and Extension Center at Kimberly, Idaho under contract with the Idaho Department of Water Resources. Work was supported by funding from IDWR and the Idaho Agricultural Experiment Station and Idaho Engineering Experiment Station. The authors gratefully acknowledge the long-term evapotranspiration data collection and long-standing advice provided by Dr. James L. Wright, USDA-ARS Kimberly (ret.), the more than two decades of high quality agricultural weather data collection by the U.S. Bureau of Reclamation AgriMet system, and the very long-standing, routine data collection by the hundreds of cooperative weather station volunteers across the state who, for more than one-hundred years, have faithfully observed daily air temperature and precipitation.

The citation for the evapotranspiration data used from this site should be: Allen, Richard G. and Clarence W. Robison. 2009. *Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho: Supplement updating the Time Series through December 2008*, Research Technical Completion Report, Kimberly Research and Extension Center, University of Idaho, Moscow, ID.

Questions regarding the data should be addressed to [Clarence W. Robison](mailto:Clarence.W.Robison@idaho.edu) or [Richard G. Allen](mailto:Richard.G.Allen@idaho.edu), University of Idaho, Kimberly Research and Extension Center, 3793 North 3600 East, Kimberly, ID 83341. Telephone (208)-423-6610

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Form 238-7
11/87 JGEIDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT**1. WELL TAG NO. D 0042455**DRILLING PERMIT NO. **892768-838033**

Other IDWR No. _____

2. OWNER:Name **Jack Young**Address **11487 State Hwy 78**City **Givens Hot Springs**State **ID** Zip **83641****3. LOCATION OF WELL by legal description:**

Sketch map location must agree with written location.

N		Twp. 1		North ☒ or South ☐	
E		Rge. 3		East ☐ or West ☒	
S		Sec. 21		1/4 SE 1/4 NW 1/4	
Gov't Lot		To Acres		County Owyhee	
Lat: 43°24.706'		Long: 116°42.194'			
Address of Well Site 11487 State Hwy 78		City Givens Hot Spring			

Take 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
DRILL METHOD:
☐ Air Rotary ☐ Cable ☒ Mud Rotary ☐ Other
7. SEALING PROCEDURES:

Seal/Filter Pack		AMOUNT		METHOD
Material	From To	Sacks or Pounds		
Cement	0 75'	45 Sacks	Trimmie	
Cement	65' 465'	6.5 yds	Pressure	
Grout	0 65'		Natural	

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) **10" @ 75' 6" @ 465'**Was drive shoe seal tested? ☐ Y ☒ N How? _____**8. CASING/LINER:**

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10"	+9'	75'	.250	Steel	☒	☐	☒	☐
6"	+1.6'	465'	.250	Steel	☒	☐	☒	☐

Length of Headpipe _____

Length of Tailpipe _____

9. PERFORATIONS/SCREENS:
☐ Perforations
☐ Screens

Method _____

Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
 _____ ft. below ground Artesian pressure **16** lb.
 th flow encountered **468** ft. Describe access port or control
 devices: **2" Ball Valve - 6" Butterfly Valve**

Office Use Only		
Inspected by	Twp	Rge
	1/4	1/4
Lat:	Long:	

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
950		6" Tube	4 Hrs.
575		4" Tube	4 Hrs.

Water Temp. **132°**Bottom hole temp. **132°**

Water Quality test or comments: _____

Depth first Water Encounter **8"****12. LITHOLOGIC LOG:** (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water
14"	0	1'	Top Soil	
14"	1'	8'	Brown Clay	
14"	8'	32'	Gravel & Sand	X
14"	32'	75'	Sticky Blue Clay	
10"	75'	83'	Sticky Blue Clay	
10"	83'	127'	Baked Blue Clay	
10"	127'	183'	Baked Clay w/Sand Seams	X
10"	183'	264'	Sandy Blue Clay	
10"	264'	376'	Baked Blue Clay	
10"	376'	392'	Blue Sandstone	X
10"	392'	459'	Baked Blue Clay	
10"	459'	465'	Gray Rhyolite	
6"	465'	488'	Gray Rhyolite	
6"	488'	482'	Fractured Rhyolite	X
6"	482'	507'	Gray Rhyolite	
6"	507'	522'	Baked Blue Clay	
6"	522'	541'	Lt. Blue Sandstone	X
6"	541'	544'	Reddish Brown Rhyolite	
6"	544'	557'	Fractured Gray Rhyolite	X
6"	557'	617'	Lt. Gray Rhyolite	
6"	617'	624'	Fractured Gray Rhyolite	X
6"	624'	698'	Dark Gray Rhyolite	
6"	698'		Gray Rhyolite w/Small	
		820'	Fractures	X

Completed Depth **820'** (Measurable)Date: Started **3/20/2006**Completed **4/6/2006****13. DRILLER'S CERTIFICATION:**

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

Company Name **Treasure Valley Drilling**Firm No. **560**Firm Official
andDate **4/7/2006**

Driller or Operator

Date **4/7/2006**

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

Buffington, Denise

From: Buffington, Denise
Sent: Wednesday, December 29, 2010 11:36 AM
To: Owyhee Avalanche
Subject: LEGAL NOTICE
Attachments: Owyhee County Ads - Cover Letter.Doc; Owyhee County Ads.Doc

Attached please find (1) legal notice being submitted for publication. Please contact me immediately if you have any questions, or if you are not able to publish the ad on the dates requested.

Thank you in advance,

*Denise Buffington
Administrative Assistant I
Dept of Water Resources
Western Region
(208) 334-2190*

December 29, 2010

LEGAL NOTICE DEPARTMENT

OWYHEE AVALANCHE
PO BOX 97
HOMEDALE, ID 83628

RE: Application For Permit No(s): 57-11793

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 1/24/2011. Your cooperation is appreciated.

Sincerely,

Denise Buffington
Administrative Assistant

Enclosure(s)

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

57-11793

JACK YOUNG

CORRINE YOUNG

11487 HWY 78

GIVENS HOT SPRINGS, ID 83641

Point of Diversion SENW S21 T01N R03W OWYHEE County Source GROUND WATER Tributary

Use: IRRIGATION 03/01 to 11/15 0.06 CFS

Use: IRRIGATION STORAGE 01/01 to 12/31 7 AF

Use: IRRIGATION FROM STORAGE 03/01 to 11/15 7 AF

Use: COMMERCIAL 01/01 to 12/31 0.2 CFS

Use: COMMERCIAL STORAGE 01/01 to 12/31 7 AF

Use: HEATING 10/01 to 05/01 0.2 CFS

Use: DOMESTIC 01/01 to 12/31 0.04 CFS

Use: DIVERSION TO STORAGE 01/01 to 12/31 0.2 CFS

Total Diversion: 0.2 CFS

Date Filed: 6/16/2010

Place Of Use: COMMERCIAL, COMMERCIAL STORAGE, DOMESTIC, IRRIGATION, IRRIGATION STORAGE, IRRIGATION FROM STORAGE, & HEATING

T01N R03W S21 NENW SENW

Total Acres: 2

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Wy, Boise ID 83705 together with a protest fee of \$25.00 for each application on or before 1/24/2011. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Interim Director

Published on 1/5 & 1/12/2011



SPF WATER
ENGINEERING

December 16, 2010

RECEIVED

DEC 16 2010

Kay Walker
IDWR Western Region Office
2735 Airport Way
Boise, ID 83705

WATER RESOURCES
WESTERN REGION

Subject: Application for Permit 57-11793

Dear Kay,

In response to your letter dated December 7, 2010, Mr. Young confirmed that the domestic well and artesian well will not be interconnected. Consequently, I will visit your office and remove the domestic well as a point of diversion on the application so that only one delivery system is proposed. Additionally, I will add "Diversion to Storage" use to the application to cover diversion of ground water to the ponds.

Per your request, check No. 2643 for \$125 is enclosed for artesian well's upgrade fee. Please let me know if there are any further questions. Thanks Kay.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Graves".

Lori Graves
Water Rights Specialist

Cc: Jack Young

Enclosures

SPF file number: 859.0010

\$125- rec'd W038899



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

December 7, 2010

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

SPF WATER ENGINEERING
ATTN: LORI GRAVES
300 E MALLARD DR SUITE 350
BOISE ID 83706

RE: Application for Permit 57-11793 – Jack &/or Corrine Young

Dear Lori:

We are in the process of reviewing the above application for water right permit and find we need a couple of items before we can continue processing.

1. We need the application amended to add a "Diversion to Storage" parameter since the wells are not located in the ponds.
2. We will also need well drilling upgrade fees since the wells were drilled under domestic drilling permits we will require an additional \$125.00 for each of the wells.
3. Will the wells be interconnected or completely separate systems? If interconnected, please describe how. If they are two separate systems you should probably file two application forms, one for each well and/or system.

Please submit the requested information for application processing to continue. You may seek additional time to provide the information by making a written request to delay or interrupt processing. A response, including the requested information or a request for more time to seek the information, must be received within thirty (30) days. The application will be voided without a timely written reply. No refunds of filing fees will be made for a voided application.

If you have any questions in regard to this matter, please feel free to contact our office at 334-2190.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

\$125- rec'd 12/16/2010 by S.B. W038899



SPF WATER
ENGINEERING

RECEIVED

June 15, 2010

JUN 16 2010

WATER RESOURCES
WESTERN REGION

Steve Lester
IDWR Western Region Office
2735 Airport Way
Boise, ID 83705

Subject: Application for Permit

Dear Steve,

Enclosed on behalf of Jack and Corrine Young is an Application for Permit for a new ground water right.

Check No. 2734 for \$100 is enclosed for the filing fee. Please let me know if there are any questions. Thanks Steve.

Sincerely,

Lori Graves
Water Rights Specialist

Cc: Jack and Corrine Young

Enclosures

SPF file number: 859.0010