

**NOTICE OF INTENT TO MODIFY A PERMIT
AUTHORIZING THE USE OF WATER
FOR MUNICIPAL-TYPE PURPOSES
IN POTTAWATTAMIE 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 City of Macedonia, Iowa DNR Log Number 34,372, requests one modified municipal-type water use permit authorizing withdrawals of water from three existing and one proposed West Nishnabotna River alluvial aquifer wells, approximately 39-50 feet deep, on land generally described as the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 22, T74N, R40W, Pottawattamie County, Iowa, in the maximum quantity of 15.2 million gallons per year at a maximum rate of 150 gallons per minute throughout each year for municipal purposes within and without the permittee's corporate limits consistent with its municipal distribution system and other provisions of law.

This permit modification represents the addition of one new service well (alluvial well) is being added, as detailed above.

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

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 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 March 30, 2026, and should be addressed "ATTN.: Water Supply Engineering Section" and should specify the applicant's log number.

(By Michael K. Anderson, P.E.)

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

Applicant: City of Macedonia

Application Log No.: 34,372

The City of Macedonia, Iowa DNR Log Number 34,372, requests one modified municipal-type water use permit authorizing withdrawals of water from three existing and one proposed West Nishnabotna River alluvial aquifer wells, approximately 39-50 feet deep, on land generally described as the NE ¼ of the NE ¼ of Section 22, T74N, R40W, Pottawattamie County, Iowa, in the maximum quantity of 15.2 million gallons per year at a maximum rate of 150 gallons per minute throughout each year for municipal purposes within and without the permittee's corporate limits consistent with its municipal distribution system and other provisions of law.

This permit modification represents the addition of one new service well (alluvial well) is being added, as detailed above.

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

1. The increased water allowance is to accommodate increased needs. The city's water use has slowly increased over the past few years due to increased population. The City's annual usage in 2000 was 12.2 million gallons, which exceeds the maximum annual withdrawal authorized as per the existing permit. Macedonia, has a population of 500, thus the per capita water usage will be approximately 83.2 gpcd.
2. The water source consists of three existing wells, approximately 35 feet deep, which pump from the Unconsolidated aquifer. One new well is being added. Under normal conditions, the aquifer will not be subject to depletion or experience an extended cone of depression as a result of water withdrawals made at this magnitude and rate.
3. The nearest neighboring water user requiring the diversion of water in sufficiently large proportions to require a water use permit is the Schildberg Construction Company, Inc. (Water Use Permit #1207) located in excess of 0.5 miles north and west of the applicant's withdrawal site and involves the use of water from a quarry and West Nishnabotna River, for processing of limestone products. Whereas there is a significant distance between the two users, whereas the two users use different sources, there should be no negative impacts upon the processing operations of the Schildberg Construction Company, Inc., resulting from the City of Macedonia's increased withdrawals of groundwater at the site in question.
4. The next-nearest neighboring water user requiring the diversion of water in sufficiently large proportions to require a water use permit is City of Carson (Water Use Permit #6221) located nearly 1.2 mile south of applicant's withdrawal site, and involves the use of water for municipal purpose. Whereas there is a very significant distance between the two users, there can be no negative impacts created by said increased annual allowance on this distant neighboring user.
5. Based on the relatively low maximum annual water allowance and pumping rate requested by the permittee, it is unlikely that persons utilizing private (non-regulated) water wells in the vicinity of the applicant and utilizing a similar aquifer would experience any significant impacts from the proposed withdrawal increases by the applicant. In any event, the interests of individuals using water for domestic purposes, as well as those persons benefiting from the permits mentioned above, are amply protected, in the event of substantial injury, pursuant to Section 455B.271, Code of Iowa.

6. Whereas the Department has received no allegations of public or private damage resulting from the use of water authorized under the predecessors to this permit since the original permit was granted in February, 1986, the increased amount is justified by law, barring compelling circumstances that mitigate to the contrary.
7. The applicant is devote a reasonable amount of water to a beneficial use (municipal use, drinking, and human sanitation). 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: February 24, 2026

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

Permit issued to:	Permit Number:	6186-M6
CITY OF MACEDONIA	Effective:	XXXXX
PO BOX 33	Expires:	XXXXX
MACEDONIA IA 51549-0033		

The Permittee is authorized to:

withdraw water from three existing and one proposed West Nishnabotna River alluvial aquifer wells, approximately 39-50 feet deep, on land generally described as the NE ¼ of the NE ¼ of Section 22, T74N, R40W, Pottawattamie County, Iowa, in the maximum quantity of 15.2 million gallons per year at a maximum rate of 150 gallons per minute throughout each year for municipal purposes within and without the permittee's corporate limits consistent with its municipal distribution system and 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 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 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, 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:	XXXXX
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): _____ Date: _____

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. Permittee shall be responsible for accurately measuring depth to water under non-pumping (static) conditions, depth to water under pumping conditions, and pumping rate(s) for all active wells listed in this permit, at a minimum of one measurement per year. These records shall be submitted annually to the Department.
9. 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.
10. This permit supersedes Water Use Permit No. 6186-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.