

JUN 05 2014

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(s) Novitas Academy Phone 208-365-3437
 Name connector (check one) ☐ and ☐ or ☐ and/or
 Mailing address c/o Dr. Andy Sapp, PO Box 678 City Emmett
 State ID _____ Zip 83617 Email _____
2. Source of water supply Ground Water which is a tributary of Payette River
3. Location of point(s) of diversion:

TWP	RGE	SEC	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
7N	1W	34	1		NW	NW	Gem	Ground Water	Pond A
		33	4		NE	NE	Gem	Ground Water	Pond B

4. Water will be used for the following purposes:
 Amount 11.0 ac-ft for Aesthetic Storage purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
5. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) 11.0 acre feet per year (af).
6. Proposed diverting works:
 a. Describe type and size of devices used to divert water from the source. Pond A: 1/2 ac x 10' deep with sloped sides
Pond B: 1 ac x 15' deep with sloped sides
 b. Height of storage dam _____ feet; active reservoir capacity 8.0 acre-feet; total reservoir capacity 8.0 acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11. For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☒ No
 c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
 d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
 e. If well is already drilled, when? _____; drilling firm _____;
 well was drilled for (well owner) _____; Drilling Permit No. _____
7. Description of proposed uses (if irrigation only, go to item 8):
 a. Hydropower; show total feet of head and proposed capacity in kW. _____
 b. Stockwatering; list number and kind of livestock. _____
 c. Municipal; complete and attach the Municipal Water Right Application Checklist.
 d. Domestic; show number of households _____
 e. Other; describe fully. _____

8. 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. (see attached supplement sheet)

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
7N	1W	33	AS																
			L4																
		34						AS											
								L1											

Total number of acres to be irrigated: _____

9. 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?

None

10. 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:

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary.

The attached ET Idaho data for shallow ponds in the Emmett area indicates approximately 3.0 ac-ft evaporation will result from the ponds. Due to the ponds proximity to the Payette River and high ground water levels, seepage is not a factor. Proposed volume includes 8 ac-ft total pond volume plus 3.0 ac-ft evaporation. A factor of 0.4 was used to account for the ponds' sloped sides. Water District 65 Watermaster confirmed adequate rental pool water is available to cover the proposed use after June 15 of each year

12. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" 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.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

Signature of Applicant

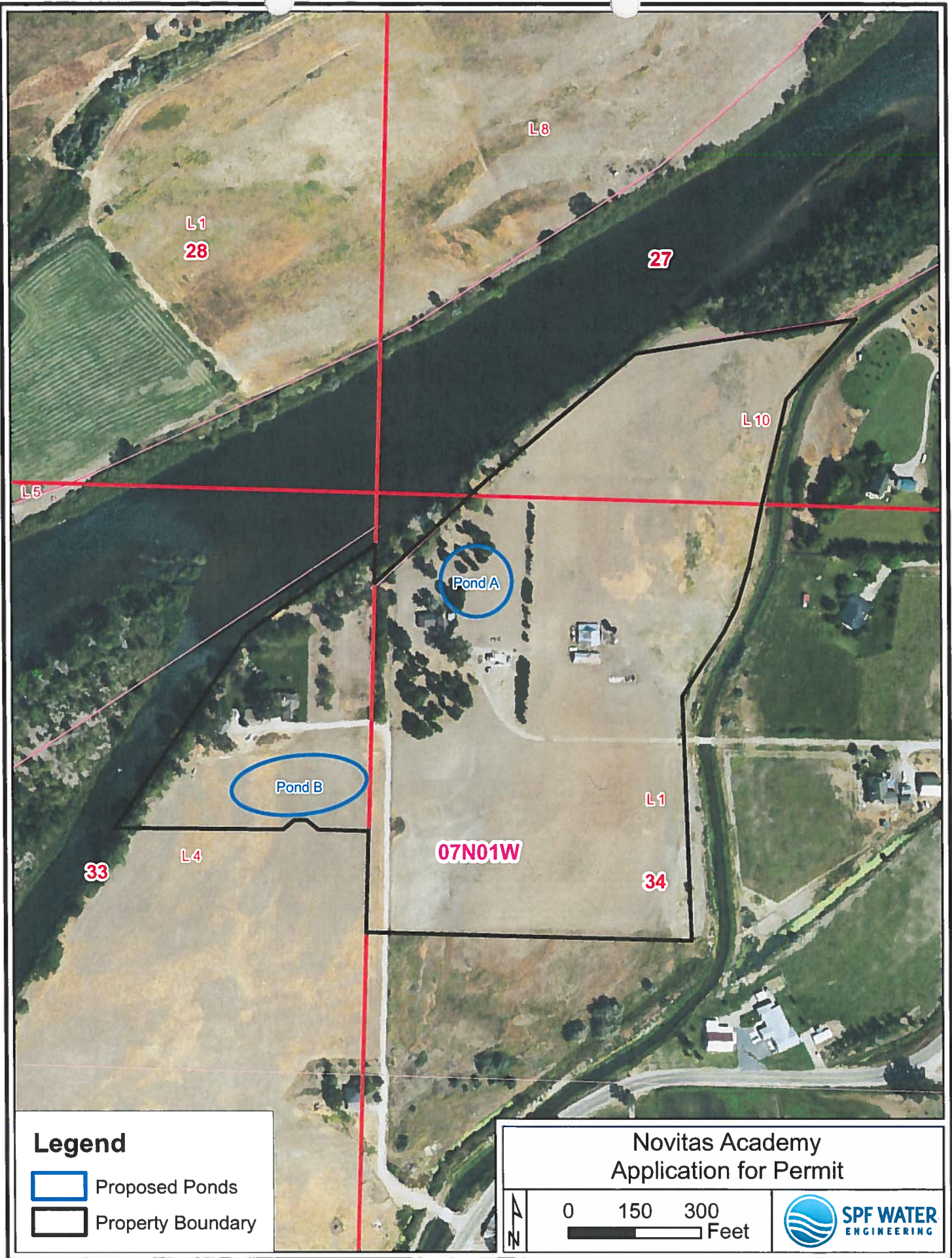
Print Name (and title, if applicable)

Print Name (and title, if applicable)

For Department Use:

Received by J. Strang Date 6-5-2014 Time 2:50pm Preliminary check by KW

Fee \$ 100.00 Received by J. Strang Receipt No. W042196 Date 6-5-2014



65-23588

ETIdaho data - Open water - shallow systems (ponds, streams)

Emmett 2 E (NWS - 102942)

<http://data.kimberly.uidaho.edu/ETIdaho/stcврstats.py?station=102942&cover=55&stats=Deficit>

28-May-14

	mm/day												growing season	annual	Total
Monthly ^a	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
days/mo	31	28	31	30	31	30	31	31	30	31	30	31	477	477	365 days/yr
monthly ET (mm)			19.84	55.2	80.6	96.9	126.48	109.12	63.3	31.31					582.75 mm/yr
monthly ET(ft)	0	0.000	0.065	0.181	0.264	0.318	0.415	0.358	0.208	0.103	0.000	0.000			1.91 af/yr

Expected annual pond evap

1.5 acres pond area

1.91 ft/yr pond evaporation during months with positive precipitation deficit

2.9 afy, annual pond evaporation requiring mitigation (1.5 x 1.91)

ET Idaho 2012 -- Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

Please send suggestions for improving this site to robison@kimberly.uidaho.edu Copyright 2012, University of Idaho.

Emmett 2 E (NWS -- 102942)

Statistics based on thirty year normal spans 1970 to 2010 years

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	Non Growing Season ^b	Annual
Mean ^j	mm/day												mm		
Monthly ^c	-1.06	-0.25	0.64	1.84	2.60	3.23	4.08	3.52	2.11	1.01	-0.70	-1.42	477	0	477
15-Day Moving Average ^d	-1.19	-0.39	0.66	1.79	2.58	3.30	4.14	3.47	2.03	1.09	-0.72	-1.37			
7-Day Moving Average ^e	-1.12	-0.32	0.65	1.80	2.58	3.25	4.12	3.49	2.04	1.03	-0.76	-1.36			
3-Day Moving Average ^f	-1.06	-0.26	0.64	1.84	2.58	3.22	4.09	3.52	2.08	1.01	-0.74	-1.39			
Standard Deviation ^k	mm/day												mm		
Monthly ^c	1.32	0.81	1.43	0.84	1.78	0.75	0.50	0.75	0.72	0.83	0.81	1.45	89	0	89
15-Day Moving Average ^d	1.39	1.13	1.29	0.96	1.68	1.07	0.46	0.72	1.00	0.85	1.13	1.34			
7-Day Moving Average ^e	1.68	1.41	1.55	1.38	2.10	1.58	0.64	0.94	1.36	1.27	1.54	1.89			
3-Day Moving Average ^f	2.09	1.81	2.12	1.99	2.69	2.22	0.97	1.21	1.78	1.71	2.11	2.68			
20% Exceedance ^l	mm/day												mm		
Monthly ^c	-0.41	0.48	1.24	2.46	3.62	4.00	4.37	3.91	2.62	1.48	-0.01	-0.54	563	0	563
15-Day Moving Average ^d	0.27	0.89	2.21	3.02	4.36	4.65	4.67	4.24	3.12	2.14	0.74	0.22			
7-Day Moving Average ^e	0.43	1.30	2.52	3.94	4.86	4.99	4.89	4.48	3.39	2.43	1.00	0.43			
3-Day Moving Average ^f	0.59	1.57	2.94	4.43	5.38	5.37	5.25	4.73	3.82	2.59	1.26	0.53			
80% Exceedance ^m	mm/day												mm		
Monthly ^c	-1.80	-0.96	0.34	1.13	1.58	2.54	3.70	3.23	1.74	0.59	-1.43	-2.40	410	0	410
15-Day Moving Average ^d	-2.87	-1.76	-1.18	-0.17	-0.18	1.27	3.14	2.35	0.59	-0.33	-2.70	-4.04			
7-Day Moving Average ^e	-5.47	-3.29	-3.24	-2.52	-2.27	-0.74	2.27	1.37	-1.39	-1.86	-4.47	-7.14			
3-Day Moving Average ^f	-7.94	-5.69	-3.81	-4.56	-6.25	-5.07	0.28	-0.72	-3.45	-5.25	-6.72	-12.74			
Ave Highest P _{def}	mm/day												--		
15-Day Moving Average ^g	0.12	0.44	1.52	2.59	3.61	4.17	4.45	3.89	2.78	1.75	0.37	0.09			
7-Day Moving Average ^h	0.32	0.99	2.17	3.39	4.42	4.71	4.69	4.26	3.22	2.13	0.75	0.29			
3-Day Moving Average ⁱ	0.49	1.30	2.72	4.01	4.96	5.14	5.00	4.52	3.56	2.36	1.06	0.44			
Ave Lowest P _{def}	mm/day												--		
15-Day Moving Average ^g	-1.98	-0.93	-0.13	1.03	1.49	2.34	3.74	3.04	1.33	0.32	-1.50	-2.50			
7-Day Moving Average ^h	-3.14	-1.96	-1.22	-0.25	-0.24	0.87	3.10	2.54	0.36	-0.79	-2.73	-4.17			
3-Day Moving Average ⁱ	-5.37	-3.64	-3.20	-2.18	-2.72	-1.66	1.78	1.37	-1.51	-2.62	-5.18	-7.55			
Special normal distribution parameters for monthly, seasonal, and annual intervals															
Skew ⁿ	-0.52	-1.03	-0.44	0.03	-0.42	-0.35	-0.19	-0.45	-1.78	-0.01	-0.75	-0.17	-0.38	0.00	-0.38
Kurtosis ^o	1.56	4.06	1.04	3.22	1.07	2.16	0.60	1.20	6.89	0.67	3.28	0.71	2.33	0.00	2.33

^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

Sommer, Rachel

From: Sommer, Rachel
Sent: Wednesday, September 10, 2014 1:36 PM
To: 'wd65@srvinet.com'
Subject: Application for Permit
Attachments: Application 65-23588.pdf

September 10, 2014

RON SHURTLEFF
WATER DISTRICT #65
102 N MAIN
PAYETTE, ID 83661

RE: Application for Permit No. 65-23588

Dear Watermaster:

The Idaho Department of Water Resources (IDWR) is seeking written comment and/or recommendations from you regarding the above referenced water right application. A copy of the application is enclosed with this email for your reference. Please review the application, complete a recommendation form, and submit your reply, if any, to this office by October 6, 2014.

IDWR will assume you do not object to this application if a timely response is not received. Please contact me if you have any questions in this matter. Thank you for your help.

Sincerely,

Rachel Sommer

Administrative Assistant
Dept. of Water Resources
Western Regional Office
2735 Airport Way, Boise ID 83705
Phone 208-334-2190 | Fax 208-334-2348
Email: rachel.sommer@idwr.idaho.gov

Sommer, Rachel

From: Sommer, Rachel
Sent: Wednesday, September 10, 2014 11:09 AM
To: 'LEGALS@IDAHOPRESS.COM'
Subject: Gem Legal Ad
Attachments: Gem Cover Letter.docx; Gem Legal Ad.docx

Good Morning,

Please see the attached ad for publication on 9/17/2014 & 9/24/2014.

Please confirm these are okay to publish as shown.

Thank you very much,

Rachel Sommer

Administrative Assistant
Dept. of Water Resources
Western Regional Office
2735 Airport Way, Boise ID 83705
Phone 208-334-2190 | Fax 208-334-2348
Email: rachel.sommer@idwr.idaho.gov

September 10, 2014

LEGAL NOTICE DEPARTMENT
MESSENGER INDEX
PO BOX 577
EMMETT, ID 83617

RE: Application For Permit No's: 65-23588, 65-23589

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 10/6/2014. Your cooperation is appreciated.

Sincerely,

Rachel Sommer
Administrative Assistant

Enclosures

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

65-23588

NOVITAS ACADEMY

C/O ANDY SAPP

PO BOX 678

EMMETT, ID 83617

Point of Diversion L1(NWNW) S34 T07N R01W GEM County Source GROUND WATER Tributary PAYETTE RIVER

Point of Diversion L4(NENE) S33 T07N R01W GEM County Source GROUND WATER Tributary PAYETTE RIVER

Use: AESTHETIC STORAGE 01/01 to 12/31 11 AF

Total Diversion: 11 AF

Date Filed: 6/5/2014

Place of Use: AESTHETIC STORAGE

T07N R01W S33 L4(NENE)

T07N R01W S34 L1(NWNW)

65-23589

NOVITAS ACADEMY

C/O ANDY SAPP

PO BOX 678

EMMETT, ID 83617

(2)Points of Diversion L1(NWNW) S34 T07N R01W GEM County Source GROUND WATER

Use: DOMESTIC 01/01 to 12/31 0.11 CFS

Use: IRRIGATION 03/01 to 11/15 0.45 CFS

Use: FIRE PROTECTION 01/01 to 12/31 3.35 CFS

Total Diversion: 3.91 CFS

Date Filed: 6/5/2014

Place of Use: DOMESTIC, IRRIGATION, FIRE PROTECTION

T07N R01W S27 L10(SWSW)

T07N R01W S33 L4(NENE)

T07N R01W S34 L1(NWNW)

Total Acres: 26

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Western Region office at (208) 334-2190; or for a full description of the right(s), please see www.idwr.idaho.gov/apps/ExtSearch/WRFiling.asp. 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 Way, Boise ID 83705 together with a protest fee of \$25.00 for each application on or before 10/6/2014. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 9/17/2014 and 9/24/2014



RECEIVED

AUG 13 2014

August 11, 2014

WATER RESOURCES
WESTERN REGION

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

*Subject: Water Right Permit Applications 65-23588 & 65-23589 – Novitas Academy
SPF Project No.: 1091.0020*

Dear Kay,

This letter is a response to your correspondence dated July 17, 2014. In your letter, you requested additional information to clarify and support two *Applications for Permit* listed above. Our response on behalf of the Novitas Academy is provided in the order requested.

1. *What is Andy Sapp's title or position in the Novitas Academy?*

Dr. Andy Sapp is the owner and operator of the facility.

2. *Why are you filing on an excess rate (0.06 cfs/acre) for some acres if the well is just to supplement the Last Chance Ditch Company water?*

Per Application Processing Memo No. 60, the Department accepts higher diversion rates/acre in certain instances, including applications for schools. Shorter irrigation windows are practical for school grounds and result in fewer conflicts with students, parents, and sports field users. These irrigation windows may occur during times when surface water may not be available such as evenings, early mornings and/or weekends.

3. *We need some information showing there is enough water available for the proposed flow rate of 3.91 cfs.*

SPF reviewed available well drillers' reports in the area of the proposed wells to assess the likelihood of drilling productive wells on the property with adequate capacity to provide 3.91 cfs for domestic, irrigation and fire protection uses proposed on application 65-23589. Most local wells are relatively shallow, with small diameter casing constructed to obtain domestic yields of less than 50 gpm. However, larger diameter wells with higher capacities have been constructed in the area. Reports were reviewed for 12 high-capacity wells shown in Figure 1. Information about the wells is summarized in **Error! Reference source not found.** Total depths for the 12 wells range from 40 to 535 feet, with an average depth of 155 feet.



Table 1: Area Wells with Production 200 GPM or Greater

Map No.	Contact	Const. Date	Total Depth	Address	Drilling Co.	Twp	Rng	Sec	Tract	Use	Csg. Dia.	GPM	Static Water Level
1	JIM STEPHENS	39386	117	2387 WATER WHEEL RD	PRECISION WELL DRILLING	06N	01W	4	NESW	Domestic	10	300+	7
2	CITY OF EMMETT	35618	55	CITY PARK	BILL DOTY DRILLING	06N	01W	7	NENE	Irrigation	8	500	14
3	CITY OF EMMETT	26784	202		RUSSELL COWE DRILLING	06N	01W	7	NENE	Municipal	24	2280	19
4	CITY OF EMMETT	24970	207		WAYNE STEVENS	06N	01W	7	SWNE	Municipal	16	2000	14
5	GEM COUNTY	36082	133	N BOISE AVE	PHIPPS WELL DRILLING	06N	01W	7	NWNW	Irrigation	10	350	5
6	L & C CONTRACTORS	23482	65		KNIE DRILLING	06N	01W	8	SWNE	Domestic	4	200	18
7	EMMETT INDEP SCHOOL DIST	36422	535	12TH STREET	RIVERSIDE INC	06N	01W	8	SESE	Municipal	18	1850	18
8	EMMETT INDEP SCHOOL DIST	34957	92	12TH ST & MILL ST	PHIPPS WELL DRILLING	06N	01W	18	NENW	Irrigation	10	450	3
9	FRANK D CALLENDER	25701	40		DRISCOLL WELL DRILLING	06N	02W	1	NESE	Municipal	8	400	5
10	SHEPPARD WOOD VAN & STORAGE	33476	145	2115 SHILLER RD	PETE COPE DRILLING	06N	02W	13	NESE	Fire Prot	16	2200	8
11	GEM COUNTY GOLF ASSN	39641	160	2102 SALES YARD RD	WATER PRO WELL DRILLING	06N	02W	14	SESE	Irrigation	8	300	5
12	LARRY SAWYER	38867	103	1845 SALESYARD RD	POST WELL DRILLING	06N	02W	24	NWNW	Irrigation	8	200	17

The four largest diameter wells in Table 1 are each capable of production rates in excess of 3.91 cfs (1,755 gpm). These wells are two City of Emmett municipal wells (16-inch and 24-inch casings), an Emmett School District well (18-inch casing), and the Sheppard Wood Van & Storage well (16-inch casing). Copies are attached. Based on these productive, large-diameter wells, the target production zones for the proposed Novitas Academy well will be 100 to 250 feet below ground surface. These well driller reports suggest that there will be sufficient cold ground water available at the site to support the proposed 3.91 cfs pumping rate.

Please contact us with any questions.

Sincerely,



Lori Graves



Terry M. Scanlan, P.E.

Cc: Andy Sapp – Novitas Academy
Jeremy Putman – neUdesign Architecture, LLC

File: 1091.0020

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

Received
1-3-73
D H

[illegible]

2
REPORT OF WELL DRILLER
State of Idaho

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:

Name Emmett City Well

Address _____

Owner's Permit No. _____

NATURE OF WORK (check): Replacement well ☐

New well ☒ Deepened ☐ Abandoned ☐

Water is to be used for: City

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☒

Dug ☐ Other _____

(explain)

CASING SCHEDULE: Threaded _____ Welded _____

16" Diam. from 0 ft. to 164 ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

Thickness of casing: _____ Material: _____

Steel ☒ concrete ☐ wood ☐ other ☐

(explain)

PERFORATED? Yes ☐ No ☐ Type of

perforator used: _____

Size of perforations: _____" by _____"

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

WAS SCREEN INSTALLED? Yes ☐ No ☐

Manufacturer's name Johnson's St. Paul, Minn.

Type Stainless Steel Model No. _____

Diam. 12" Slot size 40 Set from 264 ft. to 204 ft.

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION: Well gravel packed? Yes ☐

No. ☐ size of gravel _____ Gravel

placed from _____ ft. to _____ ft. Surface seal

provided? Yes ☐ No ☐ To what depth?

_____ ft. Material used in seal: _____

Did any strata contain unusable water? Yes ☐

No. ☐ Type of water: _____

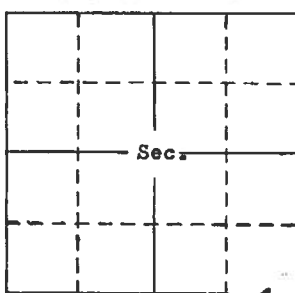
Depth of strata _____ ft. Method of sealing

strata off: _____

Surface casing used? Yes ☐ No. ☐

Cemented in place? Yes ☐ No ☐

Locate well in section



LOCATION OF WELL: County Sevier
SW 1/4 NE 1/4 Sec. 7 T. 6 N. R. 1 W

SW 1/4 NE 1/4

Use other side for additional remarks

Size of drilled hole: 16" Total

depth of well: 207' Standing water

level below ground: 14' Temp. _____

Fahr. Cold ° Test delivery: 2000 gpm

or _____ cfs Pump? ☐ Bail ☐

Size of pump and motor used to make test: _____

10" 4 stage 150' setting 126 H.P. G.M.C.

Length of time of test: _____ Hrs. _____ Min.

Drawdown: 70 ft. Artesian pressure: ft.

above land surface _____ Give flow _____ cfs

or _____ gpm. Shutoff pressure: _____

Controlled by: Valve ☐ Cap ☐ Plug ☐

No control ☐ Does well leak around casing?

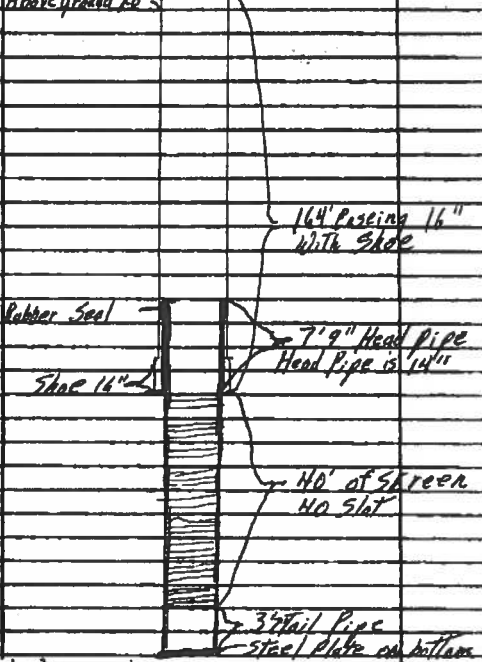
Yes ☐ No ☐

0731C0

DEPTH MATERIAL WATER
FROM TO YES OR NO

FEET	FEET		
0'	7'	Top Soil	No
7'	68'	Coarse Sand & Gravel Some	yes
		small layers of clay	
68'	109'	Coarse Blue Sand	yes
109'	159'	Blue Clay	No
159'	205'	Very Coarse Sand & Gravel	yes
		Set screens in this strata	
205'	215'	Blue Clay, sand at 215'	No

Above ground 26' 5"



Work started: _____

Work finished: May 12, 68

Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.

Name: Wayne E. Stevens

Address: 3409 Hawthorne

Signed by: Wayne E. Stevens

License No. 62 Date: May 12, 68

USGS

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT 058798

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

1. WELL TAG NO. D 000 9880
DRILLING PERMIT NO. 65-99-WG181-000
Other IDWR No. WR 65-13805

2. OWNER:
Name Independent School Dist. #201
Address 601 E 2nd St.
City Emmett State ID Zip 83601

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
W
E
S
Twp. 6 North ☒ or South ☐
Rge. 1 East ☐ or West ☒
Sec. 8 1/4 SE 1/4 SE 1/4
Gov't Lot _____ County Gem
Lat: _____ Long: _____
Address of Well Site 12th Street
City Emmett

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 Reverse

7. SEALING PROCEDURES

SEAL/FILTER PACK		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
Bentonite	0	314	53,000	Overbore
Filter Sand				
Graded Silica	350	535	24,300	Overbore

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	Threading
18"	1.2	314'	.375	Steel	☒	☐	☒	☐
10"	410'	420'	.315	Steel	☒	☐	☒	☐
10"	420'	485'	.315	Steel	☐	☐	☐	☐

Length of Headpipe 25' Length of Tailpipe 10'

9. PERFORATIONS/SCREENS

Perforations

Method

☒ Screens

Screen Type Whisper Wire-wrap

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
375	410	.040		10"	S.S.	☒	☐
420	435	.040		10"	S.S.	☐	☐
435	440	f.w.		10"	S.S.	☒	☐
440	450	.030		10"	S.S.	☒	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

18 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: 1 1/2" capped pipe

11. WELL TESTS:

☒ Pump ☐ Baller

☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
1850		92'	Lo HRS

Water Temp. 66.5° Bottom hole temp. _____
Water Quality test or comments: 240 mmhes

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
28	0	9	Top Soil		
	9	54	River Gravel & Coarse Sand		
	54	150	Clay & Sand Strs		
	150	179	Coarse Blue Sand		
	179	190	Blue & Gray Clay		
	190	205	Coarse Sand		
	205	220	Sand & Clay Strs		
	220	270	Coarse Sand & Clay Strs		
	270	292	Coarse Sand & Clay Strs		
	292	300	Coarse Sand & Sm. Gravel		
28	300	314	Blue Clay Strs Sand		
18	314	376	Coarse Sand & Clay		
	376	410	Coarse Blue Sand		
	410	420	Sandy Blue Clay		
	420	469	Coarse Sand & Gravel		
	469	482	Gray Clay		
	482	488	Coarse Sand		
	488	485	Clay & Sand		
	485	485	Green Clay Strs Sand		
	485	485	Coarse Sand Strs Clay		
	485	535	Coarse Blue Sand		
18	535	535	Clay		

RECEIVED

OCT 04 1999

Department of Water Resources

MICROFILMED

NOV 30 1999

Completed Depth 535' (Measurable)
Date: Started 7-19-99 Completed 9-19-99

13. DRILLER'S CERTIFICATION

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

Company Name Riverside, Inc. Firm No. 333

Firm Official _____ Date _____

and _____

Driller or Operator _____ Date 10-1-99

(Sign once if Firm Official & Operator)

Abstract

Twp 6N Rge 1W Sec 8

1/4 SE 1/4 SE 1/4

Lat: : : Long: : :

FORWARD WHITE COPY TO ~~WATER~~ RESOURCES

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT



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

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

July 17, 2014

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

RE: Applications for Permit Nos. 65-23589 & 65-23588 in the name of Novitas Academy

Dear Lori:

We are in the process of reviewing the above applications for permit and find we need additional information before we can go any further.

The applications have been signed by Andy Sapp. What is his title or position in the Novitas Academy? This information was not included with the applications when submitted.

On Application 65-23589 for domestic, irrigation and fire protections purposes:

1. Why are you filing on an excess rate (0.06 cfs/acre) for some acres if the well is just to supplement the Last Chance Ditch Company water?
2. Most of the water under this application is for fire protection purposes, however, we need some information showing that there is enough ground water available for the proposed flow rate of 3.91 cfs.

Please respond to the above information within the next 30 (thirty) days for processing to continue. You may seek additional time to provide the information by making a written request to interrupt processing for up to six months. Your response or a request for more time to seek the information must be received by August 17, 2014. The applications may be voided without a timely written reply.

If you have any questions or concerns regarding this matter, please do not hesitate to contact me.

Sincerely,

KAY WALKER
Sr. Water Resource Agent



SPF WATER
ENGINEERING

June 4, 2014

RECEIVED

JUN 05 2014

WATER RESOURCES
WESTERN REGION

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

Subject: Applications for Permit (2)

Dear Steve,

Enclosed on behalf of Novitas Academy, are two *Applications for Permit* seeking authorization to appropriate ground water for uses at a new boarding school.

Check No.1595 for \$470 is enclosed for the filing fees; \$100 for the application proposing aesthetic storage and \$370 for the application proposing domestic, irrigation and fire protection uses. Thank you very much for your consideration and assistance in this matter. Please call me if you have any questions.

Sincerely,

Lori Graves
Water Rights Specialist

Cc: Dr. Andy Sapp
Jeremy Putman, neUdesign Architecture, LLC

Enclosures

SPF file number: 1091.0020