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

#### A. GENERAL INFORMATION

Permit No: 63-32238 Exam Date: 08/04/2020

1. Current Owner:

SLMA PROPERTIES LLC 2301 E DEER POINT CT EAGLE ID 83616-3973

2. Accompanied by: Steve Upson Phone No:(208)989-9901

Address: 24684 Lemp Lane, Parma Relationship to permit Holder: Permit holder

3. **SOURCE:**BOISE RIVER

Tributary
SNAKE RIVER

Method of Determination: Site visit, aerial imagery

#### **B. OVERLAP REVIEW**

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

YES Overlap

Water Right No.	Source	Purpose of Use	Basis	
63-152B	Boise River	Irrigation	Decreed	
63-368B	Boise River	Irrigation	Decreed	
Farmers Coop, Ditch Co. WR's	Boise River	Irrigation	Decreed	

Comments: 63-152B, 63-368B and Farmers Co-op irrigation rights used on land for irrigation. Permit 63-33265 has an overlapping wildlife use from a different source.

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

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

BOISE RIVER L5 ( SE1/4 NE1/4), Sec. 31, Twp 05N, Rge 04W, B.M. CANYON County

Method of Determination: GPS, aerial imagery, digital PLSS map

### PLACE OF USE: WILDLIFE & RECREATION

Two	Rng	Sec		N	E			N۱	N			SV	٧			SI	Ε		Totals
, ••p	Tang	OCC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	04W	31	Х	Х	Х	Х													
			L1	L10	L4	L5													

Method of Determination: Site visit, aerial imagery, digital PLSS map

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

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

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

X Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Нр	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Pump 1	WEG	20	220CT2018	n/a	n/a
Pump 2	Landmark	20	15100132	n/a	n/a

#### D. FLOW MEASUREMENTS

1.

Measurement Equipment	Туре	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

Additional Computation Sheets Attached

Measured Method:

Each of the two pumps were observed running for roughly three minutes during the observation of the measuring devices. Once the pumps were running, each measuring device maintained a constant gpm as follows:

Pump 1 (left side when looking at pumps from road): 4,000 gpm or 8.91 cfs

Pump 2 (right side when looking at pumps from road): 2,000 gpm or 4.46 cfs

Both pumps operating together: 6,000 gpm or 13.4 cfs

Permit 10.0 cfs B.U. Standard Allowance n/a

B<sub>.</sub>U. Proof Fee \$600  $\Rightarrow$  20.01 to 21.00 cfs

Measurement Rate 13.4 cfs

License Recommendation 10.0 cfs

#### F. VOLUME CALCULATIONS

- 1. Volume Calculations for irrigation: None
- 2. Volume Calculations for Other Uses: None

Pumps are run for 168 days/year, running 24 hrs/day. Permit holder estimates 2,000 gpm, or 4,46 cfs, for maintenance flows of ponds during this time. 4.46 cfs for 24 hrs/day is 8.85 af/day. 8.85 af/d multiplied by 168 days is 1,490 af annually.

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#### G. NARRATIVE/REMARKS/COMMENTS

This permit authorizes 10.0 cfs for wildlife and recreation for a property along the Boise River in Canyon County. An amended application was originally filed by Steven and Chris Stout in 2009, but after the permit had been approved, the permit was assigned to Erleback Properties in 2013. Erleback Properties subsequently assigned the permit to SLMA LLC in January 2019. Proof of B.U. and a fee of \$600 was filed in January 2020 and the field exam was completed by agent Tyler Smith in August, 2020. He was accompanied by Steve Upson, the registered agent for SLMA Properties LLC.

The diversion system involves two separate pumps and motors that draw water from the Boise River and deliver it into ditches. There is roughly 20 ft of head to overcome from the river to the ditches. Both motors are 20 hp and have a control box that is lockable, and each pipe coming from the pumps has a measuring device, satisfying permit condition 01J requiring a lockable controlling works and measuring device. If looking southward at the two pumps from the road, the west pipe splits into two pipes with values to open and close both pipes. Both of these pipes have measuring devices on them, bringing the total number of measuring devices on the system to 3. The east pump on the left was observed pumping at 4,000 gpm or 8.91 cfs, and the pump on the right was observed pumping at 2,000 gpm or 4,46 cfs. Both pumps can be run at the same time, and both dump into the same ditch in order to quickly deliver was throughout the property. Although the pump on the right side has some technical problems getting up and running, and was therefore likely not running at full capacity, the observed total diversion capacity of the system was 13.4 cfs. The permit was limited to 10.0 cfs and therefore 10.0 cfs is recommended for licensing. There is no overlap present at the point of diversion.

Once water is diverted from the Boise River into the ditches, it flows either east, west, or north depending on which pump was used, which headgates were open, etc., and eventually flows throughout the property and eventually back into the Boise River in the southwest corner of the property. This satisfies a condition on the permit that water diverted under this right be returned to the Boise River. The water flowing north goes through a bubbler before being distributed to a field in the northeast of the property and distributed to the northwest of the property via ditches. Water is diverted to fields to flood them and create wetland habitat for waterfowl for waterfowl hunting season and the permit holder estimated that water is diverted 168 days a year. The season of use should be changed to 10/1 to 2/28 to accurately reflect water use season. There are also ponds and wetlands that remain flooded year round as they are within the Boise River flood plain. There were a variety of waterfowl observed throughout the property during the exam. Some fields within the place of use contain crops, and irrigation is covered under decreed water rights 63-152B and 63-368B, but they are both diverted through a different point of diversion than this right and their uses are for irrigation purposes only. Therefore, no overlap is present at the place of use.

Have conditions of permit approval been met? X Yes	No
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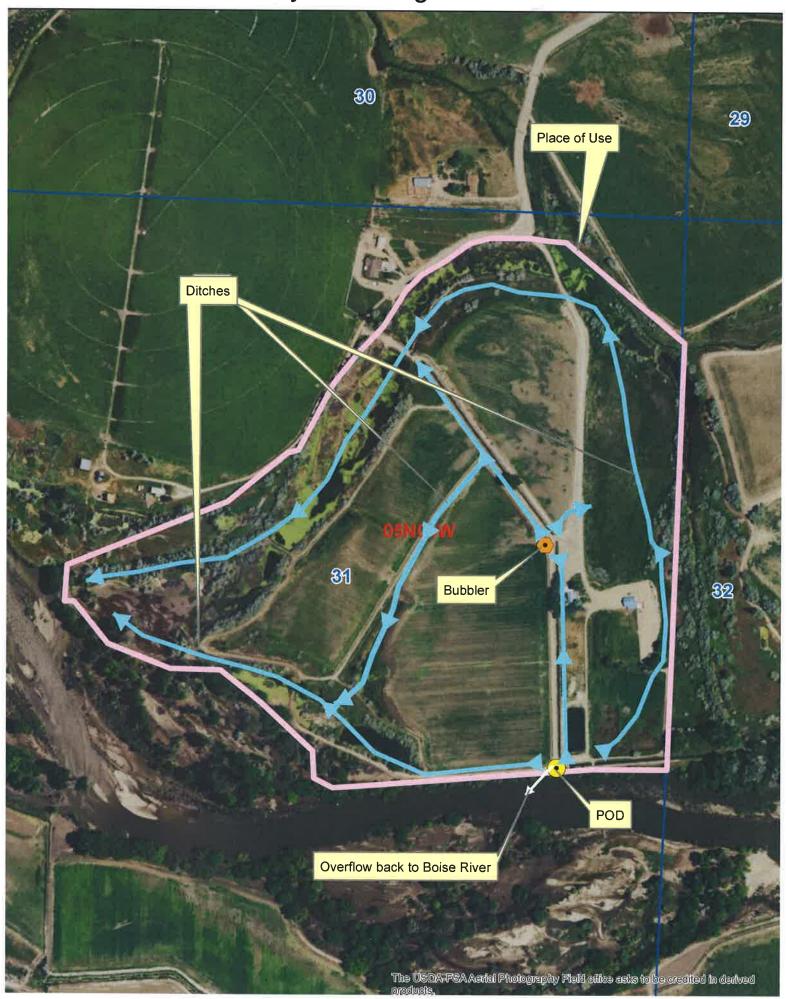
#### H. RECOMMENDATIONS

#### 1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
WILDLIFE	10/01 to 2/28	10.00 CFS	1,490 AF
RECREATION	10/01 to 2/28	10.00 CFS	1,490 AF
	Totals:	10.00 CFS	1,490 AF
2. Recommended Amendments			

			10100 01 0	1,100711
2	2. Recommended Amendments			
	Change P.D. as reflected	d above Add F	P.D. as reflected above	X None
	Change P.U. as reflected	d above Add F	P.U. as reflected above	X None
l.	AUTHENTICATION	Tyler Smith - Water Res	source Agent	
	Field Examiner's Name	the	Date_	0/28/2020
	ReviewerPatu	in mily	Date_	10-28-2020

Diversion System Diagram for #3-32238



Water Right no. 63-32238

WSE SESE

State of Idaho

Place of Use Comparison

Department of Water Resources

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	NESE																								
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Beneficial Use Field Exam	WNW SWNW																								
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	SWNE						×	×																×	×
	NWNE						×	×																\ \ \	
	NENE																			-				×	<u>×</u>
	Use	STOCKWATER	WILDLIFE	DOMESTIC	STOCKWATER	DOMESTIC	STOCKWATER X	STOCKWATER X	DOMESTIC	STOCKWATER	DOMESTIC	STOCKWATER	DOMESTIC X	DOMESTIC	STOCKWATER	DOMESTIC	DOMESTIC	STOCKWATER	STOCKWATER	DOMESTIC	DOMESTIC	STOCKWATER	DOMESTIC	RECREATION   X	WILDLIFE X
	Source	63-10397 BURDGE FAN BOISE RIVER	63-10397 BURDGE FAN BOISE RIVER	63-21115 HOUSTON, NGROUND WAT DOMESTIC	63-21115 HOUSTON, MGROUND WAT STOCKWAT	63-21116 HOUSTON, LIGROUND WAT DOMESTIC	ERLEBACH PHUNNAMED DRASTOCKWATE	63-21863 ERLEBACH PHUNNAMED SLOSTOCKWAT	63-21865 ERLEBACH PIGROUND WATI DOMESTIC	63-21865 ERLEBACH PI GROUND WATI STOCKWAT	63-23460 HUME, BARB GROUND WATEDOMESTIC	63-23460 HUME, BARB GROUND WAT STOCKWAT	63-23463 HAWKINS, G GROUND WAT DOMESTIC	63-23464 HAWKINS, CIGROUND WATI DOMESTIC	63-23464 HAWKINS, CAROUND WAT STOCKWAT	63-23511 BOWLIN, MIGROUND WAT DOMESTIC	63-25992 PORTENIER, GROUND WAT DOMESTIC	63-25992 PORTENIER, GROUND WAT STOCKWAT	63-27017 ANDERSEN, I UNNAMED DRISTOCKWATI	63-27018 ANDERSEN, IGROUND WATI DOMESTIC	63-27082   CLARK, DONI GROUND WATI DOMESTIC	63-27082   CLARK, DONI GROUND WATI STOCKWAT	63-27822 DALE, DELLA GROUND WAT DOMESTIC	63-32238 ERLEBACH PIBOISE RIVER	63-32238 ERLEBACH PIBOISE RIVER WILDLIFE
	Owner	BURDGE FAN	BURDGE FAN	HOUSTON, N	HOUSTON, N	HOUSTON, L		ERLEBACH PI	ERLEBACH PI	ERLEBACH PI	HUME, BARB	HUME, BARB	HAWKINS, G	HAWKINS, CA	HAWKINS, CA	BOWLIN, MIG	PORTENIER,	PORTENIER,	ANDERSEN, [	ANDERSEN, [	CLARK, DON	CLARK, DON	DALE, DELLA	ERLEBACH PI	ERLEBACH PI
	<b>BasinSeque Owner</b>	63-10397	63-10397	63-21115	63-21115	63-21116	63-21863	63-21863	63-21865	63-21865	63-23460	63-23460	63-23463	63-23464	63-23464	63-23511	63-25992	63-25992	63-27017	63-27018	63-27082	63-27082	63-27822	63-32238	63-32238

= this right

= overlap

Point of Diversion Comparison

State of Idaho
Department of Water Resources
Beneficial Use Field Exam

					B	eneficia	Beneficial Use Field Exam	eld Exam										
BasinSequei Owner	ei Owner	Source	NENE	NWNE	SWNE SENE		NENW	NWNW	SWNW	SENW	NESW	NESW NWSW SWSW	SWSW	SESW	NESE NW	NWSE SV	SWSE SE	SESE
63-10397	BURDGE FAMILY TRUST; BOISE RIVER	BOISE RIVER								×								
63-21115	HOUSTON, MAXINE; HOUGROUND WATER	GROUND WATER															×	
63-21116	HOUSTON, LORRIE; HOUSGROUND WATER	GROUND WATER															×	
63-21534	BROWN, BLANCHE E; BROUNNAMED STREAM	<b>CUNNAMED STREAM</b>														×		
63-21863	ERLEBACH PROPERTIES L'UNNAMED DRAIN		×	×	×											_		
63-21863	ERLEBACH PROPERTIES L UNNAMED SLOUGH	UNNAMED SLOUGH	×	×	×											<u> </u>		
63-21865	ERLEBACH PROPERTIES LIGROUND WATER	GROUND WATER				×												
63-23460	HUME, BARBARA L; HUM GROUND WATER	GROUND WATER												×				
63-23463	HAWKINS, GROVER J; HA GROUND WATER		×														_	
63-23464	HAWKINS, CAREY G; HAW GROUND WATER	AGROUND WATER					×									-		
63-23511	BOWLIN, MICHAEL L; BO GROUND WATER	GROUND WATER											×			-		
63-2465	BROWN, BLANCHE E; BROUNNAMED STREAM	<b>CUNNAMED STREAM</b>														×		
63-25992	PORTENIER, MERLE; POR GROUND WATER	GROUND WATER											×			-		
63-27017	ANDERSEN, DOUGLAS L; UNNAMED DRAIN	UNNAMED DRAIN												×				
63-27018	ANDERSEN, DOUGLAS L; GROUND WATER	GROUND WATER												×				
63-27082	CLARK, DONNA; WHITE, FGROUND WATER	GROUND WATER												×			H	
63-27822	DALE, DELLA; DALE, EVER GROUND WATER	GROUND WATER												×				Ī
63-32238	SLMA PROPERTIES LLC; SIBOISE RIVER	BOISE RIVER				×										_		
																		í

= this right = overlap



Fig. 1 – Two pumps in background and measuring devices in foreground looking south. Control box is located to the right of picture and is lockable.



Fig. 2 – Close up view of right diversion pump and pipe.

Diversion GPS at:

43° 43′ 39″ N

116° 51′ 16″ W



Fig. 3 – Water is pumped from Boise River at approx. 20 ft of head.



Fig. 4 – Motor info for right pump:

HP: 20

Hz: 60

V: 230/460

Serial #: 220CT2018

Model:

02018ET3E256T



Fig. 5 – Motor info for left pump:

HP: 20

Hz: 60

V: 230/460

Serial #: 15100132

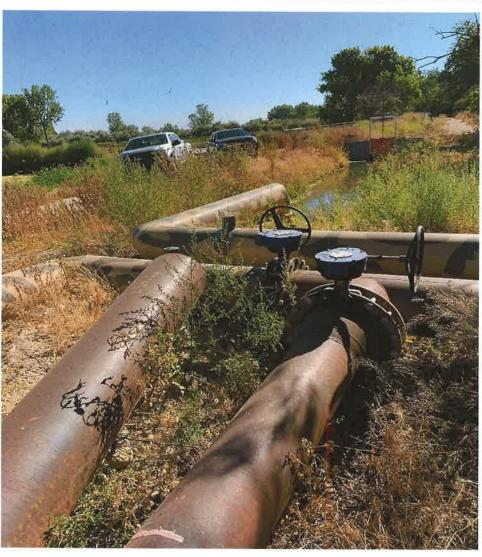


Fig. 6 – View looking east showing the diversion system.

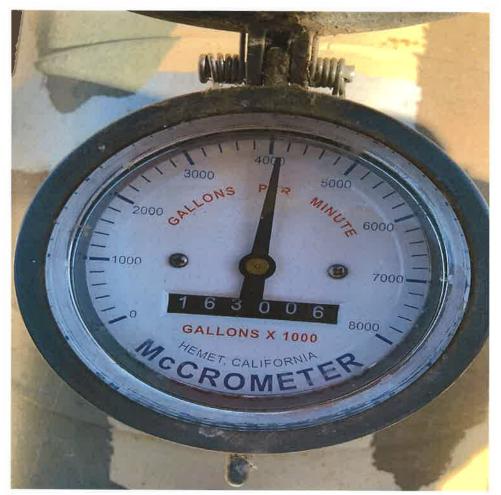


Fig. 7 – McCrometer measuring device for the left pump read an average of 4000 gpm during the field exam.



Fig. 8 – Specs. for left pump measuring device:

Model: M0316

Total Unit: Gal

Rate Unit: Gpm

Serial #: 16-12388

ID:15.7188



Fig. 9 – McCrometer measuring device for the right pump read an average of 2,000 gpm during the field exam.



Fig. 8 – Specs. for right pump measuring device:

Model: M0316

Total Unit: Gal

Rate Unit: Gpm

Serial #: 16-12389

ID:15.7188



Fig. 9 – An additional McCrometer measuring device was installed off of the right pump for when the diversion output is switched. It was not used during the field exam. McCrometer info:

Serial #: DM18-0464

Model #: DM12-2101



Fig. 10 – Value to open and close pipes for diversion to different ditches.

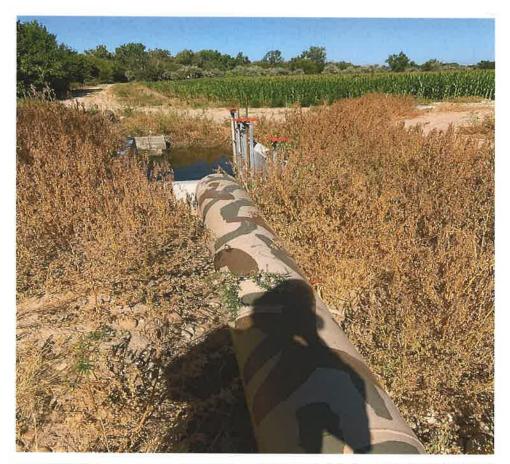


Fig. 11 – View looking west for one of two pipes off of right pump. Water flows north through headgates to ditches via this pipe and straight west under the road via other pipe.



Fig. 12 – View looking east, opposite of Fig. 11. Water flows from pump into ditch, then into subsequent ditches via headgates to left.

Overflow water is diverted back to Boise River via pipe in bottom right corner of picture.



Fig. 13 – Overflow from diversion is diverted back to the Boise River

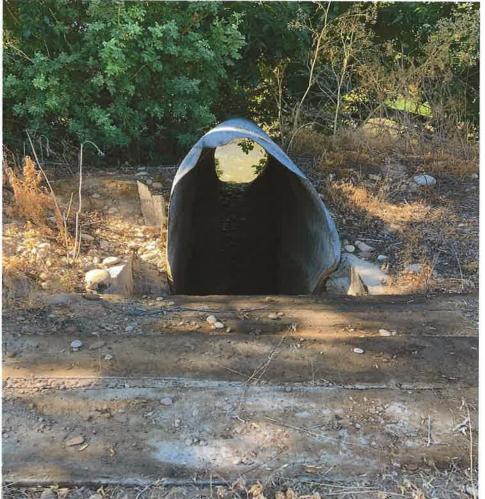


Fig. 14 – Overflow from diversion is diverted back to the Boise River



Fig. 15 – Headgates controlling flow from diversion to ditches, which then flows to bubbler or other ditches and then distributed throughout property.

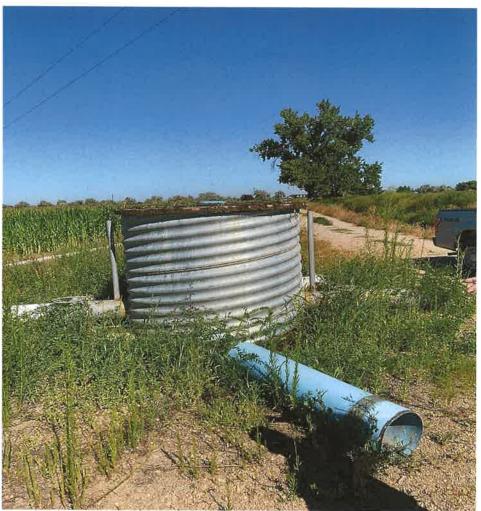


Fig. 16 – Bubbler located at:

43° 43′ 49″ N

116° 51′ 16″ W

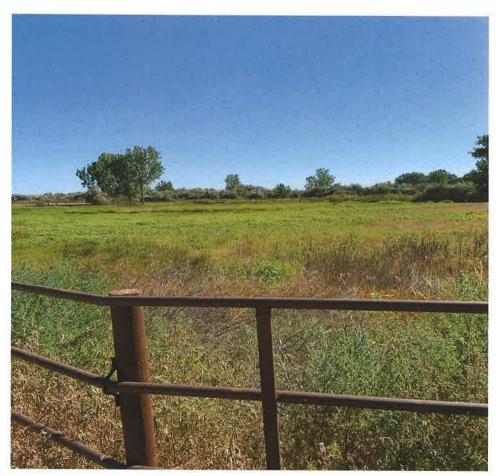


Fig. 17 – Wetland in SE corner of property that is flooded via diversion system and used as habitat for waterfowl and other wildlife.



Fig. 18 – Pond just north of diversion (looking north) used as recreation and wildlife habitat.

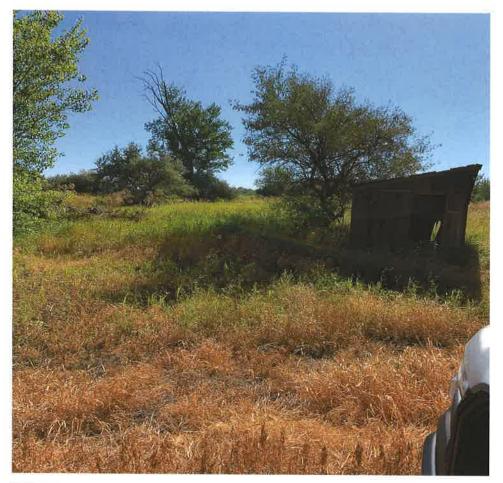


Fig. 19 – Field in SW corner of property that is flooded for recreation and wildlife habitat. A number of diverse waterfowl were observed during the field exam.



Fig. 20 – Field in NW corner of property that is flooded for recreation and wildlife habitat. A number of diverse waterfowl were observed during the field exam.

## Smith, Tyler

From:

Steve Upson <SUpson@UpsonCompany.com>

Sent:

Friday, October 2, 2020 10:34 AM

To:

Smith, Tyler

Cc: Subject: Ryan Upson; James Upson

Water Right Permit # 63-32238

Good Morning Tyler,

Sorry I missed your call. After listening to the option for volume, I would prefer to provide you the detailed account of how many days per year and hours per day.

We start to flood the ponds one week before duck and goose season each year. We keep the ponds flooded until March 15<sup>th</sup> when snow goose season closes. We are flood the field after harvest and continue to flood the field until the end of duck and goose season each year.

Duration of running the lift pumps would be 168 days per year running 24 hours per day. The volume per day would be regulated by water levels in the fields and ponds. My guess is 1,800 to 2,000 gallons per minute once the ponds are full.

I could record the water flow meter when we start in the next two weeks and we could record the overall volume this year as a trail run if the Water Resources wants more detailed information.

Let me know what you think. My cell is 208-989-9901.

Thanks,

## Steve Upson

President

4512 East Ustick Road, Caldwell, ID 83605 Phone 208.459.6978

Direct 208.455.6948 Fax 208.459.1412

supson@upsoncompany.com

www.upsoncompany.com





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# State of \_Jaho 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

July 9, 2020



SLMA PROPERTIES LLC 2301 E DEER POINT CT EAGLE, ID 83616

RE: Scheduling Field Exam for Water Right Permit No. 63-32238

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 10.00 CFS of BOISE RIVER WATER for WILDLIFE AND RECREATION 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 <a href="mailto:tyler.smith@idwr.idaho.gov">tyler.smith@idwr.idaho.gov</a> 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