

## **Discussion of Permit Application Forms**

The wastewater application forms provided herein are for new or existing unpermitted wastewater treatment facilities or discharges of wastewater and stormwater/wastewater discharges. Permittees with current wastewater treatment permits needing to renew their permits will be provided renewal application forms with basic data already included directly from the Bureau of Water.

If the application is for a new wastewater treatment facility (except quarries/clay/mineral mines), the applicant will usually provide a Facility Plan with the application. Then following approval of the Facility Plan and drafting or issuance of the permit, the applicant provides Plans and Specifications for the wastewater treatment system. The Facility Plan and Plans and Specifications need to be designed and stamped by a Kansas-licensed professional engineer. If the application is for an existing unpermitted facility or discharge, the applicant will need to provide design and construction information as is available. KDHE may require additional information as is necessary to support issuance of the permit and appropriate protection of public health and the environment as required by State law.

A comprehensive discussion of the process to obtain a permit can be found on this website in the writeup entitled **Proposed Project Information** under the section entitled **General Information for Wastewater Permitting Activities**.

All test results on the various parameters listed in the application forms must be from a KDHE-certified laboratory certified for the specific parameter in wastewater. A link to the KDHE commercial certified laboratories is provided at this website under **General Information for Wastewater Permitting Activities**.

### **Definitions**

**Wastewater**, for the purposes of this discussion, means any substances from discharges from human beings or animals, chemicals or other wastes from domestic, manufacturing or other forms of industry including stormwater. Wastewater can include what is normally considered as clean water (well water, city water used for cooling purposes, potable supply filter backwash water and filter-to-waste, condensate, clean stormwater) as well as about any other water that is discharged.

**Process wastewater** means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct or waste product.

**Non-contact cooling water** means water used to reduce temperature which does not come into direct contact with any raw material, intermediate product, waste product or finished product.

**Domestic wastewater**, for the purposes of this discussion, means any wastewater from household and restaurant activities such as food preparation, restrooms, showers, sinks and wash machines but does not include wastewater from commercial/industrial food preparation entities (which is process wastewater).

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**Permit Fee Information** - This information is provided pursuant to the Kansas Administrative Regulations. Each set of permit application forms has its own instructions on the appropriate permit fee according to the type of permit the applicant is requesting.

**Clay/Mineral or Rock Quarries** - Applicants for a new or an existing unpermitted clay and mineral mines or rock quarries need to complete and submit form KS-QRY and a Stormwater Pollution Prevention Plan (SWP2 Plan). A checklist for completing the SWP2 Plan is included herein.

**Wastewater from Public/Potable Water Treatment Plants** - Form KS-PWS is the only form that an applicant needs to complete and submit for a permit for a discharge of wastewater from a public/potable water treatment plant to surface waters of the state. If the water treatment plant does not discharge wastewater to surface waters of the state (the wastewater is routed to a non-overflowing lagoon or is sent to the municipal wastewater treatment plant), the applicant does not need a wastewater permit associated with the public/potable water treatment plant. In this case, wastewater handling is controlled by the permit for the public/potable water treatment plant or by the permit for the municipal wastewater treatment plant.

### **General Industrial Wastewater Permit Application Forms**

**Kansas Non-Overflowing Application** (Form KS-INQ) - This is the state permit application form for facilities which discharge wastewater to a non-overflowing/non-discharging lagoon (except non-overflowing lagoons used to treat the wastewater from a water treatment plant - See the discussion on **Wastewater from Public/Potable Water Treatment Plants** above). The wastewater is allowed to evaporate or percolate through the lagoon sidewalls and bottom. This application is also used for facilities which irrigate the wastewater for disposal/re-use purposes. No discharge of wastewater from the irrigated site is allowed.

**KS1 - Kansas wastewater discharge application** - This is the Kansas permit application form for all industrial facilities which discharge wastewater to surface waters of the state. This form is to be completed and submitted with the EPA application form 2C, 2D or 2E.

**Chemical Additives Evaluation Log** - If a chemical additives evaluation log is required, the requirement will be referenced in each of the other permit application forms. You may have to contact your chemical sales representative to determine this information. Do not send the Material Safety Data Sheets (MSDS) with your application. Keep them on-site for your own use.

**EPA Application Form 2C** - This form is to be completed for an existing industrial facility which discharges process wastewater to surface waters of the state. This application form can be completed on-line at the EPA web site shown, printed and sent to KDHE along with the Kansas form KS1 and the appropriate first year's annual permit fee.

**EPA Application Form 2D** - This form is to be completed for a new facility or for a new source of wastewater which has not yet been tested for possible pollution parameters.

This application form can be completed on-line at the web site shown, printed and sent to KDHE along with the Kansas form KS1 and the appropriate first year's annual permit fee.

**EPA Application Form 2E** - This form is to be completed for an existing facility which does not discharge process wastewater. See the definition of process wastewater in the Definitions section above. This application form can be completed on-line at the web site shown, printed and sent to KDHE along with the Kansas form KS1 and the appropriate first year's annual permit fee.