

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
555 CORDOVA STREET
ANCHORAGE, ALASKA 99501

**GENERAL PERMIT TO APPLY PESTICIDES
FOR THE CONTROL OF INVASIVE FISH
19-GP-FISH**

Date Issued: August xx, 2019
Date Expires: December 31, 2023

The Alaska Department of Environmental Conservation (ADEC), under authority of Alaska Statute 46.03.330 and Title 18, Chapter 90, Section 545 of the Alaska Administrative Code (18 AAC 90.545), hereby issues a General Permit to apply pesticides to waters of the state for the sole purpose of controlling populations of invasive fish of various species.

This general permit allows for the application of one or more of the following pesticides with active ingredient Rotenone:

Product Name	EPA #	Formulation
CFT Legumine Fish Toxicant	89459-48	Liquid
Prenfish Fish Toxicant	89459-85	
Prentox Prenfish Fish Toxicant	89459-23	
Prentox CFT Legumine Fish Toxicant	655-899	
Prentox Prenfish Toxicant	655-422	
Prentox Rotenone Fish Toxicant Powder	655-691	Powder

This permit allows application of pesticides only if all of the following conditions are true:

1. Project is intended to control fish species which are outside of their native range in Alaska.
2. Project is overseen or managed by the Alaska Department of Fish & Game.
3. Pesticides will be applied only to water bodies with no drinking water system intakes or hydrologic connections to drinking water wells.
4. Pesticides will be applied only to water bodies with no irrigation water intakes within ½ mile.
5. Treatment site has not been identified as habitat for a threatened or endangered species referenced in 50 CFR 17.11-17.12.

COVERAGE UNDER GENERAL PERMIT

An applicant who meets these conditions and wants to be covered under this general permit must submit a complete Application for Coverage form to the DEC Pesticide Control Program, and receive a confirmation letter and project tracking number prior to application of pesticides, in accordance with 18 AAC 90.550.

SPECIFIC CONDITIONS AND STIPULATIONS

The permit holder shall manage and apply the pesticide in accordance with 18 AAC 90. In addition, the following permit conditions and stipulations are required:

1. Publish two consecutive notices of the pesticide application in a newspaper of general circulation in the area where the project is to take place. The notice must be completed no less than 15 days before the first application, and must include:
 - a) The location of the proposed application;
 - b) The complete pesticide product name of each pesticide to be used;
 - c) The EPA registration number of each pesticide to be used;
 - d) The target pest;
 - e) The method of applying each pesticide; and
 - f) How the public can receive more information.
2. Obtain Alaska Pollution Discharge Elimination System (APDES) Permit from the DEC Division of Water before pesticide is applied. For more information, contact the Division of Water online or by calling 907-269-6285.
3. Post signs in accordance with label instructions. If the label does not include posting instructions, post notification signs around the perimeter of the treatment area approximately every 300 feet (where practical) and in areas of high use. Signs should include a warning that pesticides have been applied, the date of application, and contact information where the public can receive more information. Signs must be posted prior to application, and remain in place throughout application process.
4. Use pesticides only in the manner specified by the label instructions. Adhere to all the requirements specified by the pesticide product label.
5. Ensure that rotenone pesticides, which are all listed as restricted use pesticides, are applied only by a person properly certified by DEC to apply such pesticides.
6. Do not allow recreational access (e.g., wading, swimming, boating, or fishing) within the treatment area until the application has been completed and all pesticide has been thoroughly mixed into the water.
7. In treatments areas with outflow, install and monitor sentinel fish stationed downstream of the treatment area to detect presence of rotenone.
8. If sentinel fish outside of treatment area exhibit rotenone stress, immediately apply KMNO₄ to deactivate rotenone, as instructed on the pesticide product label. Notify the DEC Pesticide Program immediately of any deactivation use.

9. Maintain the following records for each pesticide used. Records must be available to DEC upon request:
 - a) All records required under 18 AAC 90.415 and 420.
 - b) General Permit project tracking number
 - c) An assessment of the success or failure of the treatment
 - d) Any observed effects on human health, safety, or welfare
 - e) Any observed effects on animals or the environment
 - f) Affidavit of publication for public notices
10. No later than **January 31** following each year when pesticides are applied, submit a written Summary of Treatment Results including all information listed in Stipulation 9, above.

In addition to the above stipulations, the ADEC Pesticide Program may monitor treatments to ensure compliance with 18 AAC 90 and the General Permit Conditions and Stipulations.

This permit expires on **December 31, 2023** and may be revoked in accordance with 18 AAC 90.540.

Robert J. Blankenburg, P.E.
Solid Waste & Pesticides Program Manager