

**NOTICE OF INTENT TO GRANT A PERMIT
AUTHORIZING THE USE OF WATER
FOR GENERAL AGRICULTURAL PURPOSES
IN MONONA COUNTY, IOWA**

Notice is hereby given that pursuant to Iowa Code Chapter 455B, there is now on file with the Iowa Department of Natural Resources, 6200 PARK AVE., Des Moines, Iowa 50321, an application as described below.

Peter Alexander, Iowa DNR Log No. 34,247, requests a permit authorizing withdrawal of water from one new Missouri River alluvial aquifer well, each approximately 105 feet deep, located on land generally described as Section 30 and Section 31, T83N, R45W, all in Monona County, Iowa, in the maximum quantity of 140 acre-feet per year at a maximum pumping rate of 800 gallons per minute during the period April 1 to September 30 of each year for irrigation of up to 140 acres of general farm crops, located on said land.

The Department has determined that this use of water conforms to the relevant criteria (Iowa Code Chapter 455B and Iowa Administrative Code Chapter 567) and recommends the permit be granted. A copy of the summary report for the application is available upon request to the Department at the address listed above. Comments on the report and this use of water must be received by MARCH 02, 2026, and should specify the log number.

(By Michael K. Anderson, P.E., Senior Environmental Engineer)

**IOWA DEPARTMENT OF NATURAL RESOURCES
WATER USE PERMIT SUMMARY REPORT**

Applicant: Peter Alexander

Application Log No.: 34,247

Peter Alexander, Iowa DNR Log No. 34,247, requests a permit authorizing withdrawal of water from one new Missouri River alluvial aquifer well, each approximately 105 feet deep, located on land generally described as Section 30 and Section 31, T83N, R45W, all in Monona County, Iowa, in the maximum quantity of 140 acre-feet per year at a maximum pumping rate of 800 gallons per minute during the period April 1 to September 30 of each year for irrigation of up to 140 acres of general farm crops, located on said land.

This proposed permit modification represents the incorporation of an alluvial well into the applicant's Missouri River alluvial wellfield, for a long-standing use of water at the above-referenced agricultural facility. This is to facilitate increased crop production.

1. According to information submitted by the applicant, the water source consists of existing Missouri River alluvial wells. The well is approximately 105 feet deep, with 16-inch diameter casing, and 800 gallon per minute capacity pump. Irrigation to these general crops (primarily corn and soybeans) is supplied by a center pivot apparatus, to be located in the vicinity of the well site.

Water is abundantly available in this portion of Monona County comprising the "Missouri River" bottomland area. The alluvial source of the Missouri River is quite plentiful according to Departmental records and experience with this formation.

2. According to information available to the department, the nearest water user requiring the diversion of water in sufficiently large proportions to require a water use permit is located in excess of 1 mile to the northeast from said applicant's proposed withdrawal site. All other nearest users are in excess of 1 ½ miles from the applicant's withdrawal site. Whereas the users are a significant distance apart as to prevent the likelihood of interference, the Department does not anticipate any negative impacts upon any nearby users (who currently hold an active water use permit with the Department) as a result from the proposed withdrawal from the applicant.
3. Iowa Geological Survey records, and information submitted by the applicant, indicate the nearest known neighboring non-regulated users are located in excess of ¼ mile from the applicant's proposed withdrawal site. These private wells are likely of similar depths to the applicant's, or shallower, mostly located in the Missouri River alluvial. Whereas the users are a significant distance apart as to prevent the likelihood of interference, the Department does not anticipate any negative impacts upon any nearby users as a result from the proposed withdrawal from the applicant. In any event, the interests of individuals using water for domestic purposes, as well as those persons benefiting from existing permits, are amply protected, in the event of substantial injury, pursuant to Section 455B.271, Code of Iowa.
4. The applicant is devoting a reasonable amount of water to a beneficial use (Facilitating of general crop production, i.e. corn and soybeans). There is no evidence that the use of water pursuant to a permit granted in accordance with the conclusions contained herein will constitute a waste of the water resources of the State, will be incompatible with the state comprehensive plan for water resources, will impair the effect of pollution control laws of this State or the navigability of and navigable watercourse, or will be detrimental to the public interest or to the interests of property owners with prior or superior rights who might be affected.

THEREFORE:

The requested use of water conforms to the relevant criteria in Division III, Part 4, Chapter 455B, Code of Iowa and Chapter 52 of Part 567, Iowa Administrative Code. No adverse effect upon other water users is foreseen at this time. No well interference has been noted. Following publication of notice and subject to revisions in response to comments that may be submitted, the attached draft permit should be issued for a period of ten years.

Water Supply Engineering Section

Date:

IOWA DEPARTMENT OF NATURAL RESOURCES

WATER USE PERMIT

Permit issued to:

PETER ALEXANDER
23254 270TH ST
ONAWA IA 51040

Permit Number:

XXXX

Effective:

XXXX

Expires:

XXXX

The permittee is authorized to:

withdraw water from one newly-drilled Missouri River alluvial well, approximately 105 feet deep, located on land generally described as Section 30 and Section 31, T83N, R45W, all in Monona County, Iowa, in the maximum quantity of 140 acre-feet per year at a maximum pumping rate of 800 gallons per minute during the period April 1 to September 30 of each year for irrigation of up to 140 acres of general farm crops, primarily corn and soybeans, located on said land as generally described above.

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 Chapter 50 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 567-50.9, Iowa Administrative Code. Appeal must be in writing and must be received at the Department of Natural Resources; 6200 Park Avenue, Suite "200"; Des Moines, Iowa 50321 within thirty days of the date of the certification of the mailing of the permit.

FOR THE DIRECTOR:

By: _____ Date Executed: _____

cc: Field Office No. 4 {Atlantic} (mka)

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): _____ Date: _____

GENERAL PERMIT CONDITIONS

1. Permittee shall maintain accurate and up-to-date records of water use from said sources and submit them annually to the department. Additional records on pumping rates from said sources and other data related to the regulation of this use of water shall be maintained and submitted as directed by the department.
2. Permittee shall be responsible for compliance with all applicable provisions of state law and the rules and regulations of this department and of federal and local health and water pollution control agencies in the operation of said irrigation well and the disposal of its wastes.
3. Permittee shall be responsible for securing such other permits or approvals as may be required by this department, federal, or local governmental agencies for the operation of said well or the discharge of water or other materials due to this operation.
4. 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.
5. Once each spring prior to March 31, the permittee shall be responsible for accurately measuring the distance(s) to water (static water level) from the access port in all permitted wells. The distance to water shall be submitted to the department annually as part of the records of water use.
6. Each proposed or replacement well authorized as a source of water in this permit must be equipped with an access port having a minimum diameter of three-fourths inch. The access port must be equipped with a threaded cap or plug. The access port must be located to allow insertion of a steel tape or electric probe into the well casing for measurement of water levels.
7. 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.

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.