

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED**JUN 18 2014****DEPARTMENT OF
WATER RESOURCES**

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 22-139181. Owner Curlew Partners, LLLPPhone No. 408-930-1966Current address 22050 Regnart Rd., Cupertino, CA 950142. Examiner's name Scott KingEXAM DATE 10/21/20133. Accompanied by Greg Young

Email _____

Address same as aboveRelationship to permit holder Member of Curlew Partners, LLLPPhone No. same4. Source Ground Water

tributary to _____

B. OVERLAP REVIEW1. Other water rights with the same place of use None2. Other water rights with the same source and point of diversion License 22-7641, Permit 22-13917**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	1/4	1/4	1/4	Sec	Twp	Rge	County	Method of Determination/Remarks
1			SW	NE	17	4N	45E	Teton	Field Exam, Aerial Photo, GPS

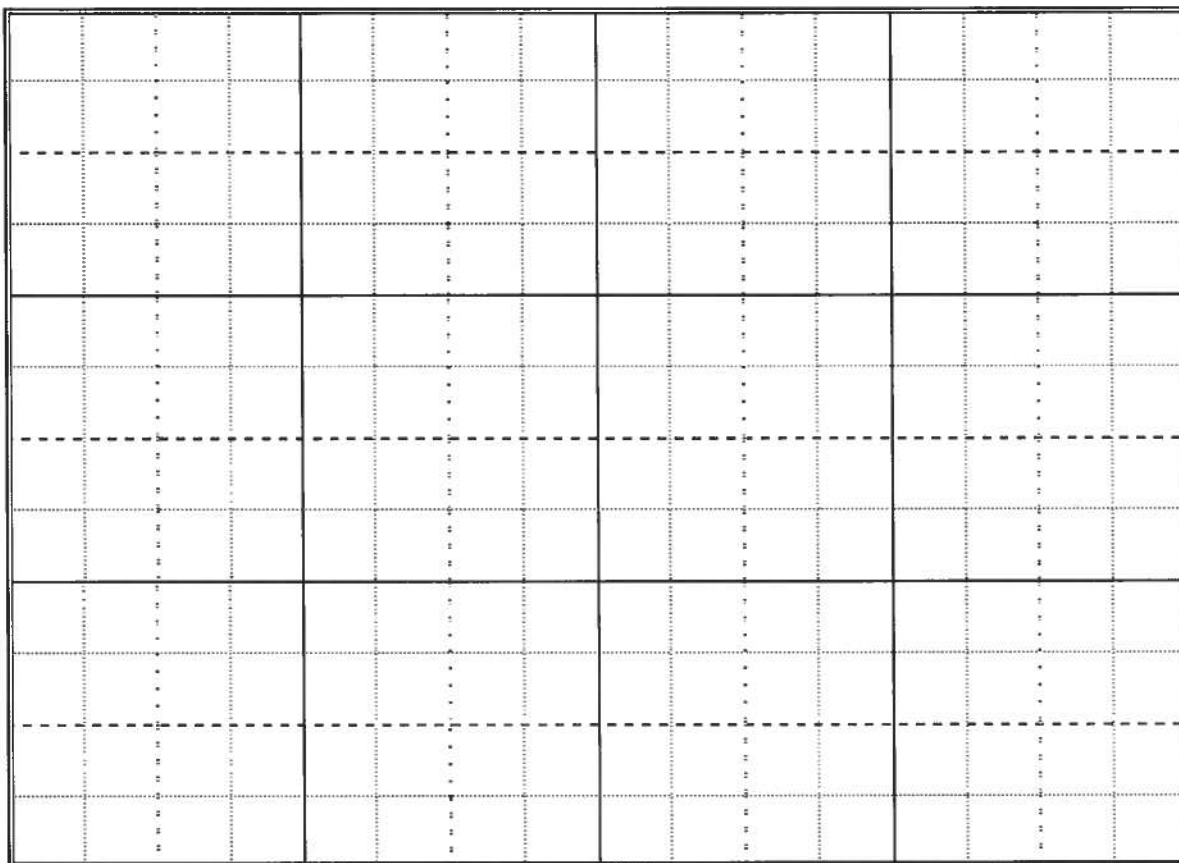
2. Place(s) of Use:

Method of determination Field Exam, Aerial Photo

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	45E	17	3	25	21														49
				X															

X = Wildlife Storage Use

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.



Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (**required**)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Young Well (D0004526)	unknown	60	unknown	Goulds	7CHC (4-stage) submersible

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
GE TransPort	Ultrasonic	GE	PT878	7140	various	March 27, 2013

2. **Measurements:** _____

Measured discharge with portable ultrasonic flowmeter. Ten-minute average was 519 gpm (1.16 cfs). Discharge pressure was 44 psi.

E. NARRATIVE/REMARKS/COMMENTS

Ten-inch diameter well equipped with 60-hp submersible pump with variable speed drive supplies water for License 22-7641 and Permits 22-13917 and 22-13918. Irrigation use under Permit 22-13918 includes 49 acres as depicted on the attached maps. Combined, Permits 22-13918 and 22-13917 provide irrigation water to 54 acres, which is relevant to the mitigation discussion provided below. Wildlife storage use includes three ponds totaling 8.5 acres in surface area.

Discharge was measured in the well house with SPF's portable ultrasonic flowmeter. The permit owner has also installed a permanent flowmeter. The permanent flowmeter was reading within 1% of SPF's flowmeter. Pump information, including capacity curve, is attached.

The following rights are diverted from this well:

Licensed right 22-7641 provides 0.1 cfs for domestic and recreational and aesthetic storage uses. Domestic use includes of irrigation of lawn and garden not to exceed 0.5 acres. This right can be diverted from the well described in this report, and also from a separate well located approximately 300 feet east-northeast.

Permit 22-13917 provides 0.1 cfs for irrigation of 5 acres.

Permit 22-13918 provides 1.1 cfs for irrigation (49 acres) and for wildlife storage use.

Wildlife storage volume under Permit 22-13918 is based on the combination of storage capacity (22.6 acre-feet) and consumptive evaporative losses (14 acre-feet per year). Consumptive use is calculated using ETIdaho 2012 database for the Driggs climate station, shallow open water systems, for months with positive precipitation deficit (Pdef) evaporative losses. ETIdaho demonstrates that annual evaporative losses are 1.65 feet per year, less than the 2.50 feet per year used in the mitigation plan upon which this permit is based. ETIdaho and pond capacity calculations are attached.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

The permit holder placed licensed and decreed irrigation water right 31-2327B into the Water Supply Bank on 2/12/2004 for mitigation purposes. License 31-2327B authorizes the irrigation of 70 acres. The mitigation obligation from the combined irrigation and storage uses under Permits 22-13917 and 22-13918 is 61 acres (54 irrigated acres and 7 acres of pond evaporation).^{*} Accordingly, a 9-acre portion of License 31-2327B is surplus to the mitigation requirement.

^{*}Evaporation from the 8.5 acres of ponds is being mitigated by ceasing irrigation ground water pumping in Basin 31, where the consumptive water use of 1 acre of cropped land is equivalent to 1.2 acres of pond evaporation in Basin 22. (8.5/1.2=7.08)

F. FLOW CALCULATIONS☒ Additional computation sheets attached

Measured Method:

Measured with portable ultrasonic flowmeter. Ten-minute average flow is 519 gpm (1.16 cfs)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I,R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 49 \text{ acres} \times 3.5 \text{ afa} = 171.5 \text{ afa}$$

$$V_{D,R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.98 \times 200 \times 1.9835 = 388.8 \text{ afa}$$

$$V = \text{Smaller of } V_{I,R} \text{ and } V_{D,R} = 171.5 \text{ afa}$$

2. Volume Calculations for Other Uses:

Wildlife Storage: Pond Storage Capacity Volume = 22.6 afa

Pond Consumptive Use (PDef) = 14 afa

Total Wildlife Storage = 36.6 afa

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4/15	10/31	0.98 cfs	171.5 afa
Wildlife Storage	1/1	12/31		36.6 afa
Diversion to Storage	4/15	10/31	1.1 cfs	
Totals:			1.1 cfs	208.1 afa

2. Recommended Amendments

- ☐ Change P.D. as reflected on page 1
 ☐ Add P.D. as reflected on page 1
 ☒ None
☐ Change P.U. as reflected on page 1
 ☐ Add P.U. as reflected on page 1
 ☐ Other

I. AUTHENTICATION

Field Examiner's Signature

Scott N. King

Date

June 16, 2014

Reviewer

Date



ATTACHMENT A

PERMIT RECORD AND PROOF OF BENEFICIAL USE

[Close](#)

IDAHO DEPARTMENT OF WATER RESOURCES

Water Permit Report

10/9/2013

WATER RIGHT NO. 22-13918

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	CURLEW PARTNERS LLLP GREGORY YOUNG 22050 REGNART RD CUPERTINO, CA 95014 (408)366-0581
Attorney	JOHN M MARSHALL GIVENS PURSLEY LLP 601 W BANNOCK PO BOX 2720 BOISE, ID 83702 (208)388-1200

Priority Date: 04/01/2002

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/15	10/31	0.98 CFS	
WILDLIFE STORAGE	01/01	12/31		21 AFA
DIVERSION TO STORAGE	04/15	10/31	1.1 CFS	
Total Diversion			1.1 CFS	

Location of Point(s) of Diversion:

GROUND WATER|SWNE|Sec. 17|Township 04N|Range 45E|TETON County

Place(s) of use:

Place of Use Legal Description: IRRIGATION TETON County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
04N	45E	17		NENE	7		NWNE	29		SWNE	13			

Place of Use Legal Description: WILDLIFE STORAGE TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	17		NENE			NWNE			SWNE				

Total Acres: 49

Conditions of Approval:

- 1.068 This permit does not authorize the construction of any new well. The 963 foot deep well to be used under this right is known as the Young well, is cased and sealed from all shallower aquifer units, and taps a water bearing zone between 930 and 963 feet below ground level.
- 2.01M After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.
- 3.046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
- 4.048 The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
5. Water shall not be diverted or stored under this right until the applicants provide mitigation by formally placing Right 31-2327B into the Water Supply Bank or notifying the department that they have permanently abandoned Right 31-2327B.
- 6.R63 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.

Dates:

Proof Due Date: 08/01/2008
 Proof Made Date: 06/23/2008
 Approved Date: 08/09/2002
 Moratorium Expiration Date:
 Enlargement Use Priority Date:
 Enlargement Statute Priority Date:
 Application Received Date:
 Protest Deadline Date:
 Number of Protests: 0
 Field Exam Date:
 Date Sent to State Off:
 Date Received at State Off:

Other Information:

State or Federal:
 Owner Name Connector:
 Water District Number: 01
 Generic Max Rate per Acre: 0.02
 Generic Max Volume per Acre: 3.5
 Swan Falls Trust or Nontrust: N
 Swan Falls Dismissed:
 DLE Act Number:
 Cary Act Number:
 Mitigation Plan: True

Close

RECEIVED

JUN 23 2008

DEPARTMENT OF
WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY
Amt. of Fee \$: 125.00
Receipt No. 0867175
Receipt By: WJ
Date Received: 6/19/08

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has completed all work that will occur for the development of a water right and that water has been applied to beneficial use(s) to the extent described below. This form must be accompanied by a license examination fee, when necessary, or accompanied by a completed Beneficial Use Field Report prepared by a certified water right examiner. If you no longer own the property and want to convey this permit to the new owner, please complete an Assignment of Permit form and send it to the Department with a \$25.00 filing fee. Assignment forms are available from any Department office or at www.idwr.idaho.gov.

1. Permit No. 22-13220 Telephone No. 408-366-0581
2. Name of Permit Holder(s): JRG PARTNERS II
3. Mailing Address: 22050 Regnant Road City Cupertino
State CA Zip 95014 Email: gsyoung@tetoncap.com
4. Source of Water: Groundwater If GROUND WATER (well), Date Drilled: mo. 3 / yr. 2000
Well Driller: Andrew Well Drilling Drilling Permit Number: Unknown
22-98-E-2010-200
5. Extent of use(s) completed (as authorized by the water right permit):
Domestic (No. of households): _____ Stockwater (No. and type of stock): _____
Irrigation (No. of acres): 54 Other: _____
6. Total rate of diversion or storage volume for which proof is submitted: 1.2 cfs OR 21 acre-feet.
7. Compliance with a Measuring Device requirement and/or other Conditions of Permit: (Refer to the approval conditions on your permit and respond accordingly.)

Measuring Device: Is a measuring device required?
If yes, has the measuring device been installed?

Yes ☐ or No ☒
Yes ☒ or No ☐

Conditions of Permit: Does your permit require you to submit additional information in connection with your proof of beneficial use? (If yes, please list the conditions below and provide documents if necessary.)

Completed?

Yes ☐ or No ☒
Yes ☐ or No ☒

8. Fee Enclosed: \$ 125 (See Fee Schedule on back of the instructions for filing proof of beneficial use. Proofs filed without an appropriate fee, will be considered incomplete.)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Gregory S Young Telephone Number: _____
Mailing Address: 22050 Regnant Road City Cupertino
State CA Zip 95014 Email: gsyoung@tetoncap.com

10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to a beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

Signature of permit holder: _____

(include your title, if on behalf of company or organization)

Date: 6-19-2008

ATTACHMENT B

WELL DRILLERS' REPORTS AND PUMP CURVES

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT
Use Typewriter or Ballpoint penOffice Use Only
Inspected by: _____
Twp _____ Rge _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat: : : Long: : :

DRILLING PERMIT NO. 22-98-E-0010-200

Other IDWR No. Tag #: D0004526

2. OWNER:

Name: JRG Partners

Address: 335 South 350 West

City: Driggs State: Idaho Zip: 83422

3. LOCATION OF WELL by legal description:

N			
S			

TWP. 4 North ☒ Or South ☐
Rge. 45 East ☒ Or West ☐
Sec. 17, 1/4, SW 1/4, SE 1/4
10 Acres 40 Acres 160 AcresGov't Lot _____ County: Teton
Lat: : : Long: : :

Address of Well Site: 335 South 350 West

City: Driggs

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

Lot No. _____ Block No. _____ Subd. Name: _____

APR 20 2000

4. USE:

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

Department of Water Resources

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/FILTER PACK			AMOUNT	Method
Material	From	To	Sacks/Pounds	
Cement	0	182	9400#	Tremic/
				Extract
				Casing

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Dia	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
10	0	844	.375	Steel	☒	☐	☒	☐
8	+2	933	.312	Steel	☒	☐	☒	☐
					☐	☐	☐	☐

Length of Headpipe: _____ Length of Tailpipe: _____

9. PERFORATIONS/SCREENS:

☐ Perforations Method: _____☐ Screens Screen Type: _____

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

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

26 ft below ground Artesian Pressure: _____ lb

Depth flow encountered: _____ ft Describe access port or

control devices: Well Cap

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐

Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
400	78ft	104ft	72 hr

Water Temp. 58° Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encountered: _____ ft

Completed Depth: _____ Ft. (Measurable)

Date Started: _____ Completed: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
16	0	105	Silty Clay		X
	105	125	Fine Sand		X
	125	155	Clay w/some Fine Sand		X
	155	160	Sand	X	
	160	175	Clay		X
	175	180	Sand	X	
	180	182	Clay	X	
10	182	210	Clay		X
	210	211	Thin Gravel		X
	211	243	Silt and Clay		X
	243	245	Gravel	X	
	245	280	Clay		X
	280	285	Small gravel & Sand		X
	285	350	Silt and Clay w/some Matrix Sand & Gravel		X
	350	361	Sand & Gravel	X	
	361	430	Silt & Clay		X
	430	438	Very Dense Clay		X
	438	488	Clay w/Some Gravel		X
	488	507	Sand & Small Gravel	X	
	507	520	Silt & Clay		X
	520	963	See Page 2		

Completed Depth: 963 Ft. (Measurable)

Date Started: 04/15/98 Completed: 11/30/99

13. DRILLER'S CERTIFICATION:

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

Firm: ANDREW WELL DRILLING SERVICES, ETC. Firm: #5

Firm Official: _____ Date: 3/28/00

Supervisor/Operator: _____ Date: 3/28/00

Sign once if Firm Official & Operator

Submersible

Selection list: ---

Search Criteria:

Flow: 400 US gpm
Head: 398 ft
Tolerance: --- % of head

Fluid: Water

Temperature: 60 °F
SG: 1
Viscosity: 1.105 cP
Vapor pressure: 0.2563 psi a
Atm pressure: 14.7 psi a

NPSHa: --- ft

Advanced Criteria:

Preferred Operating Area: ---
Secondary Operating Point: ---
Max temperature: --- °F
Max suction pressure: --- psi g
Max sphere size: --- in
Max power: --- bhp
Max suction specific speed: --- (Nss)
Min trim: --- % of max diameter
Min head rise: --- % to shutoff

Curve Corrections: none

Catalog: Goulds Sub 60Hz vers 2.03

Pump: 7CHC (4 stages)

Type: Submersible
Synch speed: 3600 rpm
Speed: 3450 rpm
Dia: 5 in
Curve no.: E3039-2

Specific Speeds

Ns: 2300 Nss: ---

Dimensions:

Suction: --- in Discharge: --- in

Vertical Turbine:

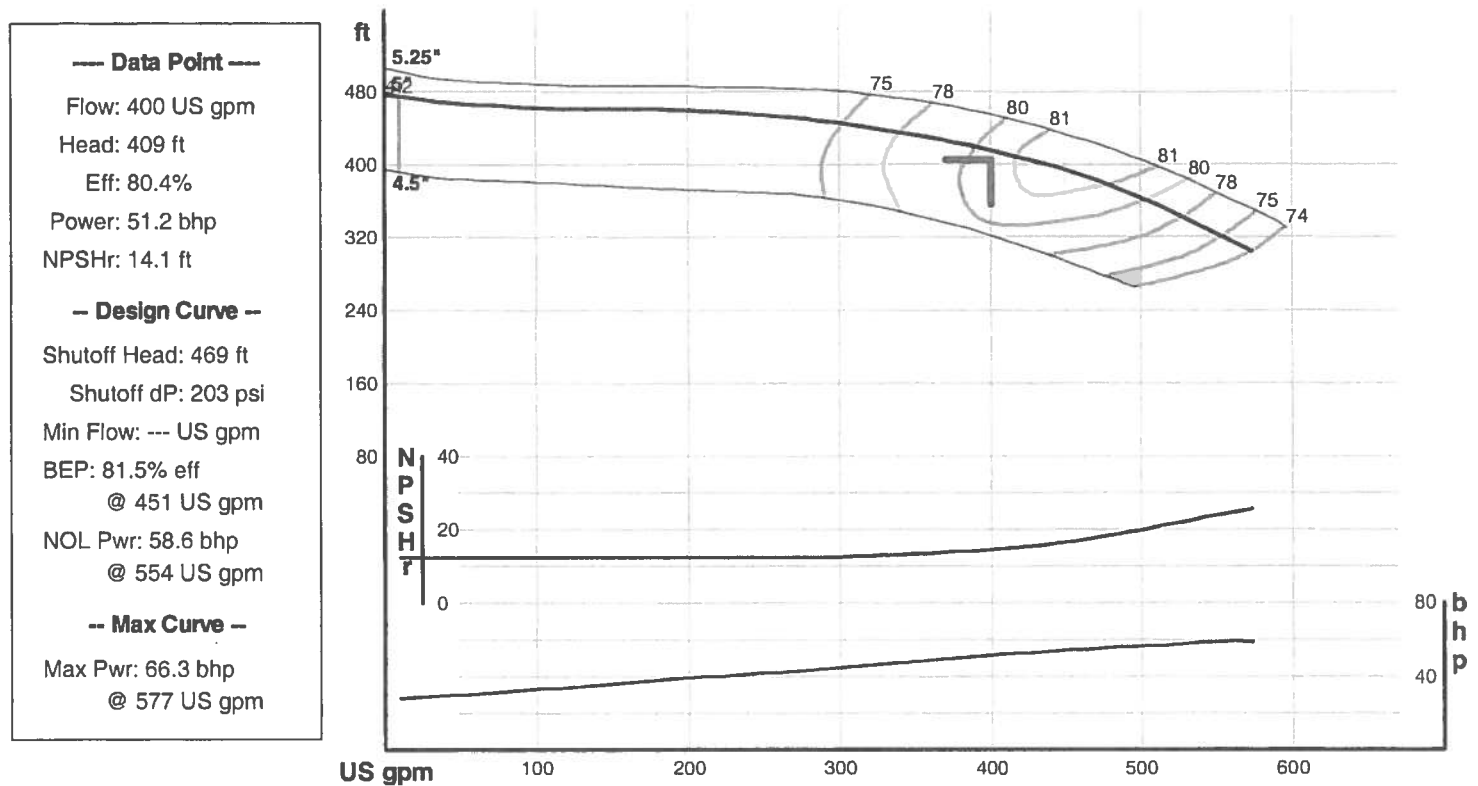
Bowl size: 7.13 in
Max lateral: 0.5 in
Thrust K factor: 3.5 lb/ft

Pump Limits:

Temperature: 120 °F
Pressure: 415 psi g
Sphere size: 0.43 in
Power: --- bhp

Motor: 60 hp

Speed: 3600
Frame: "6"
Standard: NEMA
Enclosure: SUB
Sizing criteria: Max Power on Design Curve



Pump note: Suction Size-5" Discharge Sizes-5",6"

ATTACHMENT C
TOPO MAP AND 2011 AERIAL PHOTO

T4N R45E SEC 17

Legend

● pod

▨ Wildlife Storage pou

▨ Irrigation pou

SESW

SWSE

Outlet Pond

West Pond

Foster Pond

3 Acres

NENW

NWNE

25 Acres

NENE

NWNW

SE NW

SWNE

21 Acres

Lower pond covered under
22-7641 & 22-7660

SENE

SWNW

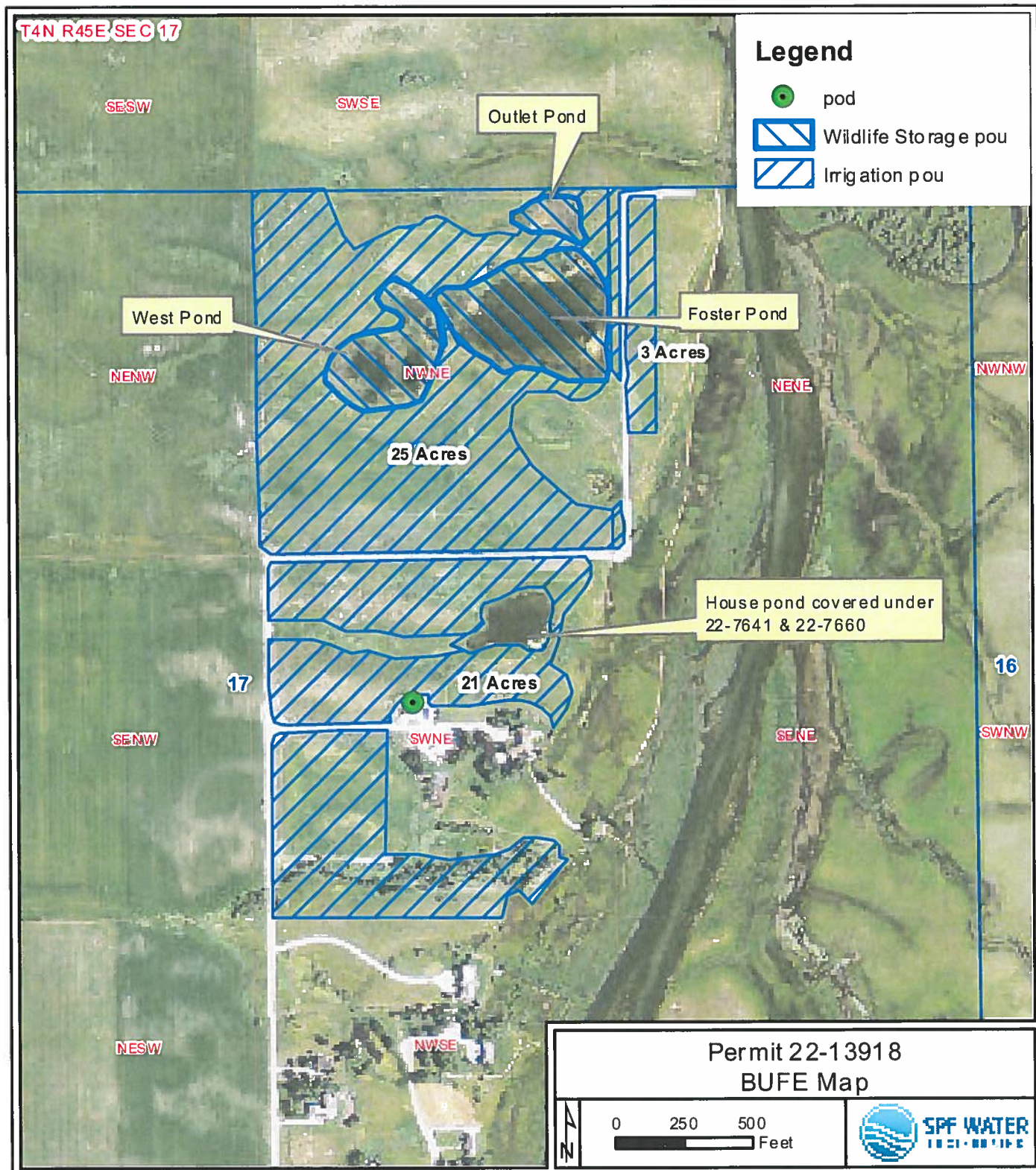
NESW

NWSE

Permit 22-13918
BUFE Map

0 250 500
Feet





ATTACHMENT D
PHOTOS



Figure 1: Well



Figure 2: Plumbing in well house.



Figure 3: SPF ultrasonic flowmeter was installed on this pipe.



Figure 4: Pump control panel on right.



Figure 5: Wheel line along Foster Road.

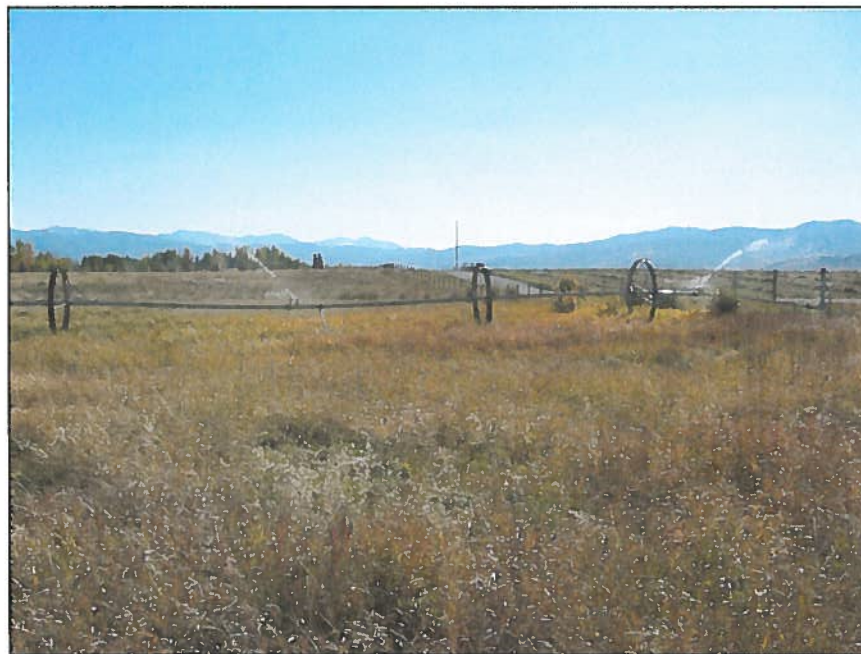


Figure 6: Photo taken near the NW corner of SWNE facing south.



Figure 7: Photo taken near SW corner NWNE facing NE towards home and shop on photo right.



Figure 8: Photo taken near SW corner NWNE facing north along mainline. Wheel line irrigates field to the west.



Figure 9: Foster Pond.



Figure 10: Foster Pond outlet control. Overflow discharges to Outlet Pond.



Figure 11: Outlet Pond.



Figure 12: Photo taken NW corner of NENE facing west. Field to south (right) irrigated with wheel line.



Figure 13: Traveling big guns also used for irrigation.



Figure 14: Handline irrigating wind break near the south end of SWNE.

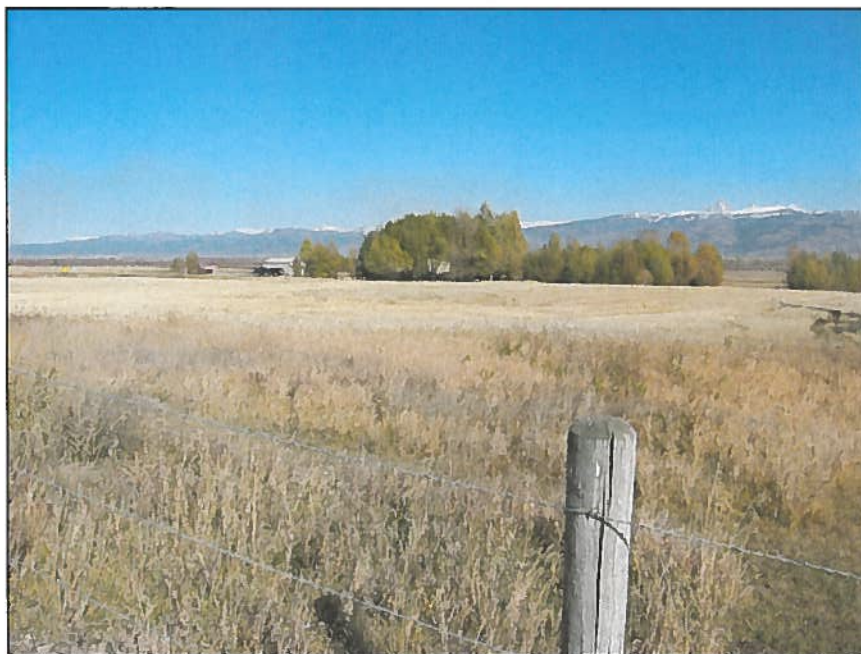


Figure 15: Photo taken near the SW corner of SWNE facing northeast towards home, shop, etc.

ATTACHMENT E
OTHER WATER RIGHTS

[Close](#)IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

10/23/2013

WATER RIGHT NO. 22-7641

Owner Type	Name and Address
Current Owner	CURLEW PARTNERS LLLP GREGORY YOUNG 22050 REGNART RD CUPERTINO, CA 95014 (408)366-0581
Original Owner	JRG PARTNERS JOHN YOUNG 26 ARASTRADERO RD PORTOLA VALLEY, CA 94028 (415)941-6565

Priority Date: 05/31/1989

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
WILDLIFE STORAGE	01/01	12/31		10.9 AFA
DOMESTIC	01/01	12/31	0.02 CFS	1.2 AFA
RECREATION STORAGE	01/01	12/31		10.9 AFA
AESTHETIC	01/01	12/31	0.1 CFS	14.3 AFA
DIVERSION TO STORAGE	01/01	12/31	0.1 CFS	
Total Diversion			0.1 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SWNE	Sec. 17	Township 04N	Range 45E	TETON County
GROUND WATER	SWNE	Sec. 17	Township 04N	Range 45E	TETON County

DOMESTIC Use:

Number of homes: 1

Place(s) of use:

Place of Use Legal Description: WILDLIFE STORAGE TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	17		SWNE										

Place of Use Legal Description: DOMESTIC TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	17		SWNE										

Place of Use Legal Description: RECREATION STORAGE TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	17		SWNE										

Place of Use Legal Description: AESTHETIC TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	17		SWNE										

Conditions of Approval:

1. WB4 The total instantaneous diversion of water from all points of diversion under Right 22-7641 shall not exceed 0.10 cfs, nor a total combined annual volume of 14.3 af for uses authorized under this right.
2. T17 Prior to diversion of water under this approval, the right holder shall provide a means of measurement acceptable to the Department from all authorized points of diversion which will allow determination of the total rate of diversion.
3. R19 The right holder shall maintain a totalizing measuring device of a type approved by the Department as a part of the diverting works.
4. Domestic use is for one home with a lawn and a garden not to exceed 0.5 acre in size.
5. X35 The domestic use under Rights 22-12272 and 22-7641, when combined, shall not exceed a total diversion rate of 0.10 cfs and a total diversion volume of 13,000 gallons per day.
6. The reservoir established by the storage of water under this right shall not exceed a total capacity of 7.5 acre feet or a total surface area of 1.5 acres.
7. This right authorizes the diversion of an annual total of 10.9 af of water to be used for the initial filling of the reservoir, and for the replacement of losses caused by evaporation from the reservoir.
8. T07 The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
9. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
10. 048 The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
11. The approval of this transfer redefines all of the elements of this water right, and the new use of water authorized by this approval shall constitute the full extent of the right.

Dates:

Licensed Date: 10/23/2003

Decreed Date:

Permit Proof Due Date: 10/1/1995

Permit Proof Made Date: 12/11/1995

Permit Approved Date: 5/21/1990

Permit Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Water Supply Bank Enrollment Date Accepted:

Water Supply Bank Enrollment Date Removed:

Application Received Date: 03/21/1989

Protest Deadline Date:

Number of Protests: 0

Other Information:

State or Federal:

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

[Close](#)

[Close](#)IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report

10/9/2013

WATER RIGHT NO. 22-13917

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	JRG PARTNERS JOHN YOUNG 26 ARASTRADERO RD PORTOLA VALLEY, CA 94028 (415)941-6565
Attorney	JOHN M MARSHALL GIVENS PURSLEY LLP 601 W BANNOCK PO BOX 2720 BOISE, ID 83702 (208)388-1200

Priority Date: 04/01/2002

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/15	10/31	0.1 CFS	
Total Diversion			0.1 CFS	

Location of Point(s) of Diversion:

GROUND WATER|SWNE|Sec. 17|Township 04N|Range 45E|TETON County

Place(s) of use:

Place of Use Legal Description: IRRIGATION TETON County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
04N	45E	17		SWNE	5									

Total Acres: 5

Conditions of Approval:

- 1.068 This permit does not authorize the construction of any new well. The 963 foot deep well to be used under this right is known as the Young well, is cased and sealed from all shallower aquifer units, and taps a water bearing zone between 930 and 963 feet below ground level.
- 2.01M After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.
3. Water shall not be diverted or stored under this right until the applicants provide mitigation by formally placing Right 31-2327B into the Water Supply Bank or notifying the department that they have permanently abandoned Right 31-2327B.
- 4.R63 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
- 5.048 The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
- 6.046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

Dates:

Proof Due Date: 08/01/2008
Proof Made Date: 06/23/2008
Approved Date: 08/09/2002
Moratorium Expiration Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0
Field Exam Date::
Date Sent to State Off:
Date Received at State Off:

Other Information:

State or Federal:
Owner Name Connector:
Water District Number: 01
Generic Max Rate per Acre: 0.02
Generic Max Volume per Acre: 3.5
Swan Falls Trust or Nontrust: N
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: True

[Close](#)

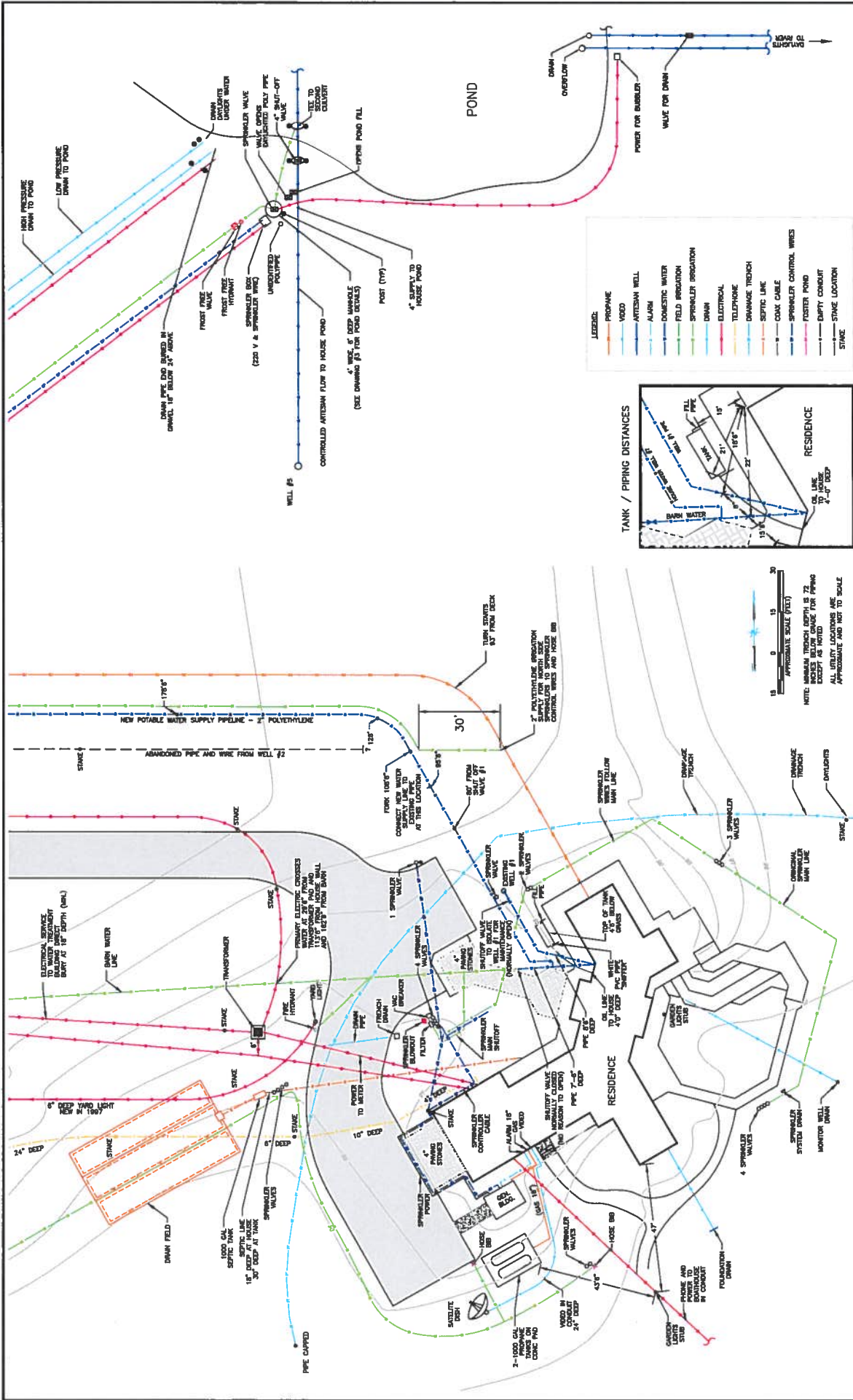
ATTACHMENT F
FLOW MEASUREMENT RECORDS

Permit: 27-13917 & 27-13918
 Owner: JRG Partners & Curlew Partners LLLP
 Site Name: Production Well
 POD Location: T04N R45E Section 17 SWNE, BM
 Tag No: D0004526
 Meter: GE TransPort PT878
 Type: Portable Ultrasonic Time Flight Liquid Flow Meter
 Serial Number: 7140
 Calibration Date: March 27, 2013
 Operator: Scott King

Date/Time	Volume (gal/m)	(+)Total (gal)	(-)Total (gal)	Error #
10/21/2013 14:30:03	517.5	5504	0.0	0
10/21/2013 14:31:03	518.4	6029	0.0	0
10/21/2013 14:32:03	518.8	6557	0.0	0
10/21/2013 14:33:03	518.0	7072	0.0	0
10/21/2013 14:34:03	518.1	7592	0.0	0
10/21/2013 14:35:03	517.4	8115	0.0	0
10/21/2013 14:36:03	517.6	8630	0.0	0
10/21/2013 14:37:03	517.2	9130	0.0	0
10/21/2013 14:38:03	516.1	9644	0.0	0
10/21/2013 14:39:04	519.1	10192	0.0	0
10/21/2013 14:40:03	519.4	10690	0.0	0

Time	10 minutes
Volume	5185 gallons
Rate	519 gpm
Rate	1.16 cfs

ATTACHMENT G
SYSTEM DIAGRAMS



10002110121 0-711-17-00-2000		20 04/20/13 UPDATE	BY KSM CSY WPC	DESCRIPTION	APPROVED G. YOUNG	DESIGNED BY D. POLCEY/AMMON	SECTOR INTERNATIONAL INCORPORATED	THE YOUNG FAMILY RESIDENCE DRiggs, IDAHO	SITE PLAN DETAIL (EAST HALF)	AS SHOWN 2 of 3
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ATTACHMENT H
POND DATA

22-13918 Pond Capacity Calculations

Pond	Name	Area (ft ²)	Area (acres)	Depth (ft)	Volume Multiplier	Volume (acre-feet)
1	Outlet	29,565	0.68	6	0.4	1.6
2	West	122,835	2.82	8	0.4	9.0
3	Foster	216,374	4.97	6	0.4	11.9
Totals		368,774	8.47			22.6

Depths based on permit owner's description.

22-13918 Pond Consumptive Use Calculations

[ET Idaho 2012 -- Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho
Driggs \(NWS -- 102676\)](#)

Statistics based on thirty year normal spans 1969 to 2008 years

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 ⁱ	mm/day												mm		
Monthly ^j	-0.7	0.02	0.4	1.37	2.08	3.16	3.33	3.15	1.94	0.95	-0.15	-0.68	455	0	455
15 Day Moving Average ^d	-0.75	-0.1	0.39	1.32	2.19	3.07	3.29	3.09	1.76	1.05	-0.11	-0.63			
7 Day Moving Average ^e	-0.74	-0.04	0.38	1.32	2.1	3.03	3.3	3.12	1.84	0.99	-0.15	-0.65			
3 Day Moving Average ^f	-0.71	0	0.39	1.36	2.07	3.11	3.32	3.16	1.89	0.94	-0.14	-0.68			
Days per Month	31	28	31	30	31	30	31	31	30	31	30	31			365
Monthly Pdef	-21.7	0.6	12.4	41.1	64.5	94.8	103.2	97.7	58.2	29.5	-4.5	-21.1			455
Positive Monthly Pdef		0.6	12.4	41.1	64.5	94.8	103.2	97.7	58.2	29.5					502

502 mm/yr, annual positive monthly Pdef
1.65 ft/yr, annual positive monthly Pdef
8.5 acres, pond surface area
14 acre-feet/yr, total annual pond Pdef