

**Public Notice**  
**Thomas Industries, Inc.**  
**Beaver Dam, Ohio County, Kentucky**  
**Decision to Tentatively Approve a Post-Closure Permit**  
**EPA ID# KYD 041-165-960**  
**AI#3317**

The Kentucky Energy and Environment Cabinet (Cabinet), Division of Waste Management has reached a tentative decision to approve a post-closure permit for renewal. The facility is located at 846 South Main Street, Ohio County, Kentucky. The facility's designated contact person is Stephen McClure who may be reached at (217) 222-5400. Alternatively you may contact Chris Jung from the Division of Waste Management at (502) 564-6716 extension 4716.

**Why does Thomas Industries need a Post-Closure Permit Renewal?**

Disposal or management of hazardous waste requires a post-closure permit in accordance with state and federal regulations. Prior to 1990, Thomas Industries, Inc. produced lighting fixtures. The manufacturing process included degreasing, washing, drying, painting, paint stripping, electroplating, polishing, assembling, packaging, and wastewater treatment. Thomas Industries has since closed; however, testing results revealed that some soils were contaminated with hazardous waste. This soil was excavated and placed in an on-site landfill. Further testing revealed that the groundwater had also been contaminated. This permit will allow Thomas Industries, Inc. to continue post closure care, groundwater monitoring, and cleanup of the site for an additional ten-year period.

The Cabinet issued an initial post-closure permit to Thomas Industries, Inc in 2003 to legally enforce and guide maintenance and monitoring of the closed landfill and to require corrective action of other impacted areas on the property. Renewal of the post-closure permit will result in the continuation of legally binding stipulations to guide such maintenance and any necessary corrective actions. The post-closure permit renewal outlines any steps that Thomas Industries will take to ensure the protection of human health and the environment.

**Where can I review the documents used to make this tentative decision?**

Division of Waste Management	Ohio County Public Library
200 Fair Oaks	413 Main Street
Frankfort, KY 40601	Hartford, KY 42347
Point of contact: Tina Fisher	Point of Contact: Melissa J. Acquaviva
(502)564-6716 (fax) (502)564-9232	(270) 298-3790
Email: <a href="mailto:tina.fisher@ky.gov">tina.fisher@ky.gov</a>	Hours of Operation:
Hours of Operation:	Mon-Tue 8:30-7:30; Wed-Fri 8:30 – 4:30; Sat 9-3; Sun
Monday-Friday: 8:00am-4:30pm	closed

**How can I tell Kentucky Division of Waste Management what I think about this tentative decision?**

The Cabinet encourages public involvement and welcomes comments. Anyone wishing to comment or request a hearing on our tentative approval should submit their comments to the Cabinet beginning August 27, 2014 or before midnight, October 11, 2014, the close of the public comment period. Electronic comments should be submitted to [Margery.Wilhoite@ky.gov](mailto:Margery.Wilhoite@ky.gov) or mailed to April J. Webb, P.E., Manager, Hazardous Waste Branch, Division of Waste Management, 200 Fair Oaks, Frankfort, KY 40601, (502) 564-6716, ext. 4699. The Agency Interest (A.I.) Number 3317 should be included with any comments.

**What will the Cabinet do with the comments?**

All comments received by midnight of October 11, 2014 will be considered when making a final decision. Anyone submitting comments will be mailed a “response to public comments” document specifying any changes made or not made, with reasons why, as a result of the comment(s) submitted. Any person who may be aggrieved by the issuance of a permit for this proposed waste disposal facility may file with the cabinet a petition which sets forth the grounds of the objection and demand a hearing pursuant to KRS 224.10-420(2). Such hearing shall be held within the county where the waste disposal facility is proposed.

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**Kentucky Energy and Environment Cabinet  
Division of Waste Management  
Hazardous Waste Branch**

**FACT SHEET**

**Tentative Decision to Renew Post-Closure Permit  
Thomas Industries, Inc.  
Beaver Dam, Ohio County, Kentucky  
KYD-041-165-960 ; AI#3317**

**August 27, 2014**

The Thomas Industries facility is tentatively being granted a post-closure permit renewal. The facility is located at 846 South Main Street (U.S. Highway 231) in Beaver Dam, Ohio Co., Kentucky. The facility's designated contact person is Stephen McClure who may be reached at (217) 222-5400. The Kentucky Energy & Environment Cabinet, under the authority of the U.S. Environmental Protection Agency, has prepared a draft hazardous waste post-closure permit for Thomas Industries. The draft post-closure permit outlines conditions for maintenance and monitoring of the land disposal unit closed as a hazardous waste landfill during the thirty-year post-closure period. The draft permit also contains a corrective action program for containment and remediation of contaminated groundwater at the site. Other than the post-closure unit, there are no other solid waste or hazardous waste management units at the site. This permit includes a site-wide program to monitor groundwater quality and the effectiveness of ongoing clean up (closed as a landfill pursuant to 401 KAR 35:230) during the 30 year post-closure period. There are no longer any active permitted hazardous waste management units at this site.

**I. Facility Description**

The former Thomas Industries Inc. facility, located on U.S. Highway 231, includes 28 acres of land along with a 200,000 square foot building originally constructed in 1966 with a major addition that was constructed in 1977. Prior to 1990, manufacturing processes at the facility included degreasing, washing, drying, paint stripping, electroplating, polishing, assembling, packaging, and wastewater treatment. In 1990 the degreasing, washing, drying, painting, paint stripping, and polishing operations were discontinued. The remaining manufacturing activities were discontinued in July 1993. This permit is for the 2.5 acres where the final regulated unit is situated, west of the former building. Site investigations conducted in the 90s indicated the presence of several VOC constituents including tetrachloroethene (PCE) and its degradation by-products, trichloroethene (TCE), 1,2 dichloroethene (DCE), and vinyl chloride (VC).

Five areas were identified requiring removal of hazardous waste impacted soils in accordance with the approved hazardous waste Closure Plan. Impacted soils from five areas were excavated and placed on a parcel of land located west of the former manufacturing facility. The impacted soil was compacted within the land disposal unit then covered with a multi-layer cap. The multi-layer cap is comprised of a geosynthetic/bentonite composite, a sand drainage layer and a vegetative support soil layer. The Closure Certification Report was submitted in December 1998, and was approved in January 1999. The land disposal unit is classified in the Part A permit application as a landfill. This area of land disposal is deed restricted, and it is subject to post-closure care in accordance with applicable hazardous waste regulations. The Hazardous waste post-closure permit addresses maintenance and monitoring of the closed unit, and includes a site-wide monitoring program that monitors groundwater quality and the effectiveness of ongoing cleanup at the site. This permit requires Thomas Industries, Inc. to continue monitoring and cleanup activities for a minimum of 20 more years.

**II. Purpose of the Tentative Renewal for Post-Closure Permit**

The purpose of the approval process is to provide the public the opportunity to evaluate the proposed action. Division personnel have reviewed the post-closure renewal permit for technical and regulatory completeness as it pertains to the said site. The Division has determined that the actions defined in the post-closure permit renewal as proposed will meet these requirements and result in protection of human health and the environment. Therefore, tentative approval has been issued and now the public has the opportunity to comment on the proposed action. The public has (45) forty-five days to comment on any aspect of the tentative renewal for a post-closure permit before the Division makes a final decision.

**III. How to make a comment on the decision:**

As a standard practice, the Division submits permit documents for public review. Anyone wishing to request a public hearing or comment on the selected remedy should submit their request or comments to the Division beginning on August 27, 2014, until midnight on October 11, 2014 the close of the public comment period. The beginning of the public comment period begins coincidentally with the date the public notice is published in the newspaper. To submit a comment or request a public hearing write to the Division of Waste Management, 200 Fair Oaks, Frankfort, Kentucky 40601, Attn: April Webb, (502) 564-6176. Electronic comments may be submitted to [Margery.Wilhoite@ky.gov](mailto:Margery.Wilhoite@ky.gov) or [Christopher.jung@ky.gov](mailto:Christopher.jung@ky.gov). The AI#3317 should be included with any comments.

If a public hearing is requested, another public notice will be provided to the local newspaper, and the comment period will be extended to the close of the hearing. All comments received by the close of the comment period will be considered in making the final decision.

**IV. Where can I review the documents used to make this tentative decision?**

The Division has compiled all documents and correspondence pertaining to this tentative decision for public review. The documents may be viewed at the following locations:

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200 Fair Oaks	413 Main Street
Frankfort, KY 40601	Hartford, KY 42347
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(502)564-6716 (fax) (502)564-9232	(270) 298-3790
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