

**KYG11 - Construction Material Manufacturing Operations  
(Concrete and Asphalt Plants)**

**New General Permit  
Effective 2-1-15; Expires 1-31-20**

Establishments engaged in the manufacture and delivery of concrete products (Pre-Cast Plants – Standard Industrial Classification (SIC) Code 3272), asphalt paving mixtures (Hot Mix Plants – SIC Code 2951) or Portland cement concrete in a plastic and unhardened state (Ready Mix Plants- SIC Code 3273). The Pre-Cast Plants are primarily engaged in the manufacturing of concrete products, except block and brick including, but not limited to, 1) concrete building materials, 2) concrete columns, 3) concrete pipes, and 4) concrete tanks. Included within the Hot Mix Plant category are those establishments that are not petroleum refineries but manufacture: 1) asphalt and asphalt mixtures for paving, 2) asphalt paving blocks, 3) asphaltic concrete, 4) coal tar paving materials, 5) composition blocks for paving, 6) bituminous concrete, 7) bituminous road materials, and 8) tar and asphalt paving mixtures. The Ready Mix Plant category includes: 1) central-mixed, 2) ready-mixed, 3) shrink-mixed, and 4) truck-mixed concrete.

- [Fact Sheet](#)

- [Response to Comments](#)

- ◆ [General Permit](#)

- ▶ [eNOI \(application\) - KPDES FORM eNOI KYG11](#)

- [eNOI \(application instructions\)](#)

- [Stormwater Pollution Prevention Plan \(SWPPP\)/Best Management Practices \(BMP\) Plans guidance documents](#)

**KYG15 - General Aviation Airports**  
**New - General Permit: Effective 9-1-14**  
**Available 9-1-14 for new coverage**

This general permit covers discharges of stormwater associated with general aviation facilities located within the physical and political boundaries of the Commonwealth of Kentucky. General aviation is all civil aviation operations other than scheduled air services and nonscheduled air transport operations for remuneration or hire. Included 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 and are not eligible for coverage under this general permit.

- **Fact Sheet:**

<http://dep.ky.gov/formslibrary/Documents/KYG15%20-%20Aviation%20Final%20Fact%20Sheet.pdf>

- ◆ **General Permit:**

<http://dep.ky.gov/formslibrary/Documents/KYG15%20-%20Aviation%20Final%20Permit.pdf>

- ▶ **NOI (application) - No application will be required for KYG15; coverage is automatic for general aviation airports beginning September 1, 2014.**

- **Stormwater Pollution Prevention Plan (SWPPP)/Best Management Practices (BMP) Plans guidance documents**

<http://dep.ky.gov/formslibrary/Documents/SWPPP.pdf>

**KYG20 - Storm Water Associated with  
Phase II Municipal Separate Storm Sewer Systems (MS4s)  
Effective 4-1-10; Expires 3-31-15**

This general permit authorizes the discharge of pollutants in stormwater discharges associated with Phase II Small Municipal Separate Storm Sewer Systems (SMS4s). The MS4 program is responsible for the regulation of polluted stormwater runoff that is commonly transported through MS4s, from which it is often discharged untreated into local waterbodies. To prevent harmful pollutants from being washed or dumped into an MS4, operators must obtain coverage under this general permit and develop a stormwater management program.

◆◆ **Fact Sheet and General Permit:**

[http://water.ky.gov/wet\\_weather/Documents/Phase%20II%20General%20Permit%20Issued.pdf](http://water.ky.gov/wet_weather/Documents/Phase%20II%20General%20Permit%20Issued.pdf)

▶ **NOI (application) - pdf - KPDES FORM NOI-SW/SMS4:**

<http://dep.ky.gov/formslibrary/Documents/NOISMS4.pdf>

▶ **NOI (application) - Word - KPDES FORM NOI-SW/SMS4:**

<http://dep.ky.gov/formslibrary/Documents/NOISMS4.doc>

**KYG40 - On-Site Wastewater Treatment Systems  
Serving Individual Family Residences  
Effective 8-1-13; Expires 7-31-18**

In order to qualify for coverage under the general permit for Individual Family Residence, the treatment system that serves the residence must include the following minimum treatment technology: extended aeration plus sand filtration plus disinfection.

- **Fact Sheet:**

<http://water.ky.gov/permitting/General%20Permit%20Fact%20Sheets/KYG400000IndividualFamilyResidences.pdf>

- ◆ **General Permit:**

<http://dep.ky.gov/formslibrary/Documents/KYG40%20IFR%20Permit.pdf>

- ▶ **NOI (application - **Renewal only**) - pdf - FORM MODIFIED NOI-IFR FOR RENEWALS:**

<http://dep.ky.gov/formslibrary/Documents/KYG40%20IFR%20Renewal%20Package.pdf>

- ▶ **The following two application forms are for new or replacement systems:**

- ▶ **NOI (application) - pdf - FORM NOI-IFR:**

<http://dep.ky.gov/formslibrary/Documents/NOIFR113009.pdf>

- ▶ **NOI (application) - Word - FORM NOI-IFR:**

<http://dep.ky.gov/formslibrary/Documents/NOIFR113009.docx>

- **Inspection Report Form - Word:**

<http://dep.ky.gov/formslibrary/Documents/IFR%20OSWTS%20Inspection%20Report.docx>

**KYG50 - Highway Maintenance and Equipment Facilities**

Effective 4-1-03; Expired 3-31-08

Currently not available for new coverage

◆ Fact Sheet and General Permit:

<http://dep.ky.gov/formslibrary/Documents/KYG50%20Highway%20Maintenance%20and%20Equipment%20Facilities%20FS%20and%20Permit.pdf>

## **KYG64 - Drinking Water Production**

Effective 6-1-11; Expires 5-31-16

This general permit authorizes the discharge of pollutants in filter backwash water and other wastewaters associated with drinking water production from municipal, private, state, and federal Water Treatment Plants (WTPs) that use conventional treatment.

### **◆ Fact Sheet and General Permit:**

<http://dep.ky.gov/formslibrary/Documents/KYG64%20Drinking%20Water%20Production.pdf>

#### **▶ NOI (application) - pdf - FORM NOI-WTP:**

<http://dep.ky.gov/formslibrary/Documents/NOIWTP.pdf>

#### **▶ NOI (application) - Word - FORM NOI-WTP:**

<http://dep.ky.gov/formslibrary/Documents/NOIWTP.doc>

#### **▶ NOT (Notice of Termination) - pdf - FORM NOT-WTP:**

<http://dep.ky.gov/formslibrary/Documents/NOTWTP.pdf>

#### **▶ NOT (Notice of Termination) - Word - FORM NOT-WTP:**

<http://dep.ky.gov/formslibrary/Documents/NOTWTP.doc>

## **KYG84 - Noncoal (Mineral) Mining Operations**

Effective 2-1-15; Expires 1-31-20

**Revised**

In order to qualify for coverage under the Non-coal general permit, the mining operation must have obtained or is obtaining a Permit Program Permit from the Department for Natural Resources (DNR) (except those operations listed in Part III of the Non-coal General Permit).

- **Fact Sheet:**

<http://dep.ky.gov/formslibrary/Documents/FinalFactSheetKYG840000.pdf>

**Response to Comments:**

[http://dep.ky.gov/formslibrary/Documents/S\\_FinalRTC\\_KYG840000.pdf](http://dep.ky.gov/formslibrary/Documents/S_FinalRTC_KYG840000.pdf)

- ◆ **General Permit:**

[http://dep.ky.gov/formslibrary/Documents/S\\_FinalPermitKYG840000.pdf](http://dep.ky.gov/formslibrary/Documents/S_FinalPermitKYG840000.pdf)

- ▶ **eNOI (application) - KPDES FORM eNOI KYG84:**

<https://dep.gateway.ky.gov/eForms/default.aspx?FormID=38>

**eNOI (application instructions)**

[https://dep.gateway.ky.gov/eForms/Controls/KPDES\\_FormKYG84\\_Instructions.htm](https://dep.gateway.ky.gov/eForms/Controls/KPDES_FormKYG84_Instructions.htm)

**KYG99 - Pesticide Application**  
Effective 4-1-12; Expires 3-31-17

This general permit authorizes the discharge of pollutants occurring from applying liquid pesticides under circumstances that make contact with surface water either intentional or unavoidable. The permit requires a Pesticide Discharge Management Plans (PDMPs) for certain facilities before they begin applying pesticide.

◆ **Fact Sheet and General Permit**

<http://water.ky.gov/permitting/Documents/Final%20Pesticides%20Permit%20RTC%20KYG99000.pdf>

## **KYR00 - Storm Water Associated with Industrial Activities**

Effective 6-1-13; Expires 5-31-18

This general permit is available for a facility that would be required to have a KPDES permit due to the discharge of stormwater runoff associated with industrial activity provided the facility meets the eligibility and Notice of Intent (NOI) requirements of this permit. Operators of industrial facilities have the opportunity to certify a condition of "no exposure" if their industrial materials and operations are not exposed to stormwater.

- **Fact Sheet:**

<http://water.ky.gov/permitting/General%20Permit%20Fact%20Sheets/Final%20General%20Fact%20Sheet%20KYR00%20Other%20Facilities.pdf>

- ◆ **General Permit:**

<http://water.ky.gov/permitting/General%20Permit%20Fact%20Sheets/S%20Final%20General%20Permit%20RTC%20KYR00%20Other%20Facilities.pdf>

- ▶ **eNOI (application) - electronic format - eNOI-KYR00**

<https://dep.gateway.ky.gov/eForms/Default.aspx?FormID=30>

- eNOI (application instructions) - electronic format**

[https://dep.gateway.ky.gov/eForms/Controls/NOIKY00\\_Instructions.htm](https://dep.gateway.ky.gov/eForms/Controls/NOIKY00_Instructions.htm)

- ▶ **eNOT (termination) - electronic format - KPDES FORM NOT-SW**

<https://dep.gateway.ky.gov/eForms/default.aspx?FormID=5>

- **Guidance: Stormwater Discharge Associated with Industrial Activity**

<http://water.ky.gov/permitting/Pages/GeneralPermits.aspx>

- **Guidance:**

<http://dca.ky.gov/DCA%20Resource%20Document%20Library/Kentucky%20General%20Stormwater%20Permits.pdf>

<http://water.ky.gov/permitting/General%20Permit%20Fact%20Sheets/Stormwater%20Discharge%20Associated%20with%20Industrial%20Activity%20-%20Eligible%20Facilities.doc>

- **Stormwater Pollution Prevention Plan (SWPPP)/Best Management Practices (BMP) Plans guidance documents**

<http://dep.ky.gov/formslibrary/Documents/SWPPP.pdf>

## **Storm Water Associated with Industrial Activities - No Exposure**

A condition of no exposure exists at an industrial facility when all industrial materials and activities are protected by a storm resistant shelter to prevent exposure to rain, snow, snowmelt, and /or runoff. Industrial materials or activities include, but are not limited to, material handling equipment or activities, industrial machinery, raw materials, intermediate products, by-products, final products, or waste products. Material handling activities include the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product or waste product. The exclusion from KPDES permitting is available on a facility-wide basis only, not for individual outfalls. If any industrial activities or materials are or will be exposed to precipitation, the facility is not eligible for the no exposure exclusion.

To be eligible for no exposure, none of the following conditions may occur for which materials or activities are exposed to precipitation:

1. Using, storing or cleaning industrial machinery or equipment, and areas where residual from using, storing or cleaning industrial machinery or equipment remain and are exposed to stormwater
2. Materials or residuals on the ground or in stormwater inlets from spills or leaks
3. Materials or products from past industrial activity
4. Material handling equipment (except adequately maintained vehicles)
5. Materials or products during loading or unloading of transporting activities
6. Materials or products stored outdoors (except final products intended for outside use [e.g. new cars] where exposure to stormwater does not result in the discharge of pollutants)
7. Materials contained in open, deteriorated or leaking storage drums, barrels, tanks, and similar containers
8. Materials or products handled or stored on roads or railways owned or maintained by the discharger
9. Waste material (except waste in covered, non-leaking containers [e.g., dumpsters])
10. Application or disposal of process wastewater (unless otherwise permitted)
11. Particulate matter or visible deposits of residuals from roof stacks and/or vents not otherwise regulated (i.e., under an air quality control permit) and evident in the stormwater overflow

► **No Exposure Certification - Electronic format - KPDES FORM NE:**

<http://dep.ky.gov/formslibrary/Documents/eForm-NE.htm>

**KYR10 - Storm Water Construction**  
**Effective 12-1-14; Expires 11-30-19**

This general permit authorizes the discharge of pollutants in storm water discharges associated with both small and large construction activities. As used in this permit, “storm water associated with construction activity” refers to the disturbance of one or more acres or is a part of a larger common plan of development or sale if the larger common plan will ultimately disturb one acre or more.

Paper notices of intent and termination are no longer accepted. Electronic NOI/NOT can be filed using the links below.

- **Fact Sheet:**

- [http://water.ky.gov/permitting/General Permit Fact Sheets/Final Fact Sheet KYR100000.pdf](http://water.ky.gov/permitting/General%20Permit%20Fact%20Sheets/Final_Fact_Sheet_KYR100000.pdf)

- ◆ **General Permit:**

- [http://water.ky.gov/permitting/General Permit Fact Sheets/S\\_Final Permit KYR100000.pdf](http://water.ky.gov/permitting/General%20Permit%20Fact%20Sheets/S_Final_Permit_KYR100000.pdf)

- ◆ **Response to Comments:**

- [http://water.ky.gov/permitting/General Permit Fact Sheets/S\\_Final RTC KYR100000.pdf](http://water.ky.gov/permitting/General%20Permit%20Fact%20Sheets/S_Final_RTC_KYR100000.pdf)

- ▶ **eNOI (application) - FORM eNOI-SWCA:**

- <https://dep.gateway.ky.gov/eForms/default.aspx?FormID=7>

- ▶ **eNOT (Termination) - FORM eNOT-SWCA:**

- <https://dep.gateway.ky.gov/eForms/default.aspx?FormID=5>

- ~~**Guidance: Kentucky Erosion Prevention and Sediment Control Field Guide**~~

- ~~<http://conservation.ky.gov/Publications/Kentucky%20Erosion%20and%20Sedimentation%20Control%20Field%20Guide.pdf>~~

- **Stormwater Pollution Prevention Plan (SWPPP)/Best Management Practices (BMP) Plans guidance documents**

- <http://dep.ky.gov/formslibrary/Documents/SWPPP.pdf>

### **Antidegradation - SDAA**

The Energy and Environment Cabinet finds that the lowering of water quality in high-quality streams accommodates important economic and social development in the area in which these waters are located. These findings are based on information submitted by the permittee in accordance with 401 KAR 10:030 [<http://www.lrc.ky.gov/kar/401/010/030.htm>] and its supporting record. The Antidegradation Implementation Procedure found in 401 KAR 10:030, Section 1 (3)(b)3., requires KPDES permit applications for new or expanded discharges to waters categorized as “Exceptional or High Quality Waters” to conduct a socioeconomic demonstration and alternatives analysis (SDAA) to justify the necessity of lowering local water quality to accommodate important economic or social development in the area in which the water is located. This antidegradation requirement could apply to any general permit or individual permit.

- ▶ **NOI (application) - pdf - KPDES FORM SDAA:**  
[http://dep.ky.gov/formslibrary/Documents/KPDESFORMSDAA\\_51909\\_.pdf](http://dep.ky.gov/formslibrary/Documents/KPDESFORMSDAA_51909_.pdf)
- ▶ **NOI (application) - Word - KPDES FORM SDAA:**  
<http://dep.ky.gov/formslibrary/Documents/KPDESFORMSDAA51909.doc>

## **Stormwater Pollution Prevention Plan Best Management Practices Plan**

Many KPDES permits require the development and implementation of a Stormwater Pollution Prevention Plan (SWPPP) or a Best Management Practices Plan (BMP Plan). Note, these terms are sometimes used interchangeably, but both require the development and implementation of best management practice (BMP) measures. The details as to what is required to be in a SWPPP or BMP Plan are contained in the applicable permit. The purpose of the SWPPP or BMP Plan is to reduce the amount of pollutants that would otherwise be carried off the property by stormwater and enter creeks and rivers, endangering health and the environment. During construction activities, the goal is to provide erosion control (protect soil surface to prevent soil particles from being dislodged and carried away by wind or water) and sediment control (remove soil particles after they have been dislodged). Also, during construction activities as well as during operation, the goal is to segregate stormwater from materials and equipment that could otherwise result in pollutants being carried away with the stormwater.

### **Guidance Documents**

- ***Kentucky Erosion Prevention and Sediment Control: Field Guide***  
[http://www.kyt2.com/assets/files/uploads/09fieldguide\\_final.pdf](http://www.kyt2.com/assets/files/uploads/09fieldguide_final.pdf)
- ***Developing Your Stormwater Pollution Prevention Plan: A Guide for Construction Sites***  
[http://water.epa.gov/polwaste/npdes/stormwater/upload/sw\\_swppp\\_guide.pdf](http://water.epa.gov/polwaste/npdes/stormwater/upload/sw_swppp_guide.pdf)
- ***Developing Your Stormwater Pollution Prevention Plan: A Guide for Industrial Operators***  
V: \DOWKPDES\Permit Writers' Guide\Developing Your SWPPP A Guide for Industrial Operators.pdf
- **Construction SWPPP Template (EPA document)**  
[http://water.epa.gov/polwaste/npdes/basics/upload/sw\\_cgp2012\\_swppptemplate.docx](http://water.epa.gov/polwaste/npdes/basics/upload/sw_cgp2012_swppptemplate.docx)
- **Industrial SWPPP Template (EPA document)**  
[http://www.epa.gov/region10/pdf/water/msgp2008\\_swppptemplate.pdf](http://www.epa.gov/region10/pdf/water/msgp2008_swppptemplate.pdf)
- **EPA web page - multiple documents, including example SWPPPs**  
<http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-Pollution-Prevention-Plans-for-Construction-Activities.cfm#key>

## SWPPP/BMP Plan Guidance Documents (Continued)

- ***NPDES Best Management Practices Guidance Document***  
[http://water.ky.gov/permitting/Documents/BMP\\_Guide.pdf](http://water.ky.gov/permitting/Documents/BMP_Guide.pdf)
- ***Kentucky Best Management practices (BMPs) for Controlling Erosion, Sediment, and Pollutant Runoff from Construction Sites: Planning and Technical Specifications Manual***  
[http://dep.ky.gov/formslibrary/Documents/09BMPManual\\_Final.pdf](http://dep.ky.gov/formslibrary/Documents/09BMPManual_Final.pdf)
- ***Kentucky Best Management Practices for Construction Activities, 2005***  
<http://water.ky.gov/permitting/Lists/Working%20in%20Streams%20and%20Wetlands/Attachments/14/Kentucky%20Best%20Management%20Practices%20for%20Construction%20Activities.pdf>

Note - This file has the complete document except for the appendices, but the numbering in the table of contents is incorrect. **To obtain the appendices to this document, please contact SWPBSupport at [SWPBSupport@ky.gov](mailto:SWPBSupport@ky.gov).**

- SWPPP Examples (Kentucky Division of Compliance Assistance documents)
- **Sample Copy 1**  
<http://dca.ky.gov/DCA%20Resource%20Document%20Library/StormwaterPollutionPreventionPlanExample.pdf>
- **Sample Copy 2**  
<http://dca.ky.gov/DCA%20Resource%20Document%20Library/Storm%20Water%20Pollution%20Prevention%20Plan%20Sample.pdf>