



**Richard E. Dunn, Director**

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**Land Protection Branch**

4244 International Parkway  
Suite 104  
Atlanta, Georgia 30354  
404-362-2537

03/01/2023

Jason Maxwell, Senior Vice President, Operations  
KaMin LLC  
822 Huber Road  
Macon, Georgia 31217

**SUBJECT: Site Suitability Notice for Wilkinson County –BASF McIntyre Site #3  
Private Industrial Landfill  
Proposed Vertical and Horizontal Expansion  
Permit Number 158-016D (LI), Submission ID: 569699**

Dear Mr. Maxwell:

The Solid Waste Management Program of the Environmental Protection Division (EPD) has completed its review of the following documents:

- *Site Suitability Report for the BASF McIntyre Site #3 Private Industrial Landfill*” dated June 2022 and prepared by Triple Point Engineering (TPE), and
- August 18, 2021, and June 13, 2022, response letters prepared by TPE.

Based on the data submitted in addition to your application, EPD has determined that the applicable siting standards can be met in accordance with Chapter 391-3-4-.05, provided the attached “Site Limitations” are met. This determination is based on information provided to date for EPD review and is subject to revision prior to permit issuance should errors be found in the submitted information or new information be provided relevant to this determination. This letter denotes only the demonstration of the ability to comply with siting standards for the proposed site and does not constitute approval to begin construction or operation of the disposal site. This letter does not constitute a permit for the proposed solid waste landfill.

Before a permit may be issued for the proposed solid waste disposal site, a Design and Operational Plan (D&O Plan), prepared in accordance with Chapter 391-3-4-.07(1), must be submitted for consideration by the EPD.

Additionally, the appropriate governing authority must hold a public hearing regarding the proposed landfill expansion no less than two weeks prior to the issuance of any permit. At least 30 days prior to the public hearing, notices of the public hearing must be posted at the facility and advertised in the legal organ of the county or counties in which the proposed solid waste disposal facility will be located. A transcript

Jason Maxwell  
KaMin LLC  
Page 2

of the public hearing proceedings and a reaffirmation of zoning consistency must be submitted to EPD prior to a final decision regarding the issuance of a permit for the proposed solid waste disposal facility.

After our review and evaluation of the D&O Plan, and the other required submittals, a Solid Waste Handling Permit will be either issued or denied. This Site Suitability Notice shall terminate upon a final decision to issue or deny the requested permit. Failure to submit to EPD an approvable Design and Operational Plan within one year from the date of this Notice may result in permit denial or termination of the permit application.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Dunn", written in a cursive style.

Richard E. Dunn, Director  
Environmental Protection Division

Enclosure

cc: Keith Stevens, Beverly Tipton, Jim Guentert, William Cook, GA EPD  
EPD East Central District, Augusta  
Anthony Rodriguez, Dan Wallace, TPE  
Kevin Hudson, KaMin LLC

**Site Limitations**  
**Wilkinson County – BASF McIntyre Site #3**  
**Private Industrial Landfill**  
**Proposed Vertical and Horizontal Expansion**  
**Page 1 of 2**

1. The area considered for acceptability includes only that within the lines identified as “Property Line and Permit Boundary” and “Proposed New Property Line and Proposed Permit Boundary” on Triple Point Engineering’s (TPE), *Topographic & Boring Location Map*, Figure 7, dated July 2019.
2. Waste shall not be placed outside of the area defined by the lines identified as “Limits of Waste Per Jan 12, 2000, D&O Plan” and “Proposed Expansion Waste Limits” shown on TPE’s *Topographic & Boring Location Map*, Figure 7, dated July 2019.
3. A minimum 200-foot undisturbed buffer shall be maintained between the waste disposal boundary and the permitted property boundaries.
4. A minimum 500-foot buffer shall be maintained between the waste disposal boundary and any adjacent residences and/or water supply wells.
5. A minimum 25-foot undisturbed buffer shall be maintained between the waste disposal area and any on-site springs, intermittent or perennial streams or surface water bodies except as permitted by the United States Army Corps of Engineers (USACE) and allowed by EPD.
6. A minimum 50-foot undisturbed buffer shall be maintained between the waste disposal boundaries and all wetlands, except as permitted by the USACE and allowed by EPD. A statement certifying that wetlands will not be impacted because of construction activities at the site shall be submitted. This statement shall be signed and stamped by the professional engineer responsible for the Design and Operational (D&O) Plan for the subject site. Wetland areas shall be delineated on the D&O Plan.
7. The bottom of the waste within the area identified as “Limits of Waste Per Jan 12, 2000, D&O Plan” shown on TPE’s *Topographic & Boring Location Map*, Figure 7, dated July 2019, shall be no lower than the base grade elevations shown on Sheet 1 of 7, *Initial Grading Plan*, prepared by DSAtlantic Tribble & Richardson, Inc., revised November 1999, included in the January 12, 2000-EPD approved D&O Plan. The bottom of the waste within the area identified as “Proposed Expansion Waste Limits” on TPE’s *Topographic & Boring Location Map*, Figure 7, shall be kept a minimum of five feet above the groundwater elevation contours shown on TPE’s *Potentiometric Surface Map*, Figure 8 and shall be no lower than an elevation of 370 feet. Furthermore, prior to backfilling, an underdrain system, consisting of a perforated conveyance pipe and stone backfill or equivalent conveyance system shall be placed in the center of the drainage area north of and through the existing sediment pond in the proposed expansion area in the southwest portion of the landfill to prevent groundwater from rising to within five feet of the bottom of waste. Details of the underdrain system construction shall be included in the D&O Plan for EPD approval. The outfall of the underdrain system must be incorporated into the groundwater monitoring plan for the site.
8. Structural fill shall be required to fill the existing sediment pond and raise the surface grade in the proposed expansion area. This structural fill must meet requirements presented in the construction quality assurance plan of the D&O Plan.

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**Wilkinson County – BASF McIntyre Site #3**  
**Private Industrial Landfill**  
**Proposed Vertical and Horizontal Expansion**  
**Page 2 of 2**

9. All erosion control measures and/or diversion ditches shall conform to the *Erosion and Sediment Control Act* and be protective of the Little Commissioner Creek and its perennial and intermittent tributaries.
10. The facility shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain, or result in a washout of solid waste or material to pose a hazard to human health and the environment.
11. Any monitoring wells and/or piezometers installed as part of a site suitability investigation that are not incorporated into an approved groundwater monitoring system, along with soil borings installed at this site, shall be plugged and abandoned in accordance with the Water Well Standards Act. All future monitoring wells, piezometers and soil borings are still subject to the requirements of the Water Well Standards Act. Additionally, all soil borings, monitoring wells and piezometers located within the proposed waste footprint shall be abandoned by overdrilling and filling with a non-shrinking cement/bentonite grout mixture via tremie pipe from the bottom to within 10 feet of the base of the landfill. The remaining borehole shall be filled with hydrated bentonite. The abandonment of all borings/piezometers/monitoring wells shall be supervised by a professional geologist (PG) or professional engineer (PE) registered to practice in the State of Georgia. A report documenting the abandonment shall be submitted to EPD prior to cell construction. This documentation shall be signed and stamped by the responsible professional geologist or engineer registered to practice in the State of Georgia.
12. This site is in a seismic impact zone as defined in the Rules for Solid Waste Management (Chapter 391-3-4-.05 (1) (g)). The design engineer must certify that all containment structures are designed to resist the maximum horizontal ground acceleration for the site. Therefore, the registered professional engineer preparing the design and operational plan must stamp and sign each engineering drawing with the accompanying notation:

*I have reviewed the information presented in this drawing, and in my professional opinion, all containment structures are designed to resist a maximum horizontal ground acceleration of 0.14g in 250 years.*
13. Groundwater, surface water, and methane monitoring systems shall be installed at the site. Sampling parameters, sampling schedules, monitoring well construction, and spacing shall adhere to the guidelines established in the EPD's *Rules of Solid Waste Management, Chapter 391-3-4*. The system design and monitoring requirements shall be detailed in a groundwater and surface water monitoring plan and methane monitoring plan that are prepared in accordance with the Georgia Manual for Groundwater Monitoring, EPD's September 2015 document, "Methane Monitoring at Solid Waste Disposal Facilities" and current USEPA Region IV guidance and are approvable by EPD.