State of Idaho
Department of Water Resources

Water Right License

Water Right No. 63-34511

Priority: February 02, 2018 **Maximum Diversion Rate:** 0.56 CFS

It is hereby certified that:

SHOOTING COMET HOMEOWNERS ASSN INC
PO BOX 810
STAR ID 83669

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 02, 2018, and has submitted Proof of Beneficial Use on September 19, 2019. An examination confirms water is diverted from:

Source : GROUND WATER

Beneficial Use	Period of Use	Rate of Diversion
IRRIGATION	03/01 to 11/15	0.56 CFS

Location of Point(s) of Diversion
GROUND WATER SE¼ SW¼, Sec. 8, Twp 04N, Rge 01W, B.M. ADA County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	01W	8									10		4.0	14					28.0

Total Acres: 28.0

Conditions of Approval

1. 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 126.0 af at the field headgate for the place of use.
2. This right when combined with all other rights shall provide no more than 4.5 afa per acre at the field headgate for irrigation of the place of use.
3. The right holder shall make full beneficial use of all surface water available to the right holder for irrigation of lands within the authorized place of use for this right. The right holder may divert ground water under this right to irrigate land with appurtenant surface water rights when the surface water supply is not reasonably sufficient to irrigate the place of use for this water right or is not available due to drought, curtailment by priority, or the seasonal startup and shutoff or maintenance schedule for canal company 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 Section 42-222, Idaho Code, or other Department approval.

SCANNED
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State of Idaho
Department of Water Resources

Water Right License

Water Right No. 63-34511

4. After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to use power records to determine the amount of water diverted and shall annually report the information to the Department.
5. This right does not grant any right-of-way or easement across the land of another.
6. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

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

Signed this 25th day of January, 2023.

CODY PARKER
Water Rights Supervisor

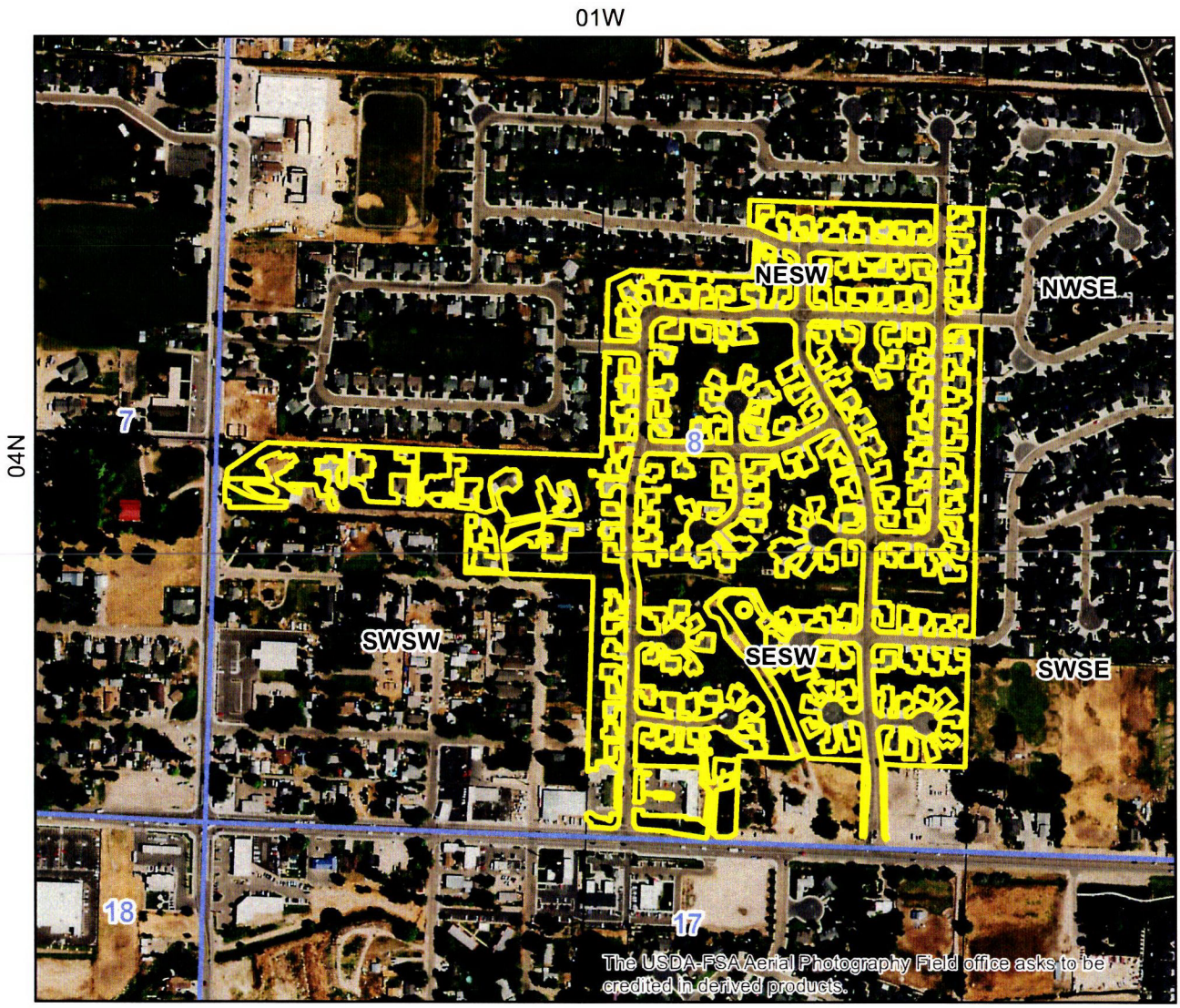
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JAN 31 2023

State of Idaho
Department of Water Resources

Attachment to Water Right License

63-34511

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



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

0 0.075 0.15 0.3 Miles

N

IDAHO DEPARTMENT OF
WATER RESOURCES

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

Governor Brad Little **Director Gary Spackman**

January 30, 2023

SHOOTING COMET HOMEOWNERS ASSN INC
PO BOX 810
STAR ID 83669

RE: License No. 63-34511

ISSUANCE OF LICENSE

Dear Water Right Holder:

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

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

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

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

Sincerely,

for Cody Parker
Water Rights Supervisor

Enclosures

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JAN 31 2023

CERTIFICATE OF SERVICE

I hereby certify that on January 30, 2023, I served a true and correct copy of Water Right License No. 63-34511 by U.S. Mail, postage prepaid, to the following:

SHOOTING COMET HOMEOWNERS ASSN INC (Current Owner)
PO BOX 810
STAR ID 83669

SPF WATER ENGINEERING LLC (Representative)
C/O SCOTT N KING – *via email*
300 E MALLARD DR STE 350
BOISE ID 83706
Scott.king@hdrinc.com

Debbi Judd
Technical Records Specialist

SCANNED
JAN 31 2023

MEMORANDUM

TO: Water Right File 63-34511

FROM: Daniel Nelson – Analyst 3

DATE: December 9, 2021

SUBJECT: Licensing Review of Water Right 63-34511

The field exam for this right was performed by Patrick Kelly and reviewed by Certified Water Right Examiner Terry Scanlan of SPF Water Engineering. Mr. Kelly recommended 0.56 cubic feet per second (cfs) and 126 acre-feet (af) for the irrigation of 28 acres.

Overlap:

Mr. Kelly states that the only overlapping water right for this permit is 63-183 from Pioneer Ditch Company. The permit has supplemental conditions, based on acknowledgement of the Pioneer Ditch Company overlapping water rights in the application for permit. The Pioneer Ditch Company overlapping water rights shouldn't be an issue if the condition is carried forward to licensing.

However, an overlap review also shows that these lands are within the municipal service area of Star Sewer and Water District. These municipal water rights could be a factor, since a municipal water right does allow irrigation of yards, parks, and common areas. I have contacted Mr. Kelly and Mr. Scanlan to determine if the municipal water rights for Star Sewer and Water District serve this subdivision. If this is the case, then that may account for the additional acres being irrigated. Mr. Kelley confirm in his January 17, 2022, email that the culinary water use is supplied by Star Sewer and Water District. Mr. Kelley also stated that Star Sewer and Water District's water rights only allow supplemental irrigation use, and not to be used on grounds that are not covered by a surface water source. Mr. Kelley also stated that the irrigation and culinary system are not interconnected.

There are numerous domestic water rights within the SWSW and SESW of Section 8, but the most of those rights were decreed prior to the completion of the development of this subdivision. Therefore, there shouldn't be any significant issues with overlap from private water rights. There doesn't seem to be any private water rights for domestic purposes within the subdivision's boundary.

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JAN 21 2022

Point of Diversion:

I found no issues with the location of the point of diversion. This point of diversion was originally authorized by water right 63-12370. According to water right transfers 82549 and 83112, this well was supposedly abandoned by the former owner, Star Sewer and Water District. According to Mr. Kelly's field report, the well was sold and not properly decommissioned. This well was always listed as a backup well, so it was rarely used by Star Sewer and Water District. This permit and these transfers happened approximately during the same time period, so I feel the negotiations for the sell of the well was in the works at the time of water right transfers. The well driller's report supplied in the field report appears to be the correct report according to water right 63-12370. In Mr. Kelley's January 17, 2022, email, he confirms that this well was previously owned by Star Sewer and Water District.

Place of Use:

Mr. Kelly recommended 28 acres within a 69-acre Permissible Place of Use (PPU). The place of use described by Mr. Kelly included roads, houses, driveways, and business parking lots. We can authorize a permit with a PPU for a subdivision or park irrigation type of use because the acres being irrigated can' be known during the development period. During the licensing process, a field examiner needs to provide proof of that all the acres within the PPU have been irrigated during the development period to allow the PPU to be carried forward to licensing. We also like to see that future irrigation practices will maintain the PPU designation.

In the case of this permit, the lands covered by roads, houses, driveways, and business parking lots probably haven't been irrigated during the development by this system, and probably will not be irrigated in the future. Therefore, a PPU designation should not be carried forward to license.

Since the map submitted with the field report used the subdivision borders, I needed to create a map and found approximately 35.7 acres of irrigation within the borders of the subdivision. Due to the minute details of this shape files required to determine the irrigated area, it is very difficult to be confident that the map I created covers actual acres irrigated. I would estimate that the map is within +/- 10% of what is irrigated within the borders of the subdivision. I have sent a copy of my shape files and maps to Mr. Kelly and Mr. Scanlan for their review for accuracy of the map.

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JAN 31 2023

Mr. Kelley stated in his January 17, 2022, email that he recommended a permissible place of use because the permit was issued with a permissible place of use. He also stated that a PPU should be reserved for places of use that have the potential to shift or alternate fallow land. He did wish that the water right process was consistent throughout the process. Mr. Kelley also stated that he would review the information I supplied with his client. On January 18, 2022, I asked Mr. Kelley if he wished to use the shape file I created. Mr. Kelley replied on January 18, 2022, stating that he felt I should use the shape file that I created.

I will be limited to the 28 acres authorized by the permit. The place of use in our mapping system will show the 36 acres I found, but it is impossible to determine exactly which 28 acres are going to be irrigated by this right. As stated in Mr. Kelley's email, it is extremely difficult to create an exact map of existing irrigation. By reducing the acres in the three 40-acre tracts proportionately, the adjusted acres per 40-acre tract would be 10 acres in the NESW, 4 acres in the SWSW, and 14 acres in the SESW. This seems to be the most reasonable way to distribute the acres throughout the place of use.

Diversion Rate and Volume:

Mr. Kelley measured 0.34 cfs at 50 pressure or pounds per square inch (psi) and 0.84 cfs at 40 psi. It should be noted that this well has a variable speed pumping system, so theoretical calculation is generally not very helpful. The permit was limited to 0.56 cfs for 28 acres, and Mr. Kelly recommended a diversion rate of 0.56 cfs in the field report.

In the January 17, 2022, email, Mr. Kelley stated that the 0.84 cfs measurement represented the maximum capacity of the system. The measurement of 0.34 cfs was more representative of the normal operating flow rate. Due to the capacity of the system, and the probability that this pump has operated at this diversion rate during the irrigation season, we should consider 0.84 cfs as the probably maximum flow rate from this system.

At the time of the field exam for water right 63-12370, the well had a 30 Hp pump, and diverted approximately 90 gpm according to a pump curve. Using a theoretical analysis to determine the pumping water level, I found a pumping level of approximately 127 feet. I added the pumping water level to the psi and compared that information to the pump curve found in 63-12370. I found that using the pump curve with the estimated pumping level and pressure measurement matched the flow measurement exactly, so I feel the measurement was very accurate.

I agree with the recommendation of Mr. Kelley to limit the permitted amount to the 0.54 cfs authorized by the permit. Mr. Kelly accurately recommended a volume of 126 af for the 28 acres of irrigation. This is a supplemental water right, so the volume will not be shown on the face of the water right. The volume will be shown in a condition that provides that a volume limitation when combined with other rights.

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Conditions:

Conditions R61, WB7, 943, and 01M should be carried forward to licensing. Condition 121 should be changed to condition 103 as is standard. Condition 004 should be added at licensing since it wasn't included in licensing. Condition X27 **should not** be included on the license, since no PPU was developed.

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JAN 31 2023

Nelson, Dan

From: Patrick Kelly <PKelly@spfwater.com>
Sent: Tuesday, January 18, 2022 1:05 PM
To: Nelson, Dan; Terry Scanlan
Subject: RE: Field Report for Permit 63-34511

I think we should go with what you have created. Would be a shame not to put all that work to use! Thanks Dan.

From: Nelson, Dan <Dan.Nelson@idwr.idaho.gov>
Sent: Tuesday, January 18, 2022 8:30 AM
To: Patrick Kelly <PKelly@spfwater.com>; Terry Scanlan <TScanlan@spfwater.com>
Subject: RE: Field Report for Permit 63-34511

Hi Patrick,

Thank you for replying to my email. The only thing I am not sure of at this point is if you agree to use the shape file I created, or if you would like to replace it with a similar shape file that is limited to the actual acres irrigated?

Daniel Nelson
Water Right Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

From: Patrick Kelly <PKelly@spfwater.com>
Sent: Monday, January 17, 2022 3:33 PM
To: Nelson, Dan <Dan.Nelson@idwr.idaho.gov>; Terry Scanlan <TScanlan@spfwater.com>
Subject: RE: Field Report for Permit 63-34511

Hello Dan,

After reviewing the information you presented on December 8th, I have the following response:

1.) You claim a permissible place of use (PPU). As you know, a permissible place of use allows water users to move water within a specific place of use. A PPU is often used in permitting for parks and domestic irrigation uses when the actual acres to be irrigated are not easily defined at the time of permitting. In order to authorize a PPU, the permit holder needs to show that all of the land had been irrigated during the development period and during a period of time after the development period. Therefore, we can only have an exact place of use. Another water right where we denied the PPU was water right 63-34034. The field report for 63-34034 was filed by Peter Cooper from your office in 2015. I have created a map showing the place of use we can authorize. I have attached a map and the shape files to this email for your review. I had stuck with the PPU

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since that was how the permit was issued. As you have described, it is difficult to nail down the place of use for many subdivisions, particularly during the planning/development phase. I do not think that any period of time after the development phase should be considered, but do agree that PPU's should be reserved for places of use that have the potential to shift or alternate fallow land. It would be less confusing if the method was consistent throughout the water right process.

2.) As discusses in section 1, I did create a map to determine the actual place of use for this permit. You will notice in the attached map and shape files, that I found approximately 35.7 acres of irrigation. I will admit that due to the number of properties and very fine work required to attain this map, there is significant room for error. However, you may want to discuss with your client that they are limited to the irrigation of 28 acres per the limitations imposed by the permit. It may be prudent for you to work with your client to file another permit to cover the additional acres that could be irrigated. I appreciate your effort to outline the irrigation use within the subdivision. This is a painfully slow process, particularly with lower resolution imagery. Using higher resolution imagery from Google Earth in the early spring time I was able to remove some margin of error. We will review this information with the client.

3.) The third issue is the measurements made on the water system for this permit. A diversion rate of 0.84 cfs is approximately 1½ times the 0.56 cfs we can authorize under this permit. A good solution as stated in section 2 above is to file a second permit to authorize a higher diversion rate based on administrative processing memorandum # 60 and/or administrative processing memorandum #17. The 0.34 cfs diversion rate measured during the first field visit represents more normal system operations. The second measurement of 0.84 cfs should be considered only to demonstrate maximum capacity of the system. The HOA does not normally divert water for common lots during periods of common individual residential use.

I forgot to ask you during yesterday's email if the in-house use is served by Star Sewer and Water District? It appears as though Star Sewer and Water District is a municipal water right that would authorize irrigation of the home or domestic parcels, so it would be considered a significant overlap. It may also explain why they have actually more acres than the permit authorized. Please confirm who supplies the domestic use for this subdivision. I spoke with Gail Glasgow of the HOA. He confirmed that Star Sewer & Water District does provide water for in-home use. The three municipal water rights and RAFN permit only recognizes irrigation as a supplemental use, not to be used on grounds that are not covered by a surface water source. The well that Shooting Star uses used to be a Star Sewer well before being sold to the HOA. Water is diverted from the well into a headbox that historically has been used to deliver Pioneer Ditch water. Irrigation use for residential lots *could* be provided under the municipal rights but the irrigation and in-home systems have not been integrated to date. A specific acre limit is not identified by the municipal rights, making overlap impossible to assess. Because the systems are separate, I do not believe the municipal rights should be considered.

Please let me know if you require any additional information and thank you for your patience to respond.

Sincerely,

Patrick

From: Nelson, Dan <Dan.Nelson@idwr.idaho.gov>
Sent: Thursday, December 9, 2021 8:23 AM
To: Terry Scanlan <TScanlan@spfwater.com>; Patrick Kelly <PKelly@spfwater.com>
Subject: RE: Field Report for Permit 63-34511

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JAN 11 2023

Patrick and Terry,

I forgot to ask you during yesterday's email if the in-house use is served by Star Sewer and Water District? It appears as though Star Sewer and Water District is a municipal water right that would authorize irrigation of the home or domestic parcels, so it would be considered a significant overlap. It may also explain why they have actually more acres than the permit authorized. Please confirm who supplies the domestic use for this subdivision.

Dan Nelson

From: Nelson, Dan
Sent: Wednesday, December 08, 2021 8:59 AM
To: Terry Scanlan <TScanlan@spfwater.com>; Patrick Kelly <PKelly@spfwater.com>
Subject: Field Report for Permit 63-34511

Terry and Patrick,

I have completed reviewing your field report for water right permit 63-34511. I had a couple of concerns, but none of these should prevent this permit from being licensed. I will go through each issue below:

1.) You claim a permissible place of use (PPU). As you know, a permissible place of use allows water users to move water within a specific place of use. A PPU is often used in permitting for parks and domestic irrigation uses when the actual acres to be irrigated are not easily defined at the time of permitting. In order to authorize a PPU, the permit holder needs to show that all of the land had been irrigated during the development period and during a period of time after the development period. Therefore, we can only have an exact place of use. Another water right where we denied the PPU was water right 63-34034. The field report for 63-34034 was filed by Peter Cooper from your office in 2015. I have created a map showing the place of use we can authorize. I have attached a map and the shape files to this email for your review.

2.) As discusses in section 1, I did create a map to determine the actual place of use for this permit. You will notice in the attached map and shape files, that I found approximately 35.7 acres of irrigation. I will admit that due to the number of properties and very fine work required to attain this map, there is significant room for error. However, you may want to discuss with your client that they are limited to the irrigation of 28 acres per the limitations imposed by the permit. It may be prudent for you to work with your client to file another permit to cover the additional acres that could be irrigated.

3.) The third issue is the measurements made on the water system for this permit. A diversion rate of 0.84 cfs is approximately 1½ times the 0.56 cfs we can authorize under this permit. A good solution as stated in section 2 above is to file a second permit to authorize a higher diversion rate based on administrative processing memorandum # 60 and/or administrative processing memorandum #17.

There really isn't anything that would prevent the permit from being licensed. I would like you to let me know if you agree with the maps I have supplied, or if you wish supply a updated map of your making. The main thing that I see with this permit that it would be prudent to cover the additional acres and diversion rate. I think it would be beneficial to your client if regulation of ground water comes to this area.

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JAN 3 1 2023

Thank you for time and effort.

Respectfully,

Daniel Nelson
Water Right Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

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JAN 31 2023

Permit 63-34511 – Place of Use shape files.





Form 219 07/11

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

RECEIVED
OCT 28 2021
DEPARTMENT OF WATER RESOURCES

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATION

Permit No. 63-34511

1. Owner Shooting Comet HOA Phone No. 208-286-9666
   Current address PO BOX 810
2. Examiner's name Patrick Kelly and Terry Scanlan EXAM DATE 10/06/2021
3. Accompanied by Gail Glasgow Email gglasgow@mrcomputer.net
   Address 394 Procyon Place Star, ID 83669
   Relationship to permit holder HOA member Phone No. 208-991-2476
4. Source Ground Water tributary to

B. OVERLAP REVIEW

1. Other water rights with the same place of use 63-183 (Pioneer Ditch Co Boise River water)
2. Other water rights with the same source and point of diversion None

C. DIVERSION AND DELIVERY SYSTEM

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

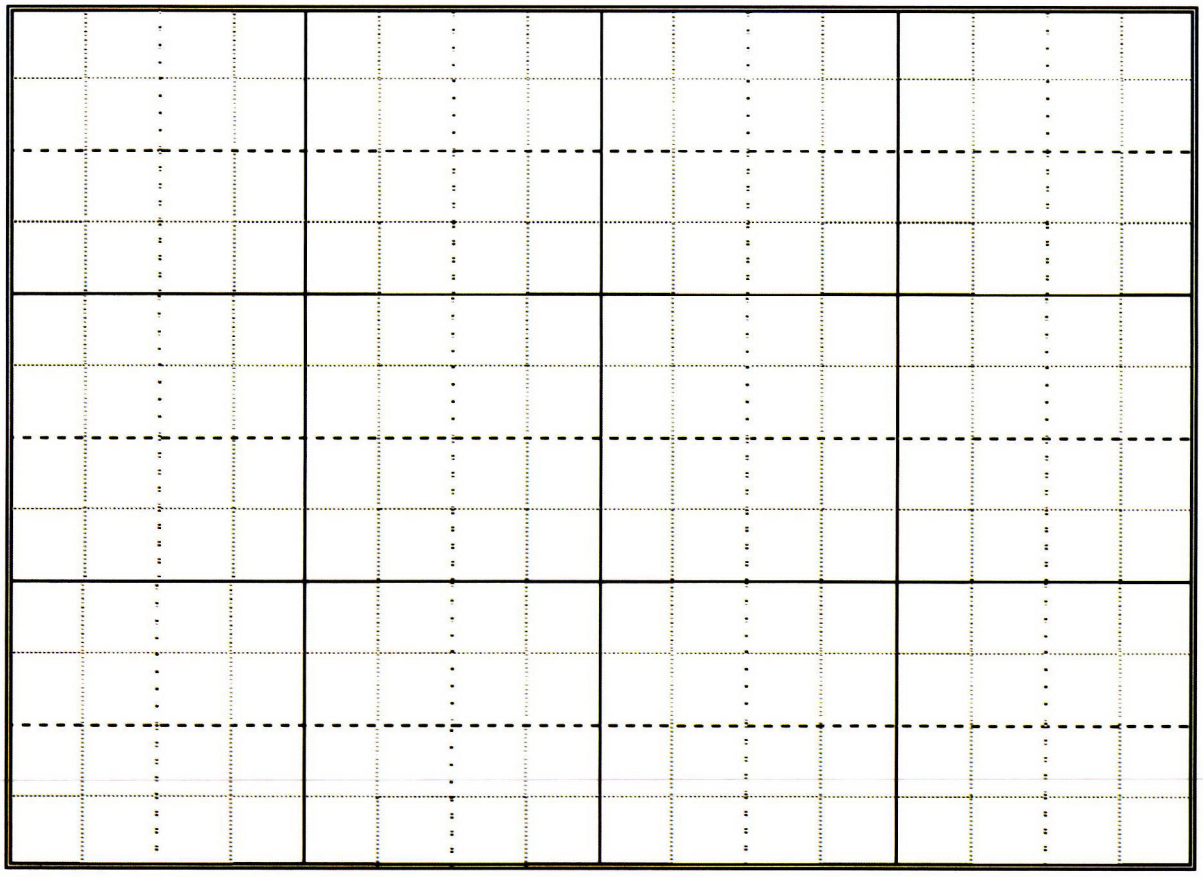
Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			SE	SW	08	04N	01W	Ada	Well GPS: -116 29.18, 43 41.65

2. **Place(s) of Use:** Method of determination Digital PLSS mapping tools and Ada County tax lot data

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	01W	08									25		9	35					69

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3. **Delivery System Diagram**: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.



Scale: 1" = _____

☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (**required**)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0000149	Unknown				

Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
GE Panametrics	UltraSonic	GE	PT878	07140	#403 Hz	4/5/2021

2. **Measurements:** _____

Measurement collected in well vault found immediately outside well house.

JAN 3 1 2023

E. NARRATIVE/REMARKS/COMMENTS

The narrative for this report is included in Attachment A.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

Diversion of ground water is limited to times when Pioneer Ditch water is not deliverable, usually during the shoulder season. Lockable control and measuring devices are not required. Irrigation is limited to 28 acres.

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JAN 31 2023

F. FLOW CALCULATIONS

☐ Additional computation sheets attached

Measured Method:

GE Panametrics: Fwd Gallons over 10 minute test:
10/5/2021 test = 1521 gallons = 0.34 cfs
10/6/2021 test = 3770 gallons = 0.84 cfs

Permitted rate and standard rate per acre = 0.02 cfs/ac * 28 ac = 0.56 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R}$ = (Acres Irrigated) x (Irrigation Requirement) = 28.0 ac * 4.5 af/ac = 126 af

$V_{D.R}$ = [Diversion Rate (cfs)] x (Days in Irrigation Season) x 1.9835 = 0.56 cfs * 260 days * 1.9835 = 289 af

V = Smaller of $V_{I.R.}$ and $V_{D.R.}$ = 126 af

2. Volume Calculations for Other Uses:
No other uses permitted.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From	Period of Use To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
Irrigation	3/1	11/15	0.56 cfs	126 af
		Totals:	0.56 cfs	126 af

2. Recommended Amendments

☐ Change P.D. as reflected on page 1 ☐ Add P.D. as reflected on page 1 ☒ None
☐ Change P.U. as reflected on page 1 ☐ Add P.U. as reflected on page 1 ☐ Other

I. AUTHENTICATION

Field Examiner's Signature Terry M. Scanlan Date October 22, 2021

Reviewer _____ Date _____

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

SCANNED JAN 31 2023

ATTACHMENT A – NARRATIVE

SCANNED
JAN 3 1 2023

Field Exam Narrative

Proof of beneficial use for permit 63-34511 (permit) was filed September 19, 2019. Coordination with IDWR confirmed that a field exam had not yet been scheduled with department staff. The field exam for the permit was conducted on October 5 & 6, 2021 by Patrick Kelly and reviewed by Terry Scanlan, P.E., P.G. (CWRE 129) of SPF Water Engineering. Mr. Kelly was accompanied by the HOA member Gail Glasgow. Shooting Comet HOA is an active company with Idaho Secretary of State office and is the active association for Shooting Comet subdivision in Star, Idaho. Changes to ownership are not recommended.

A submersible pump and motor is installed in a well located at -116 29.18, 43 41.65. The HOA purchased the well and well lot from Star Sewer & Water District in 2016. A well log was found listing Lot 12 Block 2 on Deneb Ct. Neither of these descriptions match the well location, and there is no well tag welded to the casing. However, it is the only well log drilled for Star Sewer within the correct legal description. The well log is included in Attachment C. Amendments to the POD are not necessary.

Water from the well is delivered to a box where Pioneer Ditch water is delivered. The irrigation system is built with buried pipe and sprinklers to home owners and common areas. A spreadsheet was submitted with the application for permit and is included in Attachment D. Ownership of the parcels may have changed since 2017, but irrigation practices have not. The spreadsheet recommends 0% irrigation for lots that are not irrigated, 50% for residential property and 100% for common areas that are irrigated. Total irrigated area using this method is 28.2 acres. The permissible place of use described by the permit outlines the subdivision boundary. Amendments to the POU are not recommended.

The subdivision does have shares with Pioneer Ditch Company. Water from the well is only pumped during the shoulder season, when Pioneer Ditch water is not being delivered. No other water rights used for irrigation overlap the property.

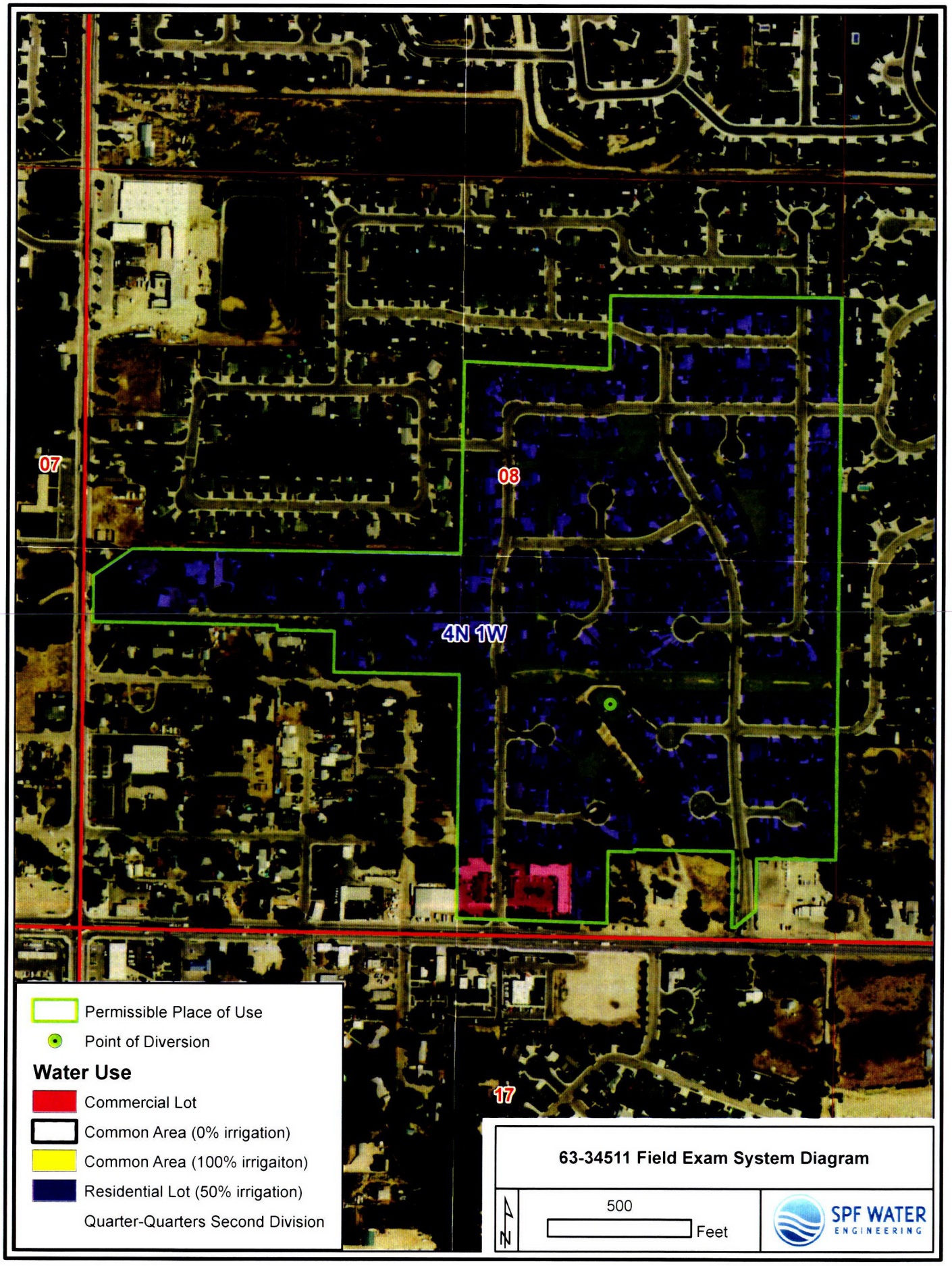
On October 5, 2021 SPF made the first field visit to the well at approximately 10 am. Water was being diverted at the time of the exam to common lots. Pressure gauges on the system showed 50 psi. There is a vault near the well house the provides access to the buried pipe. A GE Panametrics device was used to measure flow from the well. At the time of the first exam, an average diversion rate of 0.34 cfs was accomplished. HOA member Gail Glasgow suggested that the well diverts more water earlier in the day when private homeowners are irrigating their lawns. I completed the exam by observing the common lot irrigation use.

On October 6, 2021 SPF made the second field visit to the well at approximately 7 am. Water was being diverted at the time of the exam to private homes as well as common lots. Pressure gauges on the system showed a lower pressure of 40 psi. Mr. Glasgow stated that he can get a good idea about how much water is being diverted by pressure in the system. At the time of the second exam, an average diversion rate of 0.84 cfs was accomplished. Mr. Glasgow stated that this was a high flow for the system, and that the well diverts less water when the common areas are not being irrigated at the same times as private homeowners irrigate (5-9 am).

SCANNED
JAN 3 1 2022

ATTACHMENT B – SYSTEM DIAGRAM

FINAL Copy
JAN 3 1 2020


07
08
4N 1W
17
Permissible Place of Use
Point of Diversion
Water Use
Commercial Lot
Common Area (0% irrigation)
Common Area (100% irrigaiton)
Residential Lot (50% irrigation)
Quarter-Quarters Second Division
63-34511 Field Exam System Diagram
N
500
Feet
SPF WATER
ENGINEERING

ATTACHMENT C – WELL DRILLERS REPORT

SCANNED
JAN 3 1 2023

Form 238-7
3/95

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

061983

Office Use Only
Inspected by _____
Twp____ Rge____ Sec____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

Tag: D0000149

1. DRILLING PERMIT NO. 63-97-C-0030-000
Other IDWR No. 63-12370

2. OWNER:
Name Star Sewer & Water Dist. c/o Jack Kirtley
Address P.O. Box 277
City Star State Id. Zip ~~83669~~

3. LOCATION OF WELL by legal description: 836609
Sketch map location must agree with written location.

Twp. 4 North X or South ☐
Rge. 1 East ☐ or West X
Sec. 8, SE 1/4 SW 1/4 ____ 1/4
(10 acres, 40 acres, 160 acres)
Gov't Lot ~~one~~ County ADA
Lat: : : Long: : :
Address of Well Site DENEB CT.
City Star
Well #2
(Give at least name of road + Distance to Road or Landmark)
Lt. 012 Blk. 002 Sub. Name Shooting Star Estates #1

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

5. TYPE OF WORK check all that apply (Replacement etc.)
X New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD
X Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	100'	12,300 #	Overbore
Cement	100'	138'	3,000 #	Overbore

Was drive shoe used? ☐ Y X N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
16	+3	151	.365	Steel	X	☐	X	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe 0 Length of Tailpipe 8'

9. PERFORATIONS/SCREENS
☐ Perforations Method _____
X Screens Screen Type Houston

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
151	166	.030		10"	St. St.	X	☐
173	183	.030		10"	St. St.	X	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
0 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:
☐ Pump ☐ Bailer X Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
450			8 Hr.

Water Temp. _____ Bottom hole temp. _____
Water Quality test or comments: _____
Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
21"	0	4	Sandy Clay Top Soil		
"	4	46	Sand & Gravel	X	
"	46	60	Clay		
19	60	67	Clay		
"	67	69	Sand	X	
"	69	78	Clay		
"	78	80	Coarse Sand + Pea Gravel	X	
"	80	89	Clay		
"	89	94	Sand Fine	X	
"	94	95	Clay		
"	95	98	Sand	X	
"	98	101	Clay		
"	101	104	Sand	X	
"	104	110	Clay		
"	110	114	Sand	X	
"	114	123	Clay		
"	123	126	Sand	X	
"	126	132	Clay		
"	132	134	Sand	X	
"	134	138	Clay - Sandy		
"	138	141	Sandy	X	
"	141	142	Sandy Clay		
"	142	152	Clay		
"	152	155	Sand	X	
"	155	157	Clay		
"	157	159	Sand	X	
"	159	160	Clay		
"	160	165	Sand	X	
"	165	168	Clay		
"	168	176	Blue Clay, Sandy		
"	176	183	Sand	X	
"	183	184	Clay		
"	184	188	Clay Blue + tan		
"	188	197	Sand - Gravel	X	

Completed Depth 197' (Measurable)
Date: Started 9-29-97 Completed 10-15-97

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NOV 12 1997
Department of Water Resources

RECEIVED
NOV - 7 1997
WATER RESOURCES
WESTERN REGION

MICROFILMED

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

Firm Name Adamson Pump & Drilling Firm No. 0457
Firm Official Miriam Adamson Date 11-5-97
and
Supervisor or Operator [signature] Date 11-5-97
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

SCANNED
JAN 3 1 2003

ATTACHMENT D – IRRIGATION ANALYSIS BASED ON LOT TYPE

JAN 3 1 2023

Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877670050	NORRIS WILLIAM E SEPARATE PROPERTY TRUST	SHOOTING COMET SUB NO 01	LOT 1 BLK 1	Commercial	0.581	10%	0.058
R7877670200	KIRTLEY INVESTMENTS LLC	SHOOTING COMET SUB NO 01	LOT 1 BLK 2	Commercial	1.114	10%	0.111
R7877670310	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 01	LOT 10 BLK 2	Common	0.286	100%	0.286
R7877680040	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 02	LOT 12 BLK 1	Common	0.703	0%	0.000
R7877680070	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 02	LOT 15 BLK 1	Common	0.654	0%	0.000
R7877690010	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 03	LOT 25 BLK 1	Common	0.172	0%	0.000
R7877690090	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 03	LOT 22 BLK 2	Common	0.307	100%	0.307
R7877690200	SHOOTING COMET HOA	SHOOTING COMET SUB NO 03	LOT 33 BLK 2	Common	0.196	100%	0.196
R7877690300	SHOOTING COMET HOA	SHOOTING COMET SUB NO 03	LOT 5 BLK 4	Common	0.064	100%	0.064
R7877700040	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 04	LOT 36 BLK 1	Common	0.128	0%	0.000
R7877700070	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 04	LOT 04 BLK 3	Common	0.529	100%	0.529
R7877700130	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 04	LOT 01 BLK 6	Common	0.344	0%	0.000
R7877710010	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 05	LOT 10 BLK 03	Common	0.412	100%	0.412
R7877710060	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 05	LOT 14 BLK 06	Common	0.061	0%	0.000
R7877710070	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 05	LOT 01 BLK 07	Common	0.029	0%	0.000
R7877710290	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 05	LOT 01 BLK 09	Common	0.126	100%	0.126
R7877710390	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 05	LOT 05 BLK 10	Common	0.492	100%	0.492
R7877710420	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 05	LOT 01 BLK 11	Common	0.027	100%	0.027
R7877720140	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 06	LOT 14 BLK 05	Common	0.100	100%	0.100
R7877720240	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 06	LOT 13 BLK 10	Common	0.028	100%	0.028
R7877720360	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 06	LOT 03 BLK 11	Common	0.280	100%	0.280
R7877730010	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 07	LOT 19 BLK 05	Common	1.910	50%	0.955
R7877730060	SHOOTING STAR HOA INC	SHOOTING COMET SUB NO 07	LOT 24 BLK 05	Common	0.376	70%	0.263
R7877730180	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 07	LOT 18 BLK 11	Common	0.579	100%	0.579
R7877730240	SHOOTING STAR ESTATES HOA INC	SHOOTING COMET SUB NO 07	LOT 01 BLK 12	Common	0.265	50%	0.133
R7877670065	STEINBACH JOE D	SHOOTING COMET SUB NO 01	LOT 02 BLK 01	Residential	0.213	50%	0.107
R7877670070	HEISE GREG J	SHOOTING COMET SUB NO 01	LOT 3 BLK 1	Residential	0.204	50%	0.102
R7877670080	BALL JEFFREY T	SHOOTING COMET SUB NO 01	LOT 4 BLK 1	Residential	0.204	50%	0.102
R7877670090	WILLIAMS MICHAEL	SHOOTING COMET SUB NO 01	LOT 5 BLK 1	Residential	0.204	50%	0.102
R7877670100	MARLOW MARY JANE	SHOOTING COMET SUB NO 01	LOT 6 BLK 1	Residential	0.204	50%	0.102
R7877670110	STILLWELL D MARJORIE	SHOOTING COMET SUB NO 01	LOT 7 BLK 1	Residential	0.204	50%	0.102
R7877670120	AFFOLTER EHRIN M	SHOOTING COMET SUB NO 01	LOT 8 BLK 1	Residential	0.205	50%	0.103

83-345

Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877670215	OLSEN KENNETH L	SHOOTING COMET SUB NO 01	LOT 02 BLK 02	Residential	0.237	50%	0.119
R7877670225	WIRTANEN FAY D	SHOOTING COMET SUB NO 01	LOT 03 BLK 02	Residential	0.211	50%	0.106
R7877670232	THOMAS PATRICIA A	SHOOTING COMET SUB NO 01	LOT 4 BLK 2	Residential	0.201	50%	0.101
R7877670242	KIRTLEY WM S & EDITH G TRUST	SHOOTING COMET SUB NO 01	PAR #0242 LOT 05 BLK 02	Residential	0.276	50%	0.138
R7877670260	KIRTLEY WM S & EDITH G TRUST	SHOOTING COMET SUB NO 01	PAR #0260 OF LOT 5 BLK 2	Residential	0.677	50%	0.339
R7877670272	RETA LOUISA M	SHOOTING COMET SUB NO 01	PAR #0272 OF LOT 6 BLK 2	Residential	0.329	50%	0.165
R7877670275	HASTINGS BROOKE IRREVOCABLE 2002 TRUST	SHOOTING COMET SUB NO 01	PAR #0275 LOTS 05 & 06 BLK 02	Residential	0.016	50%	0.008
R7877670280	KRAMER STEPHEN	SHOOTING COMET SUB NO 01	LOT 7 BLK 2	Residential	0.236	50%	0.118
R7877670290	LIGHTNER RYAN	SHOOTING COMET SUB NO 01	LOT 8 BLK 2	Residential	0.216	50%	0.108
R7877670300	BICKFORD JEFFREY D	SHOOTING COMET SUB NO 01	LOT 9 BLK 2	Residential	0.238	50%	0.119
R7877670320	MORIARTY CHERYL A	SHOOTING COMET SUB NO 01	LOT 11 BLK 2	Residential	0.194	50%	0.097
R7877670330	VICTORY REVOCABLE TRUST	SHOOTING COMET SUB NO 01	LOT 12 BLK 2	Residential	0.203	50%	0.102
R7877670340	BUNDTROCK JACQUELINE M	SHOOTING COMET SUB NO 01	LOT 13 BLK 2	Residential	0.194	50%	0.097
R7877670350	AMERICAN HOMES 4 RENT PROPERTIES FIVE LLC	SHOOTING COMET SUB NO 01	LOT 14 BLK 2	Residential	0.213	50%	0.107
R7877670360	MCLEAN STEPHEN P	SHOOTING COMET SUB NO 01	LOT 15 BLK 2	Residential	0.222	50%	0.111
R7877670370	GOMES JOANNA L	SHOOTING COMET SUB NO 01	LOT 16 BLK 2	Residential	0.185	50%	0.093
R7877670380	BARNHART CHARLES F	SHOOTING COMET SUB NO 01	LOT 17 BLK 2	Residential	0.187	50%	0.094
R7877670390	DE LAVEAGA EUGENE T	SHOOTING COMET SUB NO 01	LOT 18 BLK 2	Residential	0.260	50%	0.130
R7877670400	ELLIS LINDA FAMILY TRUST	SHOOTING COMET SUB NO 01	LOT 19 BLK 2	Residential	0.200	50%	0.100
R7877670410	REYES TRINA K	SHOOTING COMET SUB NO 01	LOT 20 BLK 2	Residential	0.230	50%	0.115
R7877670420	JOHNSON DARRYL A	SHOOTING COMET SUB NO 01	LOT 21 BLK 2	Residential	0.378	50%	0.189
R7877680010	GLASGOW GAIL R	SHOOTING COMET SUB NO 02	LOT 9 BLK 1	Residential	0.251	50%	0.126
R7877680020	HART RAY	SHOOTING COMET SUB NO 02	LOT 10 BLK 1	Residential	0.262	50%	0.131
R7877680030	HART RAY	SHOOTING COMET SUB NO 02	LOT 11 BLK 1	Residential	1.137	50%	0.569
R7877680050	HAGEN BRIAN G	SHOOTING COMET SUB NO 02	LOT 13 BLK 1	Residential	0.252	50%	0.126
R7877680060	ROBINSON LYNN O	SHOOTING COMET SUB NO 02	LOT 14 BLK 1	Residential	0.200	50%	0.100
R7877680080	INTERMOUNTAIN GAS CO	SHOOTING COMET SUB NO 02	PAR #0080 OF LOT 16 BLK 1	Residential	0.009	50%	0.005
R7877680095	ENBYSK NORMAN	SHOOTING COMET SUB NO 02	PAR #0095 OF LOT 17 BLK 1	Residential	1.700	50%	0.850

83-345-11

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Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877680102	INTERMOUNTAIN GAS CO	SHOOTING COMET SUB NO 02	PAR #0102 OF LOT 17 BLK 1	Residential	0.009	50%	0.005
R7877680110	LANDRY CARRIE G	SHOOTING COMET SUB NO 02	LOT 18 BLK 1	Residential	0.506	50%	0.253
R7877680120	KIRTLEY WM S & EDITH G TRUST	SHOOTING COMET SUB NO 02	LOT 19 BLK 1	Residential	0.461	50%	0.231
R7877680130	CHRISTOFFERSEN MAC D	SHOOTING COMET SUB NO 02	LOT 20 BLK 1	Residential	0.543	50%	0.272
R7877680140	WINKLE MICHAEL K	SHOOTING COMET SUB NO 02	LOT 21 BLK 1	Residential	0.544	50%	0.272
R7877680150	MURPHY WESLEY N	SHOOTING COMET SUB NO 02	LOT 22 BLK 1	Residential	0.582	50%	0.291
R7877680160	GARRETT GARET L	SHOOTING COMET SUB NO 02	LOT 23 BLK 1	Residential	0.714	50%	0.357
R7877680170	HULL PHILIP D	SHOOTING COMET SUB NO 02	LOT 24 BLK 1	Residential	1.022	50%	0.511
R7877690020	MASON ANDREW TODD	SHOOTING COMET SUB NO 03	LOT 26 BLK 1	Residential	0.175	50%	0.08
R7877690030	SCHLEKEWAY CHARLES	SHOOTING COMET SUB NO 03	LOT 27 BLK 1	Residential	0.169	50%	0.085
R7877690040	GEBHART LORI	SHOOTING COMET SUB NO 03	LOT 28 BLK 1	Residential	0.198	50%	0.099
R7877690050	DENOIX RICHARD	SHOOTING COMET SUB NO 03	LOT 29 BLK 1	Residential	0.204	50%	0.102
R7877690060	RONQUILLO SANTOS MARIN	SHOOTING COMET SUB NO 03	LOT 30 BLK 1	Residential	0.215	50%	0.108
R7877690070	BESSON BRIAN	SHOOTING COMET SUB NO 03	LOT 31 BLK 1	Residential	0.216	50%	0.108
R7877690080	PLITT COLLEEN	SHOOTING COMET SUB NO 03	LOT 32 BLK 1	Residential	0.248	50%	0.124
R7877690100	MAY TRACY L	SHOOTING COMET SUB NO 03	LOT 23 BLK 2	Residential	0.172	50%	0.086
R7877690110	HENDRICHS JOHN C	SHOOTING COMET SUB NO 03	LOT 24 BLK 2	Residential	0.164	50%	0.082
R7877690120	DUBIE GAYLORD	SHOOTING COMET SUB NO 03	LOT 25 BLK 2	Residential	0.177	50%	0.089
R7877690130	BARTON BRENT	SHOOTING COMET SUB NO 03	LOT 26 BLK 2	Residential	0.201	50%	0.101
R7877690140	HUTCHISON GREG L	SHOOTING COMET SUB NO 03	LOT 27 BLK 2	Residential	0.235	50%	0.118
R7877690150	OLSEN JUSTIN DEAN	SHOOTING COMET SUB NO 03	LOT 28 BLK 2	Residential	0.201	50%	0.101
R7877690160	PEER MARIA L	SHOOTING COMET SUB NO 03	LOT 29 BLK 2	Residential	0.219	50%	0.110
R7877690170	HENDERSON SID	SHOOTING COMET SUB NO 03	LOT 30 BLK 2	Residential	0.179	50%	0.09
R7877690180	SNOW SHAWN M	SHOOTING COMET SUB NO 03	LOT 31 BLK 2	Residential	0.183	50%	0.092
R7877690190	ZAHN RACHEL M	SHOOTING COMET SUB NO 03	LOT 32 BLK 2	Residential	0.226	50%	0.113
R7877690210	MCINTOSH RODNEY	SHOOTING COMET SUB NO 03	LOT 34 BLK 2	Residential	0.215	50%	0.108
R7877690220	PAUL JOHN	SHOOTING COMET SUB NO 03	LOT 35 BLK 2	Residential	0.165	50%	0.083
R7877690230	LEONARD DANA	SHOOTING COMET SUB NO 03	LOT 36 BLK 2	Residential	0.212	50%	0.106
R7877690240	ALLEN DAVID K & HELEN M JOINT LIVING TRUST	SHOOTING COMET SUB NO 03	LOT 37 BLK 2	Residential	0.322	50%	0.161
R7877690250	BRACKEN WALTER DEWAIN & ELINOR FAMILY TRUST	SHOOTING COMET SUB NO 03	LOT 1 BLK 3	Residential	0.201	50%	0.101
R7877690260	TIERNEY WILLIAM F	SHOOTING COMET SUB NO 03	LOT 1 BLK 4	Residential	0.186	50%	0.093

93-345-1

SCANNED JAN 31 2018

Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877690270	GILLEN JASON	SHOOTING COMET SUB NO 03	LOT 2 BLK 4	Residential	0.160	50%	0.080
R7877690280	BROWN MARVIN A	SHOOTING COMET SUB NO 03	LOT 3 BLK 4	Residential	0.216	50%	0.108
R7877690290	HANSEN GRANT F	SHOOTING COMET SUB NO 03	LOT 4 BLK 4	Residential	0.163	50%	0.082
R7877690310	HUBERT GRETCHEN A	SHOOTING COMET SUB NO 03	LOT 6 BLK 4	Residential	0.234	50%	0.117
R7877690320	RICHARDSON GERALDINE	SHOOTING COMET SUB NO 03	LOT 7 BLK 4	Residential	0.182	50%	0.091
R7877690330	FORD DONNA K	SHOOTING COMET SUB NO 03	LOT 8 BLK 4	Residential	0.185	50%	0.093
R7877690340	KORTE SHANE W B	SHOOTING COMET SUB NO 03	LOT 9 BLK 4	Residential	0.166	50%	0.083
R7877690350	CHARLES JODY LYNN	SHOOTING COMET SUB NO 03	LOT 1 BLK 5	Residential	0.212	50%	0.106
R7877690360	SALSEDO PHYLLIS	SHOOTING COMET SUB NO 03	LOT 2 BLK 5	Residential	0.178	50%	0.089
R7877690370	WHITEMAN JERRY L	SHOOTING COMET SUB NO 03	LOT 3 BLK 5	Residential	0.161	50%	0.08
R7877690380	CARVER MARY L	SHOOTING COMET SUB NO 03	LOT 4 BLK 5	Residential	0.190	50%	0.095
R7877700010	VRASPIR JOSEPH A	SHOOTING COMET SUB NO 04	LOT 33 BLK 1	Residential	0.180	50%	0.090
R7877700020	HAZARD KURT R	SHOOTING COMET SUB NO 04	LOT 34 BLK 1	Residential	0.181	50%	0.091
R7877700030	AMERICAN HOMES 4 RENT PROPERTIES FIVE LLC	SHOOTING COMET SUB NO 04	LOT 35 BLK 1	Residential	0.215	50%	0.108
R7877700050	JOEKEMA JOYCE	SHOOTING COMET SUB NO 04	LOT 02 BLK 3	Residential	0.205	50%	0.103
R7877700060	TISHER CHRISTIAN B	SHOOTING COMET SUB NO 04	LOT 03 BLK 3	Residential	0.215	50%	0.108
R7877700080	MULVAHILL TARA M	SHOOTING COMET SUB NO 04	LOT 05 BLK 3	Residential	0.197	50%	0.099
R7877700090	BLAIR LEVI E	SHOOTING COMET SUB NO 04	LOT 06 BLK 3	Residential	0.210	50%	0.105
R7877700100	HERMANSEN FRANKIE LEE	SHOOTING COMET SUB NO 04	LOT 07 BLK 3	Residential	0.188	50%	0.094
R7877700110	TURNER JERROD C	SHOOTING COMET SUB NO 04	LOT 08 BLK 3	Residential	0.177	50%	0.089
R7877700120	LANTZ EDWIN JOHN	SHOOTING COMET SUB NO 04	LOT 09 BLK 3	Residential	0.209	50%	0.105
R7877700140	DI GREGORIO PHILIP	SHOOTING COMET SUB NO 04	LOT 02 BLK 6	Residential	0.171	50%	0.086
R7877700150	ANDREWS RAY L & RUTH E LIVING TRUST	SHOOTING COMET SUB NO 04	LOT 03 BLK 6	Residential	0.163	50%	0.08
R7877700160	MUSGRAVE DAVID LEE	SHOOTING COMET SUB NO 04	LOT 04 BLK 6	Residential	0.249	50%	0.125
R7877700170	HEATH JUDITH A	SHOOTING COMET SUB NO 04	LOT 05 BLK 6	Residential	0.178	50%	0.089
R7877700180	KING NEIL RANDALL	SHOOTING COMET SUB NO 04	LOT 06 BLK 6	Residential	0.169	50%	0.085
R7877700190	CROSSLEY TAMARA J	SHOOTING COMET SUB NO 04	LOT 07 BLK 6	Residential	0.167	50%	0.084
R7877700200	NORTHWEST VENTURES LLC	SHOOTING COMET SUB NO 04	LOT 08 BLK 6	Residential	0.166	50%	0.083
R7877700210	OVERMAN KIMBERLY A	SHOOTING COMET SUB NO 04	LOT 09 BLK 6	Residential	0.183	50%	0.092
R7877710020	ROSSOW ROGER R	SHOOTING COMET SUB NO 05	LOT 10 BLK 06	Residential	0.247	50%	0.124
R7877710030	VAUGHN LEONARD J	SHOOTING COMET SUB NO 05	LOT 11 BLK 06	Residential	0.218	50%	0.109
R7877710040	LAMPE DONALD E JR	SHOOTING COMET SUB NO 05	LOT 12 BLK 06	Residential	0.177	50%	0.089

Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877710050	GATFIELD JUDITH E	SHOOTING COMET SUB NO 05	LOT 13 BLK 06	Residential	0.206	50%	0.103
R7877710080	DUIN CLINTON	SHOOTING COMET SUB NO 05	LOT 02 BLK 07	Residential	0.187	50%	0.094
R7877710090	CORRENTI JACQUELINE L	SHOOTING COMET SUB NO 05	LOT 03 BLK 07	Residential	0.186	50%	0.093
R7877710100	STEVENSON BRADLY	SHOOTING COMET SUB NO 05	LOT 04 BLK 07	Residential	0.199	50%	0.100
R7877710110	WATSON JARED M	SHOOTING COMET SUB NO 05	LOT 05 BLK 07	Residential	0.199	50%	0.100
R7877710120	GROVES JIMMY	SHOOTING COMET SUB NO 05	LOT 06 BLK 07	Residential	0.199	50%	0.100
R7877710130	MARTINDALE HEATHER L	SHOOTING COMET SUB NO 05	LOT 07 BLK 07	Residential	0.200	50%	0.100
R7877710140	RACEHORSE VERNA L	SHOOTING COMET SUB NO 05	LOT 08 BLK 07	Residential	0.200	50%	0.100
R7877710150	GAERISCH WERNER SCOTT	SHOOTING COMET SUB NO 05	LOT 09 BLK 07	Residential	0.200	50%	0.100
R7877710160	RANSTROM JEFF L	SHOOTING COMET SUB NO 05	LOT 10 BLK 07	Residential	0.221	50%	0.11
R7877710170	BIAR JONATHAN	SHOOTING COMET SUB NO 05	LOT 01 BLK 08	Residential	0.177	50%	0.089
R7877710180	SIMON CHRISTOPHER M	SHOOTING COMET SUB NO 05	LOT 02 BLK 08	Residential	0.138	50%	0.069
R7877710190	MEDINA DAVID PAUL	SHOOTING COMET SUB NO 05	LOT 03 BLK 08	Residential	0.138	50%	0.069
R7877710200	PRINZ MARK T	SHOOTING COMET SUB NO 05	LOT 04 BLK 08	Residential	0.139	50%	0.070
R7877710210	STROUP WILLIAM R AND	SHOOTING COMET SUB NO 05	LOT 05 BLK 08	Residential	0.139	50%	0.070
R7877710220	RUTHERFORD ROBERT C	SHOOTING COMET SUB NO 05	LOT 06 BLK 08	Residential	0.176	50%	0.088
R7877710230	THIEL CURTIS L	SHOOTING COMET SUB NO 05	LOT 07 BLK 08	Residential	0.177	50%	0.089
R7877710240	STEINWAND GERALD G	SHOOTING COMET SUB NO 05	LOT 08 BLK 08	Residential	0.139	50%	0.070
R7877710250	TINE LORI	SHOOTING COMET SUB NO 05	LOT 09 BLK 08	Residential	0.139	50%	0.070
R7877710260	MADOLE FAMILY RESIDUAL TRUST	SHOOTING COMET SUB NO 05	LOT 10 BLK 08	Residential	0.138	50%	0.069
R7877710270	WOLFORD MICHAEL	SHOOTING COMET SUB NO 05	LOT 11 BLK 08	Residential	0.138	50%	0.069
R7877710280	DELISIO KAREN LYNN TRUST	SHOOTING COMET SUB NO 05	LOT 12 BLK 08	Residential	0.175	50%	0.088
R7877710300	KALISKY GRACE	SHOOTING COMET SUB NO 05	LOT 02 BLK 09	Residential	0.209	50%	0.105
R7877710310	AULENBACHER KIMBERLY E	SHOOTING COMET SUB NO 05	LOT 03 BLK 09	Residential	0.157	50%	0.079
R7877710320	SLATTER JO ANN	SHOOTING COMET SUB NO 05	LOT 04 BLK 09	Residential	0.157	50%	0.079
R7877710330	BEAUX-WILSON AUDREY M	SHOOTING COMET SUB NO 05	LOT 05 BLK 09	Residential	0.157	50%	0.079
R7877710340	AMERICAN HOMES 4 RENT PROPERTIES FIVE LLC	SHOOTING COMET SUB NO 05	LOT 06 BLK 09	Residential	0.152	50%	0.076
R7877710350	PASSEY TAMARA	SHOOTING COMET SUB NO 05	LOT 01 BLK 10	Residential	0.160	50%	0.080
R7877710360	CALINGO REYNALDO N	SHOOTING COMET SUB NO 05	LOT 02 BLK 10	Residential	0.178	50%	0.089
R7877710370	MAY FLOYD A	SHOOTING COMET SUB NO 05	LOT 03 BLK 10	Residential	0.165	50%	0.083
R7877710380	PHELPS DOUGLAS R	SHOOTING COMET SUB NO 05	LOT 04 BLK 10	Residential	0.215	50%	0.108
R7877710400	ORWIG JOY LEA	SHOOTING COMET SUB NO 05	LOT 06 BLK 10	Residential	0.198	50%	0.099

Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877710410	DINSMORE JACKIE	SHOOTING COMET SUB NO 05	LOT 07 BLK 10	Residential	0.158	50%	0.079
R7877710430	MARCOTTE BRENDA	SHOOTING COMET SUB NO 05	LOT 02 BLK 11	Residential	0.176	50%	0.088
R7877720010	BOYACK CRAIG S	SHOOTING COMET SUB NO 06	LOT 11 BLK 03	Residential	0.177	50%	0.089
R7877720020	ODOM CHARLES	SHOOTING COMET SUB NO 06	LOT 12 BLK 03	Residential	0.176	50%	0.088
R7877720030	BROWN COLLEEN	SHOOTING COMET SUB NO 06	LOT 13 BLK 03	Residential	0.176	50%	0.088
R7877720040	SHEPHERD RONALD L	SHOOTING COMET SUB NO 06	LOT 14 BLK 03	Residential	0.212	50%	0.106
R7877720050	KELLAS KELLY T	SHOOTING COMET SUB NO 06	LOT 05 BLK 05	Residential	0.195	50%	0.098
R7877720060	JONES MARLENE R	SHOOTING COMET SUB NO 06	LOT 06 BLK 05	Residential	0.193	50%	0.097
R7877720070	LOVE KEITH T	SHOOTING COMET SUB NO 06	LOT 07 BLK 05	Residential	0.179	50%	0.090
R7877720080	JENNINGS RAMONA	SHOOTING COMET SUB NO 06	LOT 08 BLK 05	Residential	0.175	50%	0.08
R7877720090	SCHWEHR EDWARD FRANCIS	SHOOTING COMET SUB NO 06	LOT 09 BLK 05	Residential	0.172	50%	0.086
R7877720100	MCCLUSKEY LLOYD M	SHOOTING COMET SUB NO 06	LOT 10 BLK 05	Residential	0.178	50%	0.089
R7877720110	LONG JON D	SHOOTING COMET SUB NO 06	LOT 11 BLK 05	Residential	0.191	50%	0.096
R7877720120	FLANSBURG TRACY P	SHOOTING COMET SUB NO 06	LOT 12 BLK 05	Residential	0.250	50%	0.125
R7877720130	SHANNON DANIEL C	SHOOTING COMET SUB NO 06	LOT 13 BLK 05	Residential	0.284	50%	0.142
R7877720150	HOLL BERNIENCE	SHOOTING COMET SUB NO 06	LOT 15 BLK 05	Residential	0.373	50%	0.187
R7877720160	BRUMPTON CHAD R	SHOOTING COMET SUB NO 06	LOT 16 BLK 05	Residential	0.205	50%	0.103
R7877720170	GREGG JOHN W	SHOOTING COMET SUB NO 06	LOT 17 BLK 05	Residential	0.195	50%	0.098
R7877720180	FREEMAN KATHY SUE	SHOOTING COMET SUB NO 06	LOT 18 BLK 05	Residential	0.220	50%	0.110
R7877720190	STALLINGS LEONARD ALLEN	SHOOTING COMET SUB NO 06	LOT 08 BLK 10	Residential	0.203	50%	0.102
R7877720200	MAHLER ALAN	SHOOTING COMET SUB NO 06	LOT 09 BLK 10	Residential	0.206	50%	0.103
R7877720210	WILLIAMS M BEN	SHOOTING COMET SUB NO 06	LOT 10 BLK 10	Residential	0.204	50%	0.102
R7877720220	SCHAFER STEVEN M	SHOOTING COMET SUB NO 06	LOT 11 BLK 10	Residential	0.204	50%	0.102
R7877720230	LEDBETTER GARY S	SHOOTING COMET SUB NO 06	LOT 12 BLK 10	Residential	0.216	50%	0.108
R7877720270	RAFELLO DEAN	SHOOTING COMET SUB NO 06	LOT 16 BLK 10	Residential	0.170	50%	0.085
R7877720280	LEE CRYSTAL L	SHOOTING COMET SUB NO 06	LOT 17 BLK 10	Residential	0.187	50%	0.094
R7877720290	HAMEL DAVID A	SHOOTING COMET SUB NO 06	LOT 18 BLK 10	Residential	0.161	50%	0.081
R7877720300	DE TOUR MATTHEW J	SHOOTING COMET SUB NO 06	LOT 19 BLK 10	Residential	0.172	50%	0.086
R7877720310	STRADLEY RICHARD R	SHOOTING COMET SUB NO 06	LOT 20 BLK 10	Residential	0.166	50%	0.083
R7877720320	DUBOIS JAMES H	SHOOTING COMET SUB NO 06	LOT 21 BLK 10	Residential	0.166	50%	0.083
R7877720330	DUNAWAY CHARLES G	SHOOTING COMET SUB NO 06	LOT 22 BLK 10	Residential	0.165	50%	0.083
R7877720340	PHILLIPS JOHN A	SHOOTING COMET SUB NO 06	LOT 23 BLK 10	Residential	0.165	50%	0.083
R7877720350	CHAN BRUCE	SHOOTING COMET SUB NO 06	LOT 24 BLK 10	Residential	0.165	50%	0.083

Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877720370	MCNULTY TABATHA A	SHOOTING COMET SUB NO 06	LOT 04 BLK 11	Residential	0.166	50%	0.083
R7877720380	DOVER KERRY L	SHOOTING COMET SUB NO 06	LOT 05 BLK 11	Residential	0.175	50%	0.088
R7877720390	HOUSTON JAMES E	SHOOTING COMET SUB NO 06	LOT 06 BLK 11	Residential	0.160	50%	0.080
R7877720400	CLARK MICHELLE R	SHOOTING COMET SUB NO 06	LOT 07 BLK 11	Residential	0.160	50%	0.080
R7877720410	SMITH KATHLEEN M	SHOOTING COMET SUB NO 06	LOT 08 BLK 11	Residential	0.161	50%	0.081
R7877720420	WILSON TYLER	SHOOTING COMET SUB NO 06	LOT 09 BLK 11	Residential	0.164	50%	0.082
R7877720430	MENSINK CALE A	SHOOTING COMET SUB NO 06	LOT 10 BLK 11	Residential	0.166	50%	0.083
R7877720440	ROOD ASHLEY	SHOOTING COMET SUB NO 06	LOT 11 BLK 11	Residential	0.163	50%	0.082
R7877720450	MOODY DAVID S	SHOOTING COMET SUB NO 06	LOT 12 BLK 11	Residential	0.161	50%	0.081
R7877720460	LAWRENCE JARED JAMES	SHOOTING COMET SUB NO 06	LOT 13 BLK 11	Residential	0.161	50%	0.08
R7877720470	LENTZ JASON R	SHOOTING COMET SUB NO 06	LOT 14 BLK 11	Residential	0.205	50%	0.103
R7877720480	HALLOWELL NICHOLAS	SHOOTING COMET SUB NO 06	LOT 15 BLK 11	Residential	0.183	50%	0.092
R7877720490	ST GERMAIN ABBY	SHOOTING COMET SUB NO 06	LOT 16 BLK 11	Residential	0.198	50%	0.099
R7877720500	COFFEY DONALD L	SHOOTING COMET SUB NO 06	LOT 17 BLK 11	Residential	0.203	50%	0.102
R7877730020	ARRIAGA FAMILY TRUST 10-14-2014	SHOOTING COMET SUB NO 07	LOT 20 BLK 05	Residential	0.195	50%	0.098
R7877730030	JORDAN RALPH & CLAUDIA FAMILY TRUST	SHOOTING COMET SUB NO 07	LOT 21 BLK 05	Residential	0.182	50%	0.091
R7877730040	HILLIARD RAY & ANTONIA 1997 FAMILY TRUST	SHOOTING COMET SUB NO 07	LOT 22 BLK 05	Residential	0.183	50%	0.092
R7877730050	COBB PATRICIA E	SHOOTING COMET SUB NO 07	LOT 23 BLK 05	Residential	0.248	50%	0.124
R7877730070	ACKERLAND ANTHONY R	SHOOTING COMET SUB NO 07	LOT 25 BLK 05	Residential	0.277	50%	0.139
R7877730080	BUCKERT GREGORY LEE	SHOOTING COMET SUB NO 07	LOT 26 BLK 05	Residential	0.210	50%	0.105
R7877730090	SIMPSON JEDSTON G	SHOOTING COMET SUB NO 07	LOT 27 BLK 05	Residential	0.174	50%	0.087
R7877730100	BORCHARDT MATTHEW S	SHOOTING COMET SUB NO 07	LOT 28 BLK 05	Residential	0.183	50%	0.092
R7877730110	COOPER JON P	SHOOTING COMET SUB NO 07	LOT 29 BLK 05	Residential	0.191	50%	0.09
R7877730120	REHMEYER ALISON R	SHOOTING COMET SUB NO 07	LOT 30 BLK 05	Residential	0.237	50%	0.119
R7877730130	STALLINGS LEONARD ALLEN	SHOOTING COMET SUB NO 07	LOT 31 BLK 05	Residential	0.179	50%	0.090
R7877730140	PARKER THOMAS M	SHOOTING COMET SUB NO 07	LOT 32 BLK 05	Residential	0.255	50%	0.128
R7877730150	HOWTON DAVID W	SHOOTING COMET SUB NO 07	LOT 33 BLK 05	Residential	0.188	50%	0.094
R7877730160	MCGEE CRAIG	SHOOTING COMET SUB NO 07	LOT 34 BLK 05	Residential	0.186	50%	0.093
R7877730170	JAUREGUI JOSE M	SHOOTING COMET SUB NO 07	LOT 35 BLK 05	Residential	0.205	50%	0.103
R7877730190	ORM STEVEN A	SHOOTING COMET SUB NO 07	LOT 19 BLK 11	Residential	0.178	50%	0.089
R7877730200	SEARLES JAMES R	SHOOTING COMET SUB NO 07	LOT 20 BLK 11	Residential	0.157	50%	0.079
R7877730210	RYAN SHAWN M	SHOOTING COMET SUB NO 07	LOT 21 BLK 11	Residential	0.158	50%	0.079

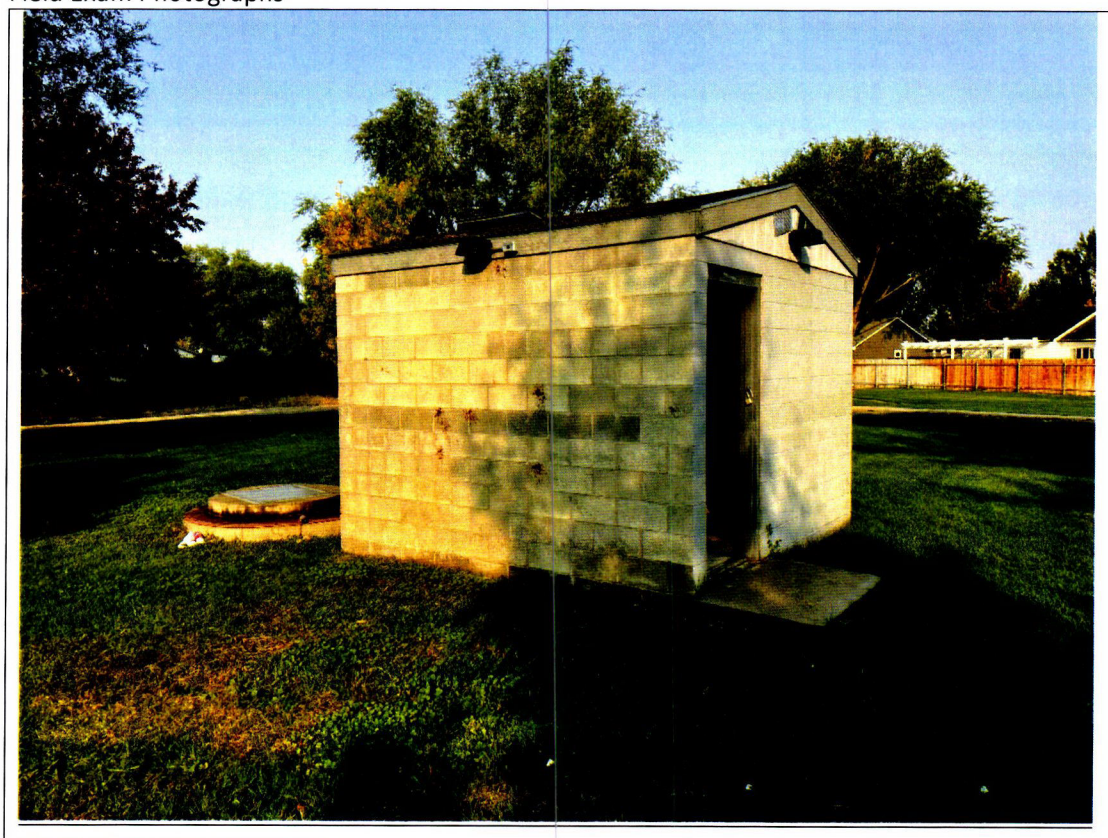
Shooting Comet Homeowners' Association
Irrigated Area Calculation

Parcel No.	Owner	Subdivision Name	Lot/Block	Lot Type	Parcel Area (ac)	Percent Irrigated	Irrigated Area (ac)
R7877730220	ARTHUR CHESTER ANTHONY & CAROL SPENCER JOINT LIV TRUST	SHOOTING COMET SUB NO 07	LOT 22 BLK 11	Residential	0.159	50%	0.080
R7877730230	DUKE BRAD	SHOOTING COMET SUB NO 07	LOT 23 BLK 11	Residential	0.159	50%	0.080
R7877730250	PERRONE DONNA M	SHOOTING COMET SUB NO 07	LOT 02 BLK 12	Residential	0.209	50%	0.105
R7877730260	ELLSWORTH JENNIFER	SHOOTING COMET SUB NO 07	LOT 03 BLK 12	Residential	0.176	50%	0.088
R7877730270	THEIS JEFFREY W	SHOOTING COMET SUB NO 07	LOT 04 BLK 12	Residential	0.174	50%	0.087
R7877730280	DOYLE BETTE C	SHOOTING COMET SUB NO 07	LOT 05 BLK 12	Residential	0.223	50%	0.112
R7877730290	SILVA THERESA G	SHOOTING COMET SUB NO 07	LOT 06 BLK 12	Residential	0.173	50%	0.087
R7877730300	FOSS PETER J	SHOOTING COMET SUB NO 07	LOT 07 BLK 12	Residential	0.229	50%	0.115
R7877730310	COOK ANDREW R	SHOOTING COMET SUB NO 07	LOT 08 BLK 12	Residential	0.175	50%	0.08
R7877730320	BROWEN ROBERT P	SHOOTING COMET SUB NO 07	LOT 09 BLK 12	Residential	0.175	50%	0.088
R7877730330	MOHAMADZADEH MOHAMAD	SHOOTING COMET SUB NO 07	LOT 10 BLK 12	Residential	0.211	50%	0.106
R7877730340	WELLER GARY THOMAS & ANNELLE LANAY REVOCABLE TRUST	SHOOTING COMET SUB NO 07	LOT 11 BLK 12	Residential	0.222	50%	0.111
R7877730350	GARRO FRANK	SHOOTING COMET SUB NO 07	LOT 12 BLK 12	Residential	0.198	50%	0.099
R7877730360	GREGG WILLIAM L	SHOOTING COMET SUB NO 07	LOT 13 BLK 12	Residential	0.195	50%	0.098
R7877730370	BOUCHER EDGAR S	SHOOTING COMET SUB NO 07	LOT 14 BLK 12	Residential	0.198	50%	0.099
					TOTAL		28.205

23-2451

ATTACHMENT E – FIELD EXAM PHOTOGRAPHS

Field Exam Photographs

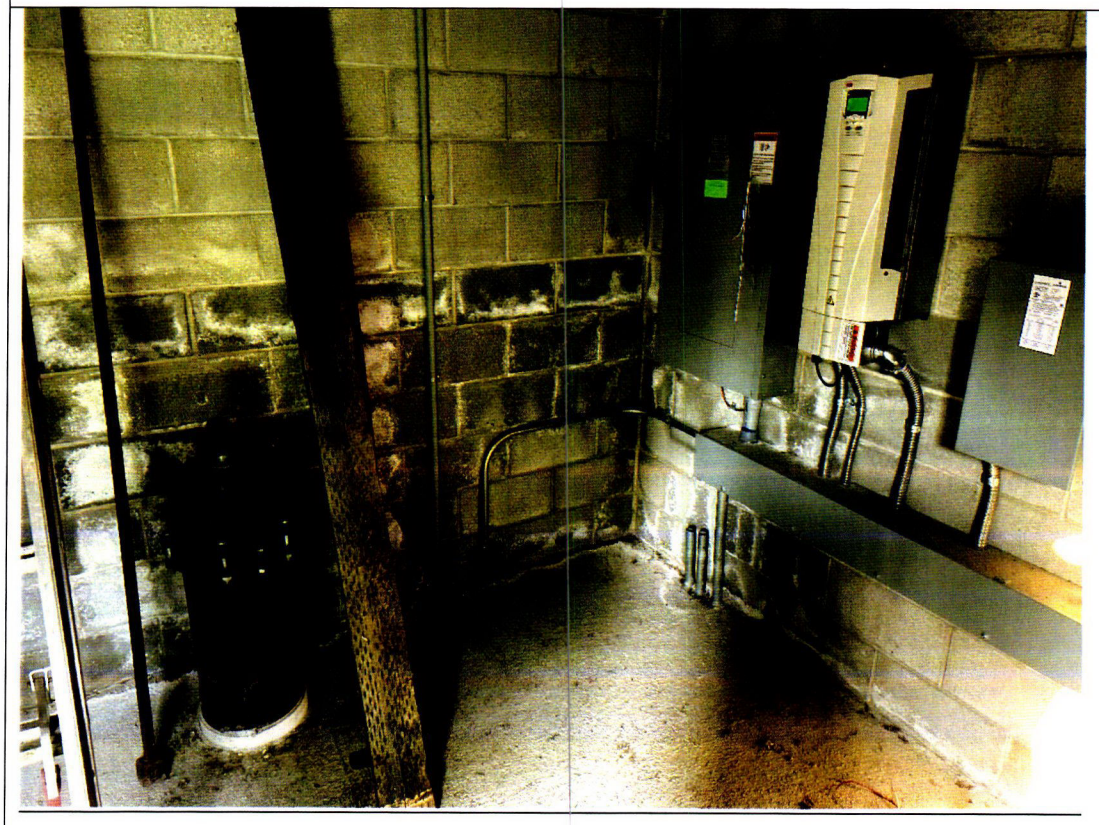


Shooting Comet HOA pump house and vault.

Property:
10554 W Merab Ct
Star, ID 83669

Lot 24 Blk 5 Shooting Comet Sub No. 7.

43 41.65
-116 29.18



Well and pump controls inside pump house.

Field Exam Photographs



Inside vault. New PVC pipe was installed to allow flow measurement to be taken.



Diversion recorded on October 5, 2021. System delivering water to common lots at an average rate of 0.34 cfs.

Field Exam Photographs



Diversion recorded on October 6, 2021. System delivering water at full capacity at an average rate of 0.84 cfs.



Shooting Comet Sub common area standing north of pump house, looking west.

Lot 19 Blk 5 Shooting Comet Sub No. 7.

Field Exam Photographs



Shooting Comet Sub common area looking south.

Lot 5 Blk 10 Shooting Comet Sub No. 5.



RainBird sprinklers Model No. 2045A used to irrigate common lots.