

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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

A. GENERAL INFORMATIONPermit No. 63-326081. Owner Thorpe Family TrustPhone No. 208-859-2765Current address 23498 Boise River Rd, Caldwell, 836072. Examiner's name Scott N. King, P.E. (Examiner No. 133)EXAM DATE September 24, 20153. Accompanied by Ryan Thorpe, Jim Thorpe & James ClassenEmail ryanthorpefarms@gmail.comAddress 28854 Boulder Rd, Parma, ID 83660Relationship to permit holder Thorpe - Trustees; Classen - prior ownerPhone No. 208-859-26904. Source Unnamed Draintributary to Ross East End Drain**B. OVERLAP REVIEW**1. Other water rights with the same place of use 63-32165, 63-322262. Other water rights with the same source and point of diversion 63-32165, -32166, -32608, -3001A, -3001C, -32562**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
	7		SE	SW	17	5N	5W	Canyon	2013 aerial photo, field exam, GPS

2. Place(s) of Use:

Method of determination 2013 aerial photo, field exam

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5N	5W	17									X	X		X					
											L6	L5		L7					

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

*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
Cipoletti Weir					2-ft	

2. **Measurements:** _____
 Head measurement 0.69-ft is 3.90 cfs.

Flow is diverted from an unnamed drain and piped over the Ross East End Drain into a weir box equipped with a two-foot Cipoletti Weir. Flow then enters a pipeline conveying to the places of use for wildlife and wildlife storage use.

63-32226 and 63-32608 represent the same system. When combined, these rights shall be limited to a combined diversion of 3.83 cfs, a total storage capacity of 44 acre-feet and total surface area of 23 acres.

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?

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

2-ft Cipoletti weir with 0.69-ft of head = 3.90 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

Pond area = 23 acres

Average depth = 1.91 ft

Storage volume = 44 acre-feet

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Wildlife	9/1	2/28	2.8	
Wildlife Storage	9/1	2/28		34.0
Diversion to Storage	9/1	2/28	2.8	
Totals:			2.8	34.0

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 Scott N. KingDate 10/29/2015

Reviewer _____

Date _____



ATTACHMENT A

PERMIT RECORD AND PROOF OF BENEFICIAL USE

[Close](#)IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report

9/2/2015

WATER RIGHT NO. 63-32608

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	PARMA PONDS LLC 6417 PLANTATION LN BOISE, ID 83703 208-854-1037
Representative	SPF WATER ENGINEERING LLC C/O SCOTT KING 300 E MALLARD DR STE 350 BOISE, ID 83706 (208)383-4140
Original Owner	CLASSEN & CO LLC 6417 PLANTATION LN BOISE, ID 83703 (208)854-1037

Priority Date: 11/21/2006

Status: Active

<u>Source</u>	<u>Tributary</u>
UNNAMED DRAIN	BOISE RIVER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
WILDLIFE	09/01	02/28	2.8 CFS	
WILDLIFE STORAGE	09/01	02/28		35 AFA
DIVERSION TO STORAGE	09/01	02/28	2.8 CFS	
Total Diversion			2.8 CFS	

Location of Point(s) of Diversion:

UNNAMED DRAIN|SESW Lt 7|Sec. 17|Township 05N|Range 05W|CANYON County

Place(s) of use:

Place of Use Legal Description: WILDLIFE CANYON County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
05N	05W	17	6	NESW		5	NWSW		7	SESW				

Place of Use Legal Description: WILDLIFE STORAGE CANYON County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
05N	05W	17	6	NESW		5	NWSW		7	SESW				

Conditions of Approval:

1. 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.
2. 106 Prior to the diversion and use of water under this approval, the right holder shall comply with applicable water quality permitting requirements administered by the Department of Environmental Quality or the Department of Agriculture.
3. 004 This right does not grant any right-of-way or easement across the land of another.
4. 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.
5. 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.
6. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 63.
7. 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.
8. 176 The waste water diverted under this right is subject to the right of the original appropriator, in good faith and in compliance with state laws governing changes in use and/or expansion of water rights, to cease wasting water, to change the place of use or manner of wasting it, or to recapture it.
9. F06 The following rights are diverted through point of diversion described above: 63-32165, 63-32166, 63-32226 and 63-32608.
10. Wildlife use is for flow thru and return flow water associated with wildlife storage under this right.
11. Wildlife storage use is for habitat improvement.
12. This right shall be junior and subordinate to future water rights authorizing the diversion and use of water from the Boise River and its tributaries, including ground water, for consumptive uses, except that this right shall not be subordinate to future water rights for similar wildlife, recreation and/or aesthetic uses.
13. This right shall be junior and subordinate to future minimum in-stream flow water rights that may be established for the Boise River and its tributaries.
14. Subsequently approved permits based on earlier-in-time applications may reduce the amount of water available for appropriation under this right and may result in a reduction of the quantity found to be beneficially used at the time of licensing of this right.
15. The ponds established by the storage of water under this right shall not exceed a total storage capacity of 35 acre-feet and a total surface area of 23 acres.
16. Together, Rights 63-32608 and 63-32226 shall not exceed a total storage capacity of 45 acre-feet and a total surface area of 23 acres.
17. Right Nos. 63-32165, 63-32608, and 63-32226 are limited to a total combined diversion rate of 1.03 cfs during the irrigation season.

Dates:

Proof Due Date: 09/01/2019

Proof Made Date:

Approved Date: 08/28/2014

Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Application Received Date: 11/21/2006

Protest Deadline Date: 02/06/2012

Number of Protests: 0

Field Exam Date::

Date Sent to State Off:

Date Received at State Off:

Other Information:

State or Federal:

Owner Name Connector:

Water District Number: 63

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

[Close](#)

COPY

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY

Amt. of Fee \$: _____
Receipt No. _____
Receipt By: _____
Date Received: _____

The Idaho Department of Water Resources considers this form a statement by the permit holder(s) that development of a water right has been **completed** and that water has been applied to beneficial use to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner.** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, please contact any Department office or visit the Department's website at: www.idwr.idaho.gov for an Assignment of Permit form. If you wish to relinquish your permit because you have not established the authorized use of the water and are not applying for an extension, please notify the Department in writing.

1. Permit No.: 63-32608 Telephone No.: 208-859-2765
2. Name of Permit Holder(s): Thorpe Family Trust
3. Mailing Address: c/o Jim Thorpe, 23498 Boise River Rd City: Caldwell
State: ID Zip: 83607 Email: jim@thorpefamilyrealty.com
4. Source of Water: Unnamed Drain If **GROUND WATER** (well), Date Drilled: mo. _____ / yr. _____
Well Driller: _____ Drilling Permit Number: _____
5. Extent of use(s) completed (as authorized by the water right permit):
Domestic (No. of households): _____ Stockwater (No. and type of stock): _____
Irrigation (No. of acres): _____ Other: Wildlife & Wildlife Storage
6. Total rate of diversion or storage volume for which proof is submitted: 2.8 cfs OR 35 acre-feet.
7. Compliance with a measuring device requirement, lockable controlling device requirement, and/or other conditions of permit: **Refer to the approval conditions on your permit and respond accordingly. The Department will not issue a license if permit conditions are not met.**
Measuring Device: Is a measuring device required? Yes ☒ No ☐
If yes, has the measuring device been installed? Yes ☒ No ☐
Lockable Controlling Device: Is a lockable device required to control the diversion? Yes ☒ No ☐
If yes, has the lockable device been installed? Yes ☒ No ☐
Other Conditions of Permit: Do the approval conditions on your permit require you to submit additional information in connection with your proof of beneficial use? If yes, list the conditions below and attach documents with the required information.
straight length of conduit or ditch for measuring device Completed? Yes ☒ No ☐
8. Fee Enclosed: \$ n/a See fee schedule on back of the instructions for filing proof of beneficial use.
Proofs filed without an appropriate fee, will be considered incomplete.
9. Person to contact to accompany the Department representative during field examination of the water system.
Name: n/a Telephone Number: _____
Mailing Address: _____ City: _____
State: _____ Zip: _____ Email: _____

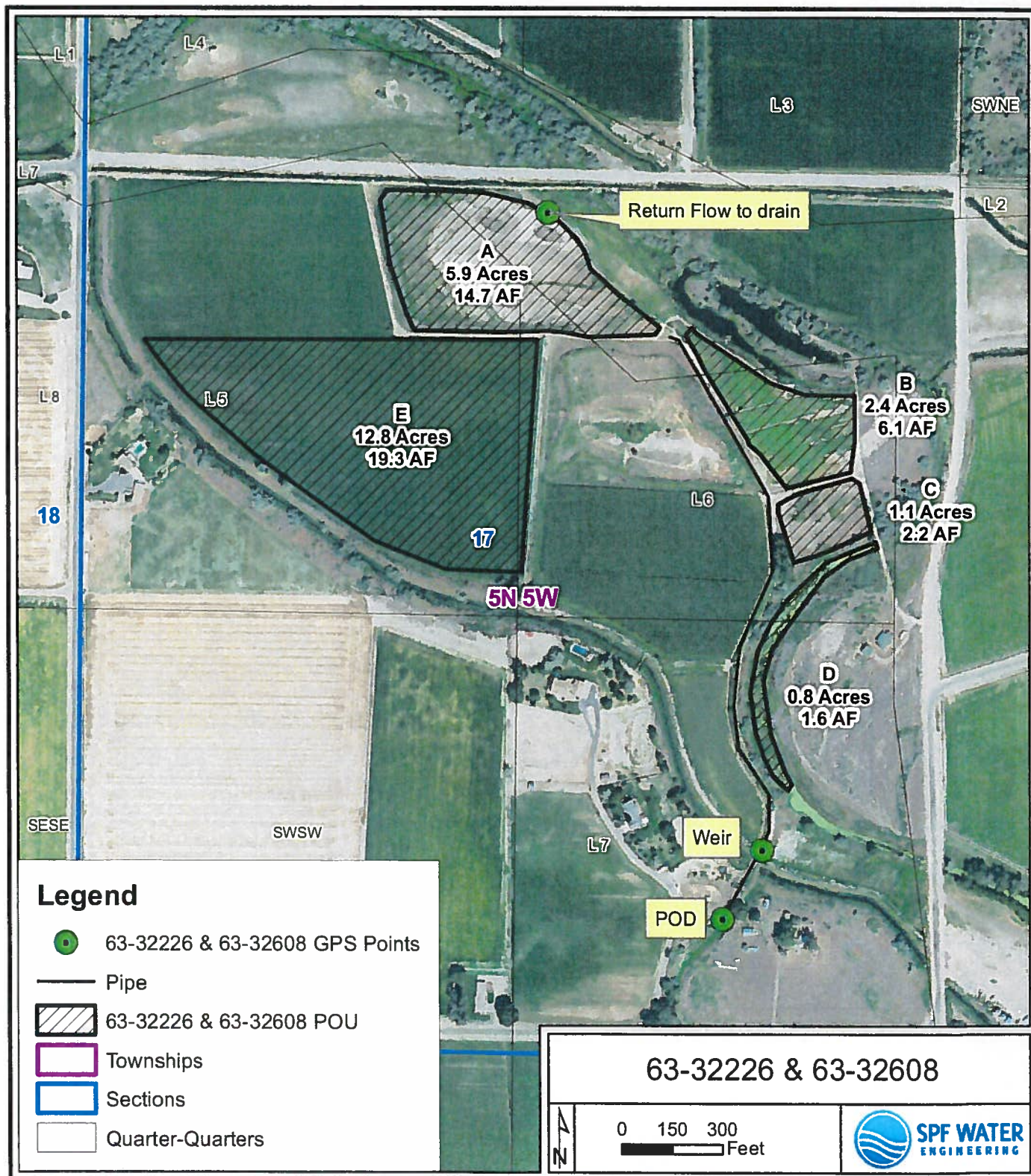
The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to a beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

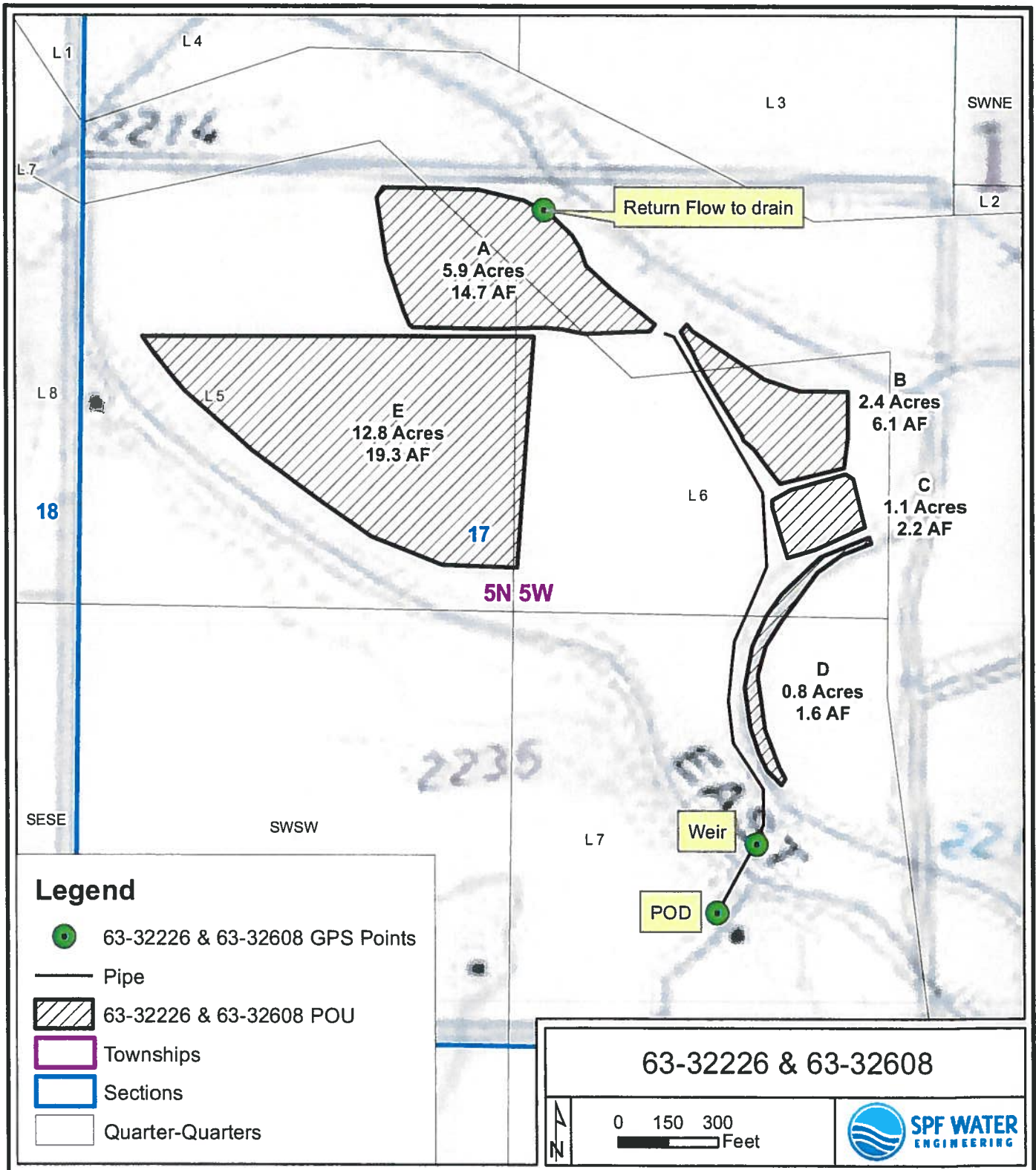
Signature of permit holder: [Signature] TRUSTEE Date: 9/24/15
(include your title, if on behalf of company or organization)

Mail to: Idaho Department of Water Resources, PO Box 83720, Boise, ID 83720-0098

ATTACHMENT B

TOPO MAP AND 2013 AERIAL PHOTO





ATTACHMENT C
PHOTOS



Figure 1: Point of diversion is on left at slide gate lying on ground. Flow on right enters Ross East End Drain.



Figure 2: Check and control structure receives water piped from point of diversion.



Figure 3: Two-foot Cipoletti weir before placing in concrete weir box. Locking headgate is installed upstream of this weir box.



Figure 4: Valve for turning water into place of use "D" (on photo right).



Figure 5: Control valve and pipes for delivering to places of use B & C. Place of use B is shown, planted with corn.

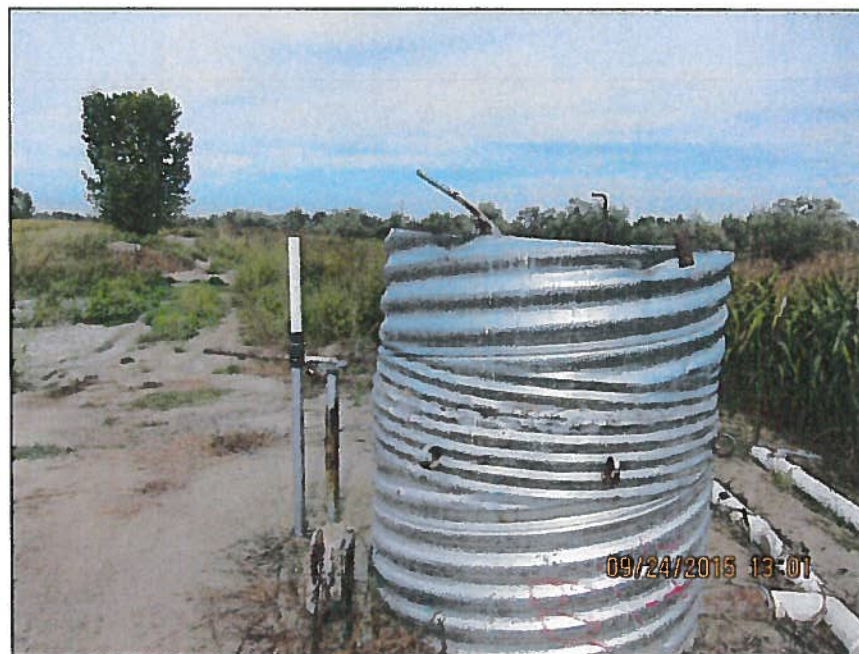


Figure 6: Lower control structure for places of use A & E.



Figure 7: Northern end of place of use "A" facing southward.