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# FACT SHEET

## General Permit For General Aviation Facilities

**KPDES No.:** KYG150000

**AI No.:** 35050

**Date:** August 1, 2014

### Public Notice Information

Public Notice Start Date: April 1, 2014

Comment Due Date: May 2, 2014

Information concerning the public notice process may be obtained on the Division of Water's Public Notice Webpage at the following address:

[http://dep.gateway.ky.gov/eSearch/Search\\_Pending\\_Approvals.aspx?Program=Wastewater&NumDaysDoc=30](http://dep.gateway.ky.gov/eSearch/Search_Pending_Approvals.aspx?Program=Wastewater&NumDaysDoc=30)

Comments may be filed electronically at the following e-mail address: [DOWPublicNotice@ky.gov](mailto:DOWPublicNotice@ky.gov)

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# **SECTION 1**

## **FACILITY INFORMATION**

## **1. FACILITIES COVERED**

This general permit covers discharges of stormwater associated with general aviation facilities located within the physical and political boundaries of the Commonwealth of Kentucky.

### **1.1. Eligibility Requirements**

General aviation is all civil aviation operations other than scheduled air services and nonscheduled air transport operations for remuneration or hire. Include within the general aviation category are public and private airports and heliports that do not provide scheduled or chartered passenger services. Scheduled or commercial air services are provided by the airlines.

### **1.2. Exclusions**

The following activities are excluded from coverage under this general permit:

- 1) Commercial Service Airports;
- 2) Military Airports; and
- 3) Airports for which the Division of Water (DOW) has determined would be more appropriately addressed by an individual permit or an alternate general permit.

### **1.3. Location**

Within the 120 counties of the Commonwealth of Kentucky

### **1.4. Permitting Action**

First issuance of a general KDPES permit (KYG150000) addressing discharges of stormwater runoff from general aviation facilities.

## **SECTION 2**

### **RECEIVING WATER INFORMATION**

## **2. RECEIVING / INTAKE WATERS**

### **2.1. Receiving Waters**

Those water bodies of the Commonwealth that comprise the Mississippi and Ohio River basins and sub-basins within the political and geographic boundaries of Kentucky.

### **2.2. Stream Segment Use Classifications**

Includes all water bodies that have been designated by DOW singularly or in combination thereof as: Warmwater Aquatic Habitat, Coldwater Aquatic Habitat, Primary Contact Recreation, Secondary Contact Recreation, Outstanding State Resource Waterk, and/or Domestic Water Supply.

### **2.3. Stream Segment Antidegradation Categorization**

Included are those water bodies which have been categorized as High Quality Waters, Impaired Waters, Exceptional Waters, or Outstanding National Resource Waters.

### **2.4. Stream Low Flow Condition**

The 7-day, 10-year low flow conditions of the receiving streams can range from zero (0) cubic feet per second (cfs) to 111,000 cfs for the Mississippi River.

# **SECTION 3**

## **REQUIREMENTS**

### **3. REQUIREMENTS**

The operator of the general aviation operations shall select and employ Best Management Practices (BMPs) to control and minimize potential water pollution resulting from stormwater runoff that contacts the operation. These practices shall address aircraft and equipment maintenance and fueling areas, runway maintenance, and other areas of the operation that may contaminate stormwater runoff that may contact these areas. These BMPs shall be documented in a BMP Plan developed in accordance with the requirements specified in Section 3 of this permit by the operator of the facility. The BMP Plan shall be maintained at the facility and made readily available to Energy and Environmental Cabinet (EEC) representatives upon request.

## **SECTION 4**

### **JUSTIFICATION OF REQUIREMENTS**

#### **4. JUSTIFICATION OF REQUIREMENTS**

The Kentucky Administrative Regulations (KARs) cited have been duly promulgated pursuant to the requirements of Chapter 224 of the Kentucky Revised Statutes (KRSs). Pursuant to 401 KAR 5:065, Section 2(4) [40 CFR 122.44], each federally or delegated state-issued NPDES permit shall include conditions meeting technology-based effluent limitations and standards and water quality standards and state requirements.

Pursuant to 401 KAR 5:060, Section 8 [40 CFR 122.26] discharges of storm water associated with an industrial activity are required to obtain a Kentucky Pollutant Discharge Elimination System (KPDES) permit. Transportation facilities classified as Standard Industrial Classifications (SIC) Code Major Group 45 – Transportation by Air which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations are included in the definition of an industrial activity.

According to the GlobalAir.Com webpage there are 249 civil public or private airports and other aviation facilities within the Commonwealth of Kentucky. Of these there are 60 public and 189 private operations consisting of 4 ultra-light fields, 5 commercial airports, 94 heliports, and 156 non-commercial airports.

This general permit does not cover the 5 commercial airports or any military airports.

##### **4.1. BMPs**

The majority of the non-commercial public airports have asphalt runways, maintenance capabilities, and fueling options. Most do not have control towers, some have hanger facilities, and none perform runway deicing. Less is known about the private operations other than runways are typically turf or bituminous concrete (heliports). Most private operations do not have hangers, control towers, maintenance, or fueling facilities.

Given the factors discussed above, DOW has determined the most effective and equitable approach to controlling the quality of discharges from general aviation sites is the implementation of BMPs by the operator of the facility. This approach is consistent with the requirements of 401 KAR 5:065, Section 2(4) [40 CFR 122.44 (k)].

**SECTION 5**  
**SCHEDULE OF COMPLIANCE**  
**AND**  
**OTHER CONDITIONS**

## **5. SCHEDULE OF COMPLIANCE AND OTHER CONDITIONS**

### **5.1. Schedule of Compliance**

The permittee shall attain compliance with all requirements of this permit on the effective date of this permit unless otherwise stated below:

### **5.2. Antidegradation**

The eligible sites and the activities conducted on them are not, and will not result in, new or expanded discharges; therefore the requirements of 401 KAR 10:029, Section 1 are met.

### **5.3. Notice of Intent (NOI)**

Due to a number of factors including the: (1) potential number of sites that are eligible for this permit, (2) wide variability of the operators and their resources, and (3) limited resources of the DOW, the agency is not requiring the submission of a NOI. This requirement is consistent with 401 KAR 5:055, Section 8 [40 CFR 122.28].

## **SECTION 6**

### **OTHER INFORMATION**

**6. OTHER INFORMATION****6.1. Permit Duration**

The permit duration shall be five (5) years from the effective date unless modified or reissued. This permit includes facilities in all five Basin Management Units of the Kentucky Watershed Management Framework.

**6.2. References and Cited Documents**

All material and documents referenced or cited in this fact sheet are parts of the permit information as described above and are readily available at the Division of Water Central Office. Information regarding these materials may be obtained from the Division of Water's Open Records Coordinator at (502) 564-3410 or by e-mail at [DEP.KORA@ky.gov](mailto:DEP.KORA@ky.gov).