



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

PHILIP D. MURPHY
Governor

*Division of Licensing Operations, Solid Waste & Pesticide
Enforcement*

CATHERINE R. McCABE
Acting Commissioner

SHEILA Y. OLIVER
Lt. Governor

*Bureau of Licensing & Pesticide Operations – MC 401-04E
PO Box 420*

Trenton, NJ 08625-0420

Phone: (609)984-6507 Fax: (609)984-6555

AQUATIC PESTICIDE GENERAL PERMIT

09/21/2018

For Aquatic Site

ID: 788748

Name: HOPEWELL VLY REG SCHOOL DIST - CENTRAL HS

DEP Activity ID: APP180001

Permit Effective Date: 09/21/2018 Permit Expiration Date: 12/31/2019

The New Jersey Department of Environmental Protection hereby grants you a NJ Aquatic Pesticide Permit (NJAPP) for the site named above. This permit is the regulatory mechanism used by the Department to help ensure your application will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey's valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when applying aquatic pesticides to waters of the state, both public and private. If you have any questions about this document, please feel free to contact the Department's Aquatic Pesticide Permit representative. Your cooperation in helping us protect and safeguard our state's environment is appreciated.

Requirements Incorporated by Reference

The permittee shall comply with all conditions set forth in this permit and with all of the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited below:

General Conditions

1. Penalties for Violations - N.J.A.C. 7:30-1-13 (found at www.pcpnj.org)
2. Incorporated by Reference:
 - Appendix A: Aquatic Pesticide Permit Conditions
 - Appendix B: Aquatic Pesticide Permit Restrictions
 - Appendix C: Aquatic Pesticide Record of Actual Treatment (BPO-03)

GENERAL REQUIREMENTS FOR AQUATIC PESTICIDE PERMIT

1. PURPOSE AND SCOPE

This permit operates under the premise that appropriate Best Management Practices (BMPs) are implemented prior to any aquatic pesticide application. If the application causes adverse environmental impacts to the site and or receiving waters, the application is in violation of this permit. The entity authorizing the activity and certifying compliance with the requirements of this general permit would then be subject to enforcement action. A representative from the Department's Bureaus of Pesticide Compliance and Pesticide Operations will be contacted if it is suspected that an application was not conducted in accordance with all requirements of this permit.

The certifying agent will be responsible for ensuring that the applications meet all of the applicable requirements of this general permit during the entire application.

CONDITIONS FOR APPROVAL UNDER THE NJAPP GENERAL PERMIT FOR AQUATIC PESTICIDE APPLICATIONS

Certification Requirements

A completed certified APP application form shall be submitted to the Department via DEP Online Aquatic Pesticide Permit service.

The permittee shall maintain records of application on a form provided by the Department, which is the RECORD OF ACTUAL TREATMENT (BPO -04).

This permit does not waive the requirement to obtain any other necessary Federal, State or Local government consents or approvals. No work shall be undertaken until such time as all other required approvals and permits have been obtained. As the responsible applicator for the permit, you are responsible for identifying and contacting any and all other agencies, including NJDEP that may need to be involved with or have interest in the aquatic site(s) you are proposing to treat:

NJDEP Fish and Wildlife (908-236-2118)
NJDEP Land Use Regulation (609-292-0060)
Lake Hopatcong Commission (973-601-1070)

Representatives of the Department shall have the right to enter and inspect any area associated with an aquatic pesticide permit approval.

The permittee shall take into account the outlet structure prior to application and shall ensure discharge downstream into the receiving water body is limited to none.

By using this permit, the authorized responsible pesticide applicator acknowledges the following:

"I certify under penalty of law that this Aquatic Pesticide Permit form and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

ACCORD: Only three treatments are allowed per treatment area during the proposed treatment period. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds, herbaceous plants, or woody plants for at least 14 days. Do not use any other herbicide for emergent weeds, herbaceous plants, or woody plants in the same treatment area at the same time as this product.

ALGAE PRO: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed every 30 days is the amount of product equivalent to 2 treatments of 1/2 the aquatic site at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

ALGIMYCIN PWF: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

AQUA-KLEEN: Full aquatic site treatments are only allowed when weed mass is sparse. The total amount of product allowed during the proposed treatment period is the amount of product equivalent to 2 full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 6 weeks. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

AQUACIDE PELLETS: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed during the proposed treatment period, is the amount of product equivalent to three full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 30 days. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

AQUACURE - ALGAECIDE: Only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed to each treatment area every 30 days during the proposed treatment period is the amount of product equivalent to two treatments of 1/2 of the aquatic site at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

AQUACURE - HERBICIDE: Only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed to each treatment area every 30 days during the proposed treatment period is the amount of product equivalent to two treatments of 1/2 of the aquatic site at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for at least 7 days. Do not use any other herbicide in the same treatment area at the same time as this product.

AQUAMASTER: Only three treatments are allowed per treatment area during the proposed treatment period. The maximum amount of product allowed per treatment is the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds for at least 14 days. Do not use any other herbicide for emergent weeds in the same treatment area at the same time as this product.

AQUANEAT: Only three treatments are allowed per treatment area during the proposed treatment period. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds, herbaceous plants, or woody plants for at least 14 days. Do not use any other herbicide for emergent weeds, herbaceous plants, or woody plants in the same treatment area at the same time as this product.

AQUAPIER: In a single operation, only partial treatments (up to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the treatment area with this product or any other product for emergent vegetation for at least 10 days. Do not use any other product in the same treatment area at the same time as this product. Maximum treatment of 1.5 pounds of active ingredient per acre per year is allowed.

AQUAPRO: Only three treatments are allowed per treatment area during the proposed treatment period. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds for at least 14 days. Do not use any other herbicide for emergent weeds in the same treatment area at the same time as this product.

AQUASHADE: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed every 30 days during the proposed treatment period is the amount of product equivalent to two full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 30 days. Do not use any other algaecide in the same treatment area at the same time as this product.

AQUATHOL K: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed during the proposed treatment period is the amount of product equivalent to three full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 14 days. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

AQUATHOL SUPER K: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed during the proposed treatment period is the amount of product equivalent to three full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 14 days. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

AVAST: Full aquatic site treatments are allowed. Whether applied in one single treatment or multiple treatments, the total amount of product allowed during the proposed treatment period must comply with the following guidelines. For Ponds (aquatic site area is less than or equal to 10 acres): a single application rate cannot exceed 90 ppb, and for split or multiple applications the sum of all application rates cannot exceed 90 ppb. For Lakes & Reservoirs (aquatic site area is greater than 10 acres): a single application rate cannot exceed 150 ppb; and for split or multiple applications the sum of all application rates cannot exceed 150 ppb, where 75 ppb is the maximum rate at any time. When performing split or multiple treatments to the same treatment area with this product or any other herbicide for submerged weeds, a minimum of 7 days is required between treatments. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

CAPTAIN: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

CLEARCAST: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat this aquatic site with this product or any other herbicide for submerged/floating/weeds for at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

CLEARIGATE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

CLIPPER: Full aquatic site treatments are only allowed when weed mass is sparse. The total amount of treatments is limited to six at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged, floating, and/or emerged weeds for 12 days. Do not use any other

herbicide for submerged, floating, and/or emerged weeds in the same treatment area at the same time as this product. Ensure that water pH is taken and complies with pH label mandates prior to any application.

CuSO₄: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

CUTRINE-PLUS : In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

EAGRE: Only three treatments are allowed per treatment area during the proposed treatment period. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds for at least 14 days. Do not use any other herbicide for emergent weeds in the same treatment area at the same time as this product.

EARTHTEC: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed every 30 days is the amount of product equivalent to 2 treatments of 1/2 the aquatic site at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

ELIMINATOR: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed during the proposed treatment period is the amount of product equivalent to three full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 14 days. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

FORMULA F30: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 10 days. Do not use any other algaecide in the same treatment area at the same time as this product.

GALLEON SC: Full aquatic site treatments are allowed. For lakes, ponds, and reservoirs, split or multiple applications may be conducted (150 ppb maximum at any one time), limited to a total of 150 ppb per annual growth cycle. When performing split or multiple treatments to the same treatment area with this product or any other herbicide for submerged weeds, a minimum of 7 days is required between treatments. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

GARLON 3A: This product is permissible to treat non-irrigation ditch banks, seasonally dry wetlands, and transitional areas between upland and lowland sites when surface water is not present except for in isolated pockets due to uneven conditions. **DO NOT APPLY** to open water. This product may be used with rates up to 8 quarts per acre per year on non-crop areas including rights-of-way including electrical power lines. Do not use any other herbicide for emergent weeds, herbaceous plants, or woody plants in the same treatment area at the same time as this product.

GLYPRO: Only three treatments are allowed per treatment area during the proposed treatment period. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds, herbaceous plants, or woody plants for at least 14 days. Do not use any other herbicide for emergent weeds, herbaceous plants, or woody plants in the same treatment area at the same time as this product.

GREENCLEAN: In a single operation only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 4 days. Do not use any other algaecide in the same treatment area at the same time as this product. Dosage rates are limited to curative or preventative maintenance.

HABITAT: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the treatment area with this product or any other product for at least 10 days. Do not use any other product in the same treatment area at the same time as this product.

HYDROTHOL-191: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed during the proposed treatment period is the amount of product equivalent to three full aquatic site treatments at the approved dosage rate. Do not apply any other pesticide to the same treatment area at the same time as this product. Do not retreat with this pesticide or apply any other pesticide to this treatment area for at least 14 days after treatment.

K-TEA: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed every 30 days is the amount of product equivalent to 2 treatments of 1/2 the aquatic site at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 10 days. Do not use any other algaecide in the same treatment area at the same time as this product.

KNOCKOUT: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 14 days. Total treatment area with this product and any other herbicide for submerged weeds (including algaecides) cannot exceed 1/2 of the aquatic site area within any 14 day period. Do not use any other herbicide for submerged weeds at the same time as this product. Outflow must be little to none for 5 days following treatment, or do not treat within 1,000 feet of this outlet. For water with an average depth (< or =) to 2 feet, dosage rate is restricted to 1 gal Knockout per surface acre.

KOMEEN: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed to each treatment area in a single operation is equivalent to treating 1/2 the aquatic site at the dosage rate. Do not retreat the same treatment area with this product for at least 12 weeks. Do not treat additional areas for 10-14 days. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

LESCO HYDRO BLOCK: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed every 30 days during the proposed treatment period is the amount of product equivalent to two full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 30 days. Do not use any other algaecide in the same treatment area at the same time as this product.

LESCOCIDE-PLUS ALGAECIDE: Only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed to each treatment area every 30 days during the proposed treatment period is the amount of product equivalent to four 1/2 aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

LESCOCIDE-PLUS GRANULAR ALGAECIDE: Only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed to each treatment area every 30 days during the proposed treatment period is the amount of product equivalent to four half aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 7 days. Do not use any other algaecide in the same treatment area at the same time as this product.

NAUTIQUE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed every 30 days is the amount of product equivalent to 2 treatments of 1/2 the aquatic site at the approved dosage rate. Do not retreat this aquatic site with this product or any other herbicide for

submerged weeds for at least 10 days. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

NAVIGATE: Full aquatic site treatments are only allowed when weed mass is sparse. The total amount of product allowed during the proposed treatment period is the amount of product equivalent to 2 full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 6 weeks. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

PAK 27 Algaecide: In a single operation only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 4 days. Do not use any other algaecide in the same treatment area at the same time as this product. Dosage rates are limited to curative or preventative maintenance.

PHYCOMYCIN: In a single operation only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 4 days. Do not use any other algaecide in the same treatment area at the same time as this product. Dosage rates are limited to curative or preventative maintenance.

PRENFISH TOXICANT: Full aquatic site treatments are allowed. Fish kills are expected at recommended rates. Use in fisheries management for the eradication of fish from lakes, ponds, and streams. Dosage is based on type of water body use (maximum of 5 ppm under any conditions), consult label for specific directions. If a detoxification procedure is necessary to neutralize the rotenone within the water, only potassium permanganate is allowed to be used per Prenfish label directions. Wait at least 2 weeks after treatment before attempting to restock water body.

POLARIS: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the treatment area with this product or any other product for at least 10 days. Do not use any other product in the same treatment area at the same time as this product. Specific dosage rate is species-specific, as per label directions. MAX DOSAGE RATE = 0.75 GAL/SA.

RADIANCE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed every 30 days is the amount of product equivalent to 2 treatments of 1/2 the aquatic site at the approved dosage rate. Do not retreat this aquatic site with this product or any other algaecide for at least 10 days. Do not use any other algaecide in the same treatment area at the same time as this product.

REDWING: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 14 days. Total treatment area with this product and any other herbicide for submerged weeds (including algaecides) cannot exceed 1/2 of the aquatic site area within any 14 day period. Do not use any other herbicide for submerged weeds at the same time as this product. Outflow must be little to none for 5 days following treatment, or do not treat within 1,000 feet of this outlet. For water with an average depth less than or equal to 2 feet, dosage rate is restricted to 1 gallon per surface acre.

RENOVATE 3: Only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed to each treatment area during the proposed treatment period is the amount of product equivalent to two 1/2 aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged, floating, and/or emerged weeds for at least 10 days. Do not use any other herbicide for submerged, floating, and/or emerged weeds in the same treatment area at the same time as this product.

RENOVATE MAX G: Full aquatic site treatments are only allowed when weed mass is sparse. The total amount of product allowed during the treatment season is the amount of product equivalent to 2 full aquatic site treatments at the approved dosage rate (maximum of 93.7 pounds/acre foot per application). Only two treatments per season are allowed to target areas regardless of dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged, floating, and/or emerged weeds for at least 21 days unless conducting split treatments. Do not use any other herbicide for submerged, floating, and/or emerged weeds in the same treatment area at the same time as this product.

RODEO: Only three treatments are allowed per treatment area during the proposed treatment period. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds for at least 14 days. Do not use any other herbicide for emergent weeds in the same treatment area at the same time as this product.

REWARD: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 14 days. Total treatment area with this product and any other herbicide for submerged weeds (including algaecides) cannot exceed 1/2 of the aquatic site area within any 14 day period. Do not use any other herbicide for submerged weeds at the same time as this product. Outflow must be little to none for 5 days following treatment, or do not treat within 1,000 feet of the outlet. For water with an average depth less than or equal to 2 feet, dosage rate is restricted to 1 gal Reward per surface acre.

SCI-62: Only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. The total amount of product allowed to each treatment area every 30 days during the proposed treatment period is the amount of product equivalent to two treatments of 1/2 the aquatic site at the approved dosage rate. Do not retreat the same treatment area with this product or any other algaecide for at least 10 days. Do not use any other algaecide in the same treatment area at the same time as this product.

SCULPIN G: Full aquatic site treatments are only allowed when weed mass is sparse. The total amount of product allowed during the proposed treatment period is the amount of product equivalent to 2 full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged, floating, and/or emerged weeds for at least 3 weeks unless conducting split treatments. Do not use any other herbicide for submerged, floating, and/or emerged weeds in the same treatment area at the same time as this product.

SONAR: Full aquatic site treatments are allowed. For lakes and reservoirs, split or multiple applications may be conducted (90 ppb maximum at any one time), limited to a total of 150 ppb per annual growth cycle. For ponds, split or multiple applications may be conducted, limited to a total of 90 ppb per annual growth cycle. When performing split or multiple treatments to the same treatment area with this product or any other herbicide for submerged weeds, a minimum of 7 days is required between treatments. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

TAHOE 3A: This product is permissible to treat non-irrigation ditch banks, seasonally dry wetlands, and transitional areas between upland and lowland sites, and forestry sites associated with wetland areas. For such sites, in a single operation, full site treatments are allowed at the approved dosage rate. For forestry sites associated with wetlands, application is limited to 2 gallons of this product per acre per year. Do not use any other herbicide for emergent weeds, herbaceous plants, or woody plants in the same treatment area at the same time as this product.

TOUCHDOWN PRO: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. Only three treatments are allowed per treatment area during the proposed treatment period. Do not retreat the same treatment area with this product or any other herbicide for emergent weeds, herbaceous plants, or woody plants for at least 14 days. Do not use any other herbicide for emergent weeds, herbaceous plants, or woody plants in the same treatment area at the same time as this product.

WEEDTRINE-D: Full aquatic site treatments are allowed. Whether applied in one treatment or multiple treatments, the total amount of product allowed during the proposed treatment period is the amount of product equivalent to three full aquatic site treatments at the approved dosage rate. Do not retreat the same treatment area with this product or any other herbicide for submerged weeds for at least 14 days. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

WHITECAP: Full aquatic site treatments are allowed. For lakes and reservoirs, split or multiple applications may be conducted (90 ppb maximum at any one time), limited to a total of 150 ppb per annual growth cycle. For ponds, split or multiple applications may be conducted, limited to a total of 90 ppb per annual growth cycle. When performing split or multiple treatments to the same treatment area with this product or any other herbicide for submerged weeds, a minimum of 7 days is required between treatments. Do not use any other herbicide for submerged weeds in the same treatment area at the same time as this product.

***SECTION 24(c) SPECIAL LOCAL NEED PESTICIDE PRODUCT CONDITIONS
24(c) FOR USE ON NATURAL-BOTTOM SWIMMING SITES***

AQUATIC PESTICIDE PERMIT CONDITIONS IN ADDITION TO SPECIAL LOCAL NEED (SLN) LABEL REQUIREMENTS. MAKE SURE YOU HAVE THE MOST UP-TO-DATE COPY OF THE SLN LABEL ON HAND TO REFER TO!

SODIUM HYPOCHLORITE

PRODUCTS: Use only a product specifically registered for the control of algae in natural-bottom swimming ponds and the one specified in this permit. The label of this product will be identified by the wording: "Section 24(c) Special Local Need Registration, EPA SLN NO. NJ-020001"

USE: Do not treat within close proximity to any outlet for surface water discharge. If a feeder device is used while the swimming area is in operation, the product must be fed into the pond over a minimum of five hours.

The maximum initial dosage rate to use is 11 ounces of product/10,000 gallons of pond water/day. The maximum dosage rate allowed at any time thereafter is 30 ounces of product/10,000 gallons of pond water/day.

The applicator is required to comply with all specifications and restrictions placed on this treatment program. Any change in the treatment plan, not accounted for in these conditions, requires a revised permit prior to application. The applicator can treat at a dosage rate less than the dosage rate approved by this permit, but cannot treat at a greater dosage rate than the maximum specified.

1. **POSTED NOTIFICATION:** Signs notifying swimmers and other persons having access to the natural-bottom swimming pond shall be posted and comply with specifications designated on page two of this aquatic permit.

2. **THM:** The level of total trihalomethanes (THM's) in the swimming pond water must not exceed the Drinking Water Quality Standards (DWQS) of 80 ppb as mandated by the USEPA. Analysis of the swimming pond water will be required, at a minimum, once each month during the swimming season. Samples shall be collected from the deepest part of the swimming pond during the middle of the month. If the analysis indicates a level of THM's above the DWQS, another sample for analysis must be collected immediately. If the sample results are again above the current DWQS, chlorination will immediately cease and will not resume without specific approval by the DEP, Pesticide Control Program. The results of any THM analysis must be forwarded to the DEP immediately after results are received. Failure to forward monthly (and additional) THM analysis will constitute a violation of the recordkeeping requirements of this permit (see below: RECORDKEEPING). A

laboratory certified for such work and using an analytical method approved for the monitoring of public drinking water shall perform all analyses for THM's.

3. CALIBRATIONS: All equipment/test kits used for required measurements must be properly maintained and calibrated, if so required, as per the manufacturers' instructions. All equipment used to introduce the pesticide product into the pond water must also be properly maintained and calibrated. Prior to the seasonal opening of the swimming pond, pumps, metering devices, flow rate controllers, etc. must be evaluated and calibrated using direct measurements, such as volume of water pumped, amount of pesticide (or surrogate) metered, actual flow rate through a controller, etc.

4. SECCHI DISK: Acceptable water quality is to be determined by secchi disk readings at the deepest part of the pond. The target secchi disk reading will be four feet. If the secchi disk readings fall below four feet, a dosage rate increase is permitted, but in no case shall the dosage rate used exceed 30 ounces of product/10,000 gallons of pond water/day. If secchi disk readings are five feet or more for three consecutive days, a dosage rate decrease of at least 10% is mandatory. Secchi disk readings are required to be taken and recorded every day the swimming area is in operation.

5. pH: The pH of the swimming pond water must be kept in the range of 7.2 to 7.8. Measurements of pH must be taken and recorded every day that the swimming area is in operation. Measurements of pH will be made utilizing a method that uses a phenol red indicator, on water collected from the deepest part of the pond. Any pH measurement out of the acceptable range will require a pH adjustment, using appropriate adjustment chemicals, at the close of operations of the day that the out-of-range measurement was recorded.

6. CHLORINE PRODUCED OXIDANTS (Total Chlorine): A measurement for total chlorine must be taken and recorded every day that the swimming area is in operation. The measurements of total chlorine must be made utilizing a chlorine test kit with a lower limit of detection of at least 0.1 ppm, for water collected from the deepest part of the pond. These measurements are to be taken at the same time and location as the required pH measurement.

7. SURFACE WATER DISCHARGE: There are to be no surface water discharges (SWD) while using this product and for at least 7 days after usage stops, unless under the following conditions:

A SWD prior to the 7-day period specified above shall only be allowed if the swimming pond water has a total chlorine value of 0.1 ppm or lower at the point of discharge. A chlorine test kit with a lower limit of detection of at least 0.1 ppm shall be used to make this measurement. Measurements of total chlorine value at the point of discharge must be taken and recorded every day there is a SWD. This measurement should occur prior to allowing any SWD to ensure compliance with stated total chlorine value restrictions. If a dechlorination agent is used to achieve the total chlorine value allowable for discharge, it must be used in accordance with all the manufacturer's instructions.

8. RECORDKEEPING: The applicator must maintain and submit, by November 15 of each treatment year, records of application and required measurements addressed above, for the use of this SLN product. The applicator must use the attached forms for record keeping. Note that no form is provided for THM measurements. The applicator may submit copies of the laboratory analysis sheets for the THM reporting requirement. The following information must be kept as part of the records of application:

- a. All required measurements or analytical results for secchi disk (in feet), pH, THM's and chlorine produced oxidants (total chlorine).
- b. The total amount of product, in gallons, used per day, the date applied, and the dosage rate used each day, expressed as ounces of product/10,000 gallons of pond water/day.
- c. If a pH adjustment is done, identify the date of adjustment, material used, and how much of it was used per day

- d. If a dechlorination agent is used, identify the date used, the agent used, and how much of it was used per day.
- e. Whether the discharge location is open or closed ("O" or "C") during every day the pool is in operation.

9. SITE DRAINING: Swimming ponds MUST be drained in the off-season for the purpose of bottom maintenance. The draining period must be of a sufficient amount of time to allow for the removal of as much organic matter as possible, as well as any infrastructure (pipes, pumps, etc) cleaning and repair.

The responsible pesticide applicator for this aquatic permit is responsible for performing the testing/sampling and recordkeeping required by this permit.

The DEP will be given access to the swimming pond during reasonable hours for confirmation sampling purposes. The DEP has the authority to revise or deny this permit at any time. The applicator is required to follow any revisions to this permit made by the DEP. This permit is approved for the use of Sodium Hypochlorite Solution, EPA Registration Number SLN NO. NJ-020001, for the control of algae only.

ACCU-TAB BLUE CALCIUM HYPOCHLORITE TABLETS: AQUATIC PESTICIDE PERMIT CONDITIONS IN ADDITION TO SPECIAL LOCAL NEED (SLN) LABEL REQUIREMENTS.

PRODUCTS: Use only a product specifically registered for the control of algae in natural-bottom swimming ponds and the one specified in this permit. The label of this product will be identified by the wording: "Section 24(c) Special Local Need Registration, EPA SLN NO. NJ-040003".

USE: Do not treat within close proximity to any outlet for surface water discharge. If a feeder device is used while the swimming area is in operation, the product must be fed into the pond over a minimum of five hours.

The maximum initial dosage rate to use is 0.16 pounds of product/10,000 gallons of pond water/day. The maximum dosage rate allowed at any time thereafter is 0.42 pounds of product/10,000 gallons of pond water/day.

The applicator is required to comply with all specifications and restrictions placed on this treatment program. Any change in the treatment plan, not accounted for in these conditions, requires a revised permit prior to application. The applicator can treat at a dosage rate less than the dosage rate approved by this permit, but cannot treat at a greater dosage rate than the maximum specified.

1. **POSTED NOTIFICATION:** Signs notifying swimmers and other persons having access to the natural-bottom swimming pond shall be posted and comply with specifications designated on page two of this aquatic permit.

2. **THM's:** The level of total trihalomethanes (THM's) in the swimming pond water must not exceed the Drinking Water Quality Standards (DWQS) of 80 ppb as mandated by the USEPA. Analysis of the swimming pond water will be required, at a minimum, once each month during the swimming season. Samples shall be collected from the deepest part of the swimming pond during the middle of the month. If the analysis indicates a level of THM's above the DWQS, another sample for analysis must be collected immediately. If the sample results are again above the current DWQS, chlorination will immediately cease and will not resume without specific approval by the DEP. The results of any THM analysis must be forwarded to the DEP immediately after results are received. Failure to forward monthly (and additional) THM analysis will constitute a violation of the recordkeeping requirements of this permit (see below: RECORDKEEPING). A laboratory certified for such work and using an analytical method approved for the monitoring of public drinking water shall perform all analyses for THM's.

3. **CALIBRATIONS:** All equipment/test kits used for required measurements must be properly maintained and calibrated, if so required, as per the manufacturers' instructions. All equipment used to introduce the pesticide

product into the pond water must also be properly maintained and calibrated. Prior to the seasonal opening of the swimming pond, pumps, metering devices, flow rate controllers, etc. must be evaluated and calibrated using direct measurements, such as volume of water pumped, amount of pesticide (or surrogate) metered, actual flow rate through a controller, etc.

4. SECCHI DISK: Acceptable water quality is to be determined by secchi disk readings at the deepest part of the pond. The target secchi disk reading will be four feet. If the secchi disk readings fall below four feet, a dosage rate increase is permitted, but in no case shall the dosage rate used exceed 0.42 pounds of product/10,000 gallons of pond water/day. If secchi disk readings are five feet or more for three consecutive days, a dosage rate decrease of at least 10% is mandatory. Secchi disk readings are required to be taken and recorded every day the swimming area is in operation.

5. pH: The pH of the swimming pond water must be kept in the range of 7.2 to 7.8. Measurements of pH must be taken and recorded every day that the swimming area is in operation. Measurements of pH will be made utilizing a method that uses a phenol red indicator, on water collected from the deepest part of the pond. Any pH measurement out of the acceptable range will require a pH adjustment, using appropriate adjustment chemicals, at the close of operations of the day that the out-of-range measurement was recorded.

6. CHLORINE PRODUCED OXIDANTS (Total Chlorine): A measurement for total chlorine must be taken and recorded every day that the swimming area is in operation. The measurements of total chlorine must be made utilizing a chlorine test kit with a lower limit of detection of at least 0.1 ppm, for water collected from the deepest part of the pond. These measurements are to be taken at the same time and location as the required pH measurement.

7. SURFACE WATER DISCHARGE: There are to be no surface water discharges (SWD) while using this product and for at least 7 days after usage stops, unless under the following conditions:

A SWD prior to the 7-day period specified above shall only be allowed if the swimming pond water has a total chlorine value of 0.1 ppm or lower at the point of discharge. A chlorine test kit with a lower limit of detection of at least 0.1 ppm shall be used to make this measurement. Measurements of total chlorine value at the point of discharge must be taken and recorded every day there is a SWD. This measurement should occur prior to allowing any SWD to ensure compliance with stated total chlorine value restrictions. If a dechlorination agent is used to achieve the total chlorine value allowable for discharge, it must be used in accordance with all the manufacturer's instructions.

8. RECORDKEEPING: The applicator must maintain and submit, by November 15 of each treatment year, records of application and required measurements addressed above, for the use of this SLN product. The applicator must use the attached forms for record keeping. Note that no form is provided for THM measurements. The applicator may submit copies of the laboratory analysis sheets for the THM reporting requirement. The following information must be kept as part of the records of application:

- a. All required measurements or analytical results for secchi disk (in feet), pH, THM's and chlorine produced oxidants (total chlorine).
- b. The total amount of product, in pounds, used per day, the date applied, and the dosage rate used each day, expressed as pounds of product/10,000 gallons of pond water/day
- c. If a pH adjustment is done, identify the date of adjustment, material used, and how much of it was used per day.
- d. If a dechlorination agent is used, identify the date used, the agent used, and how much of it was used per day.
- e. Whether the discharge location is open or closed ("O" or "C") during every day the pool is in operation.

9. SITE DRAINING: Swimming ponds MUST be drained in the off-season for the purpose of bottom maintenance. The draining period must be of a sufficient amount of time to allow for the removal of as much organic matter as possible, as well as any infrastructure (pipes, pumps, etc) cleaning and repair.

The responsible pesticide applicator designated on page 1 of this aquatic permit is responsible for performing the testing/sampling and recordkeeping required by this permit.

The DEP will be given access to the swimming pond during reasonable hours for confirmation sampling purposes. The DEP has the authority to revise or deny this permit at any time. The applicator is required to follow any revisions to this permit made by the DEP. This permit is approved for the use of Accu-Tab Blue Calcium Hypochlorite, EPA Registration Number SLN NO. NJ-040003, for the control of algae only.

APENDIX B - *AQUATIC PESTICIDE PERMIT RESTRICTIONS*

2,4-D: Do not apply Aqua Kleen, Navigate, Platoon or Sculpin G within 50 feet of any outlet if site is 5 acres or less. Do not apply Aqua Kleen, Navigate, Platoon or Sculpin G within 100 feet of any outlet if site is over 5 acres. Navigate/Sculpin g - residents may not swim in treated water for a minimum of 24 hours after application, so be sure to notify appropriate contacts and place appropriate postings around the entire area of the site. Residents must follow all water use restrictions for treated water as directed by the Navigate, Platoon and Sculpin G label. For Platoon, the minimum setback from a potable water intake is 600 feet.

ALGIMYCIN: If target species (genera) are identified, dosage rate must correspond to those specified in table #1 of Algimycin label directions.

AQUAPIER: Do not use water treated with Aquapier for irrigation purposes for 120 days after treatment or until residue levels are 1.0 ppb or less. Treatments must be kept 1/2 mile from potable water intakes.

AQUATHOL K: Do not apply Aaquathol k within 50 feet of any outlet if site is 5 acres or less. Do not apply Aquathol k within 100 feet of any outlet if site is more than 5 acres.

CLEARCAST: The maximum cumulative concentration of Clearcast cannot exceed 500 ppb per year. Do not apply Clearcast within 200 yards of any potable water intake. Water treated with Clearcast cannot be used for irrigation purposes.

CLIPPER: Treated water may not be used for irrigation purposes for a minimum of 5 days after application.

GARLON: This product has the potential to cause ground water contamination. Read product label directions carefully and use extreme caution when making applications to aquatic sites where water table is shallow and soil is permeable.

GREENCLEAN: Preventative maintenance dosage rate is a maximum 17 lbs per acre foot. Curative maintenance dosage rate is a maximum 170 lbs per acre foot.

GREENCLEAN LIQUID: Preventative maintenance dosage rate is a maximum 3.6 gals per acre foot. Curative maintenance dosage rate is a maximum 12 gals per acre foot.

GREENCLEANPRO: Preventative maintenance dosage rate is a maximum 9 lbs per acre foot. Curative maintenance dosage rate is a maximum 90 lbs per acre foot.

HABITAT: Water treated with habitat may not be used for irrigation purposes for 120 days after application. Do not apply habitat within one-half mile of an active potable water intake. Do not apply Habitat within one mile of an active irrigation water intake.

REWARD: Residents must follow all water use restrictions for treated water as directed by the Reward label, or keep 1,000 feet from the intake or use area. Reward dosage rate must not exceed 1 gallon per acre in all treatment areas with a depth of 2 feet or less.

RODEO: Residents must follow all water use restrictions for treated water as directed by the Rodeo label. Rodeo treatments must be kept 1/2 mile from potable water intake unless water intake can be shut off for at least 48 hours. Intake can be used prior to 48 hours if the concentration of glyphosate in treated water is less than 0.7ppm.

SONAR: Residents must follow all water use restrictions for treated water as directed by the Ssonar label. Sonar treatments must be kept 1/4 mile from potable water intake unless concentration of fluridone in the treated water is less than or equal to 0.02ppm.

TAHOE 3A: Treatments must be kept 1/2 mile from potable water intake. Intake must be shut off until triclopyr level in the intake water is 0.4 ppm.

WHITECAP: Residents must follow all water use restrictions for treated water as directed by the Whitecap label. Whitecap treatments must be kept 1/4 mile from potable water intake unless concentration of fluridone in the treated water is less than or equal to 0.02ppm.

AERIAL APPLICATIONS: No aerial application is to be made within 300 feet of occupied buildings and 100 feet of a private residence, public road or property line.

LAND USE PERMITS All treatments must be made in accordance with all DEP land use regulation program permits issued for this site, including NJ coastal zone management program federal consistency determinations or freshwater wetlands general permit #4. Failure to comply with such requirements is a violation of this permit.

USE OF MULTIPLE PRODUCTS:

Aquacure, Captain, Clearigate, Cutrine-plus, Cutrine ultra, Komeen, K-tea, Nautique or Radiance: only one of these products can be used per treatment.

CuSO₄ or Earthtec: only one of these products can be used per treatment.

Navigate, Aqua-kleen or Aquacide pellets: only one of these products can be used per treatment.

Whitecap, Sonar as, Sonar srp, Sonar pr or Sonar q: only one of these products can be used in a specific area per treatment date.

Aquaneat, Aquapro or Touchdown pro: only one of these products can be used per treatment.

MULTIPLE PERMITS/SITE: The applicator must coordinate all treatments under this permit with all treatments under any other approved/issued pesticide permit for same site to ensure compliance with conditions of this permit. The combination of applications under all permits cannot exceed the total amount of product allowed to each treatment area every 30 days during the proposed treatment period.

DROUGHT: Caution! Drought conditions across NJ may persist through the proposed treatment period. Use extreme caution and reduce dosage rates if necessary to account for decreased surface area & lower water depth.

TREATMENT OBJECTIONS: There can be no objections to lake treatments by lake property owners prior to applications.

SENSITIVE SPECIES: If the receiving water body was recently inventoried by DEP Fish and Wildlife and they found the presence of sensitive and rare native fish species, use extreme caution and perform minimal treatments when making applications.

PHRAGMITES: Glyphosate can only be applied at the maximum dosage rate of 6pts/A to green and tasseled phragmites plants. If the phragmites plant is green, short and/or not tasseled, the maximum dosage rate cannot exceed 4pts/A. If any other species besides phragmites australis is treated under this permit, the applicator must supply a detailed list with the records of actual treatment form explaining approximate acreage and pesticide use for each species treated.

RESERVOIRS: For Cu and CuSO₄ applications, when calculating the volume of water needing treatment, a maximum of 6 feet of water depth is to be used if the actual water depth is greater than 6 feet. Treatments can be made through December of the current permit year. All copper treatments must be based on laboratory algal identification and quantification results indicating that treatment is warranted. These results must be kept as part of the treatment records. Applicator must forward algae counts and contact the aquatic permits unit for approval when planning an out of season (January - March) algae treatment to a reservoir.

TROUT: If there is trout production or trout maintenance downstream, use caution. Cu must not exceed 0.125 ppm and CuSO₄ must not exceed 0.5ppm due to trout production or maintenance downstream. Do not apply Cu or CuSO₄ within 100 feet of any outlet if there is trout production or maintenance downstream. For treatments prior to June 15th, if trout stocked downstream, use caution. Cu must not exceed 0.125 ppm and CuSO₄ must not exceed 0.5ppm due to trout stocked waters. After June 15th, normal dosage rates can be used in trout stocked waters. If trout stocked within the waterbody, use caution. There can be no treatment with Cu or CuSO₄ on or before June 15th.

APPENDIX C - *Record of Actual Treatment (RAT)*

Visit the Bureau of Licensing and Pesticide Operations website at: **www.pcpnj.org**

Then click on Permits, Permit Application Form, Record of Actual Treatment. Follow the instructions.