

Georgia Department of Natural Resources

Environmental Protection Division

2 Martin Luther King, Jr., Drive, S.E., Suite 1152 East Tower, Atlanta, Georgia 30334-4100

Chris Clark, Commissioner
Carol A. Couch, Ph.D., Director
404/656-4713

DRAFT

Date TBD

Mr. Frank Askew
Power4Georgians, LLC
258 North Harris Street
Sandersville, Georgia 30182

**SUBJECT: Site Suitability Notice for Washington County –
Power4Georgians, Plant Washington
Proposed Private Industry Solid Waste Disposal Facility
APL 1501**

Dear Mr. Askew:

The Environmental Protection Division (EPD) has completed its review of the *Plant Washington, Site Acceptability Study, Solid Materials Handling Facility* prepared by MACTEC Engineering and Consulting, Inc. dated January 17, 2008 and the October 1, 2008 and May 11, 2009 Response Addendums. 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(1), 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 industrial solid waste landfill.

Before a permit may be issued for the proposed solid waste disposal site, a Design and Operational Plan, prepared in accordance with the applicable components of the enclosed guidance document "Industrial Waste Disposal Site Design and Operational Plan", must be submitted for consideration by the Division. Strict adherence to the guidance document is not a regulatory necessity, but will greatly speed up the permitting process. You or your engineering consultants are encouraged to discuss any deviations from this guidance with the EPD review engineer prior to submittal to avoid unnecessary delays. After our review and evaluation of this information, 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 this date may result in permit denial.

Mr. Frank Askew

Date TBD

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If we can be of further assistance in the implementation of this proposed operation, feel free to contact Mr. Jeff Cown at 404-362-2566.

Sincerely,

Carol A. Couch
Director

Attachment

cc: Honorable Tommy Walker
Pieter Jan Depree, MACTEC
East Central District EPD
Jennifer Kaduck, GA EPD
File: Washington Co - Power4Georgians, Plant Washington [APL 1501]

Site Limitations
Washington County – Power4Georgians, Plant Washington
Proposed Private Industry Solid Waste Disposal Facility

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1. The area considered for acceptability includes only that delineated by the solid boundary line and identified as “Proposed Solid Materials Facility” on MACTEC Engineering and Consulting Inc. Figure 7-5 (Drawing - ES1533 1-5), revised on May 13, 2008.
2. A liner and leachate collection system designed in accordance with Rule 391-3-4-.07(1)(d) 1c., or an alternate equivalent, shall be constructed under all areas proposed for waste disposal.
3. The bottom of the liner system shall be constructed no lower than the elevation contours shown on MACTEC Engineering and Consulting Inc. Figure 7-4. The separation of the liner system from the water table is based on the groundwater elevations measured on March 12, 2008 as shown on MACTEC Engineering and Consulting Inc. Figure 5-1.
4. A minimum 500-foot buffer shall be maintained between the waste disposal area and any adjacent residences and/or water supply wells.
5. A minimum 200-foot undisturbed buffer shall be maintained between the waste disposal area and the permitted property boundaries.
6. 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. This limitation may be waived, at EPD’s discretion, if approvable engineering measures (e.g. underdrains) are proposed.
7. If, during construction/excavation of the site, any springs or seeps are discovered, EPD shall be immediately notified and protective measures shall be incorporated into the facility’s design and operations plans to prevent contamination of the spring or seep. Sampling of the spring or seep shall also be incorporated into the facility’s groundwater sampling plan.
8. All erosion control measures and/or diversion ditches shall conform to the *Erosion and Sediment Control Act* and be protective of Williamson Swamp Creek and its perennial and intermittent tributaries.
9. 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 mix via tremie pipe. The upper 10 feet of the boring can be filled with hydrated bentonite to surface grade. A report documenting the abandonment of all borings/piezometers 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.

Site Limitations

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10. Disturbance of wetland areas is prohibited except as permitted by the United States Army Corps of Engineers. Solid waste shall not be disposed within 50 feet of wetlands areas. A statement certifying that wetlands will not be impacted as a result of construction activities at the site shall be submitted, signed, and stamped by the professional engineer responsible for the Design and Operation Plans for the subject site.
11. No waste shall be disposed of in any 100-year flood hazard zone. The 100-year flood elevation must be shown on the Design and Operational Plans.
12. 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 EPD's *Rules of Solid Waste Management, Chapter 391-3-4*. The system design and monitoring requirements shall be detailed in a groundwater monitoring plan that is prepared in accordance with the Georgia Manual for Groundwater Monitoring and is approvable by EPD. The methane monitoring requirement may be waived if a waste characterization is provided that demonstrates methane generation will not occur. This characterization should be provided for all proposed waste streams being disposed of at the facility.