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 Mathew Weaver**

May 28, 2024

CLINTON INSKEEP
2874 W 700 S
ABERDEEN, ID

Re: **APPROVED**: Request for Variance to use Power Consumption Coefficient
Tracking Number: 2024-871

Dear Mr. Inskeep,

On April 30, 2024, 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.

Details specific to your diversion (see attached map)
WMIS No.: 600049
Site Tag #: A0007380
Water Rights: 35-2534A, 35-2534B, 35-10478 and 35-11582
Authorized irrigable acres: 108

Reasons for Approval:

- This setup meets the criteria of a simple system
    - This irrigation system consists of a line-shaft turbine pump supplying a full pivot. There is no booster pump, variable frequency drive, corner machine or end gun. No other electrical loads are measured through the power utility demand meter.

Conditions of Approval:

1. This irrigation system and power supply must be operated as described in your Request for Variance to continue to use PCC as a valid measurement method for this well.

2. Prior to making any modifications to your irrigation system, you must contact your Watermaster to determine if this variance would remain applicable.

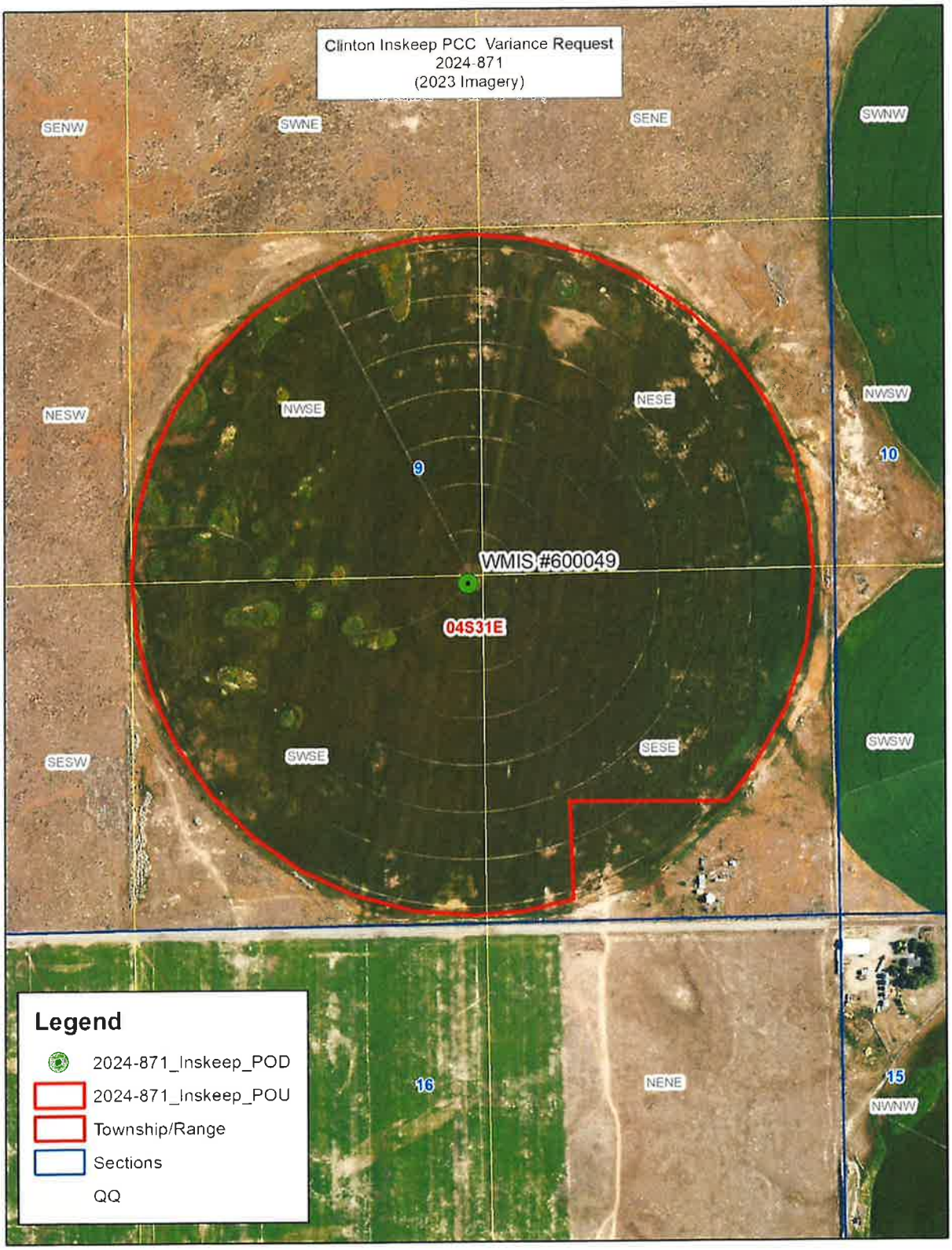
3. Starting in 2024 you must coordinate with a hydrographer, certified water right examiner, or Watermaster to have the Power Consumption Coefficient for this diversion re-calculated at least every three years.

Sincerely,

Brian Ragan

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

cc. Water District 120, Watermaster
File



Map showing the point of diversion and the place of use.

2024-871

version 1.2 - updated 7.18.2017

Idaho Department of Water Resources

REQUEST FOR VARIANCE: IDWR APPROVED FLOW METER INSTALLATION REQUIREMENT

Recieved via email - 4/30/2024

A variance will only be considered or approved for simple systems, open discharge wells, or non-approved flow meters installed prior to the date of an IDWR measurement order. This request must be approved before you may use any alternate measurement method. *Complete one form for each affected well.*

SECTION I: SITE DETAILS

1. Owner/Operator				2. Well Name	
Clinton Inskeep				WMIS 600049	
3. IDWR Site Tag No.	4. Legal Description	4a. Township	4b. Range	4c. Section	5. Water District
6. Reporting District (ground water district, irrigation district, or other entity)					
American Falls - Aberdeen GWD					

SECTION II: MEASUREMENT METHOD

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

☒	7. 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.
☐	8. Hour Meter/Time Clock: One well, constant open discharge, no flow control valves.
☐	9. Existing Operating Flow Meter: Installed prior to the date of the effective order and determined as acceptable by IDWR.
☐	10. Standard Open Channel Device: One or multiple wells, open discharge, device must be read daily or flows must be continuously recorded.

SECTION III: WELL DETAILS

11. Does the well open discharge into a pond or ditch?	☐ Yes[+] *(continue to 13)* ☑ No
12. Is the well interconnected to other wells?	☐ Yes ☑ No
13. What is the pump discharge main line diameter?	~~8~~ 8 inches

SECTION IV: SYSTEM DESCRIPTION

14. Describe the irrigation equipment used with this well (such as center pivot with or without end gun, ¼ mile wheel lines, solid set hand lines, etc.), including the number and length of hand/wheel lines. Describe system as accurately or completely as possible, including different operating conditions if any.

Single seven tower pivot with no endgun.

15. Does your pivot(s) system operate with corner machines?	☐ Yes ☑ No
16. Does your pivot(s) operate with an end gun?	☐ Yes ☑ No *(continue to 18)*
17. Estimate of the percent of time the end gun operates:	_____ % of time
18. Approximate number of acres irrigated by this well:	125 acres

Continued on next page

SECTION V: MEASUREMENT SYSTEM DETAILS

19. Is there a flow meter presently installed on this well?	☑ Yes *(complete 19a – 19d)* ☐ No *(continue to 20)*
19a. Meter Type: FP Mag	19b. Meter Manufacturer: Lindsay
19c. Meter Installation Date	19d. Is the meter operable? ☐ Yes ☑ No
20. Are there multiple pumps or other electrical loads wired to the same electrical demand meter, such as surface water pumps, booster pumps, or pivots?	☐ Yes* *(complete 20a – 20c)* ☑ No *(continue to 21)*
20a. Describe other electrical loads referred to in question 19	
20b. Number of in-line pressure boosters:	_____ boosters
20c. Do in-line pressure boosters *always* run with the well?	☐ Yes* ☐ No
21. Does the system operate with a variable frequency drive?	☐ Yes**(complete 21a)* ☑ No *(continue to 22)*
21a. Frequency drive location:	☐ on booster motor ☐ on well motor ☐ on both
22. Does the well supply water for use other than irrigation, such as commercial or stockwater?	☐ Yes**(complete 22a)* ☑ No *(continue to 23)*
22a. Describe other uses referenced in question 22:	
23. Does the well production decrease over the irrigation season?	☐ Yes* ☑ No
24. Does pumping water level decrease over the irrigation season?	☐ Yes**(complete 24a)* ☑ No†
24a. Approximately how many feet does the water level decrease?	_____ feet

SECTION VI: SYSTEM DIAGRAMS AND MAPS (Required for all variance requests)

Attach a diagram or photos of the wellhead and pumping plant. Include or show locations of all proposed or existing flow meters. Indicate the location of and spacing between boosters, valves, elbows, chemigation ports, etc.

SECTION VII: APPLICANT SIGNATURE AND CONTACT INFORMATION

Clinton Inskeep — Clinton Inskeep — owner

Signature — Print Name — Title (if applicable)

2874 W. 700 S. Aberdee ID.

Mailing Address

208-220-3035 — 4-25-24

Email Address — Phone Number — Date

Return this completed and signed form to:

IDWR Water Distribution Section
PO Box 83720
Boise, ID 83720-0098

** 'Yes' on questions 20 – 24 indicates a system that is an unlikely candidate for Power Consumption Coefficient (PCC) method of measurement. A flow meter must be installed.*

† 'Yes' on question 11 and 'No' on question 24 indicates a system that may be a candidate for an hour meter measurement method.