

IOWA DEPARTMENT OF NATURAL RESOURCES

WATER USE PERMIT

Permit issued to:	Permit Number:	4904-R6
MARY HARRIS	Effective:	03/30/2021
	Expires:	03/29/2031

The Permittee is authorized to:

withdraw water from two Missouri River alluvial wells, about 96 feet and 106 feet deep, located near the center of the SE $\frac{1}{4}$ of Section 27 and the center of the SW $\frac{1}{4}$ of Section 26, both in T84N, R45W, Monona County, Iowa, in the maximum quantity of 400 acre-feet per year at a maximum rate of 1800 gallons per minute during the period April 1 to September 30 of each year for irrigation of 320 acres of general farm crops on land generally described as the SW $\frac{1}{4}$ of Section 26 and the SE $\frac{1}{4}$ of Section 27, all in T84N, R45W, Monona County, Iowa.

This authorization to withdraw water has been granted pursuant to the provisions of Part 4 of Division III of Chapter 455B, Code of Iowa, and Chapters 50, 51, and 52 of Part 567, Iowa Administrative Code, and is further subject to the general permit conditions within this permit.

Conditions of this permit may be appealed as provided in rule 567 IAC 50.9, Iowa Administrative Code. Appeal must be in writing and must be received at the Iowa Department of Natural Resources, Water Supply Engineering Section, 502 E 9th Street, Des Moines, Iowa 50319-0034 within thirty days of the date of the certification of the mailing of the permit.

FOR THE DIRECTOR:

By: Heidi M. Cline Digitally signed by Heidi Cline
Date: 2021.02.09 14:45:09 -06'00' Date Executed: February 9th, 2021

cc: Field Office No. 4 - ATLANTIC
Permit File

CERTIFICATE OF MAILING

On the date shown below, a copy of the foregoing permit was mailed to the Permittee and to each person entitled to receive a copy as provided by rule 567--50.8(2), Iowa Administrative Code.

Certified by (initials):

CR

Date:

2/15/21

GENERAL PERMIT CONDITIONS

1. Permittee shall maintain accurate and up-to-date records of monthly water use from each authorized source and submit them annually to the Department.
2. Permittee may be required to submit other information related to the regulation of this use of water as directed by the Department.
3. Permittee shall be responsible for securing and complying with all applicable provisions of state law, the rules and regulations of this Department, and of all federal and local health and water pollution control agencies in the operation of this facility.
4. Permittee shall be responsible for notifying the Department when there are changes to any conditions and authorizations given in this permit, including additional water source(s), well(s), intake(s), an expansion of the facility, or any other listed condition.
5. Permittee shall construct, maintain, and monitor observation wells as directed by the Department to define the effects of Permittee's water withdrawals on groundwater resources or on other water users who might be affected by the withdrawals authorized herein.
6. Each well authorized as a source of water in this permit must be constructed to allow for accurate measurement of water levels.
7. Withdrawals from permitted wells may be made only after the Permittee has made the following information available to the Department: well location(s), well log(s), and results of yield tests. Required chip samples shall be submitted to the Iowa Geological Survey.
8. Prior to April 1 each year, the Permittee shall be responsible for accurately measuring the distance to water (static water level) in the permitted well(s). These records shall be submitted annually to the Department.
9. Permittee shall not apply fertilizers, pesticides or other materials through any irrigation system unless the system is equipped with an automatic check valve or comparable device, to prevent such materials from entering the source of irrigation water. Permittee shall conduct frequent inspections for the proper functioning of the check valve to prevent back siphoning of contaminants into the water source as required in Chapter 52.2(1)"e" of Part 567, Iowa Administrative Code.

10. Irrigation shall not be allowed on those areas with slopes greater than six (6) percent until a soil-conservation plan is prepared with the assistance of the Natural Resource Conservation Service. The plan shall be accompanied by the applicant's written statement, explaining how the plan and the operation of the irrigation system are compatible. After its submission, irrigation under this permit is contingent upon Permittee's compliance with the soil conservation plan.
11. Permittee shall submit to the Department within 90 days of being notified by the Department or no later than the expiration date of this permit, whichever first occurs, a plan for implementing routine day-to-day water conservation measures and for implementing emergency water conservation measures during periods of water shortage. Until such a plan has been submitted to and approved by the Department, Permittee shall implement those emergency water conservation measures determined to be necessary by the Department pursuant to Iowa Code Sections 455B.265 and 455B.266.
12. This permit supersedes Water Use Permit No. 4904-R5.

CAVEAT

Permittee is advised that pursuant to Section 455B.271, Code of Iowa, the authority to withdraw water provided by this permit may be modified, canceled or suspended in case of any breach of the terms or conditions herein, in case of any violation of state law pertaining to the permit, or if found necessary to prevent substantial injury to private or public interests.

SUMMARY REPORT

Permittee has applied to renew an existing permit that presently authorizes the requested withdrawals of water. The requested use of water conforms to the relevant criteria in Part 4 of Division III of Chapter 455B, Code of Iowa, and the relevant criteria and conditions in Chapter 52 of Part 567, Iowa Administrative Code.