

California Regional Water Quality Control Board
San Diego Region

MONITORING AND REPORTING PROGRAM No. 2001-160
FOR
DISCHARGERS OF AQUATIC PESTICIDES
TO WATERS OF THE UNITED STATES

DOCUMENTATION

The Discharger shall maintain records of the location of all treatment areas, the names of the water bodies treated and, where appropriate, the surface area of the water treated. The type, name, concentration and amount of chemicals used during each treatment shall also be recorded. Where treatments continue for more than one day, the amount of chemical used shall be recorded at least weekly.

IMPACTED AREA MONITORING

Water samples shall be collected quarterly and analyzed for the active ingredients in the pesticide(s) applied. The Discharger shall conduct the monitoring in a manner that ensures that all pesticides used during a calendar quarter are subject to water quality monitoring at least once during that period of time. All sample collection, transport and analyses shall be conducted following procedures approved by U.S. Environmental Protection Agency.

For natural flowing water bodies, the sample shall be taken immediately downstream of the treatment area within one hour following the application of pesticides. For canals and other man-made conveyance facilities, the samples shall be taken at the point at which treated water is discharged to a natural water body (sampling is not required if no such discharge occurs). For lakes and other quiescent water bodies, samples shall be taken within 10 feet of any spot treatments within four hours of the application. Where the entire lake is treated, the sample shall be taken at the point where water leaves the water body and within 4 hours of the application.

For each site where samples are collected, the discharger shall develop a sketch showing the treatment area, the location of the monitoring site(s) relative to the treatment area, the shore, and direction of water movement. The depth at which the sample is collected shall also be recorded.

The Discharger shall complete a chain of custody form (usually available from the analytical laboratory) showing:

1. Names of parties collecting and transporting sample
2. Time of sample collection and delivery to lab
3. Type and volume of sample bottle
4. Method of sample preservation (ice, acid, etc.)

REPORTING

Prior to conducting any operations involving aquatic pesticides, the Dischargers shall provide the Board with the following information:

1. A map indicating water bodies to be treated.
2. A complete list of the chemicals to be used, including adjuvants.
3. A proposed schedule and anticipated duration of activities.

The discharger shall submit a calendar-year annual report to the Board by 31 January of each year. The report shall contain tabular summaries of the pesticide monitoring data obtained during the year in a format that satisfies the requirements for inclusion in the Department of Pesticide Regulation's surface water database.

Sketches of sample locations, chain of custody forms and other information developed as part of this monitoring program shall be maintained by the discharger and submitted to the Regional Board upon request. Correspondence and monitoring reports shall be sent to:

Executive Officer
California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124

QUALITY ASSURANCE PLAN

The Discharger shall develop and submit a Quality Assurance Plan (QAP) for this monitoring program by January 1, 2002. This QAP shall address all aspects of the monitoring program. Following development of the QAP, the Discharger shall follow the procedures specified in this document.

Ordered by

John H. Robertus
Executive Officer

May 4, 2001