

FACT SHEET



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Duke Energy Gibson Generating Station South Ash Basin System Surface Impoundment Closure Fact Sheet Coal Combustion Residual (CCR) Closure Plan

(317) 232-8603 • (800) 451-6027

www.idem.IN.gov

100 N. Senate Ave., Indianapolis, IN 46204

Background:

- The Duke Gibson Generating Station is owned by Duke Energy Indiana, LLC and generated electricity using a coal-fired boiler, producing coal combustion residuals (CCR). Historically, CCR materials have been placed in on-site surface impoundments.
- On December 21, 2016, the Indiana Department of Environmental Management (IDEM) received an application (VFC #[80398684](#)) for the closure/post-closure plan for CCR surface impoundments from Duke concerning the Gibson Generating Station South Ash Basin System (SABS) (SW Program ID 26-UP-12) located at 1097 North 950 West in Owensville.
- The closure/post-closure plan encompasses approximately 240.0 acres and includes the South Settling Basin (51.5 acres) and South Ash Fill Area (188.5 acres).
- Duke is proposing in-place closure for the South Ash Fill Area and a closure by removal approach for the South Ash Settling Basin, with the exception of 1.3 acres of closure in place underneath existing pump structures and the access road.
- Upon removal of CCR material and one foot of underlying soil, the South Ash Settling Basin will be re-purposed to serve as a geosynthetic clay liner/geomembrane lined pond to store non-CCR waste streams and other runoff from the Gibson Station.

IDEM's Role

- IDEM is responsible for protecting human health and the environment while providing for safe industrial, agricultural, commercial, and governmental operations vital to a prosperous economy.
- IDEM's Office of Land Quality is responsible for reviewing closure plans for the CCR surface impoundments. Engineers and geologists evaluate design drawings and operating plans to ensure they meet or exceed the rule requirements before granting an approval or modifications to an approval.
- In addition to issuing approvals that comply with federal and state environmental regulations designed to protect public health and the environment, IDEM is also responsible for overseeing permitted activities and monitoring compliance at permitted facilities.
- IDEM will ensure all submitted materials related to the surface impoundment closure plan are publicly available through IDEM's Virtual File Cabinet (VFC)

Citizen's Role

- You can review the application and related correspondence online at IDEM's Virtual File Cabinet (VFC) web site using the following steps:
 - Go to <http://vfc.idem.IN.gov/>, which is the VFC's "Document Search" page.
 - Once there, click on the **Alternate Field** dropdown menu.
 - Select **SW Program ID**. Enter the SW Program ID, **26-UP-12** in the **ID #** box to the right of the **Alternate Field** menu.

- Click the ***I'm not a robot*** checkbox and wait until a green checkmark appears.
 - Click the **Search** button, which produces one or more links to the documents for this facility.
 - To find and review the permit decision, click the highlighted numbers in the **Doc #** column to view individual documents.
 - Click on the **x out of y Pages** dropdown menu to view additional pages with document links.
- Comments may be addressed to Anna Mishel, the Solid Waste Permit Manager assigned to this facility, at the following address:

**Anna Mishel, Permit Manager
Indiana Department of Environmental Management
Office of Land Quality
Solid Waste Permits
IGCN 1101
100 North Senate Avenue
Indianapolis, IN 46204-2251**

Comments may also be submitted by email to Anna Mishel at AMishel@idem.IN.gov.

- All comments are due by **November 14, 2020**.
- When IDEM makes a final decision about the CCR surface impoundments closure plan, a Notice of Decision will be mailed to landowners within one mile of the facility, individuals who submitted comments with a return address, or individuals who requested notification.

Additional Information

- You can direct questions to Anna Mishel at 317-233-6725 or AMishel@idem.in.gov.
- For more information about activities managed through IDEM Solid Waste Permits Section, please visit IDEM's website at www.idem.IN.gov.