State of Idaho
Department of Water Resources

Water Right License

Water Right No. 63-34300

Priority: October 05, 2016 **Maximum Diversion Rate:** 0.09 CFS

It is hereby certified that:

JAMES M PROCHASKA
2304 W RIBIER DR
MERIDIAN ID 83646-5130

AND/OR

PATRICIA O PROCHASKA
2304 W RIBIER DR
MERIDIAN ID 83646-5130

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 05, 2016, and has submitted Proof of Beneficial Use on September 02, 2022. An examination confirms water is diverted from:

Source : GROUND WATER

Beneficial Use	Period of Use	Rate of Diversion
IRRIGATION	03/01 to 11/15	0.09 CFS

Location of Point(s) of Diversion
GROUND WATER SW¼ NE¼, Sec. 23, Twp 04N, Rge 01W, B.M. ADA County

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	
04N	01W	23			3.0														3.0

Total Acres: 3.0

Conditions of Approval

1. This right when combined with all other rights shall provide no more than 4.5 afa per acre at the field headgate for irrigation of the place of use.
2. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor exceed a combined annual maximum diversion volume of 13.5 af at the field headgate for the place of use.
3. The right holder shall make full beneficial use of all surface water available to the right holder for irrigation of lands within the authorized place of use for this right. The right holder may divert ground water under this right to irrigate land with appurtenant surface water rights when the surface water supply is not reasonably sufficient to irrigate the place of use for this water right or is not available due to drought, curtailment by priority, or the seasonal startup and shutoff or maintenance schedule for canal company or irrigation district deliveries. The right holder shall not divert ground water for irrigation purposes under this right if use of the surface water supply is intentionally discontinued or reduced (for example abandoned, forfeited, sold, disallowed by court decree, or leased to the Water Supply Bank), or is not deliverable due to non-payment of annual assessments, without an approved transfer pursuant to Idaho Code § 42-222 or other Department approval.

SCANNED
JAN 25 2023

State of Idaho
Department of Water Resources

Water Right License

Water Right No. 63-34300

4. Water bearing zone to be appropriated is 222 to 262 feet.
5. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

This license is issued pursuant to the provisions of Idaho Code § 42-219. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed this 20th day of January, 2023.

CODY PARKER
Water Rights Supervisor

SCANNED
JAN 25 2023

State of Idaho
Department of Water Resources

Attachment to Water Right License

63-34300

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters
Point of Diversion

0 0.035 0.07 0.14 Miles

N

RECEI[redacted]
Sep 02, 2022

Form 42-217 Rev. 6/22

DEPARTMENT OF WATER RESOURCES

FOR OFFICE USE ONLY
Amt. of Fee $ _____
Receipt No. _____
Receipted By _____
Date Receipted _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEMENT OF COMPLETION

FOR SUBMITTING PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources (Department) considers this form a statement that the permit holder(s) applied water to beneficial use and completed development of a water right to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner (CWRE).** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, complete a Notice of Change in Water Right Ownership form. If you wish to relinquish your permit because you have not established the authorized water use and are not applying for an extension, please notify the Department in writing.

1. Permit No. 63-34300 Name of Permit Holder(s) James M Prochaska and/or Patricia O Prochaska

Telephone No. 208-861-2341 Email jpiam1@outlook.com

Mailing Address 2304 West Ribier Drive City Meridian State ID Zip 83642

2. Source of Water groundwater If Ground Water (well), Date Drilled mo. 09 / yr. 2016

Drilling Permit/Tag No. 0073096 Drilling Company's Name Nu Acre Drilling LLC

3. Extent of use(s) completed **as authorized by the water right permit**:

Domestic (No. households) _____ Irrigation (No. acres) 3 Stockwater (No. and stock type) _____

Other _____

4. Total diversion rate or volume (storage only) for which proof is submitted 0.09 cfs OR _____ af

If the total developed water use is 5 acres of irrigation or less, is stockwater storage of 14.6 acre-feet or less, or has a diversion rate of less than 0.24 cfs, attach a map of the place of use and point of diversion and photographs showing beneficial use.

5. Describe the diversion and delivery system from the water source to the use (pump, lift, irrigation method, etc.)

5-hp submersible pump, buried sprinkler system and above ground portable sprinkler system

6. Permit condition compliance. Refer to the permit approval conditions and check all the items required, then check "Yes" or "No" to indicate whether the required items were established, submitted, and/or installed:

Required?	Yes	No	(If "Yes", attach required data, evidence of compliance, or evidence of installation)
☐	☐	☐	Ground water level data, pumping information, or other diversion data
☐	☐	☐	Mitigation plan
☐	☐	☐	Lockable controlling works
☐	☐	☐	Measuring device
☐	☐	☐	Fish screen
☑	☑	☐	Other requirements of the water right permit water-bearing zone and supplemental
	☐	☐	Reasonably Anticipated Future Needs ("RAFN") Municipal use

If RAFN Municipal use, additional increment of beneficial use developed? ☐ Yes (attach CWRE report) ☐ No

7. Fee Enclosed $_____ or ■ CWRE field report attached or ☐ No fee required

See fee schedule on page 3 of the instructions. Proof statements filed without an appropriate fee are incomplete.

8. Person to contact to accompany a Department representative during the field examination of the water system:

Name: _____ Telephone No. _____ Email _____

Mailing Address _____ City _____ State _____ Zip _____

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 beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

James M Prochaska — James M Prochaska — 8/29/22

SIGNATURE OF PERMIT HOLDER* PRINTED NAME AND TITLE DATE

*Attach power of attorney if completing on behalf of permit holder.

SCANNED
JAN 25 2023

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**

January 24, 2023

JAMES M PROCHASKA
PATRICIA O PROCHASKA
2304 W RIBIER DR
MERIDIAN ID 83646-5130

RE: License No. 63-34300

ISSUANCE OF LICENSE

Dear Water Right Holders:

The Department of Water Resources ("Department") has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact me at (208) 287-4910.

Sincerely,

for Cody Parker
Water Rights Supervisor

Enclosures

SCANNED
JAN 25 2023

CERTIFICATE OF SERVICE

I hereby certify that on January 24, 2023, I served a true and correct copy of Water Right License No. 63-34300 by U.S. Mail, postage prepaid, to the following:

PATRICIA O PROCHASKA (Current Owner)
2304 W RIBIER DR
MERIDIAN ID 83646-5130

JAMES M PROCHASKA (Current Owner)
2304 W RIBIER DR
MERIDIAN ID 83646-5130

HDR INC (Representative)
C/O LORI GRAVES – *via email*
300 E MALLARD DR STE 350
BOISE ID 83706-6660
Lori.graves@hdrinc.com

Debbi Judd
Technical Records Specialist

RECEIVED
JAN 25 2023

MEMORANDUM

TO: Water Right File 63-34300

FROM: Daniel Nelson – Analyst 3

DATE: September 22, 2022

SUBJECT: Licensing Review of Water Right 63-34300

The field exam for this right was performed by Certified Water Right Examiner Terry Scanlan of HDR Engineering Inc. Mr. Scanlan recommended 0.09 cfs and 13.5 acre-feet for 3 acres of irrigation.

Overlap and History:

This parcel lies within the service area of Veolia Water Corporation. This parcel has a decreed domestic water right 63-18796. Mr. Scanlan states that approximately 0.5 acres of this parcel is irrigated using the domestic portion of the system. Water right 63-18796 was decreed from a single well with a 1981 priority date. The irrigation for this property is supplied by Settler's Irrigation District. This permit was filed to provide supplemental water to the Settler's Irrigation District water right.

According to the water right file and the field report, there is a single well with 2 pumps in the well. One of the pumps is a 1.5 Hp pump for the domestic use and a 5 Hp pump for the irrigation use. The application for permit states that the original well was abandoned, and Idaho Department of Water Resources ("Department") records confirm that the well was abandoned on September 16, 2016.

The single well was drilled for irrigation purposes and has been sealed with bentonite down to 222 feet. Therefore, this well is not subject to the Basin 63 Ground Water Restricted Area limitations. I am not certain why they placed two pumps in this system, since they could of have placed a single variable speed pump in the system and still have a separation between the domestic right and this permit.

RECEIVED
JAN 25 2023

Mr. Scanlan stated that the domestic system irrigates a ½ acre (0.5 acres) and the irrigation system irrigates 3 acres. Although the shape files Mr. Scanlan supplies makes it difficult to separate out the acre amounts for each system, but the overall acres being irrigated are clearly limited to 3.5 acres. Mr. Scanlan also provides proof that the Settler's Irrigation District water can be used in this system. The photos in the field report show the surface water system, and the 2019 through 2022 aerial imagery clearly shows a line through the field where the surface water line was buried. It may be that they have had issues with the surface water pipeline.

Beneficial Use:

To provide beneficial use for a supplemental water use, we generally only ask to be shown that irrigation has occurred. In review of the aerial and Sentinel imagery, it is difficult to show consistent irrigation. However, the Sentinel imagery does appear show irrigation early in the season in the field south of the well. The yard appears to have been consistently irrigated.

This permit is a supplemental water right and can only be used when surface water is not available. The surface water system wasn't in place until 2019 or after. If the surface water system wasn't completed until recently, then that would explain why the imagery suggests that irrigation occurred before the surface water was available in late April early May.

I spoke with Department staff on this issue. Staff determined that since supplemental water is not required to be diverted unless needed, that there is adequate information available to suggest that this system is in place and supplemental irrigation could have been accomplished during the development period. Please see the history of irrigation maps attached to this memorandum.

Point of Diversion and Place of Use:

The point of diversion was and is determined by the GPS manually entered coordinates supplied in the Well Driller's Report.

As stated above and on the maps attached to this memorandum, the shape files provided by Mr. Scanlan were difficult to separate the 3.0 acres authorized by this permit and the 3.5 acres authorized by this permit and decreed water right 63-18796. Since the domestic use and the irrigation use could be diverted from a single pumping system, I am not overtly concerned with the shape file for the acres irrigated as long as the total irrigation doesn't exceed 3.5 acres. Therefore, I am going to use the 3.0-acre shape supplied by Mr. Scanlan shown in yellow in the map attached to this memorandum.

RECEIVED
JAN 25 2023

Diversion Rate and Volume:

Mr. Scanlan supplied theoretical pump information that seems reasonable for this size of system. He double checked that information with the sprinkler data, so I am reasonably confident in the information provided. The diversion rate seems reasonable.

There will be no volume on the face of the water right license for this permit, but condition WB7 will be added to limit the diversion volume to the 13.5 acre-feet calculated by Mr. Scanlan.

Conditions:

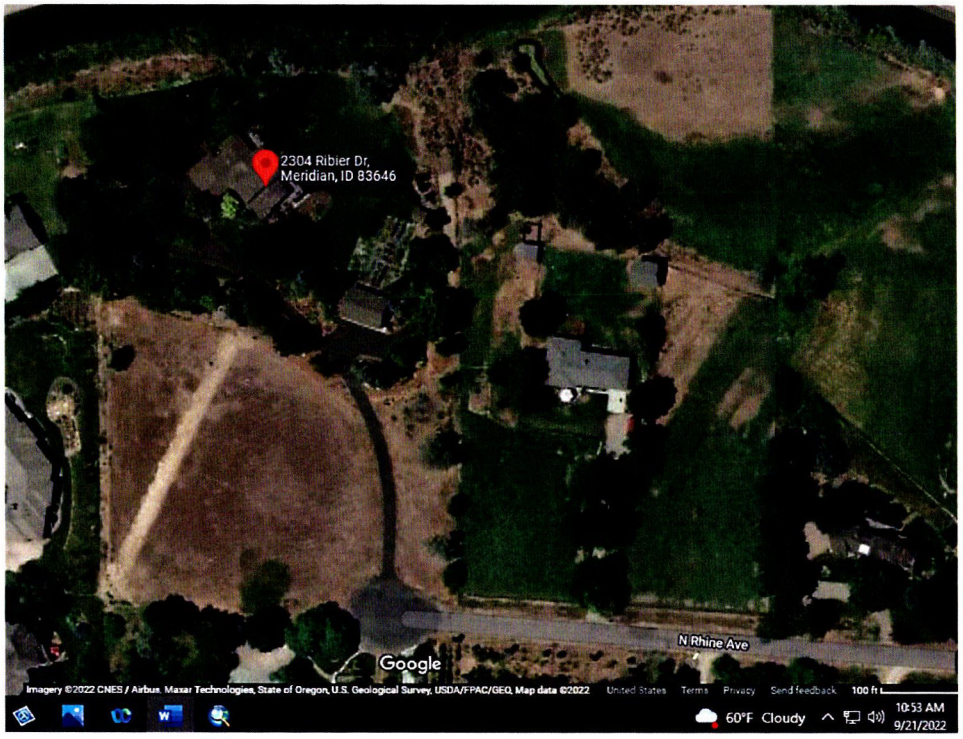
Conditions R61, WB7, and 930 should be carried forward to licensing. Conditions 065 and 105 should be replaced with condition 943 as is standard. Condition 121 should also be changed to condition 103 per Department standards. No additional conditions should be required.

RECEIVED JAN 25 2013

Permit 63-34300 Review Memorandum Maps.
The map below shows the 3.0 acres recommended for permit 63-34300 by Mr. Scanlan. The green border are the 3.5 acres I found were irrigated on this property. I am not concerned about the acres being irrigated, since the total doesn't exceed 3.5 acres. I will use the yellow border as the place of use shape as recommended by Mr. Scanlan.



2022 CNES Google Maps Aerial Imagery. (PLEASE NOTE: You can see the line from the ditch system to the new canal pump system in this aerial imagery. This may explain why there isn't adequate yearly irrigation shown in the previous maps.)

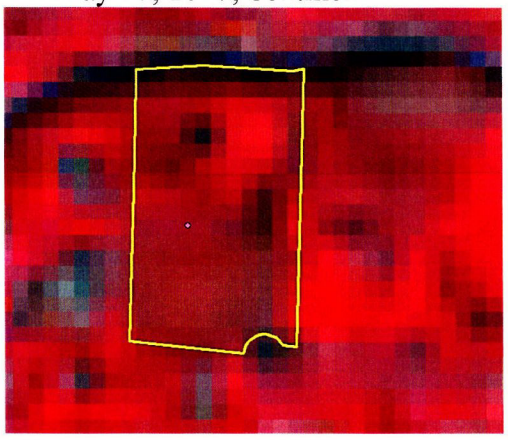


Permit 63-34300 Proof of Irrigation:

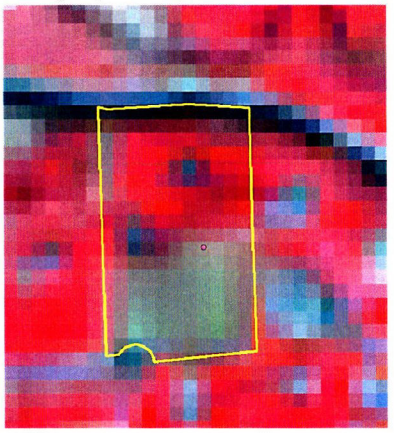
June 22, 2017, NAIP



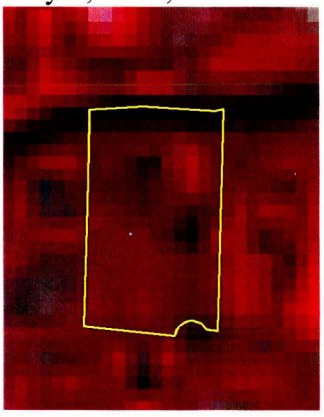
May 27, 2017, Sentinel



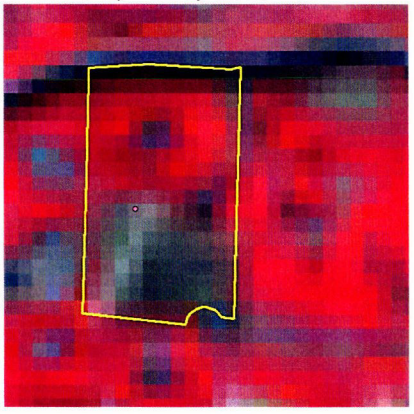
July 3, 2017, Sentinel



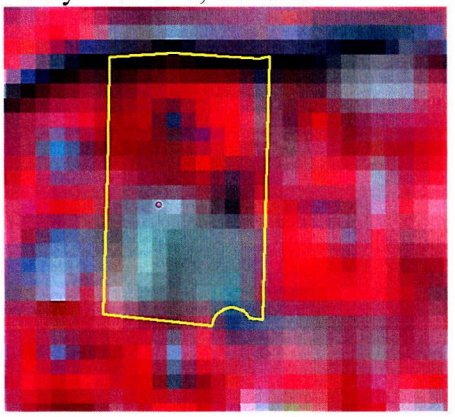
May 2, 2018, Sentinel



June 8, 2018, Sentinel



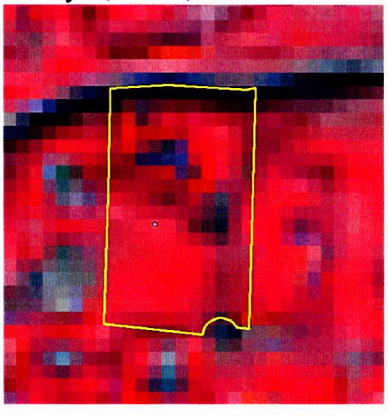
July 11. 2018, Sentinel



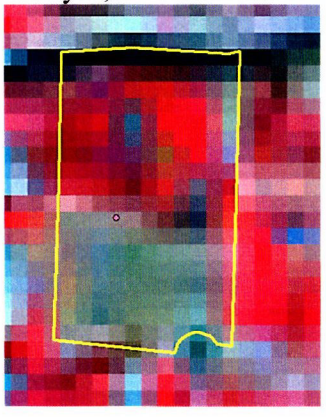
July 19, 2019, NAIP



May 4, 2019, Sentinel



July 6, 2019 Sentinel

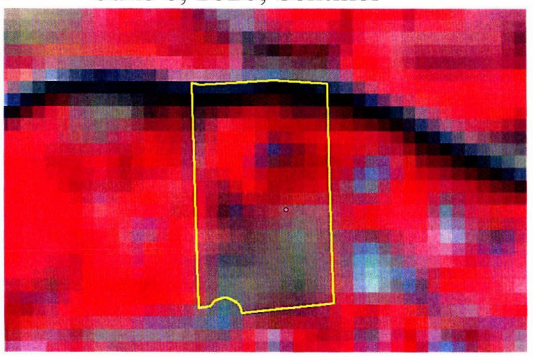


(Irrigation History Permit 63-34300 Continued)

May 1, 2020, Google Earth



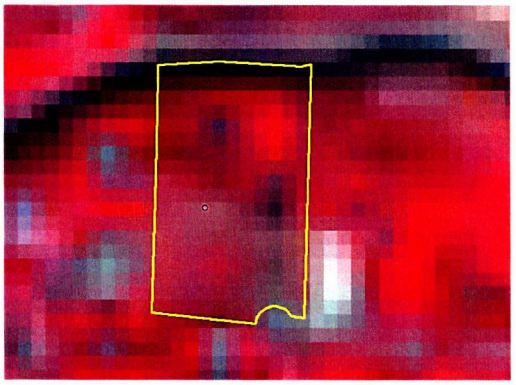
June 6, 2020, Sentinel



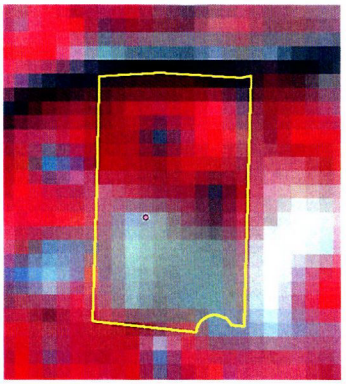
2021 NAIP



May 6, 2021 Sentinel



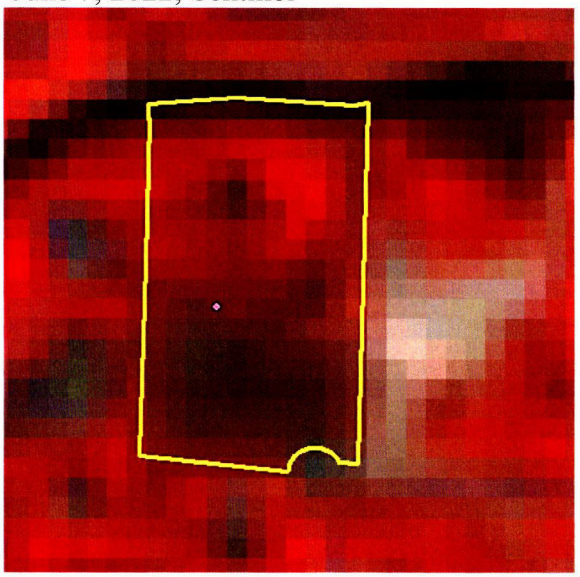
June 15, 2021 Sentinel



September 1, 2022 Google Earth

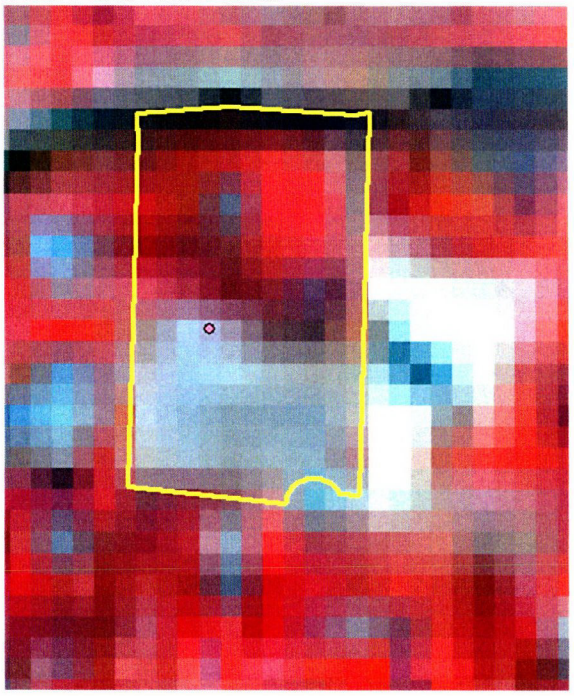


June 7, 2022, Sentinel

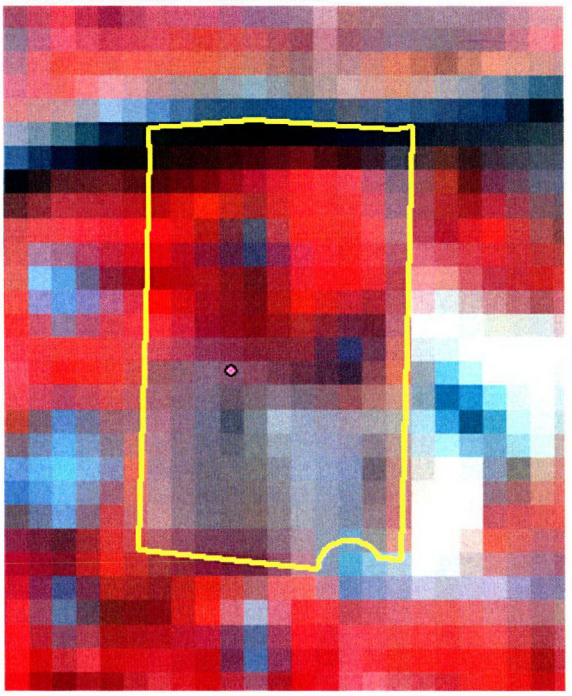


(Irrigation History Permit 63-34300 Continued)

July 30, 2022, Sentinel
First Field Exam Date



August 26, 2022, Sentinel
Second Field Exam Date



Form 219 07/11

RECEIVED
Sep 02, 2022
DEPARTMENT OF
WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

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 INFORMATION

Permit No. 63-34300

1. Owner James M Prochaska and/or Patricia O Prochaska Phone No. 208-861-2341
   Current address 2304 W Ribier Drive, Meridian, ID 83642
2. Examiner's name Terry Scanlan CWRE129 EXAM DATE 7/30/2022 and 8/26/2022
3. Accompanied by James Prochaska and Tim Claiborne Email jpiam1@outlook.com (Prochaska)
   Address (Claiborne) 3101 West Moore Street, Boise, ID 83709
   Relationship to permit holder irrigation system contractor Phone No. 208-371-6931
4. Source ground water tributary to

B. OVERLAP REVIEW

1. Other water rights with the same place of use Settlers Irrigation District (irrigation), 63-18796 (domestic)
2. Other water rights with the same source and point of diversion 63-18796 (domestic)

C. DIVERSION AND DELIVERY SYSTEM

1. **Point(s) of Diversion:**

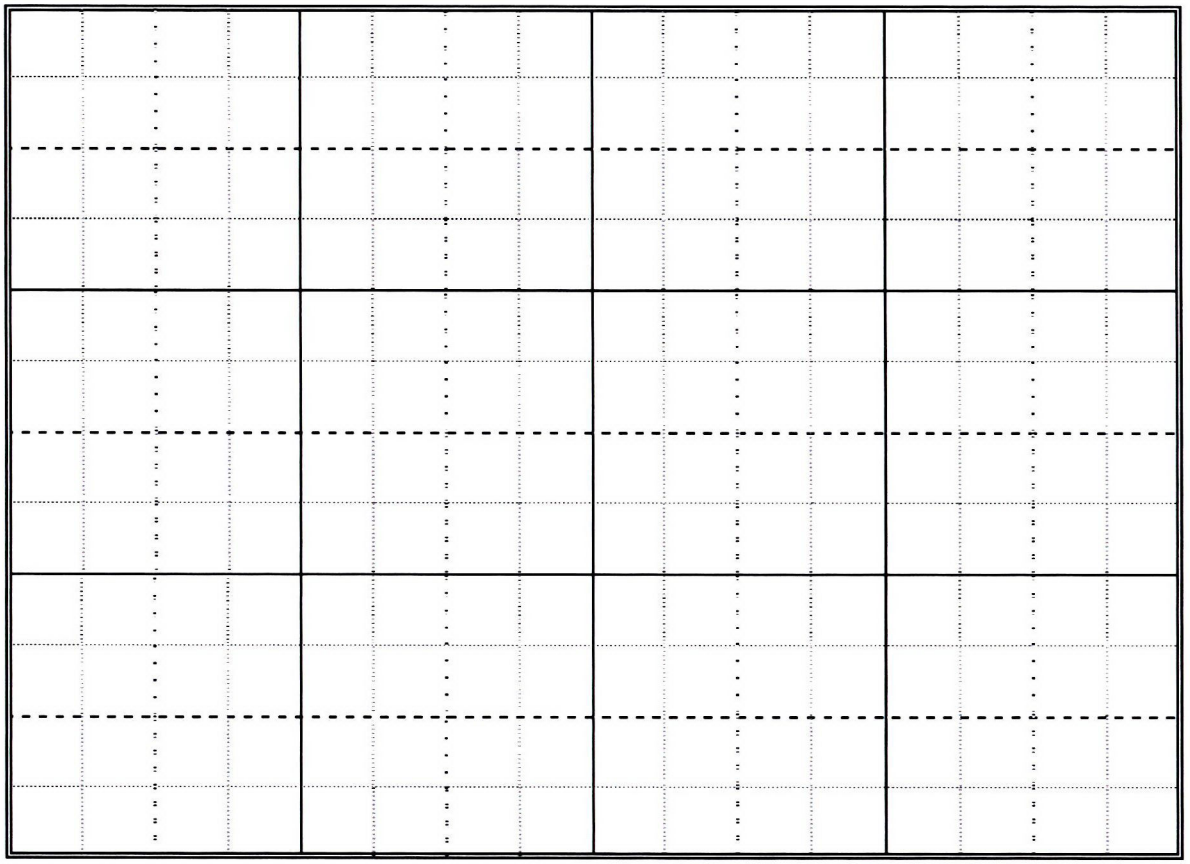
Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
		SW	SW	NE	23	04N	01W	Ada	GIS

2. **Place(s) of Use:** Method of determination

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	1W	23			3														3

JAN 25

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
D0073096	Franklin?	5	submersible	Grundfos 45S	2-inch
D0073096	Franklin	1.5	submersible	Franklin 20 gpm	1.5-inch

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
sprinkler count	33	rainbird	pop-up			

2. **Measurements:** 33 pop-up sprinkler heads rated for 1 gpm (quarter circle), 2 gpm (half circle), and 3 gpm (full circle), with majority 1/2 and full circle, with 30 psi discharge pressure - assume 2 gpm average for 66 gpm

RECEIVED JAN 2 9 2013

E. NARRATIVE/REMARKS/COMMENTS

An 8-inch well, 261 feet deep, is equipped with 2 submersible pumps. The 1.5-hp pump provides water for in-home domestic and hose bibs. The 5-hp pump discharges into a sprinkler system that provides water to 1.5 acres landscape and 2 acres of pasture. The sprinkler system is also served from a surface water pump that supplies water from Settlers Irrigation District on an approximate 7-day rotation. The surface water pump is 5-hp and is equipped with a float switch. A switch on the sprinkler controller allows the permit holder to use either the well pump or the surface water pump.

The water-bearing zone is 241 to 262 feet based on well screen interval. The well is sealed from 0 to 222 feet.

Attachment A - Place of Use and Point of Diversion Map

Attachment B - System Diagram

Attachment C - Well and Pump Information

Attachment D - Exam Photos

There are 0.4 acres irrigated from hose bib and portable lawn sprinkler using the 1.5-hp domestic pump in the same well under decreed water right 63-18796.

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?

RECEIVED JAN 23 2013

F. FLOW CALCULATIONS

☐ Additional computation sheets attached

Measured Method: Theoretical and sprinkler-head count

33 pop-up sprinklers averaging 2 gpm/head is 66 gpm (0.15 cfs)

5-hp pump with 125-foot estimated pumping level, 30 psi discharge pressure, and 25 feet friction loss in 200 feet of 2-inch drop pipe and check valve = 219 feet TDH, assume 65% pump efficiency, 5 hp x 3960 x 65% / 219 = 59 gpm (0.13 cfs). Limit to 0.09 cfs based on permit rate.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R}$ = (Acres Irrigated) x (Irrigation Requirement) = 3 ac x 4.5 af/ac = 13.5 af

$V_{D.R}$ = [Diversion Rate (cfs)] x (Days in Irrigation Season) x 1.9835 = 0.09 cfs x 260 x 1.985 = 46.4 af

V = Smaller of $V_{I.R.}$ and $V_{D.R.}$ = 13.5 af

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From	Period of Use To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
irrigation	3/1	11/15	0.09	13.5
		Totals:	0.09	13.5

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 Terry M. Scanlan Date September 2, 2022

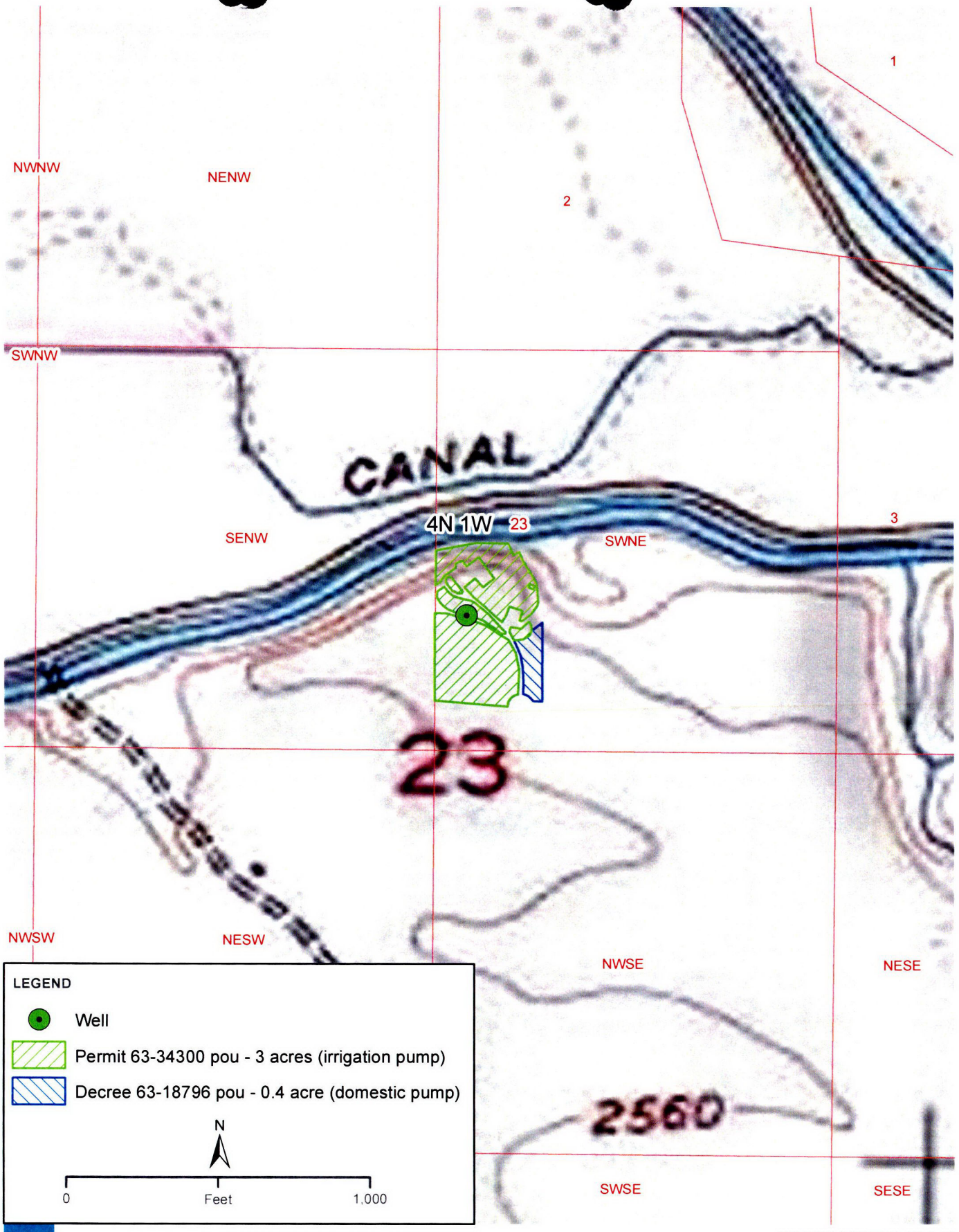
Reviewer _____ Date _____

PROFESSIONAL ENGINEER LICENSED SEAL 6266 STATE OF IDAHO TERRY M. SCANLAN

SCANNED JAN 25 2023

Attachment A

Place of Use and Point of Diversion Maps



DATA SOURCE USA Topo Map

BUFE TOPO MAP

PERMIT 63-34300

JIM PROCHASKA

PATH: S:\PROJECTS\M THRU R PROJECTS\P PROJECTS\PROCHASKA, JIM_1302\10342905_WATER RIGHTS\PROJECT\GIS\ARCMAP_PROJECTS\BUFE MAP (TOPO).MXD - USER: LGRAVES - DATE: 8/28/2022

PROJECT #10342095



DATA SOURCE: Metro World Imagery 2020

BUFE AERIAL PHOTO MAP

PERMIT 63-34300

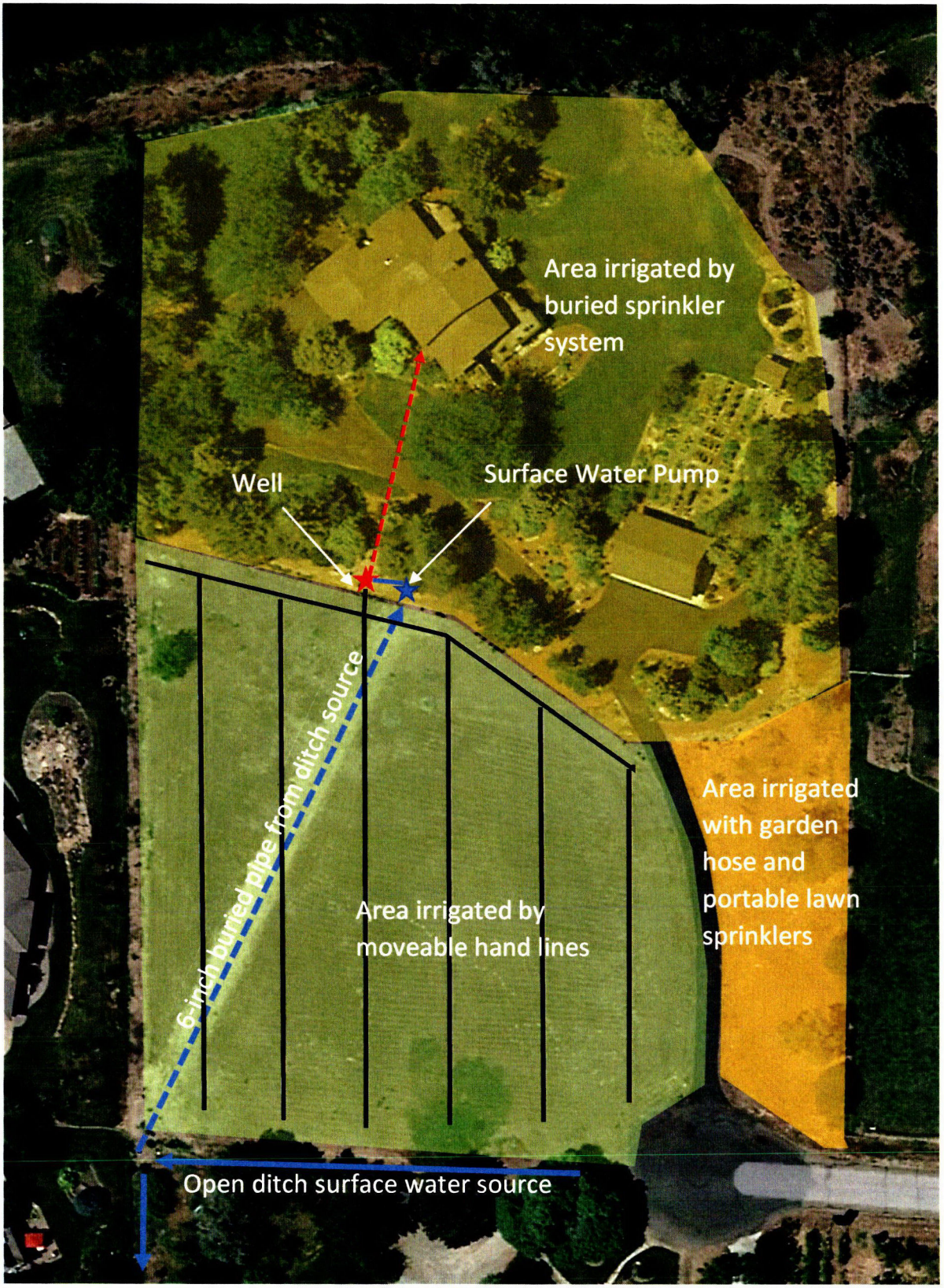
JIM PROCHASKA

PATH: S:\PROJECTS\M THRU R PROJECTS\P PROJECTS\PROCHASKA, JIM_1302\10342905 WATER RIGHTS\PROJECT\GIS\ARCMAP_PROJECTS\BUFE MAP (AERIAL).MXD - USER: LGRAVES - DATE: 8/26/2022

PROJECT #10342095

Attachment B
System Diagram

JAN 23 2003


Area irrigated by buried sprinkler system
Well
Surface Water Pump
6-inch buried pipe from ditch source
Area irrigated by moveable hand lines
Area irrigated with garden hose and portable lawn sprinklers
Open ditch surface water source

Attachment C
Well and Pump Information

Form 238-7
6/07

63

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0073096
Drilling Permit No. 974041-880098
Water right or injection well #

2. OWNER:
Name James Prochaska
Address 2304 W Ribier
City Meridian State ID Zip 83646

3.WELL LOCATION:
Twp. 4 North ☒ or South ☐ Rge. 1 East ☐ or West ☒
Sec. 23 ____ 10 acres 1/4 S/W 40 acres 1/4 N/E 160 acres 1/4
Gov't Lot ____ County Ada
Lat. 43 ° 40.277 (Deg. and Decimal minutes)
Long. 116 ° 25.392 (Deg. and Decimal minutes)
Address of Well Site 2304 W Ribier
(Give at least name of road + Distance to Road or Landmark) City Meridian
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 ft³)	Placement method/procedure
3/4 bentonite	0	222	11,250lbs	pour from surface

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
8	+1.5	18	.250	steel	☒	☐	☒	☐
8	18	238	sdr17	pvc	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method
Manufactured screen ☒ Y ☐ N Type 25 slot Johnson V wire
Method of installation direct attach with stainless taper & bottom

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
241	261	25		6"	stainless	.250

Length of Headpipe N/A Length of Tailpipe 1/4" stainless
Packer ☐ Y ☒ N Type

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
8/12 Colorado	222	262	2,700LBS	pour from surfac
8/16 Oregon	262	291	3,000ish lbs	pour from surfac

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) 50 Static water level (ft) 32
Water temp. (°F) 58ish Bottom hole temp. (°F) cold
Describe access port removable well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
261	100+	120

Test method: Pump ☐ Bailer ☐ Air ☒ Flowing artesian ☐

Water quality test or comments:

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	Water N
14.75	0	2	topsoil		x
	2	6	clay		x
	6	30	gravel		x
	30	50	brown sticky clay		x
	50	96	sand with a few thin clay layers	x	
	96	148	brown clay		x
	148	154	sand	x	
	154	162	clay		x
	162	170	sand	x	
	170	191	clay		x
	191	197	sand	x	
	197	200	clay		x
	200	209	sand	x	
	209	213	clay		x
	213	218	sand	x	
	218	226	clay		x
	226	239	sand	x	
14.75	239	243	tan clay		x
12.25	243	246	sand	x	
	246	249	tan clay		x
	249	254	sand	x	
	254	257	sand with a little clay mixed	x	
	257	276	tan clay		x
	276	281	sand had some red color	x	
12.25	281	291	clay with thin sand streaks 8" or less		x

RECEIVED
SEP 23 2016
WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 261
Date Started: Sep 6, 2016 Date Completed: Sep 10, 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 Nu Acre Drilling LLC Co. No. 701
*Principal Driller [signature] Date Sep 11, 2016
*Driller Date
*Operator II Date
Operator I Date

* Signature of Principal Driller and rig operator are required.

RECEIVED
JAN 25 2017

From: Dave Bruce
To: Scanlan, Terry; Burgess Service Request
Subject: RE: Jim Prochaska Well Pumps 2304 Ribier Drive, Meridian
Date: Friday, August 5, 2022 10:41:27 AM

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Terry,

Have a look and let me know if you need more information.

5hp Irrigation (in case you need):

- Centrifugal 5hp 3ph Munro Pump
- Danfoss 5hp Aquadrive W/transducer
- Installed approx. 7/13/18
- https://www.munropump.com/Products/Pumps/Centrifugal/Munro-LP-3005 (click on the curves tab)

1.5hp Well:

- Submersible 1.5hp 1ph 4in Franklin 20gpm
- Installed approx. 9/14/16
- Set at 140ft
- Curve attached

5hp Well:

- Submersible 5hp 1ph 4in Grundfos 45gpm
- Deluxe control box
- Installed approx. 9/14/16
- Set at 130ft
- https://product-selection.grundfos.com/us/products/sp-sp-g/sp-north-america/45s50-9-98924280?tab=variant-curves

Thank you,

Dave Bruce
Project Manager/Business Development
Burgess Pump and Supply, LLC
Cell: (208) 579-9315
Office: (208) 585-6202

From: Scanlan, Terry <Terry.Scanlan@hdrinc.com>
Sent: Saturday, July 30, 2022 1:11 PM
To: Burgess Service Request <service@burgesspump.com>
Subject: Jim Prochaska Well Pumps 2304 Ribier Drive, Meridian

[redacted] [redacted]

I am helping out Jim Prochaska on a water right matter and need to know the model numbers, setting depths, etc. for his two well pumps. One is a 5-hp and the other is a 1 or 1.5. If you could email me that information, I would appreciate it. Thanks.

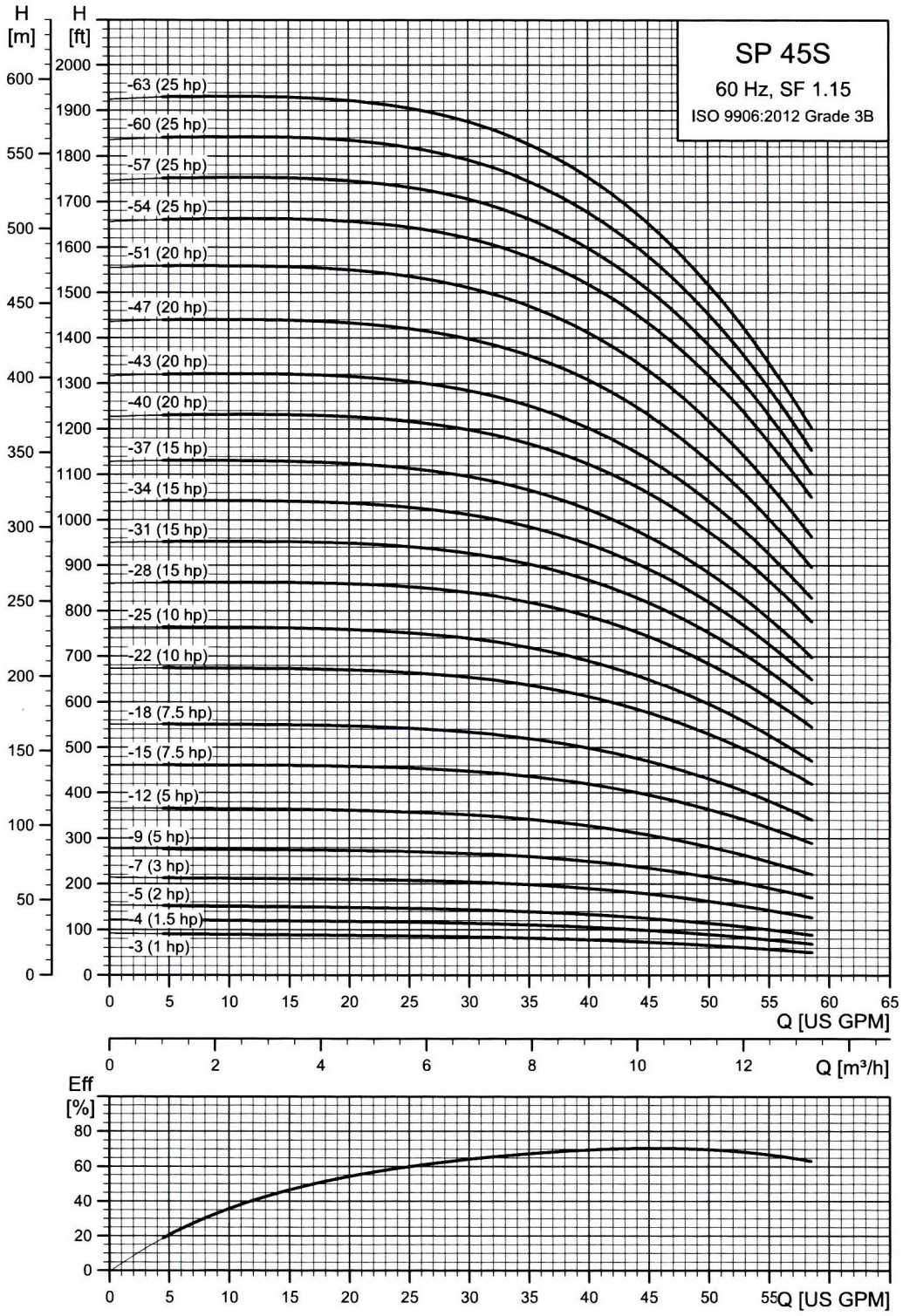
Terry M. Scanlan, P.E., P.G.
Principal Engineer

We are now HDR | SPF
412 E. Parkcenter Boulevard., Suite 100
Boise, ID 83706
D +1.208-872-9530 **M** +1.208-861-4758
Terry.Scanlan@hdrinc.com
hdrinc.com/follow-us
spfwater.com

RECEIVED
JAN 25 2021

5-hp well pump
46 gpm at 300 feet TDH
56 gpm at 220 feet TDH
130-foot setting depth

4" and larger wells - continued
SP 45S (45 gpm)

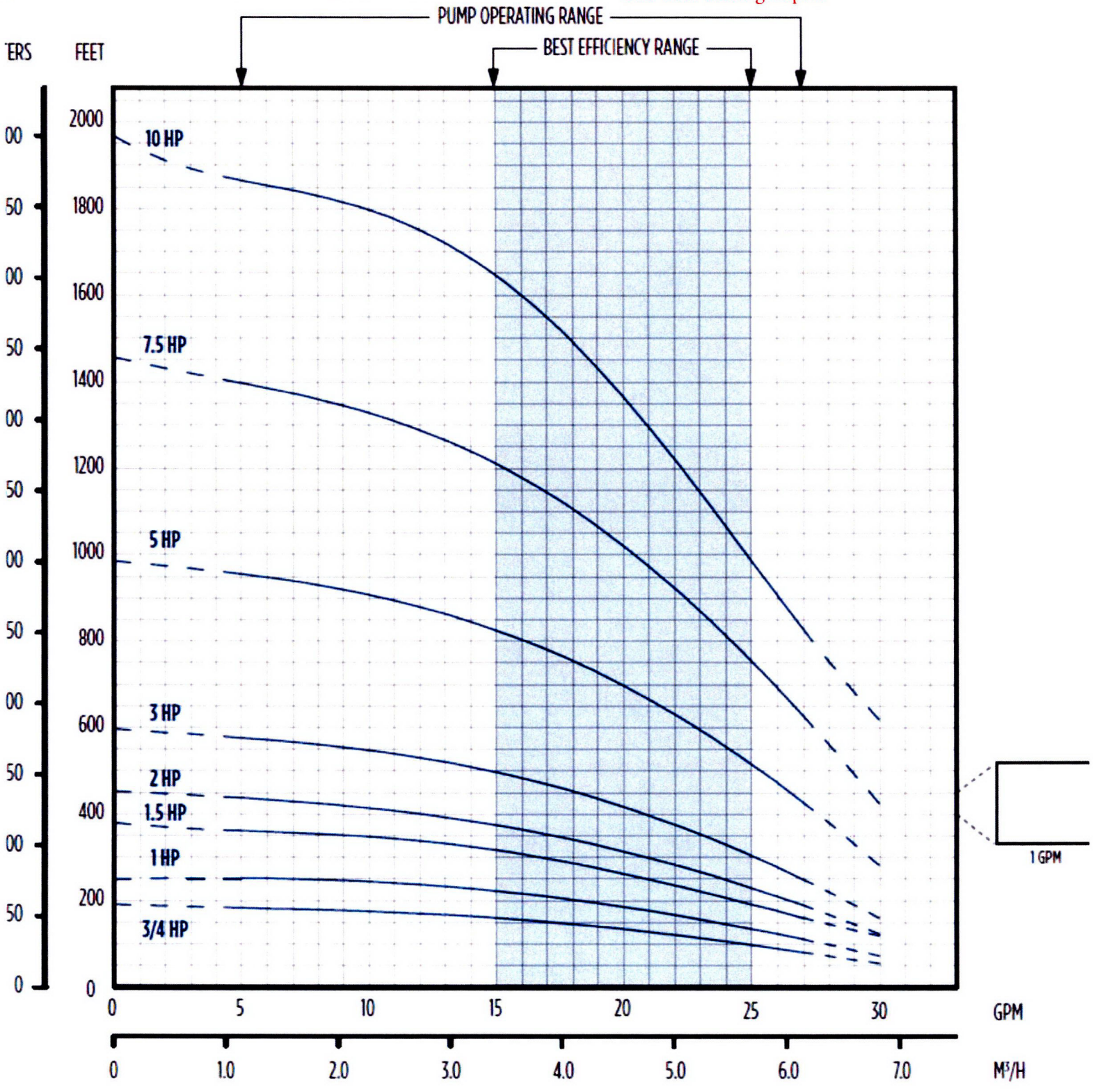


TM06 4616 3215

nklin Electric 4400 Tri-Seal 20 GPM Submersible Pump Curve

1.5-hp well pump,
20 gpm at 250 feet TDH,
140-foot setting depth

ERFORMANCE



5-hp surface water pump
75 gpm at 148 feet TDH

67 gpm at 65 psi

Munro LP 3005

Perfect for mid-size turf applications like athletic fields or small pastureland, this 5 horsepower pump provides professional-grade performance, easy maintenance, and long life. Built with components proven to perform, this pump is a heavy-duty workhorse.



- **Brass impeller** – durable and low maintenance with the longest life in its class
- **Stainless steel wear ring** – eliminates impeller friction due to rust build-up
- **Heavy-duty motor** – lasts longer and provides application flexibility

COMMON APPLICATIONS

- Turf irrigation: Residential, community or commercial turf irrigation
- High-pressure booster
- Water transfer

ADVANTAGES

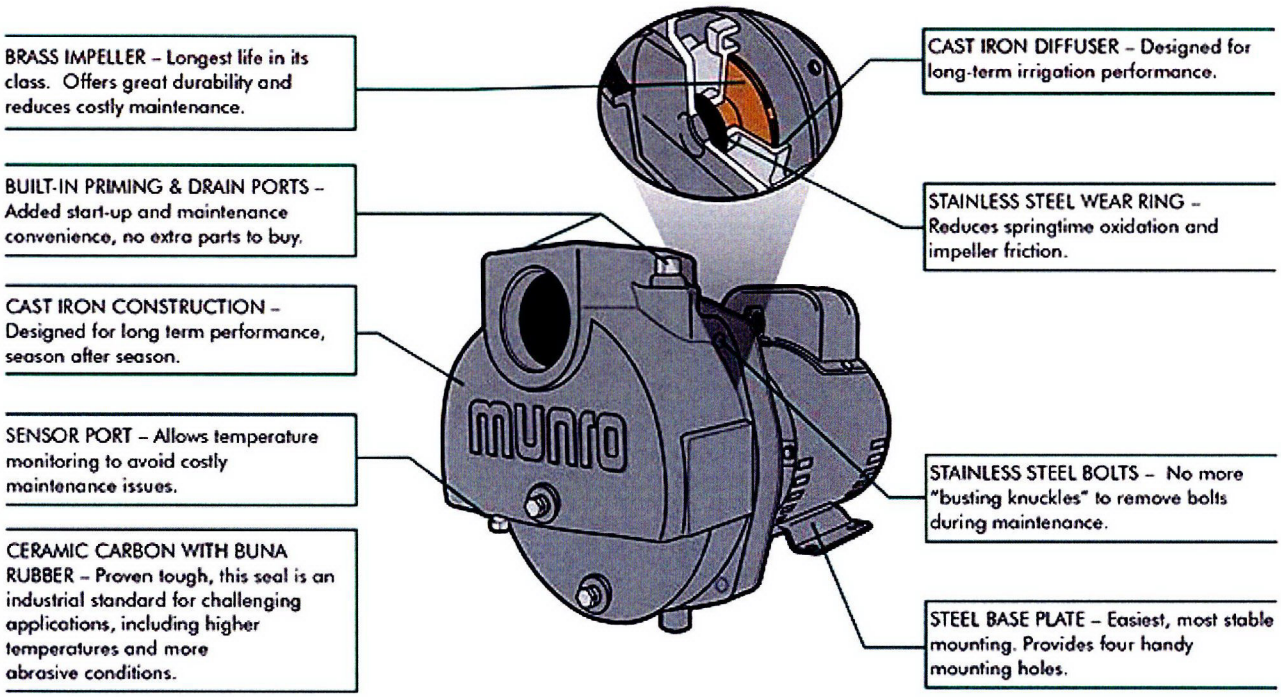
Industry leading performance to horsepower – The proof is in our curves. Compared to other 5 horsepower pumps, the Munro LP 3005 has much stronger performance. With high starting torque and an efficient run cycle, our pumps truly lead the pack.

Durable and long lasting – At this horsepower rating, performance requirements lead most pump manufacturers to use heavy-duty materials similar to those that come standard on all of our models. But look closely... we're building the toughest pumps around. Our cast iron construction and brass impeller mean that our self-priming pumps are built to stand the test of time, even in more unusual or difficult environments.

Easy to install and maintain – With two priming ports and a durable steel base plate, installing a Munro LP 3005 is a snap. When it's time to maintain or winterize the pump, you'll love our two drain plugs. A stainless steel wear ring reduces oxidation and friction, minimizing wear and repairs. If you do have to service the pump, stainless steel bolts provide easy access.

Related Products

JAN 2 5 2008



Specifications - Pump

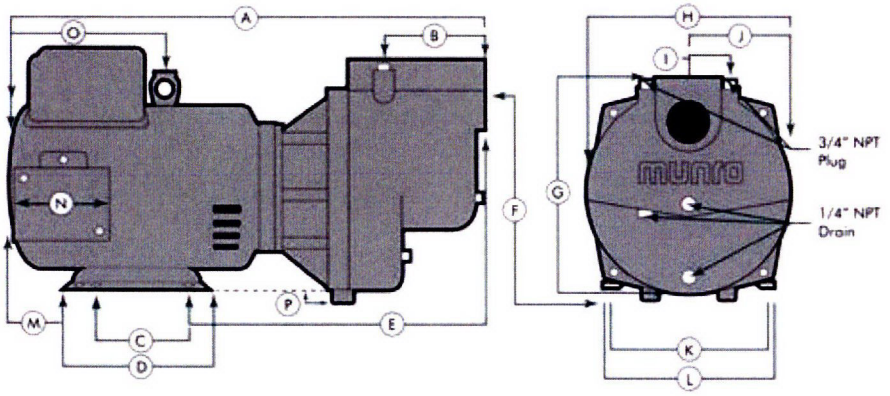
HP	Phase	Discharge	Suction	Approx Ship Weight/Lbs	Max Liquid Temperature	Model Number
5	1	3"	3"	151	180°	LP3005B
5	3			121		LP3005B3

Specifications - Motor

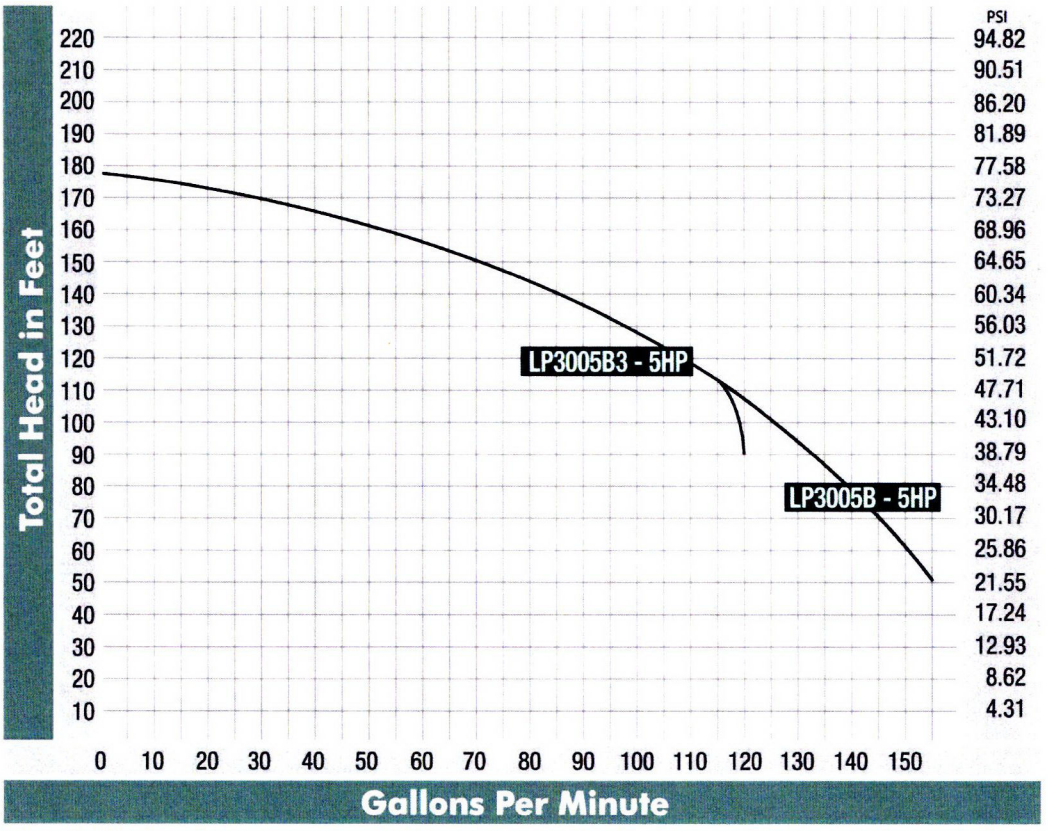
HP	Phase	Voltage	Hz	RPM	Motor Voltage (Factory) Connected	Service Factor Amps						Model Number
						Single Phase			Three Phase			
						115V	208V	230V	208V	230V	460V	
5	1	208/230	60	3450	230V	--	27	24.5	--	--	--	LP3005B
5	3	208-230/460				--	--	--	--	14	7	LP3005B3

For amperage ratings consult motor nameplate.

Dimensions



HP	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
5	21 3/4"	4"	4 1/2"	6 1/2"	13 1/2"	9 1/2"	12 5/8"	11"	3 1/8"	5 5/8"	7 1/2"	8 1/2"	2 1/2"	4 1/4"	7 1/2"	1 1/2"



Performance

HP	Capacity - U.S. Gallons per Minute Discharge Pressure (PSI) at 5' Suction Lift											Shut Off Pressure Psi	Model Number
	20	25	30	35	40	45	50	55	60	65	70		

5	--	--	145	137	132	123	110	98	85	67	47	75	LP3005B
5	--	--	--	--	--	120	110	98	85	67	47	75	LP3005B3
5	--	160	154	145	135	130	116	107	95	84	63	78	LP3005B3B

Suction lift varies, depending upon elevation (altitude) and water temperatures. Max lift is 15 feet at 5000 feet elevation. Maximum case pressure is 100 PSI.

Attachment D

Exam Photos



Well head. Visible piping is the discharge from 5-hp well pump. Pump discharges through tee at top of well, then through backflow preventer, then to connection with surface water (visible vertical pipe in back), then to connection to buried sprinkler systems (behind well casing to buried and black poly pipe to the right to pasture). The 1.5-hp domestic system pump discharge through a buried pitless adapter for freeze protection.



Alternate view of well and 5-hp pump discharge piping (looking east). Above-ground header pipe for 1.5-acre pasture area with movable handline on right. Surface water pump and wet well in background.



Lawn and landscape on north side of house



Lawn and landscape on north and east side of house

SCANNED
JAN 25 2023



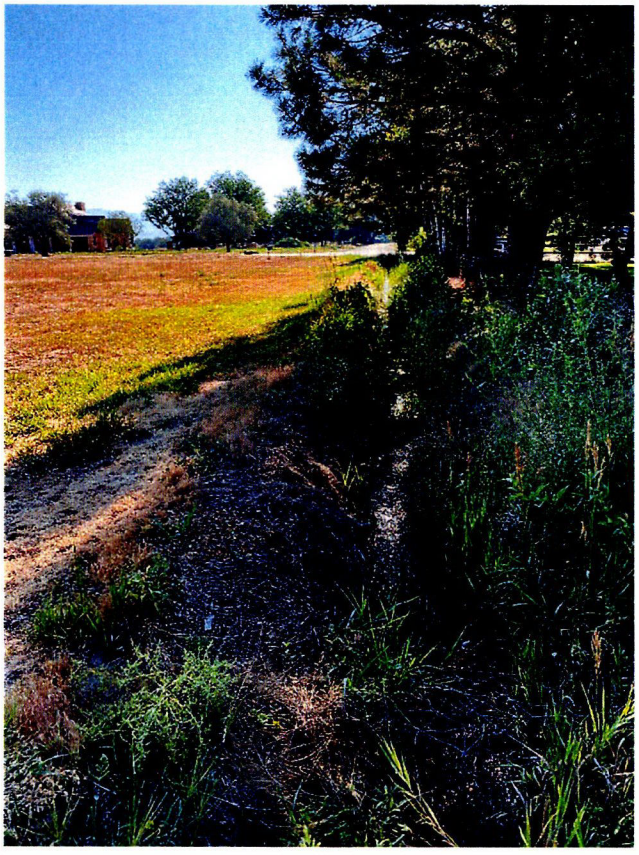
Garden east of house



Header pipe and portable sprinkler line in pasture area southwest of well



Portable sprinklers in pasture



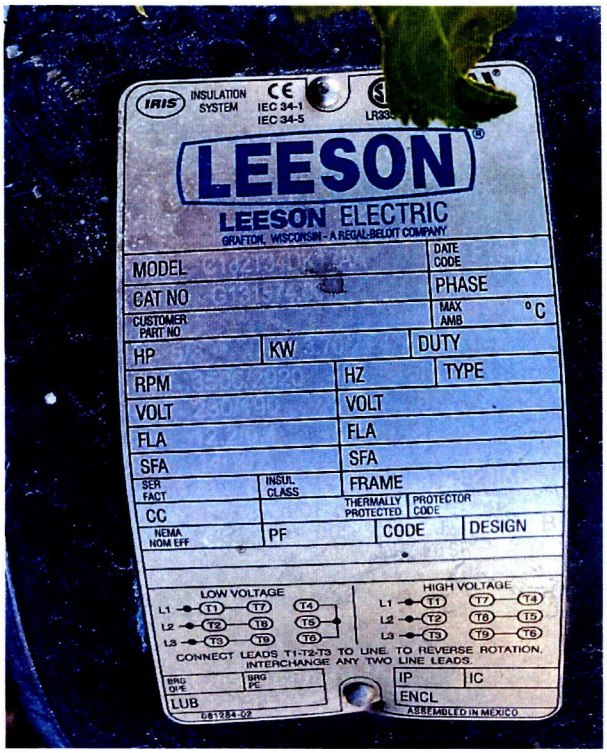
Settlers Irrigation District supply flows east to west near southern boundary of parcel



Settlers Irrigation District water flows from ditch into this structure near SW corner of parcel, then through 6-inch buried pipe to a pump sump east of the groundwater well.



5-hp ditch pump used for pumping surface water into sprinkler system. Pump draws from a pump sump (wet well) fed through 6-inch buried gravity pipe from ditch. It is equipped with a pressure transducer for variable speed control, a float switch low-water-level protection, self-cleaning suction screen, and discharge pressure filter. Well is located in background. Header pipe for movable pasture sprinklers on left.



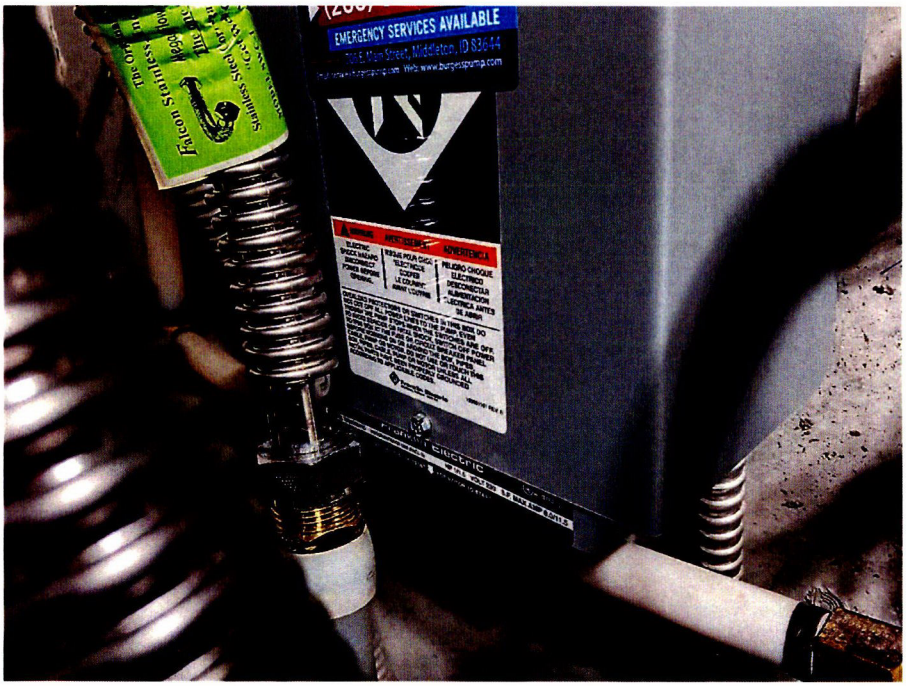
Nameplate on 5-hp motor for surface water pump



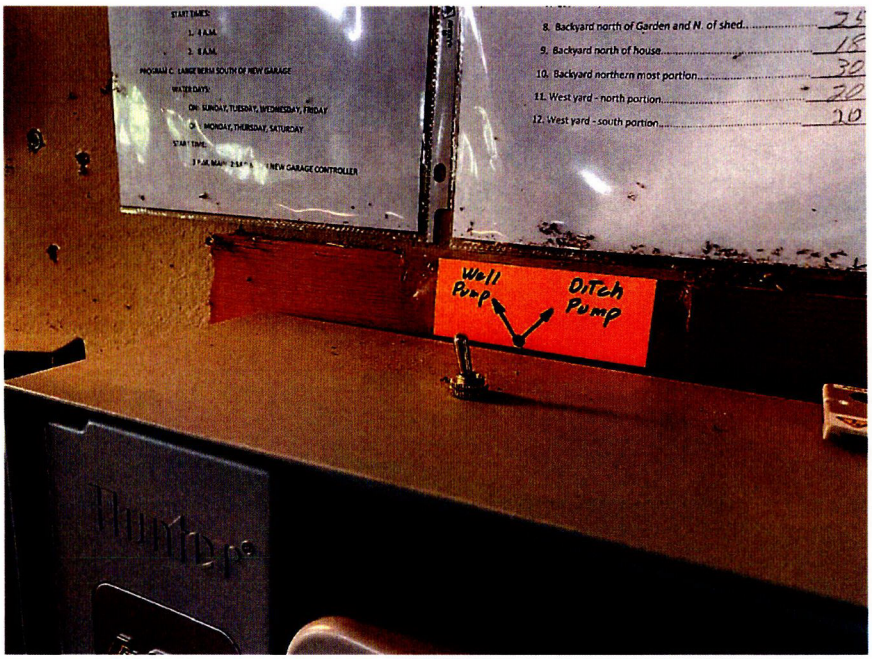
Variable frequency control for surface water pump



Pump motor control for 5-hp submersible well pump used for irrigation



Pump motor control for 1.5-hp submersible well pump used for domestic



Sprinkler controller in garage with toggle switch on top that allows use of either well pump or ditch pump.

Veibell, Amanda

From: Scanlan, Terry <Terry.Scanlan@hdrinc.com>
Sent: Friday, September 2, 2022 8:41 AM
To: IDWR File
Cc: Nelson, Dan; Jim Prochaska
Subject: 63-34300 Proof and BUFR
Attachments: 63-34300 signed statement of completion.pdf; 63-34300 Beneficial Use Field Report.pdf

CAUTION: This email originated outside the State of Idaho network. Verify links and attachments BEFORE you click or open, even if you recognize and/or trust the sender. Contact your agency service desk with any concerns.

On behalf of James and Patricia Prochaska, attached please find a statement of completion for proof of beneficial use and a beneficial use field report for permit 63-34300. Please contact me with any questions. We look forward to receiving a license for this permit.

Terry M. Scanlan, P.E., P.G.
Principal Engineer

We are now HDR | SPF
412 E. Parkcenter Boulevard., Suite 100
Boise, ID 83706
D +1.208-872-9530 M +1.208-861-4758
Terry.Scanlan@hdrinc.com
hdrinc.com/follow-us
spfwater.com

Beneficial Use Proof Evaluation

Permit Number: 63-34300 Reviewer: djudd Review Date: 9/13/2022

Acceptability

1) Is the contact on the request the current permit holder? Yes
2) Does the address of record need to be updated? No
3) Proof Submitted Date: 9/2/2022
4) Proof Due Date: 2/1/2027
5) Days added for weekend due date? 0
6) Days added for holiday due date? 0
7) Number of days late: -1613
8) Proof received timely? Yes

Analysis

1) Are the water uses correct? Yes
2) Are one of the following items required?
    a. Measuring Device -- No
    b. Lockable Device --No
    c. Fish Screen -- No
3) Are the required items installed?
    a. Measuring Device --
    b. Lockable Device --
    c. Fish Screen --
4) Is there a request to waive the required items?
5) Drilling Permit Number:
6) Is a drilling permit upgrade needed?
7) Was a well drillers report filed?
8) Is proof accepted? Yes

Fees

1) Is a licensing exam fee required? No
2) Was proof submitted with an exam report from a CWE? Yes
3) Filing fee due: $0.00
4) Filing fee submitted: $0.00
5) Remaining fee or (refund): $0.00

Receipt IDs

W044688

Comments

CWE