



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

WATER RESOURCES MANAGEMENT

DIVISION OF WATER MONITORING, STANDARDS, AND PESTICIDES CONTROL

BUREAU OF PESTICIDE CONTROL

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AQUATIC PESTICIDE GENERAL PERMIT

05/21/2025

For Aquatic Site

ID: 1099406

Name: India Brook Park

DEP Activity Id: APP250001

Permit Effective Date: 05/21/2025 Permit Expiration Date: 12/31/2026

The New Jersey Department of Environmental Protection (NJDEP) hereby grants you a New Jersey (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/BPO-06)

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 Bureau of Pesticide Compliance 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 NJDEP 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-03/BPO-06). This form shall be downloaded from the Bureau of Pesticide Compliance and Enforcement website at: **www.pcpnj.org**.

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 an interest in the aquatic site(s) you are proposing to treat. These include but are not limited to:

NJDEP Fish and Wildlife
(609 292-2965)
NJDEP Land Use Regulation
(609-292-0060)
Lake Hopatcong Commission
(973-601-7801)
New Jersey Pollutant Discharge Elimination System (NJPDDES)
(609-292-4860)
NJDEP Natural and Historic Resources
(609-292-3541)

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 as minimal, 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."

APENDIX A – AQUATIC PESTICIDE PERMIT CONDITIONS

AB BRAND COPPERSULFATE CRYSTALS: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

ACCU-TAB BLUE CALCIUM HYPOCHLORITE TABLETS: See Section 24(c) under CALCIUM HYPOCHLORITE

ACCU-TAB BLUE CALCIUM HYPOCHLORITE TABLETS/ (WITH SCALE INHIBITOR): See Section 24(c) under CALCIUM HYPOCHLORITE

AIGI-CURE 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 this aquatic site with this product or any other algaecide for at least 14 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

ALLIGARE 2,4-D AMINE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Only two applications are allowed per treatment area during the proposed application season. 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 at least 21 days. Do not use any other herbicide in the same treatment area at the same time as this product.

ALLIGARE ARGOS: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

ALLIGARE DIQUAT HERBICIDE: 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 at least 14 days. Total treatment area with this product and any other herbicide cannot exceed 1/2 of the aquatic site area within any 14-day period. Do not use any other herbicide 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 per surface acre.

ALLIGARE ECOMAZAPYR 2 SL: 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. Do not exceed the maximum label rate of 6 pints per acre.

ALLIGARE FLUMIGARD HERBICIDE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. 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 28 days. Do not use any other herbicide 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.

ALLIGARE FLUMIGARD SC: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. 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 28 days. Do not use any other herbicide 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.

ALLIGARE FLURIDONE: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

ALLIGARE GLYPHOSATE 5.4: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

ALLIGARE IMAZAPYR 4 SL: In a single operation, only partial treatments (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. Do not exceed the maximum label rate of 3 pints per acre (1.5lbs ae/A) per year.

ALLIGARE IMOX: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

ALLIGARE TRICLOPYR: 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 at least 10 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. Do not retreat the same treatment area with this product or any other herbicide for at least 14 days. Do not use any other herbicide 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

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 at least 14 days. Do not use any other herbicide 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.

AQUASHADE PLUS: 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.

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

AQUASWEEP: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Only two applications are allowed per treatment area during the proposed application season. 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 at least 21 days. Do not use any other herbicide 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

AQUATHOL SUPER K GRANULAR: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

ARSENAL HERBICIDE APPLICATORS CONCENTRATE: 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. Do not exceed the maximum label rate of 3 pints per acre (1.5lbs ae/A) per year.

AVAST! SC: 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, 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.

BUCKMAN'S SODIUM HYPOCHLORITE SOLUTION: See Section 24(c) under SODIUM HYPOCHLORITE

CAPTAIN LIQUID COPPER: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

CAPTAIN XTR: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

CHINOOK AQUATIC HERBICIDE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Only two applications are allowed per treatment area during the proposed application season. 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 at least 21 days. Do not use any other herbicide 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 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

CLIPPER: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. 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 28 days. Do not use any other herbicide 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.

CLIPPER SC: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. 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 28 days. Do not use any other herbicide 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 14 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 14 days.

Do not use any other algaecide in the same treatment area at the same time as this product.

CUTRINE-PLUS GRANULAR: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

CUTRINE-ULTRA: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

DEPTH CHARGE: 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 14 days. Do not retreat the same treatment area with this product or any other herbicide for 28 days. Only two applications are allowed per treatment area during the proposed application season. Do not use any other herbicide 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.

DMA 4 IVM HERBICIDE: 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 at least 21 days. 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. Do not use any other herbicide 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

EARTHTEC QZ: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

EZ-JECT DIAMONDBACK HERBICIDE SHELLS: 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 at least 14 days. Do not use any other herbicide 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 14 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, a minimum of 7 days is required between treatments. Do not use any other herbicide 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 in the same treatment area at the same time as this product.

GORDON'S PONDMASTER AQUATIC HERBICIDE: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

GORDON'S PONDMASTER COPPER SULFATE CRYSTALS: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

GORDON'S PONDMASTER SECLEAR ALGICIDE & WATER QUALITY ENHANCER: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

GORDON'S PONDMASTER SURFACE & SHORELINE HERBICIDE: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

GREENCLEAN FX LIQUID 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 7 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.

GREENCLEAN GRANULAR 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.

GREENCLEAN LIQUID 5.0: 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.

GREENCLEAN PRO: 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.

HARPOON AQUATIC HERBICIDE: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this

product.

HARPOON GRANULAR AQUATIC HERBICIDE: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

HARVESTER: 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 at least 14 days. Total treatment area with this product and any other herbicide cannot exceed 1/2 of the aquatic site area within any 14-day period. Do not use any other herbicide 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 per surface acre.

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. Do not treat more than 10% of the area at one time with doses in excess of 1 ppm.

HYDROTHOL GRANULAR: 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. Do not treat more than 10% of the area at one time with doses in excess of 1 ppm.

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 6 weeks. Do not treat additional areas for 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

KOMEEN CRYSTAL: 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 6 weeks. Do not treat additional areas for 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

LITTORA: 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 at least 14 days. Total treatment area with this product and any other herbicide cannot exceed 1/2 of the aquatic site area within any 14-day period. Do not use any other herbicide 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 per surface acre.

NATRIX: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. For the control of mollusks, do not exceed a concentration of 1.0ppm copper during any single application. Do not retreat this aquatic site with this product or any other algaecide for at least 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

*****Note***** When treatments are made under the direct authorization of the New Jersey Department of Environmental Protection (NJDEP), repeat applications may be conducted within the 14 day interval when necessary to maintain an efficacious concentration of 0.25 to 1.0 ppm for up to 96 hours. During this treatment time frame monitoring of in-water copper concentrations shall occur to document the rate and timing of repeat applications. Monitor mussel populations and cease additional applications once mussels are dead or 14 days have passed since the initial application. Additionally, do not retreat this aquatic site with this product or any aquatic pesticide for 14 days from the date of the last application.

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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

NAVIGATE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Only two applications are allowed per treatment area during the proposed application season. 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 at least 21 days. Do not use any other herbicide in the same treatment area at the same time as this product.

NUFARM DIQUAT 2L: 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 at least 14 days. Total treatment area with this product and any other herbicide cannot exceed 1/2 of the aquatic site area within any 14-day period. Do not use any other herbicide 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 per surface acre.

NUFARM DIQUAT SPC 2L: 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 at least 14 days. Total treatment area with this product and any other herbicide cannot exceed 1/2 of the aquatic site area within any 14-day period. Do not use any other herbicide 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 per surface acre.

NUFARM 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.

PAK 27/PAK 27Algaecide: 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.

PLATOON: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Only two applications are allowed per treatment area during the proposed application season. 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 at least 21 days. Do not use any other herbicide in the same treatment area at the same time as this product.

PROCELLACOR EC: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product. The maximum single application rate is 25.0 Prescribed Dosage Units (PDU) per acre-foot of water with a limit of three applications per year. For aquatic foliar applications, do not exceed 10.0 PDU per acre foot for a single application, and do not apply more than 20.0 PDU total per year.

PROPELLER AQUATIC HERBICIDE: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. 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 28 days. Do not use any other herbicide 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.

QUIMAG QUIMICOS AGUILA (Briquette, Granular, Large, Medium): 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

REFUGE: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

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 at least 10 days. Do not use any other herbicide 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 at least 21 days unless conducting split treatments. Do not use any other

herbicide in the same treatment area at the same time as this product.

RENOVATE OTF: Only partial treatments (1/3 to 1/2 of the aquatic site) are allowed. 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. The total amount of product applied must not exceed 2.5 ppm a.e. for the treatment area per annual growing season. 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 at least 10 days unless conducting split treatments. Do not use any other herbicide 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 at least 14 days. Do not use any other herbicide 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.

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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

ROUNDUP CUSTOM FOR AQUATIC & TERRESTIAL USE: 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

SCHOONER 51% WDG: 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 14 days. Do not retreat the same section of water within 28 days. Do not use any other herbicide 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.

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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

SCULPIN G: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Only two applications are allowed per treatment area during the proposed application season. 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 at least 21 days. Do not use any other herbicide in the same treatment area at the same time as this product.

SECLEAR: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

SECLEAR G: 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 14 days.

Do not use any other algaecide in the same treatment area at the same time as this product.

SEMER 51% WDG: 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 12 days. Do not use any other herbicide 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.

SONAR A.S.: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

SONAR GENESIS: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

SONAR H4C: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

SONARONE: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

SONAR PR: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

SONAR Q: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

SONAR SRP: 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, a minimum of 7 days is required between treatments. Do not use any other herbicide in the same treatment area at the same time as this product.

STINGRAY: 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 at least 14 days. Do not use any other algaecide in the same treatment area at the same time as this product. Do not exceed 13.5 fluid ounces per acre (0.2 lb. a.i. per acre) in any single application.

TRADEWIND: For surface applications, allow 30 days between treatments and do not exceed 8 oz of this product per acre per year. For subsurface applications, do not exceed 45 ppb at any given time. Do not retreat this area within 14 days of initial application. Do not exceed 4 applications per year for surface of subsurface treatments.

TRIANGLE BRAND COPPER SULFATE CRYSTALS: 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 14 days. Do not use any other algaecide in the same treatment area at the same time as this product.

TRIBUNE: 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 at least 14 days. Total treatment area with this product and any other herbicide (including algaecides) cannot exceed 1/2 of the aquatic site area within any 14-day period. Do not use any other herbicide 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 per surface acre.

VASTLAN: 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 at least 14 days. 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 (total application must not exceed an application rate of 2.5 ppm per annual growing season). Only two treatments per season are allowed. Do not use any other herbicide in the same treatment area at the same time as this product.

WEEDSTROY AM-40: In a single operation, only partial treatments (1/3 to 1/2 of the aquatic site) are allowed at the approved dosage rate. Only two applications are allowed per treatment area during the proposed application season. 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 at least 30 days. Do not use any other herbicide 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 at least 14 days. Do not use any other herbicide in the same treatment area at the same time as this product.

***SECTION 24(c) SPECIAL LOCAL NEED PESTICIDE PRODUCT CONDITIONS FOR
USE IN 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-190001."

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 NJDEP Bureau of Pesticide Compliance. The results of any THM analysis must be forwarded to the NJDEP immediately after the 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 dichlorination 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 December 31st 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. If a dechlorination agent is used, identify the date used, the agent used, and how much of it was used per day.
- d. 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 NJDEP will be given access to the swimming pond during reasonable hours for confirmation sampling purposes. The NJDEP 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 NJDEP. This permit is approved for the use of Sodium Hypochlorite Solution, EPA Registration Number SLN NO. NJ-190001, 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 NJDEP Bureau of Pesticide Compliance. The results of any THM analysis must be

forwarded to the NJDEP immediately after the 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 December 31st 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 NJDEP will be given access to the swimming pond during reasonable hours for confirmation sampling purposes. The NJDEP 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 NJDEP. 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

The Aquatic Pesticide Permit Application Season shall commence no earlier than **April 1st** and end by **October 31st**.

Any request to perform an aquatic pesticide application, outside of the application season, must be approved by the Department.

In certain situations, the need for early/late treatments may be addressed as a revision. Revisions will be reviewed on a case by case basis. Each case shall be presented with justification for pre or post season treatment(s). Such treatment justification shall include but is not limited to aquatic site photographs, algae count, water temperature readings, weather forecasts, IPM methods implemented, and dissolved oxygen (DO) level. One will need to prove to the Department that the treatment is deemed necessary for environmental and economic benefits, where the benefit overrides any risk.

Note: DRONE APPLICATIONS: Currently addressed under Bureau aerial regulations and definitions of “aerial application, aircraft, and category 11 and Bureau guidelines.”

1. License categories:

Commercial Pesticide Applications - must have a business license and the person flying the drone making the application must be certified in: Core, Category 11 (aerial), and whatever appropriate category is necessary (examples=1A for Ag, 2=Forest, 5= Aquatic, 6B=ROW, 8B=Mosquito, 8C=Campground etc....

Private Pesticide Applications - must have PP2 license, Category 11 (any farmer that is flying his own drone and making pesticide applications).

2. Both Commercial and Private Applicators must also possess a 'Remote Pilot Certificate' from FAA to fly a drone under the Small UAS Rule (Part 107).
3. Both Commercial and Private Applicators must also comply with the requirements **14 CFR PART 137. ** (proof of which needs to be submitted when applying for category 11 exam).**
4. Allow the possession of the FAA 107 license to take the place of the 40 hours of the OTJ training requirement.
5. Pesticide Product label directions must indicate aerial applications, does not have to specify drone applications.
6. **NO Pesticide "Operators"** are allowed to perform aerial application per regulation 5.1e, and therefore, CANNOT fly the drone to make pesticide applications (Commercial Pesticide "Applicators" only)
7. Applicators must adhere to ALL FAA rules and regulations, County, Municipal and local requirements for the use of drones.

Cut Stump Treatments: Cut stump treatments are specific to individual product label directions. These treatments are only allowed outside of the Aquatic Permit Treatment Season if the product label allows such use.

No aquatic pesticide product approved and issued on the initial permit may be removed, or replaced with another aquatic pesticide product, unless a product is no longer available and/or registered for use in New Jersey. A revision may be granted only when a newly detected aquatic species is identified and not controlled per label directions by a previously listed aquatic pesticide product, on the initial permit.

Department approved revisions are limited to three (3) per treatment season, per aquatic site, if approved by the Department.

The review of aquatic pesticide product(s) by the Department for use in New Jersey for the purpose of being added to the General Aquatic Pesticide Permit, shall be submitted between **November 1st** and **December 15th**. Submissions shall be sent to AQRATS@dep.nj.gov. If approved, the product(s) will be available for that current aquatic treatment season. Permits obtained during the previous treatment year can only add said product(s) through a revision. Revisions to add new products will not be granted if the current permit includes products with the same active ingredients and formulations. Revisions are reviewed and approved on a first come first serve case by case basis. Revisions are intended only to revise a current permit if and when deemed necessary by the department.

Permit Withdrawal:

If you acquire a site that is currently permitted through another Aquatic Applicator/Business, you shall inform the contracting party for the site that they must notify the Bureau of Pesticide Control (BPC) in writing (email) requesting a withdrawal of their current permit with specifications of the newly contracted Aquatic Applicator/Business. Failure to notify the BPC within 30 days of acquiring a permit for the site may result in your permit being invalidated.

All aquatic pesticide applications shall be suspended if the dissolved oxygen readings are below 3 mg/l. Applications shall commence only after Department review and approval. Determining factors which may allow for applications to commence include but are not limited to aquatic site photographs, algae count, water temperature readings, weather forecasts, IPM methods implemented, water chemistry and water habitat

population/species and the risk to benefit assessment. In addition, the New Jersey Department of Fish and Wildlife may be consulted prior to approval.

Note: Aquatic sites completely covered with aquatic vegetation/algae shall consider the mechanical or manual removal of the vegetation, prior to the application of an aquatic pesticide, with following dissolved oxygen restrictions.

Starting in 2022 new true residential ponds having one owner, shall be named by the location address associated with the site, not the name of the current, previous, or future owners. This new policy targets the elimination of one waterbody having multiple aquatic site identification numbers assigned. The confirmation of an existing aquatic site identification number is the responsibility of the permittee, whether the site is newly or previously permitted. Creating a duplicate aquatic site identification number, when applying for a permit, for an existing waterbody is grounds for permit denial or withdrawal.

2,4-D: Do not apply, Navigate, Platoon or Sculpin G within 50 feet of any outlet if site is 5 acres or less. Do not apply, 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. No two products which contain 2, 4-D, as the active ingredient, can be applied to the same water body at the same time.

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

AQUATHOL K: Do not apply Aquathol 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 the 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.

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 PRODUCTS: Residents must follow all water use restrictions for treated water as directed by the Sonar 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.

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.

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.

LAND USE PERMITS All treatments must be made in accordance with all NJDEP 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.

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.

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.

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

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.

USE OF MULTIPLE PRODUCTS:

No two products which contain active ingredient, Copper or Copper Sulfate, can be applied to the same water body at the same time.

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

No two products which contain the active ingredient, Fluridone, can be applied to the same water body at the same time.

No two products which contain the active ingredient, Glyphosate, can be applied to the same water body at the same time.

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. Applicators 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.

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.

STATE OWNED AQUATIC SITES: All aquatic pesticide applications to NJDEP owned aquatic sites must be additionally approved by NJDEP's Office of Natural and Historic Resources prior to any treatments being performed. If this approval is accompanied by additional specifications, consider these a condition of the approved Aquatic Pesticide General Permit.

APPENDIX C - Record of Actual Treatment (RAT)

Visit the Bureau of Pesticide Compliance and Enforcement website at: **www.pcpnj.org**, to download the most recent version of the RAT Form, **BPO-03 and BPO-06**. To access these forms, click on Permits, Permit Application Form, Record of Actual Treatment and follow the instructions. This form must be submitted annually by **December 31st** of the treatment year.