

6.05 Golf Course Permit

- (a) No person shall use a pesticide on a golf course without first obtaining a permit from the Secretary.
- (b) The Secretary shall issue, amend, or deny a permit after consideration of risk to human health and the environment and review of the integrated pest management and nutrient management plans, and the past compliance history of the golf course.
- (c) For a new or expanded golf course the Secretary may require proof that the course was built as represented in the submitted site plan.
- (d) Initial application.
 - (1) A complete and accurate permit application shall be made, on a form provided by the Secretary, prior to an application for the purpose of maintaining golf course turf.
 - (2) An application for a golf course permit shall contain all information requested in the application, that shall include:
 - (A) the name and contact information of the golf course;
 - (B) the mailing address and E911 golf course address;
 - (C) a general description of the golf course as it exists or is designed;
 - (D) a mapped site plan;
 - (E) an integrated pest management plan; and
 - (F) a nutrient management plan.
 - (3) The mapped site plan provided to the Secretary shall include:
 - (A) the tees, greens, and fairways;

- (B) all surface waters;
 - (C) all public water sources or potable water sources on or within 200 feet of an abutting property line;
 - (D) property boundary lines;
 - (E) all buildings and a description of their uses;
 - (F) a legend, scale, and north designation;
 - (G) surface acreage and average depth of ponded surface waters and identification of primary source of potable water supply;
 - (H) a soils map and key as mapped by the U. S. Natural Resources Conservation Service;
 - (I) the square footage of each green and tee and an identification of each green or tee located within 100 feet of surface water;
 - (J) an approximate acreage of fairways and roughs; and
 - (K) the location of any proposed buffer to protect surface water, groundwater, and environmentally sensitive areas.
- (4) The integrated pest management plan shall include:
- (A) a general statement of policy and goals;
 - (B) an identification of the species to be maintained, the scheduled frequency and method of maintenance, and an evaluation of non-chemical control options;
 - (C) a description of biological and cultural pest management strategies and practices that will be used and will identify pest thresholds;
 - (D) a description of the location of pesticide storage and handling areas including a spill response plan;
 - (E) a description of irrigation practices used;
 - (F) a description of any unique features or practices that may minimize pest pressure; and
 - (G) the description, including the location, of any proposed buffer established to protect surface water, groundwater, and environmentally sensitive areas.
- (5) The nutrient management plan shall include:
- (A) a description of the goals of the nutrient management plan;
 - (B) an identification of any area where a nutrient application will be made including greens, tees, fairways and roughs; and
 - (C) a description of the process for interpreting soil test results based on accepted university or Agency recommendations and consistent with the nitrate leaching index.
- (6) A permit applicant shall provide information for any pesticide being requested for use at the golf course, that shall include:

- (A) the pesticide product name and EPA Registration Number;
 - (B) any active ingredient;
 - (C) the proposed rate of application, site of application, number of applications per year, acres to be treated, and target pest for each application;
 - (D) the anticipated total annual amount of each active ingredient; and
 - (E) a demonstration that use of the pesticide will not exceed ground or surface water standards using dilution analyses calculations or other methods approved by the Secretary.
- (7) All initial permit applications shall be published by the Secretary for a 30-day comment period prior to any issuance of a permit.
- (e) Permittee testing and buffer requirements.
- (1) A golf course permit holder shall sample and test areas receiving fertilizer applications at a minimum of once every three years; be collected according to university recommendations or other methods approved by the Secretary; and analyzed for:
 - (A) available phosphorus using Modified Morgan Extraction method or other methods approved by the Secretary;
 - (B) potassium;
 - (C) pH;
 - (D) reactive aluminum; and
 - (E) soil organic matter.
 - (2) The Secretary may require sampling and analysis of relevant groundwater or surface water such as those described in subdivisions (d)(3)(B)-(D) of this section.
 - (3) Any golf course permit or permit amendment shall be conditioned to include buffer strips for the purposes of protecting surface waters, groundwater, or other environmentally sensitive areas that shall, at a minimum, be established as follows:
 - (A) be 100-feet from all potable water sources and public non-community groundwater drinking water sources;
 - (B) be 200-feet from all public community drinking water sources and intakes, and surface water public non-community drinking water intakes;
 - (C) be 25 feet from all flowing surface waters;
 - (D) be 10 feet from impounded surface waters wholly on the golf course property; and
 - (E) be 25 feet from impounded surface waters not wholly on the golf course property.
 - (4) The Secretary may modify these buffers upon written request. Buffer modifications shall be considered on a case-by-case basis.
- (f) Permittee recordkeeping and posting requirements.

- (1) Routine pesticide application records shall be maintained on a daily basis for a period of five years and shall be made available to the Secretary or their designee upon request.
- (2) Routine pesticide application records shall contain:
 - (A) date and time of application;
 - (B) site of application (tee, green, fairway, rough etc.);
 - (C) pesticide applied and EPA Registration Number;
 - (D) amount of pesticide product used;
 - (E) active ingredient(s) in product applied;
 - (F) amount of active ingredient(s) applied in pounds;
 - (G) pest or pests treated for; and
 - (H) weather conditions at the time of application.
- (3) Routine records for nutrient application shall be maintained on a daily basis for a period of five years and shall be made available to the Secretary or their designee upon request.
- (4) Routine records for nutrient application shall contain:
 - (A) date of application;
 - (B) site of application (tee, green, fairway, rough etc.);
 - (C) grade or nutrient analysis of the fertilizer applied;
 - (D) area of application in acres or square feet;
 - (E) amount of product used;
 - (F) university or Agency-approved recommendation relied upon for nitrogen application;
 - (G) university or Agency-approved recommendation relied upon for phosphorous application; and
 - (H) amount of nitrogen and phosphorus applied per thousand square feet.
- (5) Any pesticide application made on golf course turf-grass or landscape plants shall require the posting of a written notice on the clubhouse bulletin board or the first tee.
 - (A) The written notice shall contain the information specified under Section 7.01(c)(1)-(6) and include the specific location and number of each fairway, green, tee and driving area, etc., where pesticide is applied.
 - (B) The notice shall be posted prior to application and remain on the bulletin board or the first tee for at least 24 hours after application.
 - (C) Upon request, a pesticide label and Safety Data Sheet for the specific product(s) used shall be made available to any golfer using the facility or course employee.
- (6) Maintenance of records and reports of pesticide application as provided in subsection 6.05(f) shall exempt a golf course or certified applicator employed by a golf course from the reporting requirements of Sections 8.02, 8.04, and 8.07.

- (7) The permittee shall have an up-to-date mapped site plan, integrated pest management plan, and nutrient management plan at the course at all times and make them available to the Secretary upon request.
- (g) A complete and accurate permit renewal for the maintenance of golf course turf shall be made on a form provided by the Secretary annually at the end of the calendar year and prior to any application in the subsequent year. An application for a golf course permit renewal shall contain all information requested in the application, that may include:
 - (1) A report of the previous year's pesticide usage.
 - (2) A report of the previous year's fertilizer usage containing the:
 - (A) total amount of nitrogen and phosphorus used in the preceding calendar year;
 - (B) total amount of nitrogen and phosphorous applied at each application site including tees, greens, fairways, and roughs; and
 - (C) average rate of nitrogen and phosphorus used per acre (or per 1000 sq. ft.) for each site of application.