



IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

December 1, 2021

RIVERSTONE INTERNATIONAL SCHOOL
C/O JAKE SCHRITTER
5521 E WARM SPRINGS AVE
BOISE ID 83716

COPY

RE: Water Right Permit No. 63-34136

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permit referenced above prior to issuing water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit.

The examiner who verified your water use reported that certain elements of the permit have been developed differently than described on your permit. Changes that do not increase the authorized use of water under the permit can be requested and approved in accordance with Idaho Code § 42-211. Before a license can be issued, your permit must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit(s):

☒ Point(s) of Diversion

☐ Place(s) of Use

☐ Other

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when issued. Please review the amendment form carefully. If you concur with the information presented, please sign and return the form with the filing fee of \$100.00 within fourteen (14) days.

If you have any questions, please call me at (208) 287-4913 or email me at tyler.smith@idwr.idaho.gov.

Sincerely,

Tyler Smith

December 1, 2021

Page 2

Senior Water Resource Agent

Enclosure(s): Application for Amendment

cc:

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-34136
Exam Date: 04/14/2021

1. Current Owner:
RIVERSTONE INTERNATIONAL SCHOOL 5521 E WARM SPRINGS AVE BOISE ID 83716
2. Accompanied by: Jake Schritter
Phone No: (208)513-3396
Address: 5521 E Warm Springs Ave, Boise, ID 83716
Relationship to permit Holder: Facilities and Transportation Manager for Riverstone

3. **SOURCE:**
GROUND WATER

Method of Determination: Well log, site visit

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: No overlap present

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: No overlap present

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER NW¼ SW¼, Sec. 28, Twp 03N, Rge 03E, B.M. ADA County

Method of Determination: Well GPS'd at 43° 33' 53" N, 116° 6' 50" W

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	03E	29													1.8			0.4 L1	2.2

Total Acres: 2.2

Method of Determination: Aerial imagery, digital PLSS system, site visit

3.

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

X 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	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
443640	Franklin	1.5	n/a	Standard	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 during this exam

E. FLOW CALCULATIONS

X Additional Computation Sheets Attached

Measured Method: Theoretical

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}} = \frac{8.8 * .7 * 1.5}{70 * 2.31 * (55)} = 0.05 \text{ cfs}$$

Measured Method: Sprinkler Rating

Rainbird 5000 sprinkler heads @ 55 psi rated between 1.71 gpm to 8.86 gpm

10 sprinkler heads @ 1.71 gpm = 17.1 gpm = 0.04 cfs

10 sprinkler heads @ 8.86 gpm = 88.6 gpm = 0.20 cfs

Average rate for 10 sprinkler heads at a time = 0.12 cfs

Measured Method: AP Memo #60 Turf Grass B.U. Standard

0.05 cfs / 2.2 acres = 0.02 cfs/ acre

(0.02 cfs/acre) / (5.25 hrs operated / 24 hrs per day) = 0.09 cfs/acre

0.09 cfs/acre * 2.2 acres = 0.20 cfs

Permit	0.09 cfs
B.U. Fee	\$50 → 0.0 to 0.20 cfs
B.U. Standard	0.20 cfs
Theoretical	0.05 cfs
Well Log	130 gpm or 0.29 cfs
Sprinkler Rating Average	0.12 cfs

License Recommendation 0.05 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.2 \text{ acres} \times 4.5 \text{ af / acre} = 9.9 \text{ af}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.05 \text{ cfs} \times 260 \text{ days} \times 1.9835 = 25.8 \text{ af}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{9.9 \text{ af}}$$

$$V_{AVG} = 22.4 \text{ gpm} \times 315 \text{ min/day} \times 70 \text{ day/year} = 493,920 \text{ gpy} = 1.52 \text{ af}$$

2. Volume Calculations for Other Uses: n/a

G. NARRATIVE/REMARKS/COMMENTS

This permit authorizes 0.09 cfs of groundwater for 6 acres of irrigation purposes for Riverstone International School (Riverside) in Ada County. The application for permit was filed in the name of Riverstone International School, the application was advertised as Riverstone International School, and the proof was filed in the name of Riverstone International School, however the Permit was approved for Riverside International School. There is no information in the backfile to suggest a change in name, and therefore the name on the license has been corrected to Riverstone International School. Proof of beneficial use was filed on October 9, 2020. A field exam was conducted by water resource agent Tyler Smith on April 14, 2021 and was accompanied by Jake Schridder, the Facilities and Transportation Manager for Riverstone.

Groundwater is diverted via an 8" cased well ID # 443640 with a 1.5 hp Standard pump. An average of 3 theoretical discharge rates gave a capacity for the system at 0.05 cfs. The permit authorized 6.0 acres of irrigation covering areas north and south of the school building. During the exam, Mr. Schridder explained that water from the well was only used to irrigate a 2.2-acre sports field to the south of the school building, and that all irrigation occurring north of the building was done using City of Boise municipal water. Mr. Schridder mentioned that the well may be used for irrigation to the north of the building in the future and confirmed that they would file a new application for permit before irrigating any additional acres with the well.

According to Application Processing Memo #60 for irrigation diversion rate for turf grass, the diversion rate is calculated to be 0.02 cfs per acre (0.05 cfs / 2.2 acres). The diversion rate divided by the ratio of actual hours of operation per day to 24 hours a day ((.02 cfs per acre) / (5.25hrs/24hrs)) = 0.09 cfs per acre. 0.09 cfs per acre multiplied by 2.2 acres gives a beneficial use standard rate of 0.20 cfs. Since the diversion system capacity is the limiting factor at 0.05 cfs, this is the rate that is recommended for licensing. The permit authorized a point of diversion in the NESE of Sec. 29 Twp 03N, Rge 03E. The field exam confirmed the point of diversion in the NWSW of Sec. 28, Twp 03N, Rge 03E. A licensing amendment will be required in order to correct the point of diversion description before a license can be issued.

Groundwater is diverted from the well via 2" PVC piping to the sports field southwest of the school building. There are 7 lines of PVC going southeast to northwest on the field, and each line has 10 Rainbird 5000 sprinklers for a total of 70

sprinklers. The 7 PVC lines go from 2" to 1.5" as they move from the southeast to northwest to maintain pressure. Mr. Schridder stated that water from the well is used on average 70 days a year for about 5.25 hrs a day. This comes out to 1.52 acre-feet per year. Since this is the estimated average usage and not the maximum volume diverted during the development period, the beneficial standard of 9.9 AF is the volume recommended for licensing.

The well for this permit is within the Boise River Upstream from Star Bridge area, which is considered to be fully appropriated during the irrigation season. Shallow groundwater less than 200 ft below ground surface is considered tributary to the river in this area as well. The water bearing zone for the well is 67' – 87' below surface level, and therefore requires mitigation to offset injury to senior water users downstream. Riverstone provided mitigation by agreeing to purchase 6 shares from Boise City Canal Company under its 1866 water right no. 63-20041 in an agreement signed on August 20, 2015. These 6 shares would allow for the idling of 6 acres from water right 63-20041 and leave 0.09 cfs of water un-diverted in the Boise River. Since the beneficial use of this permit was found to be 0.05 cfs, the owning of shares worth 0.09 cfs would allow Riverstone to divert the full 0.05 cfs during 60% cuts per the Stewart Decree (0.09 cfs @ 60% = 0.054 cfs). Riverstone confirmed that they would keep all 6 shares with Boise City Canal Company in order to divert the full water right during the 60% reduction periods.

The permit was contained condition 930 for the point of diversion (well) to have a water bearing zone between 60 to 100 feet below surface level. As previously mentioned the water bearing zone for the well is 67' – 87' below surface level, and therefore is compliant with this condition. Guidance for condition 930 states that if the water bearing zone is entirely deeper than 200 feet, then the condition should be carried forward to licensing. Since this permits water bearing zone is not deeper than 200 feet, it is recommended that the condition be dropped at licensing.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	03/01 to 11/15	0.05 CFS	9.9 AF

Totals: 0.05 CFS 9.9 AF

2. Recommended Amendments

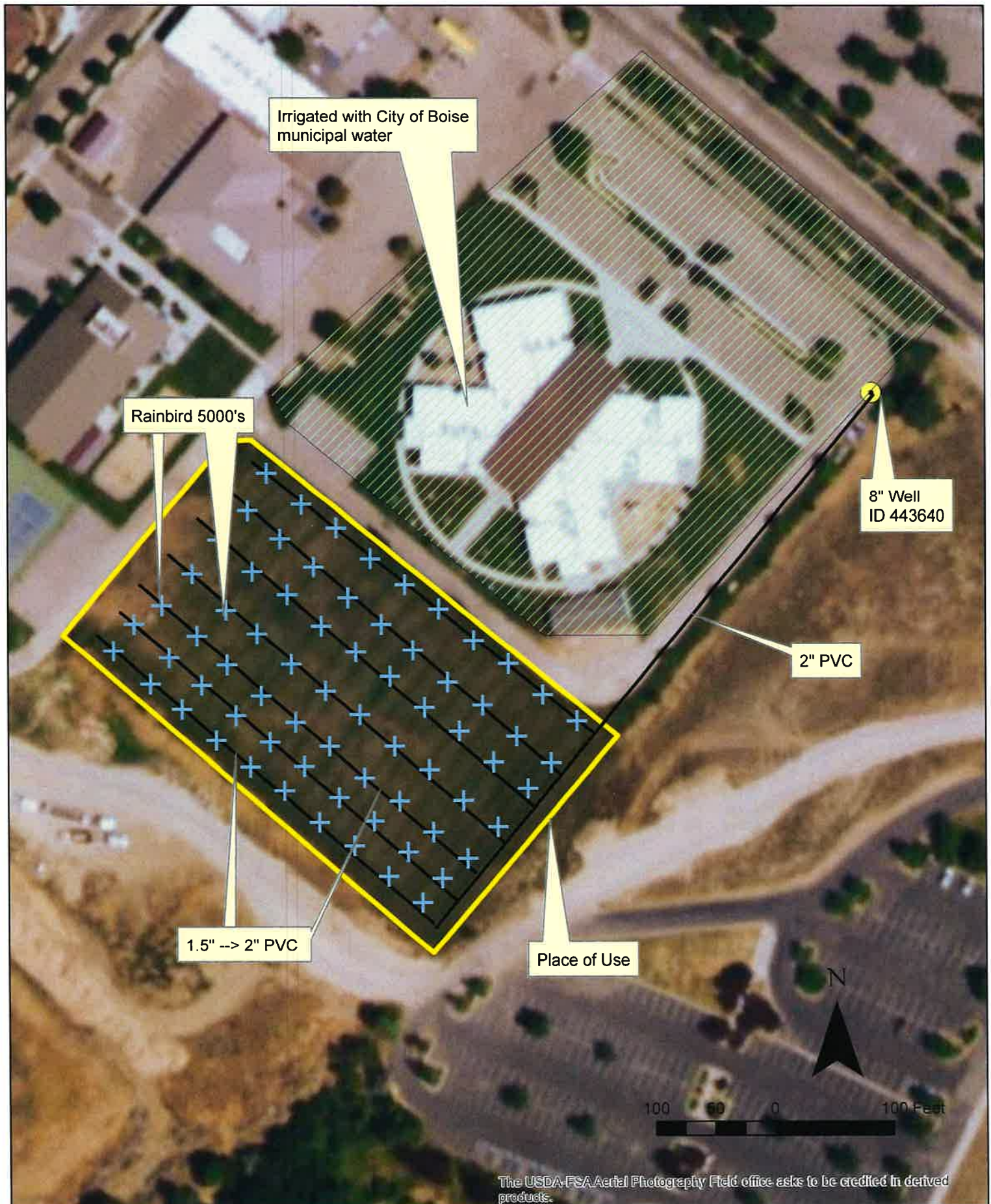
☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION

Tyler Smith - Water Resource Agent

Field Examiner's Name Tyler Smith Date 12/1/21
 Reviewer FT Date 2/10/22

63-34136 System Diagram



THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 63-34136
 Reviewer: Tyler Smith
 Date of Review: 8/5/2021

P/D No.:	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER	1.5	1.5	1.5
BOOSTER HORSEPOWER	0	0	0
PUMPING LEVEL	68	70	72
DISCHARGE PRESSURE	55	55	55
RATE OF FLOW (cfs)	0.05	0.05	0.05 0.05

The above calculates the formula = $Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$ =

Assumptions: %70 efficiency.
 No Friction

Examiners Notes:

Adamson Pump & Drilling reports a 1.5 hp pump. A range of lift levels were used based on well log (68-72 ft). System operator reported a discharge pressure of 55 psi. Theoretical average flow rate is 0.05 cfs.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0071679

Drilling Permit No 971861-877918
Water right or injection well # _____

2. OWNER:

Name Riverstone International School
Address 5521 E. Warm Springs Ave.
City Boise State ID Zip 83716

3. WELL LOCATION:

Twp. 3 North ☒ or South ☐ Rge 3 East ☒ or West ☐
Sec. 28 1/4 NW 1/4 SW 1/4Gov't Lot _____ County Ada
Lat. 43 ° 33.887 (Deg. and Decimal minutes)
Long 116 ° 06.832 (Deg. and Decimal minutes)
Address of Well Site 5521 E. Warm Springs Ave.
City Boise
Lot _____ Blk _____ Sub. Name _____

4. USE:

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

5. TYPE OF WORK:

☒ 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 (lbs or ft ³)	Placement method/procedure
3/4 Bent.	0'	40'	50 Bags	12" Borehole

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
8"	+2	67'	.250	Steel	☒	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 67'

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____Manufactured screen ☒ Y ☐ N Type AlloyMethod of installation Pullback

From (ft)	To (ft)	Slot size	Number/m	Diameter (nominal)	Material	Gauge or Schedule
72'	82'	20	N/A	6"	SS	N/A

Length of Headpipe 7' Length of Tailpipe 5'Packer ☒ Y ☐ N Type K-packer

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
-----------------	-----------	---------	------------------------------------	------------------

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 30' Static water level (ft) 25'Water temp (°F) 56° Bottom hole temp (°F) _____Describe access port Well Cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
35'	130 GPM	60 minutes

Test method:

Pump	Bailer	Air	Flowing artesian
☐	☐	☒	☐

Water quality test or comments: Iron 2 PH 7.75 Hardness 5

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
12"	0'	3'	Topsoil		
12"	3'	5'	Tan Clay		
12"	5'	40'	Gravel		
8"	40'	43'	Decomposed Granite	X	
8"	43'	83'	Gravel	X	
8"	83'	87'	Red Clay		

RECEIVED

FEB 29 2016

WATER RESOURCES
WESTERN REGIONCompleted Depth (Measurable): 87'Date Started: Feb 16, 2016Date Completed: Feb 19, 2016

14. DRILLER'S CERTIFICATION:

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

Company Name Adamson Pump & Drilling Co. No 457Principal Driller David Adamson Date Feb 24, 2016Driller John Lipton Date Feb 24, 2016Operator _____ Date _____Operator I Cameron Smith Date Feb 24, 2016

* Signature of Principal Driller and rig operator are required.

ADAMSON PUMP AND DRILLING, INC.

Quality Installation & Service for Pumps
Water Wells
Test Pumping
Domestic
Irrigation

Dave Adamson
1320 Smith Ave. • Nampa, ID 83651
Fax: 466-0008

PUMPS 466-6439 WELLS

ump & Drilling, Inc.

ave Adamson • Wells

Avenue • Nampa, ID 83651

6-6439 • Fax 208-466-0008



Date: 6/4/15

Name: Scott Peterson Address: Riverstone International School

Phone: 347-205-0494 Cell: 1/4 1/4 Fax: Email: scott.peterson@state.com

Legal Description: T: R: S: 1/4 1/4

Water Well: 100 @ \$ 48.00 8" Well 4,600.00

Feet 100 @ \$ 34.00 8" Well 3,400.00

Drive Shoe 75.00 \$ 150.00

Stainless Steel Screen: 10' of 5" 1,500.00 \$ 1,500.00

Liner 60.00 \$ 135.00

Well Cap: 1,500.00 \$ 2,000.00

Benicote Surface Seal 200.00 \$ 200.00

Drill Permit 150.00 \$ 225.00

Misc. Supplies 6,885.00 \$ 9,010.00

Total Water Well \$ 9,010.00

Pump: Standard Pump \$ 3,177.00

Fire Suppression: None \$ 75.00

Motor: Franklin \$ 75.00

Controller: Control Box Deluxe \$ 75.00

G.P.M. 50-65 H.P. 1.5

Underwater Splice 63 \$ 4.28 2' Galvanized Drop Pipe

Drop Pipe 100 1-1/4" #160 Poly

Water Line 75 \$ 2.49 #8-3 w/ground

Pump Cable 185 #10-3 w/ground

Underground Cable None

Well Seal - 6 x2 or 8 x 2

Pileless Adaptor None

Pressure Tank None

Fittings Check Valve & PRV Top Fittings

Bury Hydrant

Casing Size: 8" & 8"

Well Depth: 100'

Static Water: 20'

Notes:

Discharge out the top of the well. Leave the

control box for the electrician. Sprinkler

hook-up to top of well.

Parts (taxable)

Labor

Winch Truck

Mileage

Plumbing Permit

Electrical Permit

Misc. Supplies

Total Pump System: \$ 4,645.00

Please Note: Well depth and material quantities are estimated. Billing will reflect actual quantities installed.

5000 Series Std. Angle Rain Curtain™ Nozzle Performance

Pressure psi	Nozzle	Radius ft.	Flow gpm	Precip In/h	Precip In/h
25	1.5	33	1.12	0.20	0.23
	2.0	35	1.50	0.24	0.27
	2.5	35	1.37	0.28	0.33
	3.0	36	2.26	0.34	0.39
	4.0	36	2.91	0.43	0.49
	5.0	37	3.72	0.52	0.60
	6.0	37	4.25	0.60	0.69
	8.0	33	5.90	1.26	1.50
35	1.5	34	1.35	0.22	0.26
	2.0	36	1.31	0.27	0.31
	2.5	37	2.17	0.31	0.35
	3.0	38	2.71	0.36	0.42
	4.0	40	3.50	0.42	0.49
	5.0	41	4.47	0.51	0.59
	6.0	43	5.23	0.54	0.63
	8.0	41	7.06	0.94	1.10
45	1.5	35	1.54	0.24	0.28
	2.0	37	2.07	0.29	0.34
	2.5	37	2.51	0.35	0.41
	3.0	39	3.05	0.37	0.43
	4.0	42	4.01	0.44	0.51
	5.0	43	5.05	0.48	0.56
	6.0	44	6.01	0.59	0.69
	8.0	44	8.03	0.92	1.06
55	1.5	35	1.71	0.27	0.31
	2.0	37	2.30	0.32	0.37
	2.5	37	2.76	0.39	0.45
	3.0	40	3.47	0.42	0.48
	4.0	42	4.44	0.48	0.56
	5.0	45	5.66	0.54	0.62
	6.0	50	6.63	0.51	0.59
	8.0	47	8.86	0.80	0.93
65	1.5	34	1.86	0.31	0.36
	2.0	35	2.52	0.40	0.46
	2.5	37	3.01	0.42	0.49
	3.0	40	3.78	0.45	0.53
	4.0	42	4.83	0.53	0.61
	5.0	45	6.16	0.59	0.68
	6.0	50	7.22	0.55	0.64
	8.0	48	9.63	0.84	0.97

Precipitation rates based on half-circle operation

■ Square spacing based on 50% diameter of throw

▲ Triangular spacing based on 50% diameter of throw

Performance data collected in zero wind conditions

Performance data derived from tests that conform with ASABE Standards; ASABE S398.1.

See page 198 for complete ASABE Test Certification Statement.

5000 Series Std. Angle Rain Curtain™ Nozzle Performance METRIC

Pressure bar	Nozzle	Radius m	Flow m³/h	Flow l/m	Precip mm/h	Precip mm/h
2.0	1.5	10.2	0.28	4.8	5	6
	2.0	10.8	0.36	6.0	6	7
	2.5	10.9	0.44	7.2	7	9
	3.0	11.2	0.55	9.0	9	10
	4.0	11.6	0.71	12.0	11	12
	5.0	12.1	0.91	15.0	13	15
	6.0	12.4	1.05	17.4	15	17
	8.0	11.8	1.45	24.0	32	37
2.5	1.5	10.4	0.31	5.4	6	7
	2.0	11.0	0.41	6.6	7	8
	2.5	11.3	0.50	8.4	8	9
	3.0	11.2	0.62	10.2	9	11
	4.0	12.3	0.81	13.2	11	13
	5.0	12.7	1.03	17.4	13	15
	6.0	13.2	1.21	20.4	14	16
	8.0	13.3	1.63	27.0	24	28
3.0	1.5	10.6	0.34	6.0	6	7
	2.0	11.2	0.45	7.8	7	8
	2.5	11.3	0.56	9.6	9	10
	3.0	12.1	0.69	11.4	9	11
	4.0	12.7	0.89	15.0	11	13
	5.0	13.5	1.13	18.6	12	14
	6.0	13.4	1.34	22.2	13	17
	8.0	13.4	1.79	30.0	23	27
3.5	1.5	10.7	0.37	6.0	7	8
	2.0	11.3	0.49	8.4	8	9
	2.5	11.3	0.60	10.2	9	11
	3.0	12.2	0.74	12.6	10	12
	4.0	12.8	0.97	16.2	12	14
	5.0	13.7	1.23	20.4	13	15
	6.0	14.2	1.45	24.0	13	15
	8.0	14.9	1.93	32.4	20	24
4.0	1.5	10.6	0.40	6.6	7	8
	2.0	11.1	0.52	9.0	8	10
	2.5	11.3	0.64	10.8	10	12
	3.0	12.2	0.80	13.2	11	12
	4.0	12.8	1.04	17.4	13	15
	5.0	13.7	1.32	22.2	14	16
	6.0	14.9	1.55	25.8	14	16
	8.0	15.2	2.06	34.2	21	25
4.5	1.5	10.4	0.42	7.2	8	9
	2.0	10.7	0.55	9.0	10	11
	2.5	11.3	0.68	11.4	11	12
	3.0	12.2	0.84	13.8	11	13
	4.0	12.8	1.10	18.0	13	15
	5.0	13.7	1.40	23.4	15	17
	6.0	14.6	1.64	28.2	15	18
	8.0	15.2	2.19	36.6	19	22

Point of Diversion Comparison

State of Idaho
Department of Water Resources

Water Right no. 63-34136

Basin/Sequence	Owner	Source	Beneficial Use Field Exam															
			NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
63-34136	RIVERSTONE INTERNATIONAL SCHOOL	GROUND WATER										X						
63-2566	INDEPENDENT SCHOOL DISTRICT OF BOIS	GROUND WATER										X						

 = this right
 = overlap

Department of Water Resources

Beneficial Use Field Exam

Basin/Sequence	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NW/NW	SW/NW	SE/NW	NESW	NW/SW	SW/SW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
63-136	BARKER ROSHOLT & SIMPSON LLP, BOISE PROJECT BOARD OF CONTROL	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-137B	BARKER ROSHOLT & SIMPSON LLP, BOISE PROJECT BOARD OF CONTROL	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-147B	BOISE VALLEY IRRIGATION DITCH CO, CARLOCK, CARROLL C	BOISE RIVER	IRRIGATION																	
63-147D	BOISE VALLEY IRRIGATION DITCH CO, CARLOCK, CARROLL C	BOISE RIVER	IRRIGATION																	
63-161BN	CONSUMERS WATER CORP, JOHNSON, RICHARD Z, PERRAUL	BOISE RIVER	IRRIGATION																	
63-184	BARBER LUMBER CO, HARRIS RANCH OWNERS ASSN	BOISE RIVER	IRRIGATION	33	36	33	13						0.5			16	37	18	1	187
63-200A	BARKER ROSHOLT & SIMPSON LLP, BOISE PROJECT BOARD OF CONTROL	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-2106	UNITED STATES OF AMERICA ACTING THROUGH FIVE MILE CREEK	IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-233K	AMERICAN DITCH CO, BARKER ROSHOLT & SIMPSON LLP, BOISE PROJECT BOARD OF CONTROL	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-2360	BOISE VALLEY IRRIGATION DITCH CO, CARLOCK, CARROLL C	BOISE RIVER	IRRIGATION																	
63-2388A	UNITED STATES OF AMERICA ACTING THROUGH	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-2392F	BOISE PROJECT BOARD OF CONTROL	WASTE WATER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-251A	UNITED STATES OF AMERICA ACTING THROUGH	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-2566	INDEPENDENT SCHOOL DISTRICT OF BOISE CITY	GROUND WATER	IRRIGATION													3				3
63-26671	BARKER ROSHOLT & SIMPSON LLP, BOISE KUWA IRRIGATION	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-2932	COLLARD, R E, SURPRISE VALLEY FARMS, SURPRISE VALLEY H	GROUND WATER	IRRIGATION										0.5							0.5
63-2973	DARKWOOD, ALBERT O, DARKWOOD, ESTHER V, ERO RESOU	GROUND WATER	IRRIGATION					16.7	34	38	17.3	19	19	2	8					154
63-301A	UNITED STATES OF AMERICA ACTING THROUGH	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-302A	UNITED STATES OF AMERICA ACTING THROUGH	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-31198	BOISE VALLEY IRRIGATION DITCH CO, CARLOCK, CARROLL C	BOISE RIVER	IRRIGATION																	
63-31832	BOISE VALLEY IRRIGATION DITCH CO, RINGERT CLARK CHART	BOISE RIVER	IRRIGATION																	
63-31833	BOISE VALLEY IRRIGATION DITCH CO, CARLOCK, CARROLL C	BOISE RIVER	IRRIGATION																	
63-3261	BURKHALTER, FELICIA, ECKERT, GARTH G, HARRIS RANCH OV	GROUND WATER	IRRIGATION	33	36	33	13									16	37	18	1	187
63-33251	BOISE PROJECT BOARD OF CONTROL	INDIAN CREEK	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-33253	BOISE PROJECT BOARD OF CONTROL	TEN MILE CREEK	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-34136	RIVERSTONE INTERNATIONAL SCHOOL	GROUND WATER	IRRIGATION													1.8			0.4	2.2
63-365	HARRIS FAMILY LTD PARTNERSHIP, HARRIS, DALLAS H, PERRA	WARM SPRINGS	IRRIGATION					16.7	34	38	17.3	19	19	2	8					154
63-372	BARKER ROSHOLT & SIMPSON LLP, BOISE KUWA IRRIGATION	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-373A	UNITED STATES OF AMERICA ACTING THROUGH	BOISE RIVER	IRRIGATION		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
63-4724	PULLMAN BRICK CO, PULLMAN, JEANNE, STATE OF IDAHO	GROUND WATER	IRRIGATION																1	1
63-7103	DARKWOOD, ALBERT O, DARKWOOD, ESTHER V, ERO RESOU	GROUND WATER	IRRIGATION					16.7	34	38	17.3	19	19	2	8					154
63-8181	COUNTY OF ADA	GROUND WATER	IRRIGATION										0.8							0.8
63-8627	H & H RANCHES, HARRIS FAMILY LTD PARTNERSHIP	GROUND WATER	IRRIGATION					11.9	29											40.9

= this right

= overlap



Fig. 1 – Well tag ID
#D0071679 was
GPS'd at

43° 33' 53" N

116° 6' 50" W



Fig. 2 – The well
overflow/back
pressure goes to a
ditch that appears to
flow into the Boise
River.



Fig. 3 – Well tag ID #D0071679 has an 8" casing from 2-67 ft bsl, and contains a 1.5 hp pump.



Fig. 4 – Water from the well is only used to water the sports field pictured here. Irrigation north of the school building is supplied by city water.



Fig. 5 – Pop-up sprinklers for the sports field are Rainbird 5000. There are approx. 70 sprinklers for the field.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W Airport Way • Boise ID 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348

Website: idwr.idaho.gov • Email: westerninfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

March 18, 2021

COPY

RIVERSIDE INTERNATIONAL SCHOOL
5521 E WARM SPRINGS AVE
BOISE, ID 83716

RE: Scheduling Field Exam for Water Right Permit No. 63-34136

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 **0.09 CFS of GROUND WATER for IRRIGATION** 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).

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days at (208) 334-2190 or tyler.smith@idwr.idaho.gov to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Tyler Smith
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Proof Report and Map