

ATTACHMENT 22
Floodplains Report
Special Waste Landfill Permit
Big Sandy Plant – Ash Pond Closure
Lawrence County, Kentucky

Flood Insurance Rate Maps (FIRM) as provided by the Federal Emergency Management Agency (FEMA) identifies a 100-year floodplain along Blaine Creek. The proposed closure area is designed with approximately 40 feet of freeboard and offset from 100-year floodplain by the existing Horseford Creek Dam by approximately 500 feet. An USGS topographic map indicating the location of the 100-year floodplain is provided in **Attachment 15**.

Minor work may be constructed within the floodplain near the existing Horseford Creek Dam and Blaine Creek. No negative impacts are expected to occur as a result the proposed construction. A report will be submitted prior to construction within a floodplain.