

**NOTICE OF INTENT TO MODIFY A PERMIT  
AUTHORIZING THE USE OF WATER  
FOR GENERAL MUNICIPAL-TYPE PURPOSES  
IN TAMA 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, Water Supply Engineering Section, 6200 Park Avenue, Suite '200" Des Moines, Iowa 50321 an application as described below.

The Poweshiek Water Association, Iowa DNR Log No. 34,550, requests a modified permit authorizing withdrawal of water from 17 existing alluvial wells and five newly-constructed alluvial wells, each approximately 50 feet deep, on land generally described as the NW  $\frac{1}{4}$  of Section 2 and the NE  $\frac{1}{4}$  and SW  $\frac{1}{4}$  of Section 3, and five newly constructed alluvial wells, approximately 30 to 36 feet deep, on land generally described as the NE  $\frac{1}{4}$  of Section 4, all in T82N, R15W, Tama County, Iowa, in the maximum quantity of 1.2 billion gallons per year at a maximum rate of 3,350 gallons per minute throughout each year for municipal and rural purposes within the boundaries of the Poweshiek Water Association District, covering all of Tama, Poweshiek, and Iowa Counties and portions of Benton, Mahaska, Marshall, Black Hawk, Jasper, Keokuk, and Grundy Counties all in Iowa, consistent with those established service boundaries and with other provisions of law.

This permit modification entails the construction of five new production wells to increase well redundancy, as referenced above.

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 a request to the Department at the address listed above. Comments on the report and on this use of water must be received by May 29, 2026, and should be addressed "ATTN.: Water Supply Engineering Section" and should specify the applicant's log number.

(By Michael K. Anderson, P.E., Water Supply Engineering Section)

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

Applicant: Poweshiek Water Association

Application Log No.: 34,550

The Poweshiek Water Association, Iowa DNR Log No. 34,550, requests a modified permit authorizing withdrawal of water from 17 existing alluvial wells and five newly-constructed alluvial wells, each approximately 50 feet deep, on land generally described as the NW ¼ of Section 2 and the NE ¼ and SW ¼ of Section 3, and five newly constructed alluvial wells, approximately 30 to 36 feet deep, on land generally described as the NE ¼ of Section 4, all in T82N, R15W, Tama County, Iowa, in the maximum quantity of 1.2 billion gallons per year at a maximum rate of 3,350 gallons per minute throughout each year for municipal and rural purposes within the boundaries of the Poweshiek Water Association District, covering all of Tama, Poweshiek, and Iowa Counties and portions of Benton, Mahaska, Marshall, Black Hawk, Jasper, Keokuk, and Grundy Counties all in Iowa, consistent with those established service boundaries and with other provisions of law.

This permit modification entails the construction of five production wells to increase well redundancy, as referenced above.

The requested modification includes the addition of wells, all in the general vicinity of the applicant's existing wellfield. This modification request does not represent an increase in the maximum pumping rate or maximum annual quantity as currently authorized by the applicant's existing water use permit.

The analysis indicates that the requested amount of water is available, and can be used in a beneficial way.

1. Current withdrawals are taken from 17 existing wells. Said wells draw water from the alluvial deposits associated with the Iowa River Drainage Basin system. The alluvial plain is approximately 2 ½ miles wide and has a drainage area of about 2,000 square miles. Under normal conditions the aquifer, being associated with a very large drainage basin system, will not be subject to significant depletion or experience an extended cone of depression as a result of water withdrawals made at this magnitude and rate.
2. The nearest neighboring water users requiring the diversion of water in sufficiently large proportions to require a water use permit are located in excess of ½ mile north and across the Iowa River from the applicant's existing and newly constructed withdrawal sites. These neighboring water users are Tam Paperboard (Permit No. 43) and the City of Tama (Permit No. 1901). Tama Paperboard withdraws water from the Jordan Aquifer and the City of Tama withdraws water from the local alluvial aquifer. Whereas, these neighboring wells are located across the hydrogeological divide created by the Iowa River from the applicant, the alluvial aquifer from which the applicant draws water represents a generally plentiful source, and the Jordan Aquifer is a separate hydraulic unit, it is improbable that these neighboring users will note any well interference effects whatsoever from the applicant's increase in withdrawal sites.
3. According to the most recently available records, the nearest known neighboring non-regulated user (private) is located in excess of 1 mile from the applicant's withdrawal sites. According to information submitted by the applicant, the nearest known neighboring non-regulated user (private) is located in excess of ¼ mile from the applicant's withdrawal sites. Whereas there have not been any known complaints filed on record with the department since the applicant's original permit has been issued, the users are a significant distance apart as to prevent the likelihood of interference, and the generally high availability of water in this alluvial plain, the Department does not anticipate any negative impacts upon any nearby users as a result from the modified 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. Thus, the increase in the number of wells and the currently authorized withdrawal amount appears to be justified by law, barring compelling circumstances that mitigate to the contrary. The department has received no allegations of public or private damage resulting from the use of water authorized under predecessors to this permit since the original permit was granted. The ability and intent of the applicant to use a reasonable amount of water beneficially is evident. The applicant already is devoting a reasonable amount of water to a beneficial use (municipal use, drinking, and human sanitation). The amount and rate requested by the Applicant thus appear to be justified by law.
5. 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 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 navigable watercourses, 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 substantial adverse effect upon other water users is foreseen at this time. 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.

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Water Supply Engineering

May 04, 2026

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

Permit issued to:	Permit Number:	5864-M6
POWESHIEK WATER ASSOC		
CHAD COBURN	Effective:	mm/dd/yyyy
125 INDUSTRIAL DR, PO BOX 504		
BROOKLYN IA 52211-0504	Expires:	mm/dd/yyyy

The permittee is authorized to:

withdraw water from 17 existing alluvial wells and five newly-constructed alluvial wells, each approximately 50 feet deep, on land generally described as the NW ¼ of Section 2 and the NE ¼ and SW ¼ of Section 3, and five newly constructed alluvial wells, approximately 30 to 36 feet deep, on land generally described as the NE ¼ of Section 4, all in T82N, R15W, Tama County, Iowa, in the maximum quantity of 1.2 billion gallons per year at a maximum rate of 3,350 gallons per minute throughout each year for municipal and rural purposes within the boundaries of the Poweshiek Water Association District, covering all of Tama, Poweshiek, and Iowa Counties and portions of Benton, Mahaska, Marshall, Black Hawk, Jasper, Keokuk, and Grundy Counties all in Iowa, consistent with those established service boundaries and with other provisions of law.

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 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: mm/dd/yyyy  
(mka)

cc: Field Office No. 5  
File: CON 3-9, No. 5864

**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 by means of water meters and submit them annually to the department. Additional records on pumping rates from said sources, water levels in said wells, 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 its water supply facilities and in the disposal of its wastes.
3. Permittee is 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 water supply facility 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. Existing wells shall not be replaced without notifying the Iowa Department of Natural Resources. Changes to the location, depth, source aquifer, or other physical features of said wells may require that this permit be modified to accommodate the changes.
7. With respect to each proposed or replacement well authorized as a source of water in this permit, withdrawals of water may be made only after the permittee has made the following information available to the Iowa Geological Survey: well location, well log, casing and grouting schedule, results of yield tests, and cutting samples.
8. 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. Any future well that is constructed to replace an existing well which is authorized for use by this permit must also be equipped with such an access port.
9. Permittee shall cooperate with representatives of the department to determine that the authorized withdrawals do not violate the flow restriction imposed herein.
10. Permittee must apply to renew this water use permit using the appropriate DNR form prior to the expiration date of the current permit version.
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. 5864-M5.

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.