RECEIVED
SEP 20 2017
DEPARTMENT OF
WATER RESOURCES

Version 1.1 updated 9.7.2016

REQUEST FOR VARIANCE
OF IDWR APPROVED FLOW METER REQUIREMENT

Please fill out one form for each affected well

A variance will only be considered or approved for simple systems, open discharge wells, or for non- approved flow meters installed prior to the date of an IDWR measurement order.

Please note: this request must be approved before you may use any alternate measurement method.

Owner/Operator: JRG Partners II
Well Name: Barzee South
IDWR Site Tag No.: A0008863
Legal Description: 06N 35E 26 NE
Water District: 110
Reporting District: 110
(ground water district, irrigation district or other entity)

Select the method of measurement you wish to use and have approved:

- [x] Power Consumption Coefficient (PCC) (*only for irrigation diversions that consist of one well and one irrigation discharge point or one distinct flow and demand condition)*
- [ ] Hour Meter / Time Clock *(one well, open discharge)*
- [ ] Existing operating flow meter (*installed prior to the date of the effective order, and determined as acceptable by the Department)*
- [ ] Standard Open Channel Device *(one or multiple wells, open discharge, device must be read daily or flows must be continuously recorded)*

If you are requesting a variance, you must answer the following questions:

1. Does the well open discharge into a pond or ditch? Yes (No) *(if YES, skip to #3)*
2. Is the well interconnected to other wells? Yes (No)
3. What is the pump discharge main line size? 8 inches
4. Please describe the irrigation equipment used with this well (*example: center pivot with or without end gun, ¼ mile wheel lines, solid set hand lines, etc.)* Please describe number and length of hand/wheel lines. Describe system as accurately or completely as possible, including different operating conditions if any. Center Pivot with no end gun booster. It has an end gun that stays on all the time. Plenty of room for a flow meter / Just tired of spending money.
   a. Does your pivot(s) system operate with corner machines? ____ Yes (No)
   b. Does your pivot(s) operate with an end gun? (Yes) ____ No
      If a pivot has an end gun, estimate the percent time the end gun operates. 100 % *time end gun is on*
   c. Approximate number of acres irrigated by this well: 55 acres

Continued on next page

5. Is there a flow meter presently installed on your well? Yes (No) *(If NO, skip to #6)*
If yes, provide flow meter information below.

Type: _____ *(magnetic, propeller, insertable, etc.)*

Manufacturer: _____

Installation date:

Is the meter operable?: Yes No

6. Are there multiple pumps or other electrical loads wired to the same electrical demand meter? Yes (No)
(example: surface water pumps, booster pumps, pivots)

a. If yes, please describe other electrical loads: _____

b. How many are in-line pressure boosters? 0

c. Do in-line boosters always run with the well? Yes No

7. Does the system operate with a variable frequency drive? Yes (No) *(If NO, skip to #8)*
If YES, note location: ☐ on well motor ☐ on booster motor ☐ on both

8. Does the well supply water for use other than irrigation? *(Example: stock water, commercial)*

Yes (No) If yes, please list uses:

9. Does the well production decrease over the irrigation season? Yes (No)

Does pumping water level decrease over the irrigation season? Yes (No)

If yes, approximately how many feet does the water level decrease? _____ feet

If you answered YES to any of the questions #6 through #9, your system is not likely a candidate for the Power Consumption Coefficient (PCC) method of measurement. You will be required to install a flow meter.

If the system is an OPEN DISCHARGE system (answer to #1 is YES) and well production does not decrease during the irrigation season (answer to #9 is NO), then the system may be a candidate to use an hour meter for measurement.

Required for all systems: Please attach a diagram or photo of the wellhead and pumping plant. Include or show locations of all proposed or existing flow meters, and the locations of boosters, valves, elbows, chemigation ports, etc., and the spacing between each.

PLEASE PROVIDE YOUR SIGNATURE AND CONTACT INFORMATION, AND RETURN ALL FORMS TO:

IDWR WATER DISTRIBUTION SECTION
PO BOX 83720
BOISE ID 83720-0098

Name/Title Daren BITTER *Phone Number* 208 317-6080 *Date* 6/14/17

Mailing Address 1344 N. 1900 E. Terreton, ID 83450

E-mail Address bitterfarms@gmail.com

From: **Daren Bitter** bitterfarms@gmail.com
Subject:
Date: **August 14, 2017 at 6:19 PM**
To: **Daren Bitter** bitterdaren@gmail.com

Sent from my iPhone

State of Idaho
DEPARTMENT OF WATER RESOURCES
322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098
Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

January 19, 2018

DARREN BITTER
1344 NORTH 1900 EAST
TERRETON, ID 83450

Re: **APPPROVED:** Request for Variance to use Power Consumption Coefficient (PCC)
Tracking Number: 2017-341

Mr. Bitter,

On September 20th 2017, the Idaho Department of Water Resources ("Department") received your request for a variance from the requirement to install an approved measuring device as required by the July 20, 2016 "*Final Order on Reconsideration in the Matter of Requiring Measuring Devices for Ground Water Diversions in Water District Nos. 31, 34, 100, 110, 120, 130 and 140*" ("Order"). The Order allows for the consideration of variance requests to use an alternate method of measuring the flow rate and annual diversion volume for simple systems from a ground water point of diversion. The deadlines described in the Order for installing an approved measuring device on diversions for the following beneficial uses are:

- Non-irrigation: January 1, 2018
- Irrigation*: By the start of the 2018 irrigation season

* May include other incidental uses

Details specific to your diversion (see attached map)
WMIS No.:300837
Site Tag #:A0008863
Water Rights: 31-2327 B (70 acres mitigation), 31-11844 (50 acres irrigation) POU is 120 acres

Reason(s) for Approval:

- This irrigation systems consists of one pump supplying one pivot with an end gun attached that has no booster and operates 100% of the time. This setup meets the criteria of a "simple system".

Condition(s) of Approval:

1. Prior to making any modifications to your irrigation system, you must contact your Watermaster to determine if this variance would remain applicable.
2. You must coordinate with the Watermaster to have the Power Consumption Coefficient for this diversion re-calculated at least every three years.

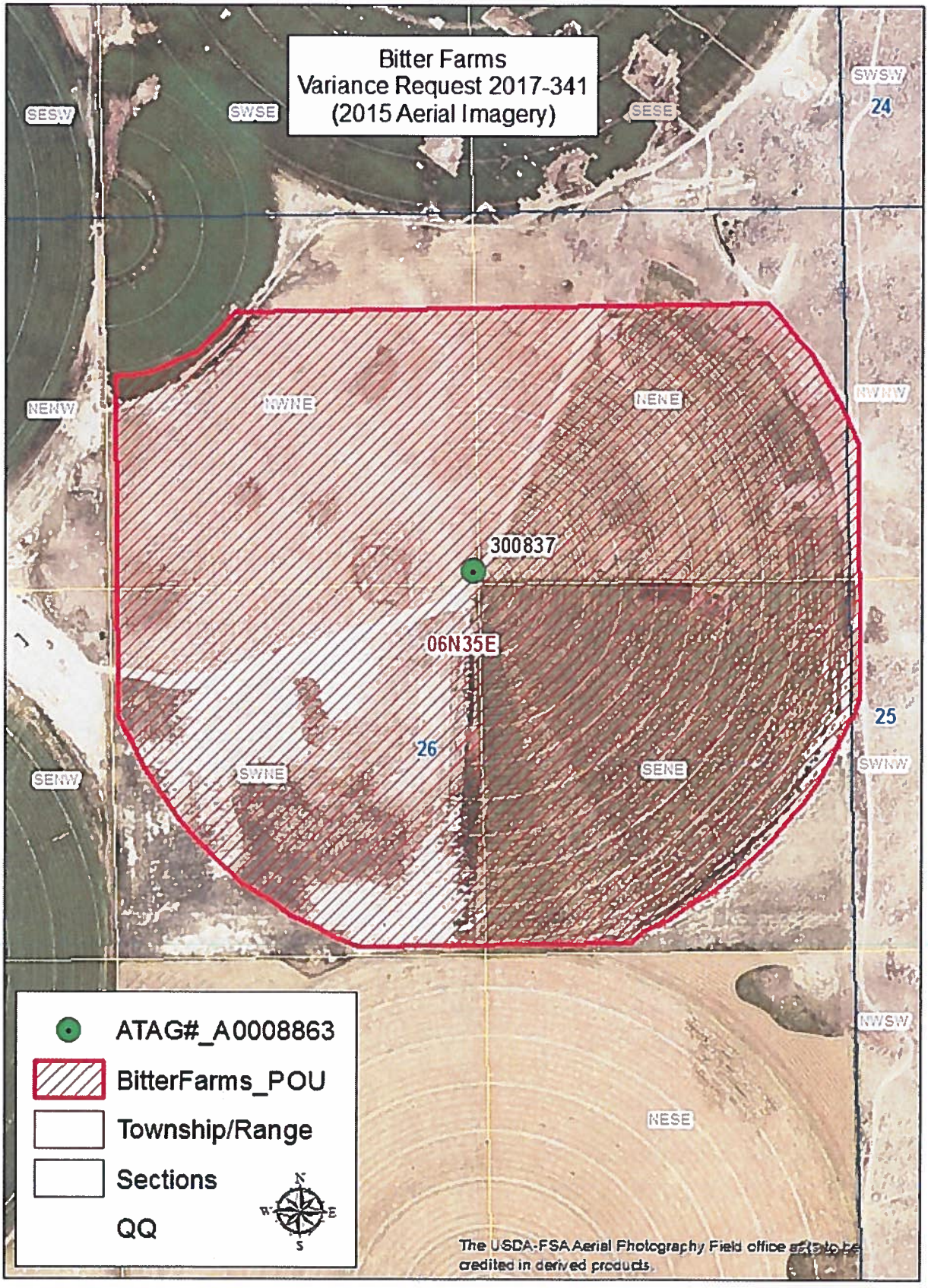
Pursuant to Section 42-1701A(3), Idaho Code, any person aggrieved by any decision, determination, order or action of the Director of the Department or any applicant for any permit, license, certificate, approval, registration, or similar form of permission required by law to be issued by the director, who is aggrieved by a denial or conditional approval ordered by the director, and who has not previously been afforded an opportunity for a hearing on the matter shall be entitled to a hearing before the director to contest the denial or conditional approval upon filing with the director, within fifteen (15) days after receipt of the denial or conditional approval, a written petition stating the grounds for contesting the action by the director and requesting a hearing.

Sincerely,

Brian Ragan

Brian W. Ragan
Water Distribution Section
Email: brian.ragan@idwr.idaho.gov

cc. James Cefalo, Water District 110 Watermaster
File



Map showing the point of diversions and the place of use