MEMORANDUM

To: **Water Right File No 63-32680, 63-33207, 63-33296, 63-34038, 63-34221, and 63-34202**

From: **Ashley Ritter**

Date: **May 15, 2023**

Re: **Annual Monitoring Report CS Development, LLC (J R Simplot Co) Review**

Intro

On April 27, 2023, HDR Engineering, Inc. (HDR) submitted 2022 Monitoring Report for Water Right Permit Nos. 63-32680, 63-33207, 63-33296, 63-34038, 63-34221, and 63-34202 ("Report") with excel files containing water level data. HDR submitted these items on behalf of J R Simplot Company, the permit holder of the above-mentioned (six) rights.

Annual reports are a requirement of the Monitoring, Recording, and Reporting Plan for Permits 63-32680 and 63-33296. (A copy of the monitoring plan can be found in water right file 63-32680). On demand reports are requirements of permits 63-33207, 63-34038, 63-34221, and 63-34202.

In summary, the annual monitoring plan requires annual reporting of any physical changes to the works; monthly and total volumes diverted during the reporting period; depth to water in all wells prior to pumping and during pumping; submittal of raw data in MS Excel and hydrographic analysis of the raw data. The on-demand reporting for 63-33207, 63-34038, 63-34221, and 63-34202 require similar submittals.

Conclusions

The reporting plan for the above-mentioned permits have been satisfied. Please see the report for all specific numerical values and details regarding physical changes to the works; monthly and total volumes diverted during the reporting period; and depth to water in all wells prior to pumping and during pumping.

Copy of 2023 Report can Be found in WR file 63-32680 + 63-33296

RECEIVED
Apr 27, 2023
DEPARTMENT OF
WATER RESOURCES

April 24, 2023

Ashley Ritter
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Subject: *Annual Monitoring Report for Permits 63-32680, 63-33207, 63-33296, 63-33884, 63-34038, 63-34202, 63-34221, 63-34373, 63-34374 and 63-34385*

Dear Ashley:

Accompanying this letter, please find one copy of the 2022 monitoring report for permits 63-32680, 63-33207, 63-33296, 63-33884, 63-34038, 63-34202, 63-34221, 63-34373, 63-34374 and 63-34385.

This report complies with the annual report requirement for permits 63-32680 and 63-33296. Although annual reports are not required for the other permits listed above, they all have monitoring requirements and share some of the same diversion points and places of use, so we have combined the monitoring data into a single comprehensive report. An excel spreadsheet of the water level data (Appendix C) will be provided to IDWR in a separate email through a file sharing website.

Please contact me with any questions.

Sincerely,

Patrick Kelly
Project Hydrologist

Enclosure: 2022 Annual Monitoring Report

cc:	Steve Meyer	CS Beef Packers
	Vic Conrad	JR Simplot Company
	Ann Vonde	Attorney for Idaho Department of Corrections
	Michael Lawrence	Attorney for Veolia

hdrinc.com

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(208) 872-9500

RECEIVED
Apr 27, 2023
DEPARTMENT OF
WATER RESOURCES

2022 MONITORING REPORT FOR WATER RIGHT PERMIT NOS. 63-32680, 63-33207, 63-33296, 63-33884, 63-34038, 63-34202, 63-34221, 63-34373, 63-34374 AND 63-34385

Prepared for:

CS Beef Packers, LLC
17365 South Cole Road
Kuna, ID 83634

Prepared by:

HDR Engineering, Inc.
412 E. Parkcenter Blvd, Suite 100
Boise, Idaho 83706
(208) 387-7000

April 24, 2023

Executive Summary

This report is the ninth annual report prepared as required by the monitoring plan for water right permits 63-32680 and 63-33296 and the seventh annual report prepared for permits 63-34038 and 63-33207. Additionally, this is the fifth year that this report contains data for permits 63-34202 and 63-34221. Permit 63-34385 was acquired by CS Property Development LLC in October 2019 and is included in this report. Permits 63-33884, 63-34373 and 63-34374 were acquired by CS Property Development LLC in January 2022 and have been added to this report.

2022 Permit Activities

1. Nine irrigation supply wells (Irrigation Wells No. 1, 2, 3, 4, 6, 7, 9, 10 & 12), a monitoring well, and two industrial supply wells (Plant Wells No. 1 and No. 2) for the CS Beef packing plant were monitored in 2022.
2. Based on the surveyed measuring point elevation at the Monitoring Well, static water-level elevations ranged from approximately 2591.97 feet on March 23, 2022 to 2585.93 on Sep. 20, 2022 fluctuating 6.3 feet. Water levels were 0.14 feet lower on January 1, 2023, than January 1, 2022.
3. Three of the nine irrigation wells (Nos. 10, 11, and 12) were not used during the 2022 irrigation season. Irrigation Well No. 5 is connected to the irrigation system but was not monitored in 2022. Monitoring of Irrigation Well No. 5 has commenced in 2023. Irrigation Well No. 9 was used for irrigation in 2022 but did not have power to the measurement equipment. Power has been restored to the unit for the 2023 season. The total combined diversion volume for the remaining six irrigation wells in 2022 was 3,349 acre-feet.
4. Total diversion volume in 2022 from the plant wells was approximately 1,625 acre-feet. Estimated 2022 volume was approximately 9.1 percent higher than the volume in 2021.
5. Permits 63-33207 and 63-34038 authorize a total maximum diversion rate of 7.00 cfs, able to produce 3,600 af for industrial use annually. Diversion volume for industrial use was within permit limits.

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1. BACKGROUND

1.1. Applicable Water Right Permits

Ten water right permits utilize wells monitored under this monitoring program. Water right permit reports are provided as Appendix A and the permits are described below.

1.1.1. Permits 63-32680 and 63-33296

Kuna Cole-880, LLC, Azel Development Group, LLC, Boise Investment Group, LLC, Noelle Holdings, LLC, as tenants in common, applied for water right permit 63-32680 on May 22, 2007. The water right application sought 7.0 cfs for municipal use by 2250 homes as part of a proposed planned community. The application was amended on September 1, 2009, to seek 5.22 cfs for irrigation of 261 acres, and was subsequently assigned to Kirkwood Bank & Trust Company on September 22, 2011.

Kuna Cole-880, LLC, Azel Development Group, LLC, Boise Investment Group, LLC, Noelle Holdings, LLC, as tenants in common, applied for water right permit 63-33296 on November 6, 2009. The water right application sought 15.22 cfs for irrigation of 761 acres. The application was assigned to Kirkwood Bank & Trust Company on September 22, 2011, and was subsequently amended to seek 10.46 cfs for irrigation of 521 acres on January 12, 2012.

Both permit applications were protested by United Water Idaho and the Idaho Department of Corrections. A stipulation was entered between the protestants and the applicant to settle the protests. The stipulation included combined limits on diversion rates and irrigated acres, and the requirement for compliance with an approved monitoring plan (Appendix A). The monitoring plan requires monitoring of water levels and pumping volumes, and includes specific requirements for monitoring equipment at a dedicated monitoring well and at each supply well

Kirkwood Bank assigned the permits to Ray and Susan Montierth on March 14th, 2014. Ray and Susan Montierth assigned the permits to J.R. Simplot Company on January 6, 2015. J.R. Simplot Company assigned the permits to CS Property Development LLC on April 6, 2016. Statements of completion for submitting proof of beneficial for 63-32680 and 63-33296 were submitted to the Idaho Department of Water Resources (IDWR) on June 20, 2018.

The permits were approved by the Idaho Department of Water Resources (IDWR) on July 17, 2013. Permit 63-32680 authorizes diversion of up to 5.22 cfs for irrigation of up to 261 acres within a 1,680-acre permissible place of use. Permit 63-33296 authorizes diversion of up to 10.46 cfs for irrigation of up to 523 acres located within a 1,680-acre permissible place of use. The two permits authorize irrigation of up to 784 acres within the property, with a combined maximum diversion rate of 11.76 cfs (5,278 gpm) and a maximum annual diversion volume of 3,528 acre-feet (4.5 acre-feet per acre).

Proof of beneficial use for permits 63-32680 and 63-33296 was submitted June 20, 2018.

1.1.2. Permit 63-33207

Jim Hutchings applied for water right 63-33207 on May 15, 2009 and amended the permit on March 24, 2010. The permit application sought 3.0 cfs for irrigation of 200 acres. The permit was approved on September 25, 2013, and assigned to J.R. Simplot Company on March 26, 2015. The application was amended to change the use to industrial purposes, and was subsequently assigned to CS Property Development, LLC on April 6, 2016.

Permit 63-33207 authorizes 3.00 cfs from ground water for industrial purposes with a 700-acre-foot annual diversion limit. The permit requires monthly measurement of flow rate, volume and requires monthly water-level measurements from one point of diversion authorized for this right.

Proof of beneficial use for permit 63-33207 is due October 1, 2023.

1.1.3. Permit 63-33884

Ray and Susan Montierth applied for water right 63-33884 on December 6, 2013, then submitted an amended application on February 2, 2015 and a second amended application on March 16, 2015. A portion of 63-33884 was subsequently assigned to J.R. Simplot Company on September 28, 2015 and the assigned portion was renumbered to 63-34221. Ray Montierth sold property to GC Kuna Land, L.C. who then assigned permit 63-33884 to CS Property Development LLC on January 24, 2022.

Permit 63-33884 authorizes 9.42 cfs for irrigation of up to 471 acres within a 1,542-acre permissible place of use. Water right permits 63-33884 and 63-34373 share a combined use limit of 9.42 cfs and maximum diversion volume of 2,120 acre-feet. The permit requires measuring devices at each point of diversion, monthly flow rate and diversion volume records as well as installation of a permanent water-level transducer in one of the production wells. Water-level measurements are not required monthly, but manual water levels are to be taken approximately 30 days before and after the irrigation season. No annual report is required, but a report will be needed for submission with proof of beneficial use.

Proof of beneficial use for permit 63-33884 is due October 1, 2024

1.1.4. Permit 63-34038

J.R. Simplot Company applied for water right 63-34038 on February 6, 2015 and amended the application on June 26, 2015. The amended permit application sought 3.2 cfs for irrigation of 160 acres and 4.0 cfs for industrial use, with a total diversion rate of 4.0 cfs. The permit was approved on October 26, 2015, and assigned to CS Property Development LLC on April 6, 2016. The permit requires monthly measurement of flow

rate and volume and requires monthly water-level measurements from all points of diversion authorized for this right.

Proof of beneficial use for permit 63-34038 is due November 1, 2025.

1.1.5. Permit 63-34202

CS Property Development LLC applied for water right 63-34202 on February 29, 2016 seeking 4.96 cfs for irrigation of 248 acres. The permit was approved with conditions requiring monthly recording of flow rates diversion volumes, and water levels at the points of diversion. An annual report is not required, but a report will be needed for submission with proof of beneficial use.

Proof of beneficial use for permit 63-34202 is due May 1, 2027.

1.1.6. Permit 63-34221

Ray and Susan Montierth applied for water right 63-33884 on December 6, 2013, then submitted an amended application on February 2, 2015 and a second amended application on March 16, 2015. A portion of 63-33884 was subsequently assigned to J.R. Simplot Company on September 28, 2015 and the assigned portion was renumbered to 63-34221. J.R. Simplot Company then assigned permit 63-34221 to CS Property Development LLC in 2016, who amended the permit in 2017.

Permit 63-34221 authorizes 0.44 cfs for irrigation of up to 22 acres within a 147-acre permissible place of use. The permit requires monthly flow rate and diversion volume records as well as installation of a permanent water-level transducer in one of the production wells. Water-level measurements are not required monthly, but manual water levels are to be taken approximately 30 days before and after irrigation season. No annual report is required, but a report will be needed for submission with proof of beneficial use.

Proof of beneficial use for permit 63-34221 is due October 1, 2026.

1.1.7. Permit 63-34373

Ray and Susan Montierth applied for water right 63-34373 on April 20, 2017 to store surface water from Pleasant Valley Irrigation Company and ground water in a lined pond. The permit was signed in 2020 authorizing a diversion to storage rate of 4.50 cfs to store up to 800 acre-feet of ground water to irrigate up to 187 acres annually. Water right permits 63-33884 and 63-34373 share a combined use limit of 9.42 cfs and maximum diversion volume of 2,120 acre-feet. Ray Montierth sold property to GC Kuna Land, L.C. who then assigned permit 63-34373 to CS Property Development LLC on January 24, 2022. The permit requires the right holder to record the quantity of water diverted and annually report diversions.

Proof of beneficial use for permit 63-34373 is due January 1, 2025.

1.1.8. Permit 63-34374

Ray and Susan Montierth applied for water right 63-34374 on April 20, 2017 to construct a well and irrigate up to 300 new acres. The permit was signed in 2020 authorizing a diversion of 6.00 cfs to irrigate up to 300 acres annually. Ray Montierth sold property to GC Kuna Land, L.C. who then assigned permit 63-34373 to CS Property Development LLC on January 24, 2022. The permit requires the right holder to record the quantity of water diverted and annually report diversions. The permit holder intends to construct a well and irrigate under authorization of this permit during the 2023 irrigation season.

Proof of beneficial use for permit 63-34374 is due January 1, 2025.

1.1.9. Permit 63-34385

Anderson Enterprises applied for water right 63-33882 in 2014 to recognize three existing wells and add 68 acres of irrigation use. A portion of 63-33882 was subsequently assigned to Nicholson Properties LP on December 9, 2016 under child right 63-34385. Permit 63-34385 was subsequently assigned to CS Property Development LLC in 2019. In 2020, CS Property Development LLC filed to amend the permits points of diversion and place of use.

Today, the permit authorizes 0.84 cfs for irrigation of up to 264 acres out of irrigation wells #5-#7. The permit requires monthly flow rate and diversion volume records as well as installation of a permanent water-level transducer in one of the production wells. Water-level measurements are also required monthly. No annual report is required, but the data is to be collected until notified otherwise by IDWR.

Proof of beneficial use is due October 1, 2027. A permit amendment was submitted in June 2022 and is currently pending.

1.2. Project Site

The project area is located approximately 7 miles southeast of Kuna, Idaho, in portions of Sections 3, 10, 11, 12, 13, 14, 23, and 24 of Township 1 North, Range 1 East, and Section 6, 7, and 18of Township 1 North, Range 2 East, Ada County, Idaho (Figure 1). Total area is approximately 4,660 acres.

The project site is accessed from South Cole Road. The northern portion of the property is bisected by the Union Pacific Railroad.

Nicholson Wells (Irrigation Wells 5, 6, & 7) were constructed prior to well construction standards. Well records from the 1970's or later may be difficult to interpret or missing completely. Irrigation Well 7 was drilled in 1973.

Missouri Beef Packers Wells (Irrigation Well 10, 11, & 12) were constructed between 1972 to 1987. These wells serviced the former Tyson Foods industrial plant.

Two irrigation wells (Irrigation Wells 1 & 2), a monitoring well, and a drill water supply well were constructed in 2014. Two plant industrial water supply wells were constructed

in 2015. One irrigation well (Irrigation Well 3) was constructed in 2016, and one irrigation well (Irrigation Well 4) was constructed in 2018.

Well locations and authorized diversion points are summarized in Table 1 and driller's reports for each well are provided in Appendix B.

Center pivot sprinklers were installed in the winter of 2014-15, and irrigation began in 2015. Additional pivot sprinklers have been installed since. CS Property Development currently operates a total of 29 pivot systems within the property area and permitted place of use.

Table 1. Authorized Points of Diversion and Well Locations

					Authorized Point of Diversion									
Twn	Rge	Sec	1/4-1/4	Well	63-34038	63-33207	63-32680	63-33296	63-34221	63-34202	63-33884	63-34373	63-34374	63-34385
1N	1E	3	SWSW	Irr. Well 5										X
1N	1E	10	NWNE											X
1N	1E	10	SWNE	Irr. Well 6										X
1N	1E	10	SESE	Irr. Well 7										X
1N	1E	11	NESE										X	
1N	1E	11	SWSE		X	X	X			X				
1N	1E	11	SESE		X	X	X			X				
1N	1E	12	SWNW		X	X		X		X				
1N	1E	12	SENW		X	X		X		X				
1N	1E	13	NWNE		X	X		X		X				
1N	1E	13	NWNW	Irr. Well 2	X	X		X		X				
1N	1E	13	NESE		X	X		X		X				
1N	1E	14	NENE	Irr Well 1	X	X	X			X				
1N	1E	14	NWNE		X	X	X			X				
1N	1E	14	SWNE		X	X	X			X				
1N	1E	14	SENE		X	X	X			X				
1N	1E	14	NESE	Irr. Well 3	X	X	X			X				
1N	1E	14	NWSE		X	X	X			X				
1N	2E	6	NWNE L2								X	X		
1N	2E	6	NENW L3								X	X		
1N	2E	6	NWSW L6		X	X								
1N	2E	6	SWSW L7	Plant Well 1	X	X			X					
				Plant Well 2	X	X			X					
1N	2E	6	SESW	Irr. Well 4					X					
1N	2E	7	NWSW L3	Irr. Well 10							X	X		
				Irr. Well 11							X	X		
				Irr. Well 12							X	X		
1N	2E	18	SESW								X	X		
1N	2E	18	SWSW L4	Irr. Well 9							X	X		
1N	2E	31	SWSE								X	X		

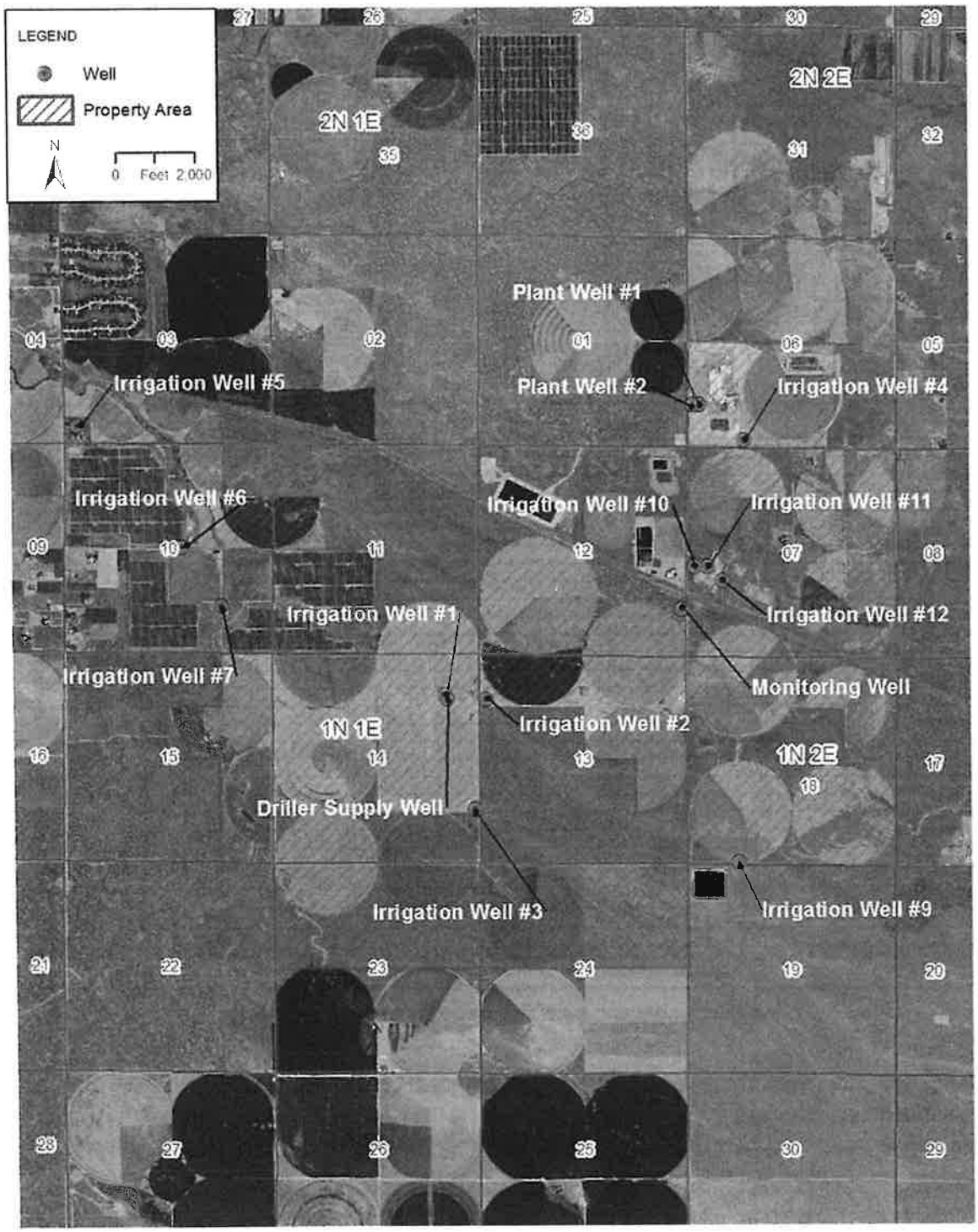


Figure 1. Project Location Map

2. 2022 ACTIVITIES

2.1. Water Level Monitoring

Water-level data from electronic transducers in the irrigation wells and Monitoring Well are required to be collected 3 times per year. The current schedule specifies that these events should occur between January 15th and 30th, March 1st and 15th, and November 15th and 30th of each year. During the data collection events, manual groundwater level measurements are also to be taken at each well with a non-stretch electric well sounder and flow meter readings should be recorded. Water-level measurements are often difficult to obtain in irrigation wells due to a substantial amount of oil on top of the water column. When water-level measurements are not obtainable, top-of-oil measurements are taken instead. To maintain consistency, all depth measurements reported here for Irrigation Well Nos. 1, 2, 3, and 4 are to top of oil. Monthly airline water-level measurements and flow meter readings are also scheduled for each of the four irrigation wells and both of the plant wells.

Monitoring details for each well during the 2022 monitoring period are provided below.

Irrigation Well No. 1. The Van Essen Micro-Diver transducer in Irrigation Well No. 1 recorded data for all of 2022. Manual water-level measurements were collected in January and March. Airline water-level measurements were recorded throughout the year. Water-level measurements indicate groundwater levels fluctuated from a peak level on March 23, 2022 to the lowest level on September 9, 2022, totaling 29.2 feet during the irrigation season. Water levels had recovered to -0.75 feet year over year, (from January 1, 2022 to January 1, 2023).

Irrigation Well No. 2. The Solinst Levelogger transducer in Irrigation Well No. 2 recorded data for all of 2022. Manual water-level measurements were collected in January and November. Airline water-level measurements were recorded throughout the year. Water-level measurements indicate groundwater levels fluctuated from a peak level on March 23, 2022 to the lowest level on September 9, 2022, totaling 29.1 feet during the irrigation season. Water levels had recovered to 0.82 feet year over year, (from January 1, 2022 to January 1, 2023).

Irrigation Well No. 3. The Solinst Levelogger transducer in Irrigation Well No. 3 recorded data until it was lost in the well on November 16, 2020. Manual water-level measurements were collected in January 2022. Airline water-level measurements were recorded throughout the year and indicate groundwater levels fluctuated approximately 42 feet during the irrigation season. Water levels had recovered to -4 feet year over year according to this data, however because transducer data cannot be collected, an unknown amount of error should be considered.

When the logger was lost down the Irrigation Well No. 3 sounding tube in November 2020, a long length of steel wire was lost with it. When attempts were made to measure manual water levels after March 2021, an obstruction was encountered in the sounding

tube near the anticipated water level, nearly resulting in sounding equipment also becoming lodged in the monitoring tube. Manual water level measurements will not be made in Irrigation Well No. 3 until the next time the pump is removed for maintenance and the sounding tube can be cleared to avoid loss of additional equipment down the well. The existing airline has been providing consistent measurements and will be used to monitor water levels at this well until that time.

The 2021 annual report recommended installing a transducer in Monitoring Well #2 to replace water-level monitoring in Irrigation Well #3. IDWR has not responded to this recommendation.

Irrigation Well No. 4. Airline water-level measurements were recorded for Irrigation Well No. 4 throughout the year, although there is some uncertainty about the airline's setting depth and the water-level readings do not match anticipated groundwater levels. Since there is no access port in the well head, a sounder cannot be used to calibrate the airline and a transducer cannot be installed. Based on airline measurements, water levels fluctuated roughly 18 feet during the irrigation season and had recovered to within 1 feet year over year.

Irrigation Well No. 5. This well is located on private property and was not accessed for monthly monitoring in 2022. Access has been granted to start collecting flow and monthly volume data for the 2023 irrigation season. This well does not provide access to static or pumping water levels.

Irrigation Well No. 6. This well does not provide access to static or pumping water levels.

Irrigation Well No. 7. This well does not provide access to static or pumping water levels.

Irrigation Well No. 8. This well is currently under construction. A sounding tube will be installed, providing easy access to static and pumping water levels.

Irrigation Well No. 9. This well does not provide access to static or pumping water levels.

Irrigation Well No. 10. This well does not provide access to static or pumping water levels.

Irrigation Well No. 11. This well does not currently have a pump and motor installed and is not connected to the irrigation system.

Irrigation Well No. 12. This well does not provide access to static or pumping water levels.

Monitoring Well. A non-stretch electric line well sounder was used to determine water levels in the Monitoring Well in January, March, April, May, June, August, September, and October, November and December 2022. The transducer collected data consistently throughout the year and was downloaded in January 2023. Water-level

measurements indicate groundwater levels fluctuated from a peak level on March 23, 2022 to the lowest level on September 20, 2022, totaling 6.3 feet during the irrigation season. Water levels had declined 0.14 feet year over year (from January 1, 2022 to January 1, 2023).

Plant Well No. 1. Plant Well No. 1 was completed in 2015 but had not been used for water supply until late spring of 2017 when the CS Beef Packers plant opened. A manual water-level measurement was collected on August 30, 2017, using a well sounder, but subsequent water-level measurements have been taken using an airline to minimize potential for contamination of this public drinking water system well. Airline measurements were taken throughout the year. The well was serviced and pump was pulled in July and the airline meter was replaced in October, 2022. Plant Well No. 1 was pumping water during every 2022 site visit except for July. The minimum depth to water during the year was 309 feet in February, and the maximum depth to water was 316 feet in November for a total fluctuation of 7 feet.

Plant Well No. 2. Plant Well No. 2 was also completed in 2015 and first used in 2017. The well is equipped with an airline which is calibrated against a non-stretch well sounder. A new Solinst Edge water-level transducer was installed in this well on October 4, 2018 to meet the monitoring requirements of water permit 63-34221.

Plant Well No. 2 was pumping water during three site visits in 2022. Flow was not able to be recorded before the well shut down on two occasions due to distance between well head and controls. Historically, the transducer data shows three distinct water-level trendlines: one when Plant Well No. 2 is being pumped, one when Plant Well No. 1 is being pumped, and one when neither Plant Well is being pumped. In 2021, the transducer data appears to show water levels suddenly declining to below the transducer setting depth. However, this transducer data does not match current or historical manual and airline data and so is not believed to be an accurate representation of water level conditions. Work on the well was not performed and the unit was not pulled from the well, so this is believed to be due to monitoring equipment failure.

A new Solinst Levelogger 5 (M30; Serial Number 2153127) was installed April 19, 2022. Data was collected later that year in October, 2022. The 2022 data still shows three distinct pumping levels, however also indicates three significant shifts in water levels (Appendix C). In real world scenarios, these shifts would indicate a physical change in transducer location within the sounding tube. Plant Well #2 was not serviced during this period, the sounding tube was not modified, and the length of cable hanging the transducer in the well was not moved. No other explanation is found other than a malfunction of the device. A task order for 2023 included budget for new monitoring equipment. Plant Well #2 will receive a new vanEssen Micro-Diver (DI605) in 2023. A diver data cable will be installed also. This provides quick access to the diver, saves time on downloading, and provides real-time data. With nearly two years of data error, efforts to monitor the well more closely throughout the season will be made.

Using the monthly airline data, water levels in Plant Well #2 varied from roughly 293 feet with both wells off, to 296 feet with Plant Well No. 1 pumping, and 311 feet with Plant Well No. 2 pumping. Water levels for each case fluctuated by approximately 5 to 7 feet. Since the transducer water levels skew the data and are known to contain error, transducer data of Plant Well #2 is omitted from Figure 2. A graph of this omitted data is provided in Appendix C.

Water-level data through 2022 are provided electronically to IDWR and summarized below in Figure 2.

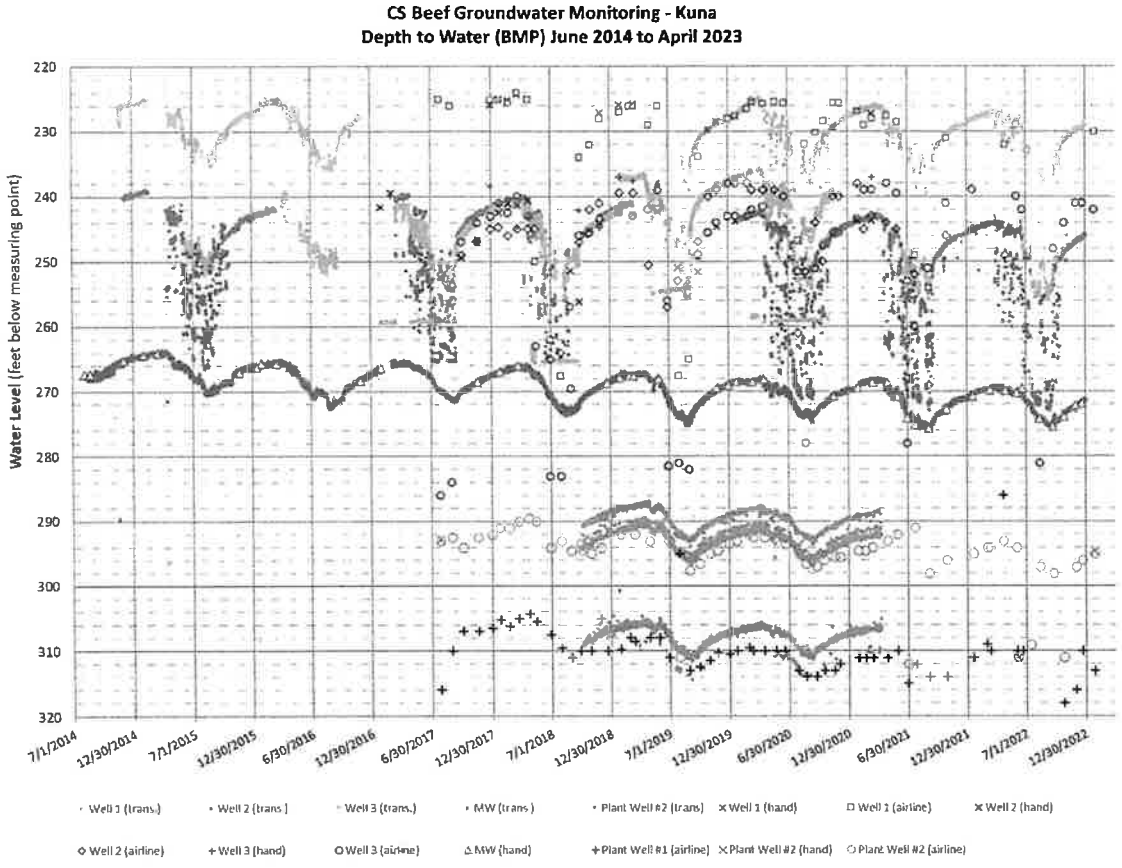


Figure 2. Water-level hydrographs to January 2023

2.2. Flow Monitoring

2.2.1. Irrigation Wells

All the irrigation wells are equipped with electromagnetic flow meters. Irrigation pumping occurred between March 26 and November 2 in 2022. Irrigation Wells 5-12 were added to the monitoring workload in 2022. A time frame of January 2022 to January 2023 was

used to calculate a total volume pumped of 3,349 acre-feet. As described below, the 3,349 acre-foot volume did not include any volume pumped from Well 5 and only a portion of the volume pumped from Well 9.

- The flow meters at Irrigation Well Nos. 1, 2, 3, 4, 6, and 7 have complete totalizer readings for 2022.
- Irrigation Well No. 5 is on private property and was not monitored in 2022. Flow monitoring of this well will commence in 2023. It is not known if there were diversions from Well No. 5 in 2022.
- Irrigation Well No. 6 diverts water through two mainlines which split at the well head in a north and west direction. The well provides irrigation water through the north pipe, and industrial water to a solar energy use to the west.
- Irrigation Well No. 8 is under construction and will begin diverting water into the system in 2023.
- Irrigation Well No. 9 did not have a measuring device with power for most of 2022. This battery was replaced in April 2023.
- A power box meter for Irrigation Well No. 10 consistently read 939.74 kWh. The well was not used in 2022.
- Irrigation Well No. 11 has no pump and motor and was not connected to the irrigation system in 2022.
- Irrigation Well No. 12 was under service for most of the 2022 irrigation season. Less than an acre-foot was diverted from the well according to flow monitoring equipment.

Table 2 summarizes the monthly instantaneous and totalized flow readings for the irrigation wells.

Table 2. 2022 Irrigation Wells Monthly Flow Monitoring

Date	Irrigation Well 1			Irrigation Well 2			Irrigation Well 3			Irrigation Well 4		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/17/2022	0	3315	0	0	3437	0	0	1668	0	0	771	0
2/28/2022	NP	NP	NP	NP	NP	NP	NP	NP	NP	0	771.4	0.0
3/10/2022	NP	NP	NP	NP	NP	NP	NP	NP	NP	0	NP	NP
4/19/2022	0	3355	40	726	3452	15	2595	1788	120	0	NP	NP
5/31/2022	0	3420	65	0	3467	15	0	1881	93	0	792.6	21.2
6/2/2022	0	3462	42	0	3472	6	0	1881	0	0	792.6	0.0
7/14/2022	0	3658	196	0	3487	15	0	2033	152	0	813.9	21.3
8/11/2022	2320	3939	280	2734	3509	22	2663	2334	301	700	878.6	64.7
9/22/2022	2300	4331	392	0	3528	19	0	2633	299	0	967.6	89.0
10/24/2022	0	4416	86	0	3534	6	0	2638	4	0	978.2	10.6
11/30/2022	0	4435	19	0	3534	0	0	2638	0	0	980.4	2.2
12/20/2022	0	NP	NP	0	3534	0	0	2638	0	0	980.4	0.0
1/26/2023	0.0	NP	NP	0	3534	0	0	2638	0	0	981.0	0.1
2022 TOTAL			**1,120**			**97**			**970**			**210**

Date	Irrigation Well 6						Irrigation Well 7			Irrigation Well 9		
	North Pipe			West Pipe *								
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/17/2022	0	503			26		0	290				
4/27/2022	0	710	207		26	0	0	351	61	3134	4.8	
5/31/2022	0	746	36	0	27	1	0	366	15	0	4.8	
6/20/2022	209	746	0	120	30	3	1102	366	0	NP	NP	
7/14/2022	0	783	37	0	39	9	0	413	47	NP	NP	
8/11/2022	866	832	49	0	47	9	1087	531	117	NP	NP	
9/22/2022	0	950	118	0	60	12	0	602	71	NP	NP	
10/24/2022	0	974	24	0	65	6	0	602	0	NP	NP	
11/30/2022	0	1041	67	0	65	0	0	602	0	NP	NP	
12/20/2022	0	1069	28	0	65	0	0	602	0	NP	NP	
1/26/2023	0	1143	74	0	65	0	0	602	0	NP	NP	
2022 TOTAL			**640**			**39**			**312**			

NP = No Power

* Irrigation Well 6 West Pipe is not used for irrigation

2022 Irrigation Total (af)	3,349

2.2.2. Industrial Wells

The two Plant Wells were put into service in 2017 and both are equipped with electromagnetic flow meters. These wells are used year-round to supply water to the CS Beef Packers plant. From January 17, 2022 to January 26, 2023, Plant Well No. 1 provided 794.6 acre-feet to the plant and Plant Well No. 2 supplied 830.3 acre-feet for a combined volume of 1,624.9 acre-feet. Table 3 provides a summary of the recorded instantaneous and totalized flows from the Plant Wells.

Table 3. Industrial Wells Monthly Flow Monitoring

Date	Plant Well 1 (east)			Plant Well 2 (west)		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/17/2022	1080.0	3599.4	373.4	0	2656	143.3
2/28/2022	1078	3,697	97.8	0	2733	77.5
3/10/2022	1090	3,722	24.7	0	2753	20.0
4/19/2022	0	3,798	76.5	0	2843	89.6
5/31/2022	1100	3,880	81.4	0	2934	91.1
6/20/2022	1105	3,922	42.3	*	2978	44.4
7/14/2022	0	-	-	1103	3041	62.9
8/11/2022	1140	4,028	105.7	0	3111	69.9
9/22/2022	1125	4,123	95.0	0	3214	102.6
10/24/2022	1120	4,192	68.9	*	3288	74.6
11/30/2022	1120	4,268	76.2	0	3374	85.4
12/20/2022	1125	4,309	41.2	0	3416	42.5
1/26/2023	1134	4,394	84.8	0	3486	69.9
2022 TOTAL			**794.6**			**830.3**

- Totalizer display off
* Well shutoff before flow recorded

2022 Total (af)	**1624.9**

The industrial diversion volume over number of days between data collection points provides an average use per day. Water for industrial use has increased each year as the plant continues to grow. Table 4 below summarizes the annual diversion volume each year and the increasing demand since 2018.

Table 4. Annual Diversion of Ground Water for Industrial Purposes

	2018	2019	2020	2021	2022
PW1 (af)	657	668	762	752	794
PW2 (af)	579	597	617	656	831
Total af	1,236	1,264	1,379	1,408	1,625
Days (Jan - Jan)	371	357	372	354	374
af/day	**3.33**	**3.54**	**3.71**	**3.98**	**4.34**
YoY (af/day)		0.21	0.17	0.27	0.36
YoY		6.36%	4.66%	7.40%	9.10%

3. SUMMARY

1. Monitoring was conducted in 2022 as required for permits 63-32680, 63-33207, 63-33296, 63-33884, 63-34038, 63-34202, 63-34221, 63-34373, 63-34374 and 63-

34385. Water right permits 63-34373, 63-34374 and 63-34385 were acquired by CS Properties in January 2022 and are new to this annual report.

2. Pressure transducers collected water level data without incident from the Monitoring Well, Irrigation Well No. 1, and Irrigation Well No. 2 for all of 2022.
3. Water right permit 63-34038 condition of approval requires each point of diversion to allow measurement of the static water level in the well monthly. No work to sounding tube or retrieve the transducer in Irrigation Well number 3 was made in 2022. HDR recommends servicing Irrigation Well 3 to clear obstructions or repair the sounding tube.
4. On April 19, 2022, a new Solinst Levelogger 5 pressure transducer was installed in Plant Well No. 2. The data displays dramatic shifts in water level which do not match hand measurement or historical trends. Communication with Solinst could not resolve the issue. A new vanEssen Micro-Diver with data cable is currently on order. With complications collecting water level data in the well over the past 2 years, the data cable will allow HDR to monitor the data more closely.
5. An airline is installed in Irrigation Well No. 4, but no sounder access is available. Without the sounding tube, the airline cannot be calibrated.
6. Water right permit 63-34385 was acquired by CS Properties in January 2022. This permit authorizes irrigation use that is diverted from Irrigation Wells 5, 6, and 7. A condition of approval requires at least one point of diversion to allow measurement of the static water level in at least one well. HDR recommends servicing one of these wells to install a sounding tube to satisfy the condition.
7. Barometric data corrects for atmospheric pressure within the well data. The battery of the pressure transducer recording barometric data in the CS Beef Monitoring Well has expired and is being replaced. A monitoring well containing a Solinst Barologger nearby was used to correct the 2022 water-level data.
8. The 2022 water-level fluctuation in the Monitoring Well was approximately 6.3 feet. There was an approximate 0.14-foot water-level decrease between January 1, 2022 and January 1, 2023.
9. Irrigation diversions in 2022 occurred from Irrigation Wells Nos. 1, 2, 3, 4, 6, 7, and 9. Total diversion volumes for six of the seven wells (Well No. 9 had no power to the measuring device) were determined based on totalizer readings collected from each of the well sites. It is not known whether there were diversion from an eighth well, Well No. 5. The combined total diversion volume for irrigation use that could be recorded was 3,349 acre-feet in 2022.
10. Plant Wells No. 1 (East) and No. 2 (West) were used throughout 2022 to supply industrial water for the CS Beef Packers plant. The wells are equipped with airlines for water-level measurements and electromagnetic flow meters. Total combined diversion volume from January 17, 2022 to January 26, 2023 was approximately

1,625 acre-feet with 795 acre-feet from Plant Well No. 1 and 830 acre-feet from Plant Well No. 2. Industrial demand has increased each year since 2018.

Appendix A
Water Right Reports and
63-32680/63-33296 Monitoring Plan

Close

Water Permit Report: 63-32680(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	BOISE INVESTMENT GROUP LLC	C/O NICK FERGIS 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	AZEL DEVELOPMENT GROUP LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	KUNA COLE 880	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	NOELLE HOLDINGS LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 5/22/2007
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	11		SW	SE	ADA	
GROUND WATER	01N	01E	11		SE	SE	ADA	
GROUND WATER	01N	01E	14		NE	NE	ADA	
GROUND WATER	01N	01E	14		NW	NE	ADA	
GROUND WATER	01N	01E	14		SW	NE	ADA	
GROUND WATER	01N	01E	14		SE	NE	ADA	
GROUND WATER	01N	01E	14		NE	SE	ADA	
GROUND WATER	01N	01E	14		NW	SE	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	5.22 CFS	
TOTAL			5.22 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	11			SW	SE	40
01N	01E	11			SE	SE	40
01N	01E	12			NE	NW	40
01N	01E	12			NW	NW	40
01N	01E	12			SW	NW	40
01N	01E	12			SE	NW	40
01N	01E	12			NE	SW	40
01N	01E	12			NW	SW	40
01N	01E	12			SW	SW	40
01N	01E	12			SE	SW	40

Showing 1 to 10 of 42 entries Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres Acre Limit

1680.00

Conditions

Code Condtions

Rights 63-32680 and 63-33296, when combined, shall not exceed a total diversion rate of 11.76 cfs, a total annual maximum diversion volume of 3,528 af at the field headgate, and the irrigation of 784 acres.

This right is limited to the irrigation of 261 acres within the place of use described above in a single irrigation season.

Diversion and use of water in connection with this right is subject to a Monitoring Plan approved by the Department. In the event of a failure to comply with any component of the Monitoring Plan, after actual notice and a reasonable opportunity to cure, the right holder shall cease further diversions under the right until such noncompliance is remedied. Failure to comply with any approval condition, including the Monitoring Plan, shall be cause for the Department to cancel or revoke this right, or for an administrative or judicial action enjoining use of the right after actual notice and a reasonable opportunity to cure.

Proof of application of water to beneficial use shall be submitted no sooner than July 1, 2017 and no later than July 1, 2018.

No less than four (4) years of ground water monitoring data shall be submitted in connection with filing proof of beneficial use for this right. The right holder shall also submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the approved Monitoring Plan and the conditions of approval of this right. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in lapsing or cancellation of the permit.

Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior notification to the Department.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under his right.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

004 This right does not grant any right-of-way or easement across the land of another.

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

This right authorizes the construction of 2 supply wells as points of diversion.

The Department shall be notified prior to the installation and calibration of flow meters on all supply wells.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 7/1/2018
Permit Proof Made Date : 6/20/2018
Permit Approved Date : 7/17/2013
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 9/7/2016
Protest Deadline Date: 1/2/2017

Other Information

State or Federal :
Water District Number : TBD
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Application Report : 63-33207

IDAHO DEPARTMENT OF WATER RESOURCES

4/19/2023

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	HUTCHINGS, JIM	13690 S CLOVERDALE RD	KUNA	ID	83634-2522
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Application Status

Priority Date : 3/24/2010
Status : Active

Water Source

Source	Source Qualifier	Tributary	Tributary Qualifier
GROUND WATER			

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	3		SW	SW	ADA	
GROUND WATER	01N	01E	10		NW	NE	ADA	
GROUND WATER	01N	01E	10		SW	NE	ADA	
GROUND WATER	01N	01E	10		SE	SE	ADA	
GROUND WATER	01N	01E	11		SW	SE	ADA	
GROUND WATER	01N	01E	11		SE	SE	ADA	
GROUND WATER	01N	01E	12		SW	NW	ADA	
GROUND WATER	01N	01E	12		SE	NW	ADA	
GROUND WATER	01N	01E	13		NW	NE	ADA	
GROUND WATER	01N	01E	13		NW	NW	ADA	
GROUND WATER	01N	01E	13		NE	SE	ADA	
GROUND WATER	01N	01E	14		NE	NE	ADA	
GROUND WATER	01N	01E	14		NW	NE	ADA	
GROUND WATER	01N	01E	14		SW	NE	ADA	
GROUND WATER	01N	01E	14		SE	NE	ADA	
GROUND WATER	01N	01E	14		NE	SE	ADA	
GROUND WATER	01N	01E	14		NW	SE	ADA	
GROUND WATER	01N	02E	6		NW	SW	ADA	
GROUND WATER	01N	02E	6		NW	SW	ADA	
GROUND WATER	01N	02E	6		SW	SW	ADA	
GROUND WATER	01N	02E	6		SW	SW	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
INDUSTRIAL	01/01	12/31	3.00 CFS	
TOTAL			3.00 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : INDUSTRIAL (ADA county)

Show 10 entries Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	3			NE	SW	
01N	01E	3			NW	SW	
01N	01E	3			SW	SW	
01N	01E	3			SE	SW	
01N	01E	3			SW	SE	
01N	01E	3			SE	SE	
01N	01E	10			NE	NE	
01N	01E	10			NW	NE	
01N	01E	10			SW	NE	
01N	01E	10			SE	NE	

Showing 1 to 10 of 115 entries Previous 1 2 3 4 5 ... 12 Next

Conditions

Code	Condtions
	Use of water under this permit shall not exceed an annual diversion volume of 700 acre-feet.
073	Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.
	One point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made monthly throughout the year from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.
	If the Department determines, based on credible evidence, measurement reports, area data, or otherwise, there is a substantial likelihood that diversion and use of groundwater under this right is causing material injury to any senior water right(s), the Department may issue an order to the right holder to show cause why existing diversions should not be reduced under the permit, forego additional diversions, or provide adequate mitigation to remedy any such material injury. Any senior water user alleging material injury may petition the Department to commence a show cause hearing, and the Department shall conduct a hearing.
196	The right holder shall install or construct a straight length of conduit or ditch suitable for installation of a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least fifteen times the diameter of the conduit and shall be above ground or otherwise easily accessible.
	The right holder shall install a measuring device acceptable to the Department at the points of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified by the Department. The records shall be made available to the Department upon request.
004	This right does not grant any right-of-way or easement across the land of another.
046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
	Industrial use is for a meat processing and packing facility.
	Proof of application of water to beneficial use shall be submitted no sooner than October 1, 2017, and no later than October 1, 2018. A report with no less than 4 years of diversion measurement and aquifer level water monitoring data shall be submitted in connection with filing proof of beneficial use. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in cancellation of the permit.
069	Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.
121	The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 10/1/2023
Permit Proof Made Date :
Permit Approved Date : 9/25/2013
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :

Other Information

Application Type : Amendment
Applicant Remarks :
Other Water Rights :
Time To Complete Works : 5.00
Transfer Affected Description :
Transfer Affected Contracts : False
Old Transfer Number : 0
Transfer Reason :
Transfer Return Flows :
State or Federal :

Application Recevied Date: 3/24/2022
Protest Deadline Date: 4/24/2023

Water District Number : TBD
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-33296(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	BOISE INVESTMENT GROUP LLC	C/O NICK FERGIS 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	KUNA COLE 880 LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	AZEL DEVELOPMENT GROUP LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	NOELLE HOLDINGS LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 11/6/2009
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	12		SW	NW	ADA	
GROUND WATER	01N	01E	12		SE	NW	ADA	
GROUND WATER	01N	01E	13		NW	NE	ADA	
GROUND WATER	01N	01E	13		NW	NW	ADA	
GROUND WATER	01N	01E	13		NE	SE	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	10.46 CFS	
TOTAL			10.46 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	11			SW	SE	40
01N	01E	11			SE	SE	40
01N	01E	12			NE	NW	40
01N	01E	12			NW	NW	40
01N	01E	12			SW	NW	40
01N	01E	12			SE	NW	40

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	12			NE	SW	40
01N	01E	12			NW	SW	40
01N	01E	12			SW	SW	40
01N	01E	12			SE	SW	40

Showing 1 to 10 of 42 entries Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres Acre Limit

1680.00

Conditions

Code Condtions

Rights 63-32680 and 63-33296, when combined, shall not exceed a total diversion rate of 11.76 cfs, a total annual maximum diversion volume of 3,528 af at the field headgate, and the irrigation of 784 acres.

This right is limited to the irrigation of 523 acres within the place of use described above in a single irrigation season.

Diversion and use of water in connection with this right is subject to a Monitoring Plan approved by the Department. In the event of a failure to comply with any component of the Monitoring Plan, after actual notice and a reasonable opportunity to cure, the right holder shall cease further diversions under the right until such noncompliance is remedied. Failure to comply with any approval condition, including the Monitoring Plan, shall be cause for the Department to cancel or revoke this right, or for an administrative or judicial action enjoining use of the right after actual notice and a reasonable opportunity to cure.

Proof of application of water to beneficial use shall be submitted no sooner than July 1, 2017 and no later than July 1, 2018.

No less than four (4) years of ground water monitoring data shall be submitted in connection with filing proof of beneficial use for this right. The right holder shall also submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the approved Monitoring Plan and the conditions of approval of this right. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in lapsing or cancellation of the permit.

Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior notification to the Department.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under his right.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

004 This right does not grant any right-of-way or easement across the land of another.

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

This right authorizes the construction of 2 supply wells as points of diversion.

The Department shall be notified prior to the installation and calibration of flow meters on all supply wells.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 7/1/2018
Permit Proof Made Date : 6/20/2018
Permit Approved Date : 7/17/2013
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 11/6/2009
Protest Deadline Date: 2/20/2012

Other Information

State or Federal :
Water District Number : TBD
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-33884(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	MONTIERTH, RAY	825 HEARTLAND DR	NAMPA	ID	83686-8156
Representative	SPF WATER ENGINEERING LLC	C/O SCOTT N KING 300 E MALLARD DR STE 350	BOISE	ID	83706

Water Permit Status

Priority Date : 2/2/2015
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	02E	6		NW	NE	ADA	
GROUND WATER	01N	02E	6		NE	NW	ADA	
GROUND WATER	01N	02E	7		NW	SW	ADA	
GROUND WATER	01N	02E	7		NW	SW	ADA	
GROUND WATER	01N	02E	7		NW	SW	ADA	
GROUND WATER	01N	02E	18		SW	SW	ADA	
GROUND WATER	01N	02E	18		SE	SW	ADA	
GROUND WATER	02N	02E	31		SW	SE	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	9.42 CFS	
TOTAL			9.42 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	12			NW	SE	14
01N	02E	6	1		NE	NE	35
01N	02E	6	2		NW	NE	40
01N	02E	6			SW	NE	40
01N	02E	6			SE	NE	40
01N	02E	6	3		NE	NW	40
01N	02E	6			SE	NW	40
01N	02E	6			NW	SE	6
01N	02E	6			SW	SE	6
01N	02E	7			NE	NE	40

Showing 1 to 10 of 42 entries Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres	Acre Limit
1542.00	471.00

Conditions

Code	Condtions
206	This right is limited to the irrigation of a specific 471 acres within the 1,542 acre place of use authorized by this right in a single irrigation season. The specific 471 acres to be irrigated by the right holder shall be identified prior to use by submittal of a land list and a representative electronic shape file or by submittal of a land list and a map sufficiently detailed to allow creation of an electronic shape file to be associated with this right in the geographic information system component of the water rights database maintained by the department. Before changing the 471 acres to be irrigated within the 1542 acre place of use, the right holder shall submit a new land list and representative electronic shape file or map to the Department prior to the irrigation season in which the change will occur.
R65	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use. Annual diversion of low temperature geothermal water from the well located in the Gov't Lt 3 (NWNE), Section 6, Township 01N, Range 02E, B.M. shall not exceed 123 acre-feet annually under water right nos. 63-3362, 63-7531, 63-10383, 63-11347, 63-12546, 63-33884, 63-34221, 63-34222, 63-34223, 63-34224, 63-34225, and 63-34226 combined. Each authorized point of diversion constructed after issuance of this permit shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate groundwater-level measurements. The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified otherwise by the Department. The records shall be made available to the Department upon request. Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made approximately thirty (30) days before the start and approximately thirty (30) days following cessation of seasonal irrigation from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request. At least one production well shall be equipped with a non-vented submersible pressure transducer/digital data logger suspended by stainless steel cable of a known length and at a depth that will allow the pressure transducer to always remain submerged. The submersible pressure transducer(s) shall be housed in a sounding tube. The data logger shall be set to collect two (2) water level and temperature readings per day on a year-round basis.
020	The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder. Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. The report shall include raw water level measurements, barometrically corrected water level data, and diversion data. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.
046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
004	This right does not grant any right-of-way or easement across the land of another.
26A	Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.
121	The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.
069	Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 10/1/2024
Permit Proof Made Date :
Permit Approved Date : 9/20/2016
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 12/6/2013
Protest Deadline Date: 7/6/2015

Other Information

State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Application Report : 63-34038

IDAHO DEPARTMENT OF WATER RESOURCES

4/19/2023

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Application Status

Priority Date : 6/26/2015
Status : Active

Water Source

Source	Source Qualifier	Tributary	Tributary Qualifier
GROUND WATER			

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	3		SW	SW	ADA	
GROUND WATER	01N	01E	10		NW	NE	ADA	
GROUND WATER	01N	01E	10		SW	NE	ADA	
GROUND WATER	01N	01E	10		SE	SE	ADA	
GROUND WATER	01N	01E	11		SW	SE	ADA	
GROUND WATER	01N	01E	11		SE	SE	ADA	
GROUND WATER	01N	01E	12		SW	NW	ADA	
GROUND WATER	01N	01E	12		SE	NW	ADA	
GROUND WATER	01N	01E	13		NW	NE	ADA	
GROUND WATER	01N	01E	13		NW	NW	ADA	
GROUND WATER	01N	01E	13		NE	SE	ADA	
GROUND WATER	01N	01E	14		NE	NE	ADA	
GROUND WATER	01N	01E	14		NW	NE	ADA	
GROUND WATER	01N	01E	14		SW	NE	ADA	
GROUND WATER	01N	01E	14		SE	NE	ADA	
GROUND WATER	01N	01E	14		NE	SE	ADA	
GROUND WATER	01N	01E	14		NW	SE	ADA	
GROUND WATER	01N	02E	6		NW	SW	ADA	
GROUND WATER	01N	02E	6		NW	SW	ADA	
GROUND WATER	01N	02E	6		SW	SW	ADA	
GROUND WATER	01N	02E	6		SW	SW	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	3.20 CFS	
INDUSTRIAL	01/01	12/31	4.00 CFS	
TOTAL			4.00 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : INDUSTRIAL (ADA county)

Show 10 entries

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	3			NE	SW	
01N	01E	3			NW	SW	
01N	01E	3			SW	SW	
01N	01E	3			SE	SW	
01N	01E	3			SW	SE	
01N	01E	3			SE	SE	
01N	01E	10			NE	NE	
01N	01E	10			NW	NE	
01N	01E	10			SW	NE	
01N	01E	10			SE	NE	

Showing 1 to 10 of 114 entries Previous 1 2 3 4 5 ... 12 Next

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	11			SW	SE	40
01N	01E	11			SE	SE	40
01N	01E	12			NE	NW	40
01N	01E	12			NW	NW	40
01N	01E	12			SW	NW	40
01N	01E	12			SE	NW	40
01N	01E	12			NE	SW	40
01N	01E	12			NW	SW	40
01N	01E	12			SW	SW	40
01N	01E	12			SE	SW	40

Showing 1 to 10 of 42 entries Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres Acre Limit

1680.00

Conditions

Code	Condtions
R65	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.
073	Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right. The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified by the Department. The records shall be made available to the Department upon request.
196	The right holder shall install or construct a straight length of conduit or ditch suitable for installation of a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least fifteen times the diameter of the conduit and shall be above ground or otherwise easily accessible. Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made monthly throughout the year from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.
046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department. Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior approval of the Department.

If the Department determines based on credible evidence, measurement reports, area data or otherwise that diversion and use of ground water under this right is causing material injury to any senior water right(s), the Department may order the diversion reduced, the diversion curtailed, or the right holder to provide adequate mitigation to remedy the injury.

Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 11/1/2025
Permit Proof Made Date :
Permit Approved Date : 10/26/2015
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 5/22/2020
Protest Deadline Date: 1/2/2017

Other Information

Application Type : Amendment
Applicant Remarks :
Other Water Rights :
Time To Complete Works : 5.00
Transfer Affected Description :
Transfer Affected Contracts : False
Old Transfer Number : 0
Transfer Reason :
Transfer Return Flows :
State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0
Generic Max Volume Per Acre : 0
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-34202(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 2/29/2016
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	11		SW	SE	ADA	
GROUND WATER	01N	01E	11		SE	SE	ADA	
GROUND WATER	01N	01E	12		SW	NW	ADA	
GROUND WATER	01N	01E	12		SE	NW	ADA	
GROUND WATER	01N	01E	13		NW	NE	ADA	
GROUND WATER	01N	01E	13		NW	NW	ADA	
GROUND WATER	01N	01E	13		NE	SE	ADA	
GROUND WATER	01N	01E	14		NE	NE	ADA	
GROUND WATER	01N	01E	14		NW	NE	ADA	
GROUND WATER	01N	01E	14		SW	NE	ADA	
GROUND WATER	01N	01E	14		SE	NE	ADA	
GROUND WATER	01N	01E	14		NE	SE	ADA	
GROUND WATER	01N	01E	14		NW	SE	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/01	4.96 CFS	
TOTAL			4.96 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	14			SW	SE	31
01N	01E	14			SE	SE	31
01N	01E	23			NE	NE	31
01N	01E	23			NW	NE	31
01N	01E	24			NE	NW	31
01N	01E	24			NW	NW	31
01N	01E	24			SW	NW	31

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	24			SE	NW	31

Irrigation Totals

Total Acres	Acre Limit
248.00	

Conditions

Code Condtions

Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made monthly throughout the year from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

073 Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.

Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

004 This right does not grant any right-of-way or easement across the land of another.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 5/1/2027
Permit Proof Made Date :
Permit Approved Date : 4/21/2017
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 2/29/2016
Protest Deadline Date: 2/20/2017

Other Information

State or Federal :
Water District Number : TBD
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-34221(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 2/2/2015
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	02E	6		SW	SW	ADA	
GROUND WATER	01N	02E	6		SW	SW	ADA	
GROUND WATER	01N	02E	6		SE	SW	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	0.44 CFS	
TOTAL			0.44 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	6			NE	SW	40
01N	02E	6			SE	SW	40
01N	02E	6			NW	SE	34
01N	02E	6			SW	SE	33

Irrigation Totals

Total Acres	Acre Limit
147.00	22.00

Conditions

Code	Condtions
X27	This right is limited to the irrigation of 22 acres within the authorized place of use in a single irrigation season.
R65	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use. Each authorized point of diversion constructed after issuance of this permit shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate groundwater-level measurements.

The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified otherwise by the Department. The records shall be made available to the Department upon request.

Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made approximately thirty (30) days before the start and approximately thirty (30) days following cessation of seasonal irrigation from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

At least one production well shall be equipped with a non-vented submersible pressure transducer/digital data logger suspended by stainless steel cable of a known length and at a depth that will allow the pressure transducer to always remain submerged. The submersible pressure transducer(s) shall be housed in a sounding tube. The data logger shall be set to collect two (2) water level and temperature readings per day on a year-round basis.

020 The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder.

Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. The report shall include raw water level measurements, barometrically corrected water level data, and diversion data. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

004 This right does not grant any right-of-way or easement across the land of another.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 10/1/2026
Permit Proof Made Date :
Permit Approved Date : 9/20/2016
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 8/16/2017
Protest Deadline Date: 3/5/2018

Other Information

State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-34373(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	MONTIERTH, RAY	825 HEARTLAND DR	NAMPA	ID	83686-8156
Original Owner	MONTIERTH, SUSAN	825 HEARTLAND DR	NAMPA	ID	83686-8156
Representative	SPF WATER ENGINEERING LLC	C/O SCOTT N KING 300 E MALLARD DR STE 350	BOISE	ID	83706

Water Permit Status

Priority Date : 4/20/2017
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	02E	6		NW	NE	ADA	
GROUND WATER	01N	02E	6		NE	NW	ADA	
GROUND WATER	01N	02E	7		NW	SW	ADA	
GROUND WATER	01N	02E	7		NW	SW	ADA	
GROUND WATER	01N	02E	7		NW	SW	ADA	
GROUND WATER	01N	02E	18		SW	SW	ADA	
GROUND WATER	01N	02E	18		SE	SW	ADA	
GROUND WATER	02N	02E	31		SW	SE	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION STORAGE	01/01	12/31		800.00 AFA
IRRIGATION FROM STORAGE	03/01	11/15		800.00 AFA
DIVERSION TO STORAGE	03/01	11/15	4.50 CFS	
TOTAL			4.50 CFS	800.00 CFS

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION FROM STORAGE (ADA county)

Show 10 entries Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	6	1		NE	NE	35
01N	02E	6	2		NW	NE	40
01N	02E	6			SW	NE	40
01N	02E	6			SE	NE	40
01N	02E	6	3		NE	NW	40
01N	02E	6			SE	NW	40
01N	02E	6			NE	SE	36
01N	02E	6			NW	SE	6
01N	02E	6			SW	SE	6

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	6			SE	SE	32

Showing 1 to 10 of 45 entries Previous 1 2 3 4 5 Next

Place of Use Legal Description : IRRIGATION STORAGE (ADA county)

Show 10 entries Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	19	1		NW	NW	

Showing 1 to 1 of 1 entries Previous 1 Next

Conditions

Code	Condtions
X27	This right is limited to the irrigation of 187 acres within the authorized place of use in a single irrigation season.
X35	Rights 63-33884 and 63-34373 when combined shall not exceed a total diversion rate of 9.42 cfs and a total annual maximum diversion volume of 2,120 af.
WB7	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor exceed a combined annual maximum diversion volume of 842 af at the field headgate for the place of use.
R70	This right when combined with all other rights shall provide no more than 5.0 afa per acre for irrigation storage and irrigation from storage for the place of use.
01J	Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works. The right holder shall be required to utilize non-low temperature geothermal water form authorized points of diversion up to their capacity for irrigation of the place of use of this right. Low temperature geothermal water from any authorized point of diversion shall only be diverted at the rate equal to the remaining portion of this right's authorized diversion rate not capable of being satisfied by non-low temperature geothermal water from any other authorized point of diversion. Annual diversion of low temperature geothermal water from the well located in the Gov't Lt3 (NWNE), Section 6, Township 01N, Range 02E, B.M. shall not exceed 123 af annually under water right Nos. 63-3362, 63-7531, 63-10383, 63-11347, 63-12546, 63-33884, and 63-34373 combined. A single new point of diversion is authorized in either Lot 4 (SWSW), or SESW, Section 18, Township 01N, Range 02E, to provide water that shall not exceed a temperature greather than 85 degrees Fahrenheit.
067	The right holder shall record the quantity of water diverted and annually report diversions of water and/or other pertinent hydrologic and system information as required by Idaho Code § 42-701.
069	Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit. Any well used as a point of diversion for this water right shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate measurement of ground water levels. Unless specifically notified by the Director to do so, the right holder is not responsible for measuring water levels but shall allow access to the well(s) by the Idaho Department of Water Resources or its representative to collect data as needed.
943	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 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.
206	This right is limited to the irrigation of a specific 187 acres within the 1,675 acre place of use authorized by this right in a single irrigation season. The specific 187 acres to be irrigated by the right holder shall be identified prior to use by submittal of a land list and a representative electronic shape file or by submittal of a land list and a map sufficiently detailed to allow creation of an electronic shape file to be associated with this right in the geographic information system component of the water rights database maintained by the department. Before changing the 187 acres to be irrigated within the 1,675 acre place of use, the right holder shall submit a new land list and representative electronic shape file or map to the Department prior to the irrigation season in which the change will occur.
221	The right holder shall install and maintain an impermeable liner in the pond to eliminate seepage losses.
220	The one (1) pond established by the storage of water under this right shall not exceed a total capacity of 307 acre-feet or a total surface area of 14.0 acres.
020	The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder.
26A	Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.
046	Right holder shall comply with the drilling permit requirements of Idaho Code § 42-235 and applicable Well Construction Rules of the Department.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 1/1/2025
Permit Proof Made Date :
Permit Approved Date : 1/6/2020
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 8/23/2022
Protest Deadline Date:

Other Information

State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-34374(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	MONTIERTH, RAY	825 HEARTLAND DR	NAMPA	ID	83686-8156
Original Owner	MONTIERTH, SUSAN	825 HEARTLAND DR	NAMPA	ID	83686-8156
Representative	SPF WATER ENGINEERING LLC	C/O SCOTT N KING 300 E MALLARD DR STE 350	BOISE	ID	83706

Water Permit Status

Priority Date : 4/20/2017
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	11		NE	SE	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	6.00 CFS	
TOTAL			6.00 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	3			SE	SE	20
01N	01E	10			NE	NE	30
01N	01E	11			SW	NE	38
01N	01E	11			SE	NE	37
01N	01E	11			NE	NW	33
01N	01E	11			NW	NW	34
01N	01E	11			SE	NW	34
01N	01E	11			NE	SE	37
01N	01E	11			NW	SE	37

Irrigation Totals

Total Acres	Acre Limit
300.00	

Conditions

Code	Condtions
R65	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.
01J	Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works.

067 The right holder shall record the quantity of water diverted and annually report diversions of water and/or other pertinent hydrologic and system information as required by Idaho Code § 42-701.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

Any well used as a point of diversion for this water right shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate measurement of ground water levels. Unless specifically notified by the Director to do so, the right holder is not responsible for measuring water levels but shall allow access to the well(s) by the Idaho Department of Water Resources or its representative to collect data as needed.

020 The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

046 Right holder shall comply with the drilling permit requirements of Idaho Code § 42-235 and applicable Well Construction Rules of the Department.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 1/1/2025
Permit Proof Made Date :
Permit Approved Date : 1/6/2020
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 9/8/2022
Protest Deadline Date:

Other Information

State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-34385(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	ANDERSON ENTERPRISES	17220 S CLOVERDALE RD	KUNA	ID	83634
Previous Owner	NICHOLSON PROPERTIES LP	570 N KATIE WAY	KUNA	ID	83634

Water Permit Status

Priority Date : 11/22/2013
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	3		SW	SW	ADA	
GROUND WATER	01N	01E	10		NW	NE	ADA	
GROUND WATER	01N	01E	10		SW	NE	ADA	
GROUND WATER	01N	01E	10		SE	SE	ADA	

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	0.84 CFS	
TOTAL			0.84 CFS	

Places of Use

Printable View | Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	14			NE	NW	32
01N	01E	14			NW	NW	32
01N	01E	15			NE	NE	40
01N	01E	15			SW	NE	40
01N	01E	15			SE	NE	40
01N	01E	15			NE	SE	40
01N	01E	15			SE	SE	40

Irrigation Totals

Total Acres Acre Limit

264.00

Conditions

Code	Condtions
R65	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use. Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.

The right holder shall install a measuring device acceptable to the Department in the diversion and distribution system authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement for the amount of water authorized under this right. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified otherwise by the Department. The records shall be made available to the Department upon request. Unless or until notified otherwise by the Department, this condition does not apply to other senior rights used in conjunction with this right in a common system.

At least one point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in at least one point of diversion. Water level measurements shall be made monthly throughout the year from the beginning of diversion and use of water in connection with this right and continuing until notified otherwise by the Department. The records shall be made available to the Department upon request.

If the Department determines based on credible evidence, measurement reports, area data or otherwise that diversion and use of ground water under this right is causing material injury to any senior water right(s), the Department may order the diversion reduced, the diversion curtailed, or the right holder to provide adequate mitigation to remedy the injury.

The right holder shall install or construct a straight length of conduit or ditch suitable for installation of a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least fifteen times the diameter of the conduit and shall be above ground or otherwise easily accessible. Unless or until notified otherwise by the Department, this condition does not apply to other senior rights used in conjunction with this right in a common system.

Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior approval of the Department.

Proof of application of water to beneficial use shall be submitted no sooner than 4 years and no later than 5 years from the date of approval of this right. A report with no less than 4 years of diversion measurement and aquifer level water monitoring data shall be submitted in connection with filing proof of beneficial use. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in cancellation of the permit.

Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 10/1/2027
Permit Proof Made Date :
Permit Approved Date : 9/22/2014
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Recevied Date: 6/9/2022
Protest Deadline Date: 9/6/2022

Other Information

State or Federal :
Water District Number : TBD
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plantiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Monitoring, Recording, and Reporting Plan
Applications for Permit 63-32680 and 63-33296

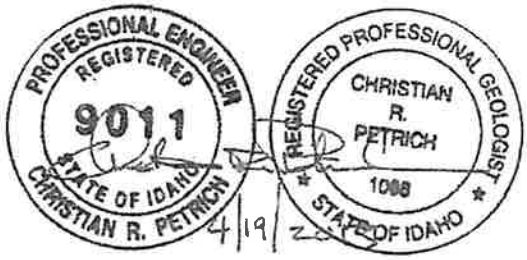
Submitted by

Kirkwood Bank & Trust Company
2911 N. 14th Street, Suite 101
Bismarck, North Dakota 58503

Pete Jahner, Senior Vice President
Kirkwood Bank & Trust Company

Prepared by

SPF Water Engineering, LLC
300 East Mallard, Suite 350
Boise, Idaho 83706
(208) 383-4140



April 19, 2013

SPF WATER ENGINEERING

Exhibit A

1. INTRODUCTION

This document presents a monitoring plan for Applications 63-32680 and 63-33296. The monitoring plan is based on (1) anticipated Idaho Department of Water Resources (IDWR) requirements and (2) a Stipulation and Joined Motion to Approve Conditions, signed by the Kirkwood Bank & Trust Company ("Applicant," "Kirkwood," or "Right Holder"), United Water Idaho Inc. ("United Water"), and Idaho Department of Correction ("IDOC"), completed on December 13, 2012.

Application for Permit 63-32680 and amended Application for Permit 63-33296 request authorization to divert 11.76 cfs of ground water for the irrigation of 784 acres in Township 1 North, Range 1 East. The places of use (POUs) under both applications are overlapping, and are located between Cloverdale and Cole roads approximately eight miles southeast of the City of Kuna (Figures 1 and 2).

2. MONITORING PLAN

This monitoring plan includes the construction of a dedicated monitoring well, discharge measurements from production wells, and groundwater-level measurements in production and monitoring wells. Specifically, the monitoring plan consists of the following:

Supply Wells

1. Each new Supply Well[1] shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate groundwater-level measurements.
2. An airline tube of known length extending from above ground level to near the top of the pump bowls shall be installed in all supply wells with oil-lubricated pump shafts.
3. Each Supply Well will be pump-tested in connection with the completion of its construction. The water-level drawdown versus time, discharge, and water-level recovery data from these pump test will be submitted to IDWR, United Water, and IDOC as part of the monitoring data reported for the year in which the well was constructed.

[1] There are no known existing supply wells within the place of use for applications 63-32680 and 63-33296.

4. Each authorized point of diversion ("Supply Well") constructed under approved Permits 63-32680 and 63-33296 will be equipped with an electromagnetic induction totalizing flowmeter ("mag meter") of a type approved by IDWR (an approved list is attached as Attachment A).

Monitoring Well

5. One dedicated, non-pumped monitoring well ("Monitoring Well") will be drilled and constructed for electronic and manual water level measurements. Siting criteria include proximity to protestants' wells, access, and distance from supply wells and irrigated areas.
6. The monitoring well shall be constructed within one year of application approval and permit issuance, and shall be constructed prior to the drilling and construction of supply wells.
7. The Monitoring Well shall be constructed with at least 10 feet of stainless steel well screen placed at the same depth as the anticipated uppermost portion of the screened interval of the first Supply Well constructed under these rights (e.g., 100 feet or more below the water table).
8. The Monitoring Well will be developed by pumping (using a temporary electric pump or by air-lifting) to confirm that the wells capable of producing water and therefore suitable for monitoring water level changes. In the event that the monitoring well is not suitable for monitoring, the well will be decommissioned and a new monitoring well will be drilled at a similar location.

Monitoring Period

9. Manual and digital measurements in the Monitoring Well and in the Supply Wells will commence no later than the start of withdrawals under the rights and shall continue for a period of 10 years following the beginning of withdrawals under the approved permits/licensed rights (the "Monitoring Period").
10. No less than 4 years of groundwater monitoring data shall be submitted in connection with filing proof of beneficial use for this right.
11. After the Monitoring Period has ended, the Right Holder shall continue to submit flowmeter data from Supply Wells on an annual basis as set forth above, but shall have no further obligations with respect to other data submissions listed in this Monitoring Plan.

Instrumentation

12. Each Supply Well will be equipped with a non-vented submersible pressure transducer/digital datalogger.
13. The Monitoring Well shall initially be equipped with two non-vented submersible pressure transducers/dataloggers. Following the completion of the first supply well, one of these pressure transducers/dataloggers will be moved to the first

supply well, leaving one pressure transducer/datalogger installed in the monitoring well.

14. Submersible pressure transducers will be suspended by a stainless steel cable of known length and at a depth that will allow the pressure transducers to always remain submerged. Submersible pressure transducers in the Supply Wells will be housed in the sounding tube.

15. The Monitoring Well will be equipped with a digital barometric datalogger inside the well head.

Manual Measurements

16. Manual groundwater-level measurements from all Supply Wells and the Monitoring Well will be obtained using chalked-steel tapes and/or non-stretch electric well sounders.

17. All manual water level measurements will be recorded and reported to 0.01 foot. All electronic water-level measurements (e.g., those recorded by pressure transducers/dataloggers) will be recorded and reported to 0.5 foot or less. The height of the measurement datum above the land surface or floor level of known elevation will be documented for each manual measurement.

18. After the Monitoring Period, the Right Holder or successor shall provide the Department reasonable access to the Monitoring Well for continued electronic and manual water level measurements at the Department's discretion.

19. The Right Holder shall be responsible for the groundwater measuring, monitoring, and reporting obligations set forth in this Monitoring Plan, and for keeping the instrument and equipment maintained in working order so that the Monitoring Plan's data submitting and reporting goals are fulfilled during the Monitoring Period.

Measurement and Data-Retrieval Frequency

20. All electronic dataloggers will be set to measure and record pressures at 6-hour intervals.

21. Manual on-site water-level measurements in each Supply Well and in the Monitoring Well will be taken at a minimum frequency of 3 times per year. Measurements will be taken according to the following schedule (the "Measuring Times"):

    a. Between November 15 and November 30;

    b. Between January 15 and January 31; and

    c. Between March 1 and March 15.

22. Data from the electronic dataloggers and flow meters will be retrieved at the same time that manual measurements are taken.

Reporting

23. The Right Holder shall prepare and submit to IDWR an annual interpretive report ("Monitoring Report") by April 30 of each year during the Monitoring Period[2]. The Monitoring Report shall include the following:
    a. Water right numbers (e.g., permits 63-32680 and 63-33296);
    b. Legal description of the points of diversion;
    c. Well locations (established by GPS coordinates) and well-head elevation referenced to sea-level datum;
    d. Monthly volumes diverted per supply well during irrigation season;
    e. Total volume diverted during the reporting period;
    f. Description of physical changes to the diversion works that have been made during the reporting period;
    g. Depth of water in any well prior to commencement of pumping (based on measurement taken between March 1 and March 15 as outlined above);
    h. Depth of water during the pumping (presented as hydrographs for each monitored well, along with a discussion of notable changes in water levels and an explanation of any other factors or anomalies that may have influenced the measured water levels);
    i. All raw submersible transducer and barometric data, flow meter readings, and manual measurements in Microsoft Excel format.
24. Hydrographs in the Monitoring Report shall be based on digital pressure-transducer data that have been corrected for barometric pressure changes.
25. All hydrographs in the Monitoring Report will show both groundwater-level data derived from digital recorders and manual measurements.
26. A copy of each annual Monitoring Report prepared during the monitoring period shall be sent to United Water and IDOC.
27. The Monitoring Report shall be prepared by a registered professional engineer or registered professional geologist.

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[2] Idaho Code § 42-701(5) gives the Director of IDWR general authority to require monitoring and reporting of diversions and groundwater levels. Such monitoring could be requested by IDWR following the Monitoring Period.

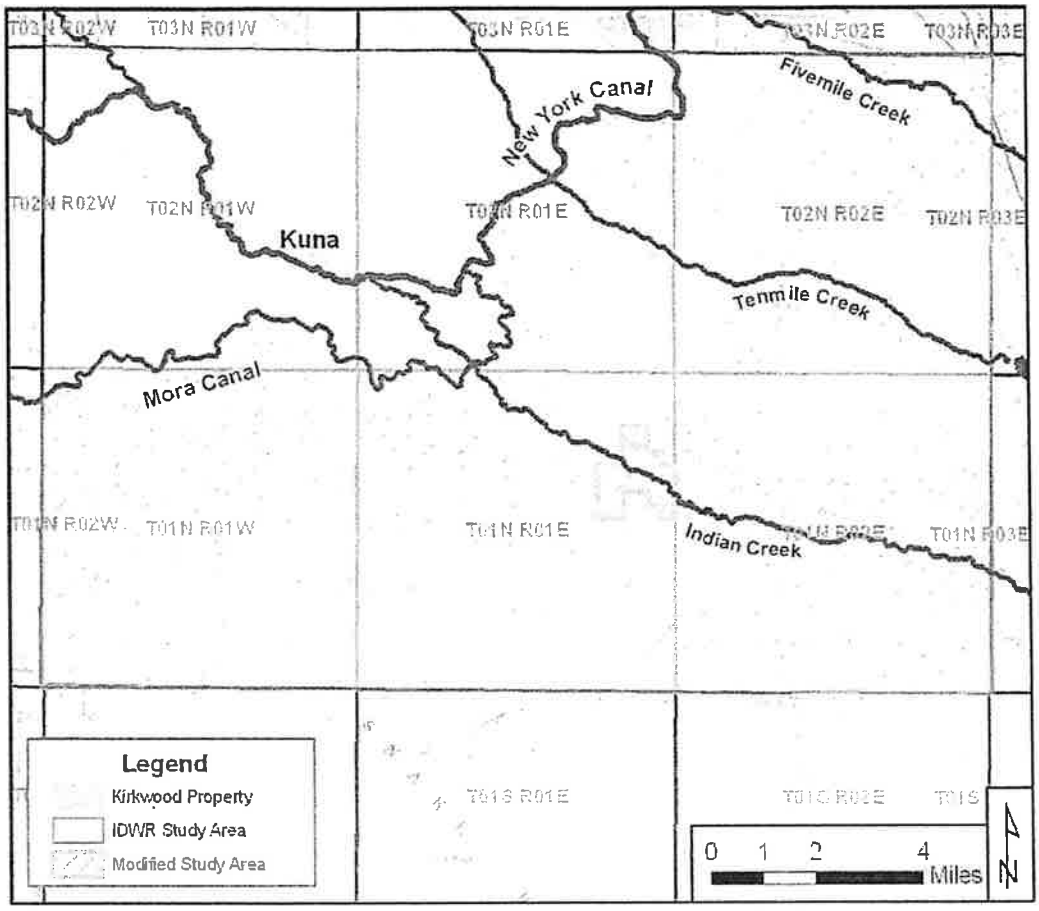

Figure 1. Location map.

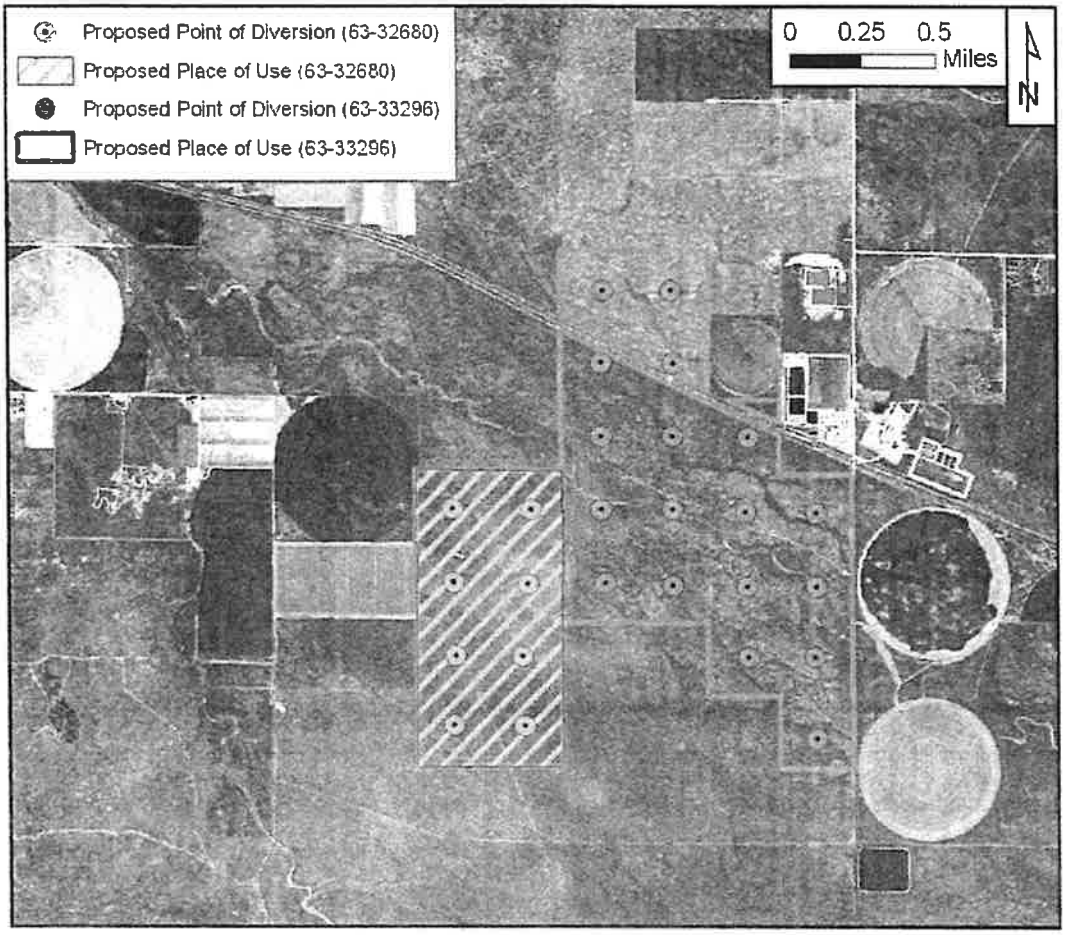

Figure 2. Place of Use and Points of Diversion for Amended Application 63-32680 and Application 63-33296.

Attachment A: IDWR Approved Flow Meter List

Version 2.2

Idaho Department of Water Resources
List of Approved Closed Conduit Flow meters

The table below lists flow meters **that have been tested and approved by IDWR for use in closed conduit measurement applications where the installation configuration and application meet manufacturer's requirements for the selected model.** These approved flow meters were subject to testing requirements outlined by IDWR and conducted by staff from Utah State's NIST[1] traceable lab in Logan Utah and performed at or above IDWR minimum acceptable standards for accuracy when installed in piping distances that met or exceeded minimum straight run piping requirements specified by IDWR. The approved list is current as of this printing, but may change as additional models and manufacturers undergo testing and approval. The current version of these standards, including this list, is posted on the IDWR Internet site at the following URL:

http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/PDFs/Approved_flow_meter_list.pdf

Note that not all models are appropriate for every application. Pipe size, available straight pipe lengths, water chemistry, pressure, velocity, environmental exposure, and power requirements are among the factors affecting whether a given meter will perform for a given application. Prior to selecting a meter, consult the manufacturer's installation requirements to assure they can be met.

Manufacturer	Model/Specifications	Type	IDWR-accepted Pipe Applications (Nominal Pipe Size)
Siemens	CLAMP-ON ULTRASONIC -SITRANS FUS 1010 w/ HIGH PRECISION TRANSDUCERS	Clamp-On Ultrasonic	>12"
Siemens	SITRANS F M MAGFLO MAG 5100W w/ 5000 converter	Full profile Electro-Magnetic	1" to 78"
Siemens	SITRANS FM, MAGFLO 8000, model 7ME6880	Full profile Electro-Magnetic	1" to 48"
Fuji	Time Delta C w/ 1MHz transducers	Clamp-On Ultrasonic	>12"
Seametrics	AG 2000	Full profile Electro-Magnetic	4" to 10"
GE Panametrics	AT868 w/ 1MHz transducers	Clamp-On Ultrasonic or Wetted Transducer	>12"
McCrometer	Ultra Mag w/ M-Series Converter	Full profile Electro-Magnetic	2" to 48"

(continued on next page)

[1] NIST - National Institute of Standards and Technology.

Version 2.2

Manufacturer	Model/Specifications	Type	IDWR-accepted Pipe Applications (Nominal Pipe Size)
Badger	M2000 Amplifier w/ M2000 Detector	Full profile Electro-Magnetic	1/4" to 54"
Khrone	Enviromag 2000 w/ Optiflux 2000 F/G	Full profile Electro-Magnetic	3/8" to 80"
Rosemount	8705 w/ 8732E transmitter	Full profile Electro-Magnetic	1/2" to 36"
Burkert	8054/8055 w/ Magflow transmitter	Full profile Electro-Magnetic	1" to 80"
Sparling	Tiger Mag W/FM6561051110 Converter	Full profile Electro-Magnetic	3/8" to 48"
Sensus	IPerl	Full profile Electro-Magnetic	5/8"-1"

(Approved Flow Meter list continued)

Appendix B

Well Driller's Reports for Production and Monitoring Wells

Plant Well 1

RECEIVED
OCT 06 2015
WATER RESOURCES
WESTERN REGION

Form 238-7
6/07

Q3

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0069003
Drilling Permit No. 968768 - 874825
Water right or injection well #

2. OWNER: JR Simplot Co.
Name
Address P.O. Box 27
City Boise State Idaho Zip 83707

3.WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐
Sec. 6 NW (10 acres) 1/4 SW (40 acres) 1/4 ____ (160 acres) 1/4
Gov't Lot ____ County ADA
Lat. 43 ° 26.841 (Deg. and Decimal minutes)
Long. 116 ° 16.380 (Deg. and Decimal minutes)
Address of Well Site S. Cole Rd. 1/4 mile North of Barker
(Give at least name of road + Distance to Road or Landmark) City Kuna
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
Neat cement	188ft	0	9 yd3	pumped
Neat cement	315ft	0	11 yd3	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
20"	0	188	.375	steel	☒	☐	☐	☒
14"	+2	395	.375	steel	☒	☐	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☐ N Method
Manufactured screen ☒ Y ☐ N Type Joston
Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
395	455	30	60ft	14"	ss	.375

Length of Headpipe ____ Length of Tailpipe ____
Packer ☐ Y ☒ N Type

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
6-9	315	455	9850lbs	trimmie

11. FLOWING ARTESIAN:
Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG)
Describe control device plat

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 315 Static water level (ft) 294
Water temp. (°F) 83 Bottom hole temp. (°F) 83
Describe access port

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method: Pump	Bailer	Air	Flowing artesian
43.1	1520	7.7 hrs	☒	☐	☐	☐
			☐	☐	☐	☐

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
24	0	2	top soil		
24	2	8	sandy dirt and gravel		
24	8	30	hard black lava		
24	30	38	broken soft black lava		
24	38	44	hard black lava		
24	44	48	soft red lava		
24	48	55	hard black lava		
24	55	77	soft black lava		
24	77	95	hard black lava		
24	95	105	soft black lava		
24	105	135	hard black lava		
24	135	145	soft black lava		
24	145	155	red cinders		
24	155	162	hard black lava		
24	162	177	hard black lava		
19	177	312	large gravel and sand		
19	312	315	rock and clay		
19	315	320	sand and gravel		
19	320	325	rock and clay		
19	325	402	sand and gravel		
19	402	425	white clay		
19	425	448	sand and gravel		
19	448	460	brown clay with gravel		
19	460	465	sand and gravel		
19	465	471	brown clay and little rock		
19	471	477	sand and gravel		
19	477	490	brown clay and rock		
19	490	523	big gravel and sand		
19	523	531	sand and gravel		
19	531	543	gravel and sand with clay		
19	543	555	sandstone		
19	555	560	gravel and sand		

Completed Depth (Measurable): 455
Date Started: 6/1/2015 Date Completed: 9/16/2015

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 Treasure Valley Drilling Co. No. 560
*Principal Driller [signature] Date 9-22-15
*Driller Date
*Operator II Date
Operator I Date

* Signature of Principal Driller and rig operator are required

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 806903

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER: J R Simplot Co.

Name _____

Address P.O Box 27

City Boise State ID Zip 83707

3. WELL LOCATION:

Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐

Sec. 6 NW 1/4 SW 1/4 _____ 1/4

Gov't Lot _____ County Ada

Lat. _____ ° _____ (Deg. and Decimal minutes)

Long. _____ ° _____ (Deg. and Decimal minutes)

Address of Well Site 5 Cole Rd. ¼ mile north of Barker

City Kuna

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

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
Neat Cement	188'	0	13 Yards	Pumped
Neat Cement	315'	0	10½ Yards	Pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
20"	0	188	.375	Steel (Casing)	☒	☐	☐	☒
					☐	☐	☐	☐
14"	4.2	395	.375	Steel	☒	☐	☐	☒
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☐ N Method _____

Manufactured screen ☒ Y ☐ N Type Alloy Screen

Method of installation Set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
395	455		60		Stainless	.375

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
6-9	315	455	9,850 CBS	Tremie

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): 315 Static water level (ft) 294

Water temp. (°F) 83 Bottom hole temp. (°F) 83

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
33	200	60

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
24"	0	2	TOP Soil		
" "	2	8	Sandy dirt / Gravel		
"	8	30	Hard black lava		
	30	38	Broken / soft Black lava		
	38	44	Hard black lava		
	44	48	soft red lava		
	48	55	Hard black lava		
	55	77	soft black lava		
	77	95	Hard black lava		
	95	105	soft black lava		
	105	135	Hard black lava		
	135	145	Soft black lava		
	145	155	red cinders		
	155	160	Hard black lava		
	160	177	Hard black lava		
19"	177	312	Big Gravels + Sand		
" "	312	315	Rock + Clay		
"	315	320	Sand + Gravel		
	320	325	rock + clay		
	325	402	Sand + Gravel		
	402	405	White Clay		
	405	448	Sand + Gravel		
	448	460	Brn Clay with Gravel		
	460	465	Sand + Gravel		
	465	471	Brn Clay + little rock		
	471	477	Sand + Gravel		
	477	490	Brn clay + rock		
	490	523	Big Gravels + Sand		
	523	531	Sand + Gravel		
	531	543	Gravels and little Clay		
	543	555	Sandstone		
	555	560	Gravel + Sand		

Completed Depth (Measurable): 455

Date Started: 7-1-15 Date Completed: 8-30-15

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed. #560

Company Name Treasure Valley Drilling and Pump

*Principal Driller Shawn Mikkelsen Date 9-28-15

*Driller Shawn Mikkelsen Date 9-28-15

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

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OCT 02 2015

WATER RESOURCES
WESTERN REGION

Plant Well 2

Form 238-7
8/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0070211
Drilling Permit No. 970455-876512
Water right or injection well # 63-33207

2. OWNER: JR Simplot Company
Name
Address PO Box 27
City Boise State Idaho Zip 83707

3.WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐
Sec. 6 1/4 SW 1/4 SW 1/4
Govt Lot 7 County
Lat. 43 ° 26.845 (Deg. and Decimal minutes)
Long -116 ° 16.419 (Deg. and Decimal minutes)
Address of Well Site 150' East of south cole rd
1075' North of Barker Rd City Near Kuna
Lot. Blk. Sub. Name

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☒ Other Industrial

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
Neat cement	188	0	9yd3	pumped
Neat cement	315	0	11yd3	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
26	0	11	.375	steel	☒	☐	☐	☐
20	+1	176	.375	steel	☒	☐	☐	☒
14	+1	395	.375	steel	☒	☐	☐	☒
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method
Manufactured screen ☒ Y ☐ N Type
Method of installation

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
395	455	40	60	14	ss	.375

Length of Headpipe Length of Tailpipe
Packer ☐ Y ☒ N Type

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
silica sand	320	455	8400lbs	trimmie

11. FLOWING ARTESIAN:
Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG)
Describe control device plat

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 290 Static water level (ft) 289
Water temp. (°F) 82 Bottom hole temp. (°F) 82
Describe access port

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
338	2190	4hrs

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
32	0	1	top soil		X
32	1	11	cleachy basalt		
26	11	93	weathered basalt		
26	93	97	red cinders		
26	97	124	black basalt		
26	124	128	red cinders		
26	128	176	hard black basalt		
20	176	186	sand and gravel		
20	186	211	gravel and basalt boulders		
20	211	255	sand and gravel boulders		
20	255	266	cemented gravel		
20	266	290	sand and gravel	X	
20	290	367	clay		
20	367	376	sand		
20	376	460	pea gravel and silty sand		

Completed Depth (Measurable) 455
Date Started 9/10/2015 Date Completed 9/30/2015

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 Treasure Valley Drilling Co. No. 560
*Principal Driller Date 9-30-15
*Driller Date
*Operator II Date
Operator I Date

* Signature of Principal Driller and rig operator are required

Drill Water Supply Well (Monitoring)

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066263
Drilling Permit No.
Water right or injection well #

2. OWNER
Name Ray Montierth
Address 825 Hartland Dr
City Nampa State ID Zip 83686

3. WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 1 East ☒ or West ☐
Sec. 14 1/4 (10 acres) SE 1/4 (40 acres) NE 1/4 (160 acres)
Gov't Lot County ADA
Lat. 34 ° 25.612 (Deg. and Decimal minutes)
Long. 116 ° 17.845 (Deg. and Decimal minutes)
Address of Well Site: Cross tracks on Cole heading south first right 1 mile left 1/2 mile left 1/4 mile City Kuna
Lot Blk. Sub. Name

4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ 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
Bentonite	0	38	950lbs	Pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
6	+2	38	.230	Steel	☒	☐	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method
Manufactured screen ☐ Y ☒ N Type
Method of installation

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule

Length of Headpipe Length of Tailpipe
Packer ☐ Y ☒ N Type

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
na	na	na	na na	na

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) 265 Static water level (ft) 230
Water temp. (°F) 56 Bottom hole temp. (°F)
Describe access port Cap

Well test: Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
35	20	1HR	☐	☐	☒	☐

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
10	0	2	Top Soil		X
10	2	8	Sandy Clay		X
10	8	15	Brown Clay		X
10	15	34	Brown Sandy Clay		X
10	34	38	Broken up Lava		X
6	38	54	Lava		X
6	54	57	Red Lava		X
6	57	81	Black Lava		X
6	81	83	Red Lava		X
6	83	101	Black Lava		X
6	101	104	Brown Lava		X
6	104	232	Brown Lava		X
6	232	245	Fractured Lava		X
6	245	258	Lava		X
6	258	265	Brown Lava		X
6	265	270	Corse Sand	X	
6	270	280	Lava		X
6	280		Gravel	X	

Completed Depth (Measurable) 270
Date: Started 04/17/2014 Completed 4/20/2014

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 Treasure Valley Drilling Co. No. 560
*Principal Driller Date
*Driller Date
*Operator II Date
Operator I Date
* Signature of Principal Driller and rig operator are required.

Irrigation Well 1

63

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066300
Drilling Permit No. 965586-871645
Water right or injection well # 63-32680

2. OWNER
Name Ray Montierth
Address 825 Heartland Dr.
City Nampa State Id Zip 83686

3. WELL LOCATION:
Twp. 1 North ☒ or South ☒ Rge. 1 East ☒ or West ☐
Sec. 14 sw (10 acres) 1/4 ne (40 acres) 1/4 ne (160 acres) 1/4
Gov't Lot ____ County Ada
Lat. 43 ° 25.967 (Deg. and Decimal minutes)
Long. 116 ° 16.803 (Deg. and Decimal minutes)
Address of Well Site 1 mi.w .of S.Cole Rd 1 mi. S. of railroad ROW
City Kuna
(Give at least name of road + Distance to Road or Landmark)
Lot ____ Blk. ____ Sub. Name ____

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation ☐ Thermal ☐ Injection
☐ Other ____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ 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
3/4bentonite	0	38	23000 lbs	pour
cement	150	300	43 ft 3	trimmed

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
26	0	38	.375	steel	☒	☐	☐	☒
20	0	149	.375	steel	☒	☐	☐	☒
16	1	150	.250	steel	☒	☐	☐	☒

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method ____
Manufactured screen ☒ Y ☐ N Type johnson
Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
330	430	.40	100	16	ss	.375
440	540	.40	100	16	ss	.375

Length of Headpipe na Length of Tailpipe ____
Packer ☐ Y ☒ N Type ____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
silico sand	80	540	23000 lbs	pour

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) ____ Static water level (ft) ____
Water temp. (°F) 70 Bottom hole temp. (°F) 70
Describe access port flat plat

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
23	3300	20 hr

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
30	0	2	top soil		x
30	2	8	sandy clay		x
30	8	17	brown clay		x
30	17	35	brown sandy clay		x
30	35	38	broken up lava		x
25	38	73	lava		x
25	73	85	brown lava		x
25	85	130	lava		x
25	130	140	brown lava		x
25	140	153	fractured lava		x
25	153	175	red lava		x
25	175	186	brown lava		x
25	186	200	fractured lava		x
25	200	255	lava		x
25	255	266	brown lava		x
25	266	270	sand	x	
25	270	273	brown clay		x
25	273	278	lava		x
25	278	284	gravel	x	
20	284	291	corse sand	x	
20	291	305	brown clay		x
20	305	317	brown sand	x	
20	317	335	brown clay		x
20	335	356	gravel	x	
20	356	360	brown clay		x
20	360	368	corse sand	x	
20	368	373	medium sand	x	
20	373	378	brown clay		x
20	378	381	brown sand	x	
20	381	389	gravel	x	
20	389	410	corse sand and gravel	x	
20	410	430	medium sand	x	
Completed Depth (Measurable)					
Date: Started 4-16-14 Completed					

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 Treasure Valley Drilling Co. No. 560
*Principal Driller Monte Post Date 6-27-14
*Driller [signature] Date 7-31-14
*Operator II ____ Date ____
Operator I Jeremy Bullock Date 7-31-14
* Signature of Principal Driller and rig operator are required.

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JUL 03 2014
WATER RESOURCES
WESTERN REGION

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066300
Drilling Permit No. 965586-871645
Water right or injection well # 63-32680

2. OWNER
Name Ray Montierth
Address 825 Heartland Dr
City Nampa State Id Zip 83686

3. WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 1 East ☒ or West ☐
Sec. 14 sw (10 acres) 1/4 ne (40 acres) 1/4 ne (160 acres) 1/4
Gov't Lot ____ County Ada
Lat. 43 ° 25.967 (Deg. and Decimal minutes)
Long. 116 ° 16.803 (Deg. and Decimal minutes)
Address of Well Site 1 mi.W.of Cole Rd 1 mi. S. of railroad ROW
City Kuna
(Give at least name of road + Distance to Road or Landmark)
Lot. ____ Blk. ____ Sub. Name ____

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation ☐ Thermal ☐ Injection
☐ Other ____

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

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
16	155	330	.375	steel	☒	☐	☐	☒
16	430	440	.375	steel	☒	☐	☐	☒
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☐ N Method ____
Manufactured screen ☐ Y ☐ N Type ____
Method of installation ____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule

Length of Headpipe ____ Length of Tailpipe ____
Packer ☐ Y ☐ N Type ____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	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) 266 Static water level (ft) 225
Water temp. (°F) 70 Bottom hole temp. (°F) 70
Describe access port flat plate

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
23	3300	20 hr

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
20	430	438	brown clay		x
20	438	455	corse sand	x	
20	455	480	gravel	x	
20	480	499	corse sand	x	
20	499	502	brown clay		x
20	502	508	medium sand	x	
20	508	513	brown clay		x
20	513	518	gravel	x	
20	518	540	brown clay with sand strips	x	

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JUL 03 2014
WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable) 540
Date: Started 4-16-14 Completed 6-4-14

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 Treasure Valley Drilling Co. No. 560
*Principal Driller Monte Post Date 6-27-14
*Driller ____ Date ____
*Operator II ____ Date ____
Operator I Jeremy Bullock Date 6-27-14
* Signature of Principal Driller and rig operator are required.

63

Irrigation Well 2

1 of 2

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0067448
Drilling Permit No. 967343-873402
Water right or injection well # _____

2. OWNER:
Name Ray Montierth
Address 825 Hartland
City Nampa State ID Zip 83686

3.WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 1 East ☒ or West ☐
Sec. 13 _____ 1/4 (10 acres) NW 1/4 (40 acres) NW 1/4 (160 acres)
Gov't Lot _____ County ADA
Lat. 43 ° 25.608 (Deg. and Decimal minutes)
Long. 116 ° 17.611 (Deg. and Decimal minutes)
Address of Well Site S.Cole
(Give at least name of road + Distance to Road or Landmark) City Kuna
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 mathod/procedure
3/4bentonite	0	39	4000 lbs	pour
concrete	270	300	31/2 yd	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
26	0	39	.375	steel	☒	☐	☐	☒
20	1	284	.375	steel	☒	☐	☐	☒
16	270	350	.250	steel	☒	☐	☐	☒
16	510	535	.250	steel	☒	☐	☐	☒

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method _____
Manufactured screen ☒ Y ☐ N Type Alloy
Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
350	510	.35	160	16	ss	.98
535	575	.35	40	16	ss	.98

Length of Headpipe 80 Length of Tailpipe _____
Packer ☒ Y ☐ N Type double wing k-packer

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
6/9 silca sand	305	575	16500 lbs	pour

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) 293 Static water level (ft) 236
Water temp. (°F) 70 Bottom hole temp. (°F) 70
Describe access port flat plate

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
22	2980	6 hr

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
30	0	3	top soil		x
30	3	27	sandy clay		x
30	27	35	corse sand		x
30	35	39	red clay		x
24	39	65	hard lava		x
24	65	69	red cinders		x
24	69	82	gray lava		x
24	82	87	red broken up lava		x
24	87	99	black lava		x
24	99	101	broken up lava		x
24	101	107	gray lava		x
24	107	111	red lava		x
24	111	122	gray lava		x
24	122	151	gray broken up lava		x
24	151	158	black broken up lava		x
24	158	170	brown and red cinders		x
24	170	223	gray lava		x
24	223	230	broken up lava		x
24	230	258	black lava		x
24	258	267	corse sand		x
24	267	286	brown lava		x
24	286	293	broken up lava		x
24	293	305	red cinders	x	
20	305	320	brown clay and red cinders		x
20	320	335	brown clay		x
20	335	370	gravel	x	
20	370	373	brown clay		x
20	373	429	corse sand and gravel	x	
20	429	431	brown clay		x
20	431	435	corse sand	x	
20	435	438	brown clay		x
20	438	445	gravel	x	

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WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 575
Date Started: 9-14-14 Date Completed: 11-21-14

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 Treasure Valley Drilling Co. No. 560
*Principal Driller Monte Post Date 11-30-14
*Driller Jimmy Bullock Date 11-30-14
*Operator II _____ Date _____
Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

63

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0067448
Drilling Permit No. 96 7343- 873402
Water right or Injection well # _____

2. OWNER:
Name Ray Montierth
Address 825 Hartland
City Nampa State Id Zip 83686

3.WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 1 East ☒ or West ☐
Sec. 13 ____ 1/4 NW 1/4 NW 1/4
(10 acres) (40 acres) (160 acres)
Gov't Lot _____ County ada
Lat. 43 ° 25.608 (Deg. and Decimal minutes)
Long. 116 ° 17.611 (Deg. and Decimal minutes)
Address of Well Site S.Cole
(Give at least name of road + Distance to Road or Landmark) City Kuna
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	270	250	750 lbs	pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☐ N Method _____
Manufactured screen ☐ Y ☐ N Type _____
Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☐ N Type _____

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	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) 293 Static water level (ft) 236
Water temp. (°F) 70 Bottom hole temp. (°F) 70
Describe access port flat plate

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method: Pump	Bailer	Air	Flowing artesian
22	2980	6 hr	☒	☐	☐	☐
			☐	☐	☐	☐

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
20	445	447	brown clay		x
20	447	496	gravel	x	
20	496	511	brown clay		x
20	511	513	gravel	x	
20	513	516	brown clay		x
20	516	519	gravel	x	
20	519	536	brown clay		x
20	536	540	gravel	x	
20	540	547	brown clay		x
20	547	549	gravel	x	
20	549	551	brown clay		x
20	551	569	gravel	x	
20	569	575	brown clay		x

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WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 575
Date Started: 9-14-14 Date Completed: 11-21-14

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 Treasure Valley Drilling Co. No. 560
*Principal Driller Monte Post Date 11-30-14
*Driller Jeremy Bullock Date 11-30-14
*Operator II _____ Date _____
Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

Irrigation Well 3

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D D0071844
Drilling Permit No. _____
Water right or injection well # 63-33207-3403863-32680

2. OWNER:
Name JR Simplot Company
Address PO box 27
City Boise State Idaho Zip 83707

3.WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 1 East ☒ or West ☐
Sec. 14 ____ 1/4 (10 acres) NE 1/4 (40 acres) SE 1/4 (160 acres)
Gov't Lot _____ County Ada
Lat. 43 ° 25.154 (Deg. and Decimal minutes)
Long. 116 ° 17.628 (Deg. and Decimal minutes)
Address of Well Site West of S. Cole rd. south of train tracks
(Give at least name of road + Distance to Road or Landmark) City Kuna
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
3/8 chip	0	53	15800	overbore
3/8 chip	280	265	500lbs	overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
26	0	53	.375	steel	☒	☐	☐	☒
20	+1	280	.375	steel	☒	☐	☐	☒
16	257	345	.375	steel	☒	☐	☐	☒
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☐ N Method _____
Manufactured screen ☒ Y ☐ N Type Johnson S.S.
Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
545	345	.040		16"	S.S	.250

Length of Headpipe _____ Length of Tailpipe _____
Packer ☒ Y ☐ N Type Double k 257-255

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
6-9 silica	545	273	8700lbs	overbore

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) 280 Static water level (ft) 270
Water temp. (°F) 74 Bottom hole temp. (°F) _____
Describe access port flat plate

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
60'	3425	

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
36	0	4	top soil		
36	4	12	sand		
36	42	53	brown clay		
25	53	78	black basalt		
25	78	86	red cinder		
25	86	192	black basalt		
25	192	204	brown clay		
25	204	227	sand and brown clay		
25	227	259	fractured basalt		
25	259	271	brown sand		
25	271	280	basalt	x	
19	280	303	basalt	x	
19	303	309	fractured basalt	x	
19	309	318	baked brown clay		
19	318	324	sticky brown clay		
19	324	326	brown silt	x	
19	326	329	sticky brown clay		
19	329	334	fine brown sand and silt		
19	334	347	sticky brown clay		
19	347	349	fine brown sand	x	
19	349	357	sticky brown clay		
19	357	368	cemented sand	x	
19	368	370	sticky brown clay		
19	370	394	brown sand and pea gravel	x	
19	394	417	sticky brown clay		
19	417	436	brown sand	x	
19	436	444	sticky brown clay		
19	444	529	brown sand with small clay seams		
19	529	555	sticky tan clay		

Completed Depth (Measurable): 545
Date Started: 5-15-16 Date Completed: 6-30-16

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 Treasure Valley Drilling Co. No. 560
*Principal Driller _____ Date Jul 26, 2016
*Driller _____ Date Jul 26, 2016
*Operator II _____ Date Jul 27 2016
Operator I _____ Date _____

* **Signature of Principal Driller and rig operator are required.**

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Irrigation Well 4

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 77537
Drilling Permit No. 9885283
Water right or injection well #

2. OWNER: Simplot Land & Live Stock
Name
Address 1301 Hwy 67
City Grandview State ID Zip 83624

3. WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐
Sec. 6 — SE 1/4 (10 acres) SW 1/4 (40 acres) ___ 1/4 (160 acres)
Gov't Lot ___ County Ada
Lat. 43 ° 26.694 (Deg. and Decimal minutes)
Long. 116 ° 16.113 (Deg. and Decimal minutes)
Address of Well Site South Cole & Berther Rd City
(Give at least name of road + Distance to Road or Landmark)
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
Med. Chips	0	18	1600	Poured
Granular	0	193	7600	Poured

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
20"	+1	18	.250	Steel	☒	☐	☐	☒
16"	+1	193	.250	Steel	☒	☐	☐	☒
12"	+1	450	.250	Steel	☒	☐	☐	☒
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☐ N Method
Manufactured screen ☒ Y ☐ N Type Johnson
Method of installation Set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
450	530	.020		12"	S.S.	.250

Length of Headpipe ___ Length of Tailpipe ___
Packer ☐ Y ☒ N Type

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
6-9 Sand	550	350	8400	Poured

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) 301 Static water level (ft) 301
Water temp. (°F) 55.7 Bottom hole temp. (°F) 55.7
Describe access port

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method: Pump	Bailer	Air	Flowing artesian
14'	1000	2 days	☒	☐	☐	☐
			☐	☐	☐	☐

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
25	0	2	Top Soil		
25	2	6	Clicky		
25	6	18	Weathered Basalt		
20	18	47	Weathered Basalt		
20	47	63	Red Cinder		
20	63	177	Solid Basalt		
20	177	183	Fractured Basalt		
20	183	193	Gravel and Sand	X	
16	193	496	Gravel and Sand		
16	496	507	Silty Tan Clay	X	
16	507	533	Sand and Gravel		
16	533	537	Tan Clay	X	
16	537	542	Fine to Med Sand		
16	542	555	Sticky Tan Clay		

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JUN 07 2018
WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 550
Date Started: 5-1-18 Date Completed: 6-1-18

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 Treasure Valley Drilling Co. No. 560
*Principal Driller [signature] Date 6-7-18
*Driller [signature] Date 6-7-18
*Operator II Date
Operator I Date
* Signature of Principal Driller and rig operator are required.

Monitoring Well

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066301
Drilling Permit No. 965601-871660
Water right or injection well #

2. OWNER
Name Ray Montierth
Address 825 Hearland Dr
City Nampa State Id Zip 83686

3. WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 1 East ☒ or West ☐
Sec. 12 NE (10 acres) 1/4 SW (40 acres) 1/4 SE (160 acres) 1/4
Gov't Lot County Ada
Lat. 43 ° 25.967 (Deg. and Decimal minutes)
Long. 116 ° 16.803 (Deg. and Decimal minutes)
Address of Well Site 1/4 mi.w.of Cole Rd 1/4 mi.s.of railroad ROW
City Kuna
(Give at least name of road + Distance to Road or Landmark)
Lot Blk. Sub. Name

4. USE:
☐ Domestic ☐ Municipal ☒ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ 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
gran/bentoni	0	80	3600/lbs	pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
10	+3	4	.250	steel	☒	☐	☐	☒
6	+2	378	.250	steel	☒	☐	☐	☒
5	368	388	.250	steel	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 376

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method
Manufactured screen ☒ Y ☐ N Type johnson
Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
388	398	.16	10 ft	5	ss	.250

Length of Headpipe 20 Length of Tailpipe
Packer ☒ Y ☐ N Type neoprene

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	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) 280 Static water level (ft) 268
Water temp. (°F) 72 Bottom hole temp. (°F)
Describe access port cap

Well test: Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
122	40	2hr	☐	☐	☒	☐

Water Quality test or comments: tested great, no smell, no sand

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
10	0	2	top soil		x
10	2	9	brokin up lava		x
10	9	37	black lava		x
10	37	40	soft		x
8	39	46	brown lava		x
8	46	68	black lava		x
8	68	70	brown lava		x
8	70	84	black lava		x
8	84	86	fractured lava		x
8	86	88	crack		x
8	88	127	lava		x
8	127	131	soft lava		x
8	131	162	lava		x
8	162	170	soft lava		x
8	170	230	lava		x
8	230	238	sinders		x
6	238	262	gravel	x	
6	262	268	clay		x
6	268	340	gravel sand	x	
6	340	343	clay		x
6	343	347	gravel	x	
6	347	351	clay		x
6	351	356	sand	x	
6	356	360	clay		x
6	360	367	sand	x	
6	367	370	clay		x
6	370	375	sand	x	
6	375	378	clay		x
6	378	385	gravel	x	
6	385	387	clay		x
6	387	404	corse sand	x	
			Completed Depth (Measurable)		398
			Date: Started July 8, 2014 Completed July 20, 2014		

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 Treasure Valley Drilling Co. No. 560
*Principal Driller Monte Post Date 4-3-15
*Driller Date
*Operator II Date
Operator I Mike Langer Date 4-3-15
Signature of Principal Driller and rig operator are required.

RECEIVED
APR 03 2015
WATER RESOURCES
WESTERN REGION

Irrigation Well No. 7

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Carl Nicholson

Address Boise, Idaho

Owner's Permit No. 63-2256

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 20 inches Total depth 402 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.250 inches	20 inches	+1 feet	34 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Diameter ___ Slot size ___ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____

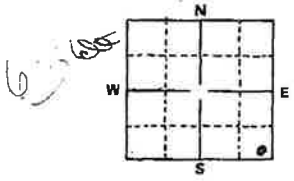
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 34 feet

Material used in seal ☐ Cement grout ☒ Puddling clay & Bentonite

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Ada

SE ¼ SE ¼ Sec. 10, T. 1 N/S, R. 1 E/W

7. WATER LEVEL

Static water level 185 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
3200	20'	8

9. LITHOLOGIC LOG

108054

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
20	0	6	Sandy soil.		
	6	12	Sand.		
	12	28	Clay and sand, some water.	X	
	28	33	Gray lava rock, clay, sand	X	
	33	37	Gray lava.		
	37	52	Clay and sand		
	52	68	Gray lava.		
	68	70	Lost cuttings.		
	70	92	Gray lava.		
	92	97	Brown lava.		
	97	116	Gray lava.		
	116	130	Brown lava.		
	130	148	Gray lava.		
	148	152	Dark red lava.		
	152	183	Gray lava. (183)	X	
	183	195	Brown lava.		
	195	276	Gray lava.		
	276	298	Clay, sand, some small rocks		
	298	338	Clay, sand and gravel.		
	338	341	Yellow clay and sand.		
	341	350	Sand and clay, some small rocks.		
	350	373	Sand and gravel		
	373	390	Yellow clay and sand.		
	390	400	Sand and clay.		
	400	402	River rock, sand and gravel flushed into hole. Filled to 305.		

10.

Work started Mar. 20/73 finished Apr. 30/73

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

Richard Johnson Driller

C. L. Hiddleston & Son 35
Driller's or Firm's Name Number

Mountain Home, Idaho
Address

Ron Hiddleston 7/5/73
Signed By Date

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

Irrigation Well No. 9

RECEIVED

OCT 06 2015

WATER RESOURCES
WESTERN REGION

Form 238-7
6/07

63

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0069072
Drilling Permit No. ~~875063~~ 96900G-875 0163
Water right or injection well # _____

2. OWNER: Ray Montierth
Name _____
Address 825 Hartland Drive
City Nampa State Idaho Zip 83686

3.WELL LOCATION:
Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐
Sec. 18 ____ 10 acres 1/4 SW 40 acres 1/4 SW 160 acres 1/4
Gov't Lot _____ County Ada
Lat. 32 ° 24.933 (Deg. and Decimal minutes)
Long. 116 ° 16.152 (Deg. and Decimal minutes)
Address of Well Site End of south Cole
(Give at least name of road + Distance to Road or Landmark) City Kuna
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
Bentonite	0	8	1400lbs	hand pour
Cement	150	305	10yrds	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/ Schedule	Material	Casing	Liner	Threaded	Welded
24"	+1	8	.375	steel	☒	☐	☐	☐
20"	+1	247	.375	steel	☒	☐	☐	☒
16"	+1	360	.250	steel	☒	☐	☐	☒
					☐	☐	☐	☐

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

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method _____
Manufactured screen ☒ Y ☐ N Type _____
Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
360	560	40	200ft	16"	ss screen	.375

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☒ N Type _____

10.FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
silica sand	290	560	17500 ibs	hand pour

11. FLOWING ARTESIAN:
Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____
Describe control device plate

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 283 Static water level (ft) 279
Water temp. (°F) 78 Bottom hole temp. (°F) 78
Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
42	4100	12 hrs

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
32	0	8	top soil		X
24	8	94	Black basalt		X
24	94	126	brown clay		X
24	126	137	fractured badalt		X
24	137	202	basalt		X
24	202	219	red cinders		X
24	219	264	basalt		X
24	264	271	brown clay		X
24	271	283	cinders		X
24	283	305	sand and gravel		X
19	305	311	sand and gravel	X	
19	311	318	basalt		
19	318	332	medium sand and pea gravel		
19	332	347	fine medium sand		
19	347	352	tan clay with gravel		
19	352	363	medium grain sand		
19	363	380	gravel		
19	380	392	course sand		
19	392	393	tan clay		
19	393	407	coarse sand		
19	407	410	coarse sand and tan clay strips		
19	410	416	coarse sand		
19	416	430	tan clay strips and coarse sand		
19	430	435	boulders and coarse sand		
19	435	467	cemented gravel and granite boulder		
19	467	491	medium sand and pea gravel		
19	491	498	fine loose sand		
19	498	509	sticky tan clay		
19	509	521	fine sand		
19	521	534	coarse sand and gravel		
19	534	538	tan clay		
19	538	560	sand and gravel		

Completed Depth (Measurable): 560
Date Started: 8-15-15 Date Completed: 9-5-2015

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 Treasure Valley Drilling Co. No. 560
*Principal Driller _____ Date 10-6-15
*Driller John Post Date 10-6-15
*Operator II _____ Date _____
Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

Irrigation Well No. 10

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Adm days after the completion or abandonment of the well.

Location Corrected by IDWR To:
T01N R02E Sec. 7 NWSW
By: bserrano 2016-10-07

Department of Water Administration

1. WELL OWNER

Name Missouri Beef Packers
Address Amarillo, Texas
Owner's Permit No. 637531

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☒ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☒ Cable ☐ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 16 inches Total depth 448 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness		Diameter		From		To	
.375	inches	16	inches	+ 2	feet	362	feet
.330	inches	10	inches	332	feet	360	feet
.330	inches	10	inches	370	feet	380	feet
.330	inches	10	inches	390	feet	407	feet
.330	inches	10	inches	438	feet	448	feet

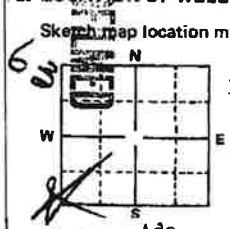
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation ____ inches by ____ inches

Number		From		To	
____	perforations	____	feet	____	feet
____	perforations	____	feet	____	feet
____	perforations	____	feet	____	feet

Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson 10" pipe size
Type stainless steel Model No. 405
Diameter 10 Slot size 60 Set from 360 feet to 370 feet
Diameter 10 Slot size 60 Set from 380 feet to 390 feet
10 60 407 438
Gravel packed? ☒ Yes ☐ No Size of gravel round 3/8 minus
Placed from 332 feet to 448 feet
Surface seal depth 18 seal 20" pipe Material used in seal ☒ Cement grout
☐ Puddling clay ☐ Well cuttings
Seal placed procedure used ☐ Slurry pit ☐ Temporary surface casing
☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.



well # 2
100yds. west of well # 1
Subdivision Name
Lot No. ____ Block No. ____
County Ada
¼ SW ¼ Sec. 7 T. 1 N/S R. 2 E/W

7. WATER LEVEL

Static water level 260 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow ____
Temperature ____ ° F. Quality ____
Artesian closed-in pressure ____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

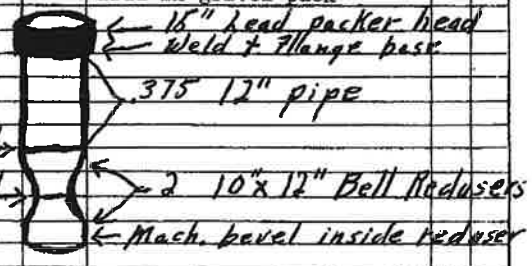
☒ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
1200	14'	24

16768

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
20	0	3	top soil		X
20	3	15	white hardpan		X
20	15	225	basalt rock		X
16	225	232	brown clay & sand		X
	232	255	sand & gravel		X
	255	285	sand, clay & gravel		X
	285	308	coarse gravel & sand	X	
	308	328	cemented sand, very little gravel		X
	328	340	sticky brown clay		X
	340	364	sandy clay		X
	364	370	gravel & sand	X	
	370	380	sandy clay		X
	380	390	gravel & sand	X	
	390	392	sticky brown clay		X
	392	405	loose fine sand	X	
	405	440	gravel & sand	X	
	440	445	sandy clay		X
	445	455	sticky brown clay		X
			24 yds. round pea gravel used in gravel pack		



10. Work started Dec. 1973 finished Feb. 1974

11. DRILLERS CERTIFICATION

USGS

Firm Name W.E. Stevens & Sons Firm No. 153
Address 3709 Hawthorne Dr. Boise Date 3/20/74
Signed by (Firm Official) Wayne E Stevens
and
(Operator) Wayne E Stevens

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

Irrigation Well No. 11

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

1. WELL OWNER

Name Missouri Beef Packers

Address 630 Amarillo Bldg. Amarillo, Texas 79101

Owner's Permit No. 63-7531

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☒ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 16 inches Total depth 340 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.390 inches	16 inches	3 feet	0 feet
.390 inches	16 inches	0 feet	290 feet
.375 inches	12 inches	285 feet	290 feet
.375 inches	12 inches	330 feet	340 feet
____ inches	____ inches	____ feet	____ feet

Was a packer or seal used? ☒ Yes ☐ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation ____ inches by ____ inches

Number	From	To
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet
____ perforations	____ feet	____ feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name Johnson

Type stainless steel Model No. 304

Diameter 12 Slot size 60 Set from 290 feet to 330 feet

Diameter ___ Slot size ___ Set from ____ feet to ____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel ____

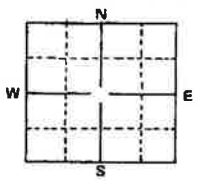
Placed from ____ feet to ____ feet

Surface seal? ☒ Yes ☐ No To what depth 23 feet

Material used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Ada

¼ SW ¼ Sec. 7, T. 1 N, R. 2 E

7. WATER LEVEL

Static water level 259 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow ____

Temperature ____ ° F. Quality ____

Artesian closed-in pressure ____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
2600	~~11 ft.~~	4

108035

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
20	0	1	top soil		X
20	1	13	white hardpan		X
20	13	222	basalt rock		X
16	222	228	brown clay & sand		X
16	228	250	gravel & sand		X
16	250	275	clay, sand & some gravel	X	
16	275	330	coarse gravel & sand	X	
16	330	338	clay, rust & fine blow sand	X	
16	338	340	sticky brown clay		X
			Seal on headpipe consists of drive shoe 14" OD with 2 neoprene seals 15½" OD		

10.

Work started May 1, 1972 finished June 18, 1972

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

W. E. Stevens & Sons Well Drilling 153
Driller's or Firm's Name Number

3709 Hawthorne Drive Boise, Idaho 83703
Address

Signed by [signature] July 12, 1972
Date

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

Irrigation Well No. 12

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of W
within 30 days after the completion or abandonment of the we

Location Corrected by IDWR To:
T01N R02E Sec. 7 NWSW
By: bserrano 2016-10-07

1. WELL OWNER

Name IOWA BEEF PROCESSORS

Address S. COLE ROAD, BOISE, IDAHO

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness		Diameter		From	To
.250	inches	20	inches +	2 feet	13 feet
.250	inches	16	inches	2.5 feet	382 feet
	inches		inches	feet	feet
	inches		inches	feet	feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number		From	To
	perforations	feet	feet
	perforations	feet	feet
	perforations	feet	feet

Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson
Type 304 stainless Model No. _____
Diameter 9½ Slot size .40 .45 Set from 390 feet to 470 feet
Diameter ____ Slot size ____ Set from ____ feet to ____ feet
Gravel packed? ☒ Yes ☐ No ☐ Size of gravel 5/8 minus
Placed from 376' feet to 498 feet
Surface seal depth 13' Material used in seal: ☒ Cement grout
☒ Bentonite ☒ Puddling clay ☐ _____
Sealing procedure used: ☒ Slurry pit ☒ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld
☐ Cemented between strata
Describe access port _____
Waiver granted on 1-2-87 on seal by: John E. Beal

6. LOCATION OF WELL

Sketch map location must agree with written location

N / W / E / S

Subdivision _____
Lot No. _____ Block No. _____
County Ada
NE ¼ SW ¼ Sec. 7 T 1 N/S R. 2 E/W

MICROFILMED
MAR 09 1988

7. WATER LEVEL

Department of Water Resources
Western Regional Office

Static water level 270 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 72 °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
1157	340	8

9. LITHOLOGIC LOG

Bore Diam.	Depth From	Depth To	Material	Water Yes	Water No
24"	+2	3	top soil		x
24"	3	6	hard pan		x
24"	6	8	broken rock 8'-13'-broken rc.		x
20"	13	220	rock with some cinder layers		x
20"	220	257	cinders		x
20"	257	260	fine gravel		x
16"	240	280	sandy gravel		x
16"	280	310	sandy gravel		x
16"	310	350	sand		x
16"	350	375	sand with some clay	x	
16"	375	400	sandy gravel	x	
16"	400	460	sandy gravel	x	
16"	460	500	large gravel w/sand layers	x	
			SCREENS 9½ DIA.		
	368	390	10" blank pipe		
	390	405	.45 slot screen		
	405	410	.40 slaot screen		
	410	415	10" blank		
	415	440	.40 slot screen		
	440	445	.35 slot screen		
	445	460	10" blank		
	460	470	.40 slot screen		
	470	498	10" blank		

002318

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APR 28 1987
Department of Water Resources

10.

Work started 1/12/87 finished 4/17/87

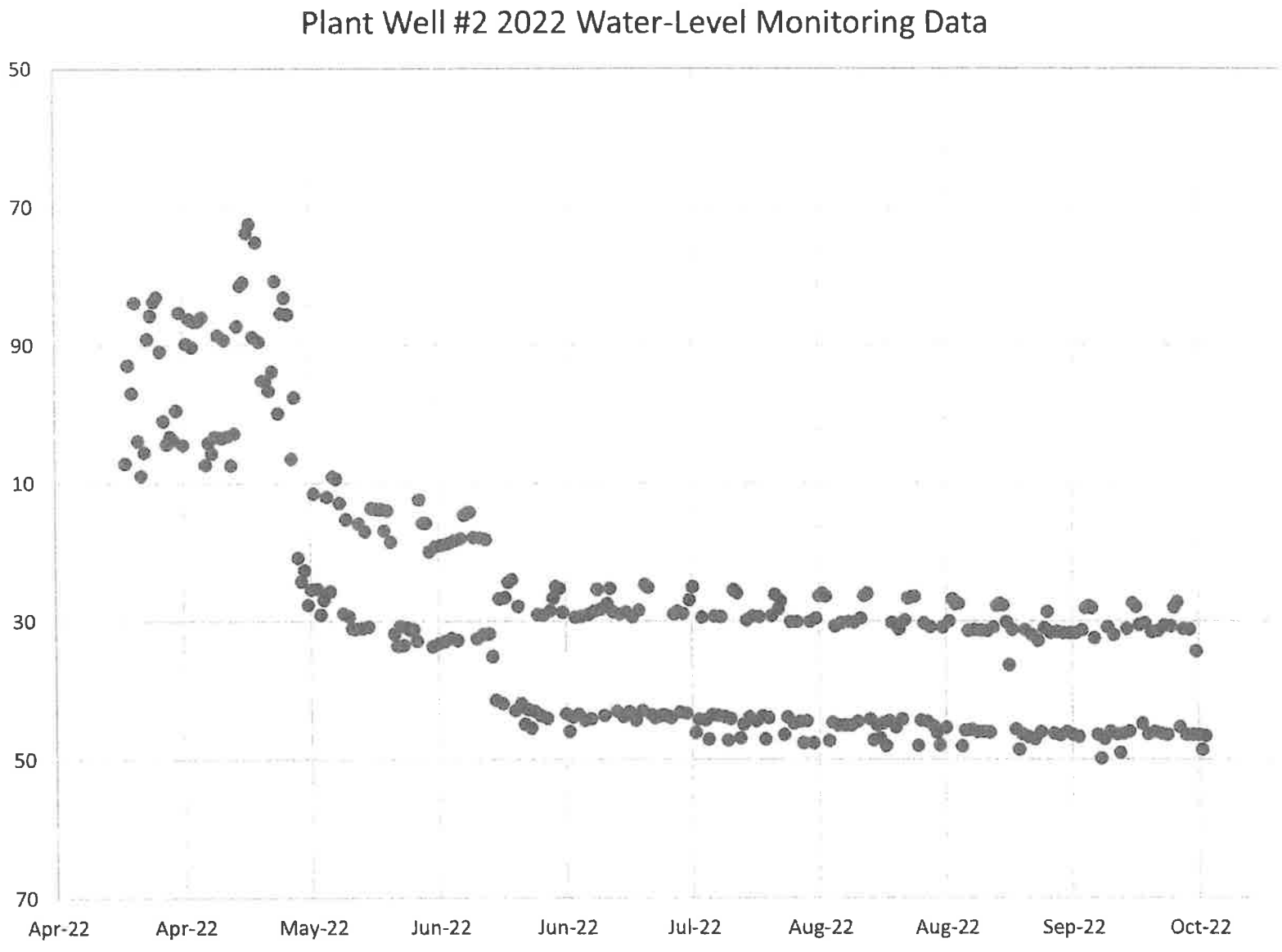
11. DRILLERS CERTIFICATION

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

BILL DOTY DRILLING CO., INC Firm No. 42
Firm Name _____
Address Rt.#7 BX 311 Cald. Id. Date 4/21/87
Signed by (Firm Official) William E. Doty
and
(Operator) Bob Doty

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

Appendix C
Water Level Data


Plant Well #2 2022 Water-Level Monitoring Data
50
70
90
10
30
50
70
Apr-22
Apr-22
May-22
Jun-22
Jun-22
Jul-22
Aug-22
Aug-22
Sep-22
Oct-22

Hersley, Jean

From: Kelly, Patrick <Patrick.Kelly@hdrinc.com>
Sent: Thursday, April 27, 2023 3:29 PM
To: IDWR File
Subject: CS Beef 2022 WL Monitoring Report
Attachments: 2022-Monitoring-Report_IDWR.pdf

Patrick Kelly
Project Hydrologist

HDR Engineering, Inc.
412 E. Parkcenter Blvd.. Suite 100
Boise, ID 83706
D 208.387.7000 **M** 208.954.4805
patrick.kelly@hdrinc.com