**TEMPLATE FOR**

**PESTICIDE DISCHARGE MANAGEMENT PLAN (PDMP)**

**SPDES GP-0-16-005**

The use of this template is acceptable in meeting the PDMP documentation requirements described in Part III.B.1 of the SPDES Pesticide General Permit, GP-0-16-015. Alternative formats may also be used by operators to meet the PDMP documentation requirements described in Part III.B.1. In accordance with Part III.B.2 of the SPDES Pesticide General Permit, the PDMP may incorporate by reference any procedures or plans in other documents that meet the PDMP requirements of this SPDES general permit. The operator must attach to the PDMP a copy of any documents (e.g. Article 15 permit) that are used to document procedures and implementation of the control measures in this SPDES General Permit.

Operators which are not required to complete and document a PDMP are identified in Part III.B.3 of the SPDES Pesticide General Permit. All other operators are required to complete and document the PDMP elements in the operator’s records prior to submitting a Notice of Intent (NOI) for coverage under the SPDES general permit. The PDMP is not to be submitted with the NOI, but must be is maintained in operator records, as required in Part VI.E of the SPDES general permit. Requirements for updates and other modifications of the PDMP in the documented records of operators are described in Part III.B.1 (e) of the SPDES Pesticide General Permit. PDMP updates shall include revisions to any of the information below. This may consist of information on actual pesticide applications after the pesticide application (dates of application, total amounts and rates of pesticide application, location and size of the treatment area) if they differ from the information included in the original PDMP, or if new treatment areas are added after the NOI was completed. Modifications may also include updates of PDMP information which could not be specifically determined prior to the Notice of Intent.

**I. OPERATOR/STAFF IDENTIFICATION**

A. Name of Operator:

B. Name and Title of Authorized Person Signing the PDMP:

C. Name of person responsible for maintaining/updating PDMP:

D. Operator Street Address:

E. Operator mailing address:

F. Operator Telephone number:

G. Operator E-mail address:

H. Name of pesticide Business/Agency performing application:

1. Address:

 City:

 State:

 Zip:

J. Name of certified Applicator performing the application:

K. Certified Applicator Identification number:

L. Certified Applicator telephone:

M. Certified Applicator Email:

N. Name of person responsible for developing, revising, implementing Corrective Actions:

O. On a separate sheet of paper, list the name, address, and role of any other individual involved with the pesticide application, as indicated in Part III.C of the general SPDES permit.

**II. PEST MANAGEMENT AREA DESCRIPTION:**

In cases where the PDMP addresses multiple pest management areas or treatment areas under a single NOI, as described in Part II.A of the SPDES general permit, each pest management area or treatment area must be documented in the PDMP. Use additional sheets with all required information, as necessary. Where certain information (e.g., treatment area size) may not be determined at the time of the Notice of Intent, the operator shall document that information in updates to PDMP as required in Part III.B.1 (e) of the SPDES general permit, within 30 days of the discharge. Key terms (e.g. pest management area and treatment area) are defined in Appendix A – Definitions in the SPDES general permit.

1. Target Pest(s):

B. Waterbody name (where known):

C. Is Waterbody Class A? (Y / N):

D. County:

E. Town:

F. Treatment Area Latitude/Longitude

 (Decimal Degrees: e.g. 42.319562, -72.597656):

G. Pest Management Area size (acres or linear miles):

H. Location and total size of treatment area(s):

I. Delineate the following information on a map. The map can be hand drawn, or can be copied from a published map sheet. It should be of adequate scale for all required information to be readily identifiable. If the pesticide discharge will occur in a large waterbody, i.e., one that cannot be shown easily on a single map drawing with sufficient scale, then an area should be depicted to enable an adequate indication of the location of the discharge relative to the surrounding area:

* The pest management area wherein the discharge will occur;
* The treatment area(s), including location within the pest management area.

III. CONTROL MEASURES TO MINIMIZE DISCHARGES:

All operators required to complete a PDMP are also required to complete an Integrated Pest Management (IPM) evaluation. Completing this section of the PDMP satisfies the requirement to complete an IPM evaluation, as described in Part III.A.5 of the SPDES general permit.

1. Identification of the problem or impacts that the pest is causing.
2. Identification of the level of pestpopulation that can be tolerated before a pesticide application is warranted.
3. Description of alternative methods for pestcontrol or resolving the problems caused by the pest, including an assessment of any alternative methods that have been attempted, implemented, and/or rejected. Examples of alternative methods that may be described include:
	* + 1. Physical control measures (e.g., water level drawdown, harvesting, phosphorus/nutrient management, septic management, etc.), if any, used (currently or in the past) to attempt to control or reduce the growth of the target pest species, and / or minimize the discharge of pesticides. These activities may include those implemented by entities not including the operator (e.g. watershed management, agricultural environmental management, etc.); and
			2. Biological control measures, if any, used (currently or in the past) to attempt to control or reduce the growth of the target species and / or minimize the discharge of pesticides; and
			3. Any additional control measures used (currently or in the past) to minimize the discharge of pesticides
4. Identification of pest problem prevention measures that may be employed by the operator to minimize future problems and reduce the need for control through pesticide application. These may include outreach and education programs.

**IV. CONTROL MEASURES - PESTICIDE/TREATMENT INFORMATION**

In cases where the PDMP addresses multiple pesticide applications or pesticide products under a single NOI, as described in Part II.A of the SPDES general permit, each application and pesticide product must be documented in the PDMP. Use additional sheets with all required information, as necessary. Where certain information (e.g., date of pesticide application, total amount of pesticide applied) may not be determined at the time of the Notice of Intent, the operator shall document that information in updates to PDMP as required in Part III.B.1(e) of the SPDES general permit, within 30 days of the discharge.

A. Pesticide product(s):

 Include commercial trade name(s), EPA Registration Number(s)

B. Date(s) of pesticide application:

C. Total amount of pesticide applied:

D. Pesticide application rate/dose:

**V. CONTROL MEASURES - PROCEDURES, SCHEDULES, AND EQUIPMENT**

Operators may reference and attach other plans or procedures pertaining to these elements, as described in the Template introduction, and in Part III.B.2 of the SPDES general permit

A. Application Equipment: List and describe equipment to be used to apply the pesticide. Describe schedule and procedures for equipment maintenance. Use additional sheets as necessary.

B. Monitoring:

* 1. Assess weather conditions prior to pesticide application. (e.g. temperature, precipitation, wind speed)
	2. Describe schedules and procedures of visual assessments for adverse incidents of the pest management area and treatment areas, including those conducted during any pesticide application, when considerations for safety allow, and during any post-application surveillance or efficacy check that is conducted by the operator, or under the operator’s supervision or direction.

C. Spill Response: At a minimum, Operators must have procedures for expeditiously stopping, containing, and cleaning up leaks, spills and other releases to surface waters. Procedures must include notification of appropriate facility personnel and regulatory agencies, as applicable.

D. Adverse Incident: At a minimum, Operators must have procedures for responding to an adverse incident from pesticide applications in accordance with Part IV.D of the SPDES general permit.

VI. SIGNATORY:

 I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained 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 knowing violations.

Signature:

Title:

Date:

Date plan last updated/reviewed: