



ILLINOIS ENVIRONMENTAL PROTECTIONS AGENCY
DIVISION OF PUBLIC WATER SUPPLIES ◀▶ Permit Section
1021 North Grand Avenue, East ◀▶ Springfield, Illinois 62794-9276

APPLICATION AND INSTRUCTIONS FOR ALGAEICIDE PERMIT

INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM

Introduction

In order to simplify the preparation and submission of permit applications, this form is provided for applicants desiring an Algaecide Permit pursuant to the requirements of 35 Ill. Adm. Code 602.

The procedures involving the use of this form as adopted under authority granted by Section 39,

1.0 General Instructions

1.1 Send two (2) sets of the completed application form to:

Illinois Environmental Protection Agency
Division of Public Water Supplies
Permit Section
P.O. Box 19276
Springfield, IL 62794-9276

1.2 The completed applications should be submitted as early in the year as possible, preferably during January or February. This will allow ample time for review and permit issuance.

1.3 Algaecide permits shall be valid for the period stated in the permit, but in no case longer than five years.

1.4 After any algaecide permit is issued, and before the permit expires by its stated terms, if there is any major change either in the operation of the public water supply, or in algae growth, which affects the use of copper sulfate as outlined in the permit, the public water supply shall submit an application for modification of its permit. This application shall contain all of the information required to obtain an Algaecide Permit.

1.5 Copper sulfate treatment must not be initiated until the applicant has received an Algaecide Permit from this Agency.

2.0 Specific Instructions

Algaecide permits are issued for copper sulfate treatment of waters in specific streams and impoundments. For the First Algaecide Permit Application, all information in items 1 through 21 must be provided. The initial submission will provide the Agency with a database, which will be used for future permit applications. If Algaecide Permits have been obtained previously, see item 2.2.

2.1 Items 8, 9, 10, and 11; This information must be provided. However, if there is difficulty in obtaining the information, the Regional personnel of the Division of Public Water Supplies may be contacted for assistance.

2.2 If the applicant has previously obtained an algaecide Permit from this Agency, items 1, 2, 6, 20, and 21 must be completed. However, items 3, 4, 5, and 7 through 15 may be answered by inserting "same" in the appropriate space, unless there will be a change from the information contained in the previous permit application. The information requested in items 16, 17, and 18 need only reflect the applicant's experience since the most recent Algaecide Permit was issued.

2.3 If there are any significant changes to the feeder stream or the impoundment, or if different feeder streams or impoundments are used to provide raw water, an Algaecide Permit Application form must be completed in its entirety.

Title 10 of the Environmental Protection Act, which in part states that the Agency shall adopt such procedures as are necessary to carry out its duties under this Section.

This form will serve as a guide for the applicants in completing their application properly and will greatly expedite review of the application by personnel of the Permit Section.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES • PERMIT SECTION
P.O. BOX 19276 • SPRINGFIELD, IL 62794-9276

APPLICATION FOR ALGAECIDE PERMIT

1. Name of Public Water Supply: _____
2. Municipality or Township: _____
3. Name of feeder stream from which raw water is obtained: _____
4. Name of impoundment from which water is obtained: _____
5. Location of impoundment or intake: quarter, _____, Section _____
Range _____ Township _____
6. Has an IEPA Algaecide Permit been obtained previously: Yes No
Algaecide Permit No. _____-FY _____; Date _____

IMPORTANT: Read specific instruction, Item 2.2, before continuing.

7. Level at which water is being obtained: _____ Feet below top of inlet structure.
8. Surface area of impoundment: _____ acres.
9. Average depth of impoundment: _____ feet.
10. Maximum depth of impoundment: _____ feet.
11. Volume of impoundment: _____ gallons (acre-feet, cubic feet, etc.).
12. Approximate number of copper sulfate treatments to be made during the algae season:

13. Amount of copper sulfate to be used for each treatment: _____ pounds.
14. Approximate time interval between each treatment: _____ days.

19. Water Samples:

A total of four water samples are required and must be collected for each copper sulfate application. Sample bottles will be provided by the Agency upon request. After all the samples are collected, they are to be submitted together to the Illinois Environmental Protection Agency laboratory within five days. Water samples are to be collected at the following locations and times.

- (1) One sample before treatment from an area representative of the reservoir other than the raw water intake and which will receive a normal copper sulfate dosage.
- (2) One sample from the same location as that in (1) above, collected immediately after copper sulfate treatment.
- (3) One sample from the same location as that in (1) above, collected approximately 24 hours following copper sulfate treatment.
- (4) One sample from the raw water intake, collected approximately 24 hours following copper sulfate treatment.

20. Certified Water Supply Operator in responsible charge of copper sulfate applications.

Name of Certified Operator _____

Certified Class _____ Certificate Expiration Date _____

Signature _____ Date _____

Title _____

21. Certificate by Owner(s) or Official Custodian(s) of the Public Water Supplies (or agent)

I(We) hereby certify that the information contained in this application is true and correct to the best of my (our) knowledge and that representative water samples will be collected from the impoundment and submitted to the Illinois Environmental Protection Agency laboratory for analyses in accordance with item 19 of the application.

Name of Public Water Supply _____

Street _____ City _____ State _____ Zip Code _____

Signature _____

Title _____

FOR IEPA USE ONLY

This application, when approved by the Illinois Environmental Protection Agency, constitutes the Algaecide Permit.

This Permit is issued under authority granted by 35 Ill. Adm. Code 602.

This Algaecide Permit, No. _____-FY_____ is issued on _____ and is valid until _____. This permit is valid only for the stream and impoundment named in items 3 and 4 and for the conditions specified in items 12, 13, and 14 of the application for this permit.

Jerry H. Kuhn, P.E.
Manager, Permit Section
Division of Public Water Supplies
Illinois Environmental Protection Agency

This Agency is authorized to require this information under Illinois Compiled Statutes, 1415 ILCS 5/39 (1998). Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.