

**NOTICE OF INTENT TO MODIFY A PERMIT
AUTHORIZING THE USE OF WATER
FOR INDUSTRIAL-TYPE PURPOSES
IN CARROLL 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 Av., Suite 200, Des Moines, Iowa 50321 an application as described below.

Landus Cooperative, Iowa DNR Log Number 34,761, requests a newly modified industrial water use permit authorizing withdrawals of two existing and one new Pleistocene sand and gravel wells, about 160 feet deep, located in the SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 36, T84N, R33W, Carroll County, Iowa, in the maximum quantity of 40.0 million gallons per year at a maximum rate of 90 gallons per minute, throughout the year each year for use as production water for processing primarily soy products, on land generally described as the NW $\frac{1}{4}$ of Section 36, T84N, R33W, Carroll County, Iowa.

The Department has determined that this use of water conforms to the relevant criteria (Iowa Code Chapter 455B and Iowa Administrative Code Chapter 50-567) 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 **September 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.)

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

Applicant: Landus Coop - Carroll

Application Iowa DNR Log No.: 34,761

Landus Cooperative, Iowa DNR Log Number 34,761, requests a newly modified industrial water use permit authorizing withdrawals of two existing and one new Pleistocene sand and gravel wells, each about 160 feet deep, located in the SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 36, T84N, R33W, Carroll County, Iowa, in the maximum quantity of 40.0 million gallons per year at a maximum rate of 90 gallons per minute, throughout the year each year for use as production water for processing primarily soy products, on land generally described as the NW $\frac{1}{4}$ of Section 36, T84N, R33W, Carroll County, Iowa.

The source of water and the land in question are located just northwest of the corporate limits of the City of Ralston, in Carroll County. The aquifer in this area is an unidentified sand and gravel aquifer which may include Pleistocene sand and gravel and/or Cretaceous sandstone of the Dakota Group. A pump test was conducted on July 16-18, 1979 due to complaints of interference regarding water use permit # 4155. It was concluded that there was no conclusive evidence to indicate interference. This minor increase in water should have no appreciable effect. The overall capacity of the aquifer is ample. The (proposed) withdrawal of water in this case is extremely minimal compared to the capacity of the aquifer. It will not affect any nearby permittee in any material way.

1. The nearest neighboring water users requiring the diversion of water in sufficiently large proportions to need a water use permit are the City of Ralston's well located approximately $\frac{1}{2}$ mile southeast, and water use permit # 4155 located approximately 1 mile east of the applicant's proposed well site. IDNR does not anticipate any substantial impacts on these two neighboring users resulting from the proposed withdrawal which the Applicant has applied for. Each is sufficiently distant from this withdrawal site so as to preclude substantial impacts.
2. Information provided by the Applicant, reveals two nearby water users for domestic purposes. The first is located approximately $\frac{1}{3}$ mile north, the second is located approximately $\frac{1}{3}$ mile northeast of the Applicant's proposed well. 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.
3. The applicant is devoting a reasonable amount of water to a beneficial use (industrial usage- soy product production, which is a net economic benefit to the applicant and Iowa citizens). 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. The requested increase in amount of water use is also justified by law, barring compelling circumstances that mitigate to the contrary.

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.

Water Supply Engineering Section
Date: August 31, 2026

IOWA DEPARTMENT OF NATURAL RESOURCES

WATER USE PERMIT

Permit issued to:

Permit Number: 8917-M5

CHASE HUNTER
LANDUS COOPERATIVE
2321 N LOOP DR STE 220
AMES IA 50010-8218

Effective: yyyyyy

Expires: yyyyyy

The Permittee is authorized to:

withdraw water from two existing and one new Pleistocene sand and gravel wells, each about 160 feet deep, located in the SE ¼ of NW ¼ of Section 36, T84N, R33W, Carroll County, Iowa, in the maximum quantity of 40.0 million gallons per year at a maximum rate of 90 gallons per minute, throughout the year each year for use as production water for processing primarily soy products, on land generally described as the NW ¼ of Section 36, T84N, R33W, Carroll 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 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, 6200 PARK AVE., 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: xxxx

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): mka Date: xxxx/2026

GENERAL PERMIT CONDITIONS

1. Permittee shall maintain accurate and up-to-date records of water use from said source and submit them annually to the department. Additional records on pumping rates from said source, 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 agricultural processing facility 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 processing facility and in the disposal of its wastes.
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. Water withdrawn pursuant to this permit shall be discharged into the designated water body listed in your NPDES Permit #1400106 and shall be of suitable quality.
6. Once each spring prior to March 31, the Permittee shall be responsible for accurately measuring the distance to water (static water level) from the access port in the permitted wells. The distance to water shall be submitted to the department annually as part of the records of water use.
7. 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.
8. 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.
9. 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.
10. 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.
11. This permit supersedes Water Use Permit No. 8917-m4.

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.