



IOWA DEPARTMENT OF NATURAL RESOURCES

WATER USE PERMIT

Permit issued to: MUSCATINE MUNICIPAL AIRPORT
215 SYCAMORE ST
MUSCATINE IA 52761-3839

Permit Number: 5950-R3

Effective: 05/21/2015

Expires: 05/20/2025

The permittee is authorized to:

withdraw water from one existing alluvial well, approximately 40 feet deep, on land generally described as the S 1/2 of the NE 1/4 and the N 1/2 of the SE 1/4 of Section 24, T76N, R3W, Muscatine County, Iowa, in the maximum quantity of 97.5 acre-feet per year, at a maximum rate of 700 gallons per minute during the period April 1 to September 30 of each year for irrigation of 65 acres of general farm crops on said land.

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--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 St., Des Moines, IA 50319-0034, within thirty days of the date of the certification of the mailing of the permit.

FOR THE DIRECTOR:

By: Charlote Refaugu Henderson Date Executed: March 10, 2016
(cjlh)

cc: Field Office No. 6 - Washington
File CON 3-9, Permit No. 5950

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: 3/14/2016

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, 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 securing such other permits or approvals as may be required by this department, federal, or local governmental agencies for the operation of said irrigation system or the discharge of water or other materials due to this operation.
3. Permittee is 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 irrigation system and in the disposal of its wastes.
4. 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.
5. 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 Geological Survey Bureau: well location, well log, casing and grouting schedule, results of yield tests, and cutting samples.
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. 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.
7. 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.
8. 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 Resources Conservation Service (N.R.C.S.) and submitted to this department. The plan shall be accompanied by the applicant's written statement, explaining how the plan and the operation of the irrigation system are compatible.

9. 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.
10. Once each spring at a time before water is first withdrawn for use, 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.
11. Permittee shall cooperate with representatives of the department to determine that the authorized withdrawals do not violate the flow restriction imposed herein.
12. 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.
13. This permit supersedes Water Use Permit No. 5950-R2.

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 Chapter 52 of Part 567, Iowa Administrative Code. 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.