

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7405

Exam Date: 9/8/2023

1. Current Owner:
SAMARIA RECREATION DISTRICT
4426 W 4900 S
MALAD CITY ID 83252

2. Accompanied by: Luke Waldron
Phone No: 208-380-3522

3. SOURCE: GROUND WATER**B. OVERLAP REVIEW**

1. Place of Use: None. Water right 15-7175 was moved off the place of use on August 26, 2015, the same day Permit 15-7405 was approved. Water right 15-7175 was moved off as part of a contemplated land swap between MJ Davis Memorial Limited Partnership and Samaria Recreation District. The land swap has still not been accomplished.

2. Point of Diversion: Water right 15-7481 (0.12 cfs). Although water right 13-7175 still identifies the POD for water right 15-7405 as one of two authorized points of diversion, water right 15-7175 has not been diverted from the well since 2015.

C. DIVERSION AND DELIVERY SYSTEM**1. POINT OF DIVERSION:**

GROUND WATER SW¼ SE¼, Sec. 14, Twp 15S, Rge 35E, B.M. ONEIDA County

2. 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	
15S	35E	14															8.0		8.0

Total Acres: 8.0

Method of Determination: Site visit and 2016 aerial photo. Maximum extent of irrigation is shown in 2016 photo. Samaria Park is irrigated from the same well. There is no recorded right associated with the park. Because a portion of the proposed place of use was not developed, some of the park can be covered with this water right.

3. Delivery System: 7 hp pump delivers water to wheel line at an field and permanent sprinklers at Samaria Park. The well is also used to irrigate a field across 4400 West. The well was drilled in 2000 for MJ Davis Memorial Limited Partnership.

Metal tag: D0011944.

Flow Meter: Hidroconta, Hidromag Compact, Serial No. 20040228, 3 inch pipe

D. FLOW MEASUREMENTS

Mr. Waldron started the irrigation pump for the field exam. Maximum observed flow rate was 133.8 gpm (0.30 cfs). This rate is very similar to a previous measurement at the well. In August 2012, the Department completed a beneficial use field exam for water right 15-7175 (which was moved off the property in 2015). The examiner reported an instantaneous flow rate of 0.31 cfs.

E. FLOW CALCULATIONS

Water right 15-7481 (0.12 cfs) is also diverted from the point of diversion. Even though water right 15-7175 lists the Samaria Recreation well as one of two authorized points of diversion, the right has not been diverted from the well since 2015. Therefore, it is not included in the flow calculations. $0.30 \text{ cfs} - 0.12 \text{ cfs (WR 15-7481)} = 0.18 \text{ cfs}$. Permit 15-7405 is limited to 0.16 cfs. Therefore, license may be issued for the full 0.16 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$8 \text{ acres} \times 3.5 \text{ acre-feet/acre} = 28 \text{ acre-feet}$$

G. NARRATIVE/REMARKS/COMMENTS

In 2015, MJ Davis Memorial Limited Partnership and Samaria Recreation District agreed to swap parcels of land in Samaria townsite. As part of that agreement, MJ Davis moved water right 15-7175 off the property to be conveyed to Samaria Recreation District. The District obtained Permit 15-7405 to continue to irrigate the property to be acquired from MJ Davis. The land swap has not been completed but is still planned. Some of the acres in the original place of use were not developed. The District waters the Samaria Park from the same well, and does not hold a recorded right for that use. The 8 acres authorized under water right 15-7405 were arranged in a way that covers as much of the park as possible.

Have conditions of permit approval been met?

 X 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	04/01 to 10/31	0.16 CFS	28.0 AF

Totals: 0.16 CFS 28.0 AF

2. Recommended Amendments

_____ Change P.D. as reflected above _____ Add P.D. as reflected above X None

_____ Change P.U. as reflected above _____ Add P.U. as reflected above X None

I. AUTHENTICATION James Cefalo -

Field Examiner's Name _____ Date _____

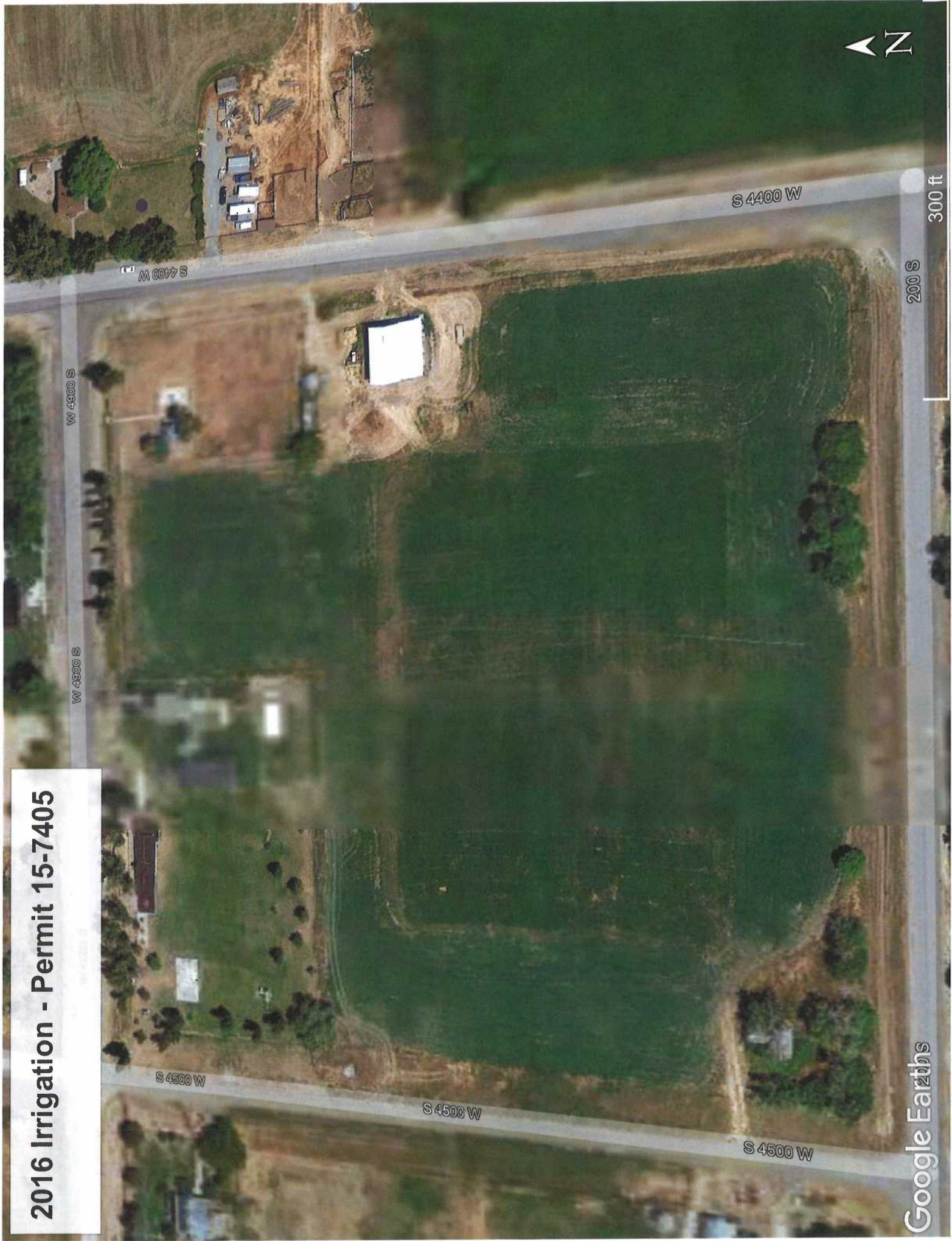
Reviewer Blake Jordan Date 9/20/2023



Maximum observed flow rate = 133.8 gpm = 0.30 cfs.



2016 Irrigation - Permit 15-7405



IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Office Use Only

Inspected by _____

Twp _____ Rge _____ Sec _____

_____ 1/4 _____ 1/4 _____ 1/4

Lat: _____ Long: _____

1. WELL TAG NO. D DOO 11 4 44
 DRILLING PERMIT NO. ~~764121~~ 764121
 Other IDWR No. _____

2. OWNER:
Name M. J. McVorie Limited Partnership
Address 2525 Hinsley apt
City Colorado Springs Colorado Zip 80914

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
 W E S
 Twp. 15 North ☐ or South ☒
 Rge. 35 East ☒ or West ☐
 Sec. 14 SW $\frac{1}{4}$ SW $\frac{1}{4}$ $\frac{1}{4}$
 Gov't Lot _____ County ONEIDA $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$
 Lat: _____ Long: _____
 Address of Well Site 130 SOUTH MAIN
 City SAMARIA
 (Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. _____ Name _____

4. USE:

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

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Extonite	0	20		Over Bore

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	Threaded
8	+1	140	250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations	Method
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
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99	99
100	100

Screens	Screen Type
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From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

21 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or
control devices: _____

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
120-180		140	1 1/2

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

[illegible]

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 Lundstrom Well Drilling Firm No. 118

Firm Official Arnold Lunkin Date 6-29-00
and

Driller or Operator _____ Date _____

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES