

1930 Constant Avenue
Lawrence, KS 66047-3724
October 3, 2007

Adam Larky, P. E., Client Manager
Cornerstone Environmental Group, LLC
39395 West 12 Mile road
Suite 103
Farmington Hills, MI 48331

Dear Mr. Larky:

I was asked to comment on the design modification request for the Johnson County landfill by Deffenbaugh Industries, Inc. I discussed the proposed modifications of the original plan for the landfill with Justin Obermeyer, Project Engineer for Cornerstone Environmental Group. The changes are an update of the original plan to meet the current KDHE requirements for landfills. The changes include clay and geosynthetic liners for the area of interest, implementation of needed drainage systems for leachate, and closure design modifications.

Based on my conversation with Mr. Obermeyer I see no problems with the modifications assuming that they follow the updated KDHE requirements and are accepted by KDHE.

The above comments are based on regional geologic conditions and limited information available to the KGS at the time of writing and cannot be used in substitute for a detailed site characterization. Other geologic conditions, not discussed here, or for which the KGS has no knowledge, may affect the viability or safe operation of this facility or property. Geotechnical engineering and design are outside the purview of the KGS. It is the responsibility of the applicant to produce any detailed site characterizations, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

Sincerely,



Margaret A. Townsend
Hydrogeologist
Geohydrology Section



39395 West 12 Mile Road, Suite 103 • Farmington Hills, MI • 48331 • (877) 633-5520 • Fax: (248) 994-5456

August 28, 2007

Project 70133

Kansas Geological Survey
University of Kansas
1930 Constant Avenue
Lawrence, Kansas 66047-3726

Re: Johnson County Landfill Permit Modification Notification

To Whom It May Concern:

On behalf of our client, Deffenbaugh Industries, Inc. (Deffenbaugh), Cornerstone Environmental Group, LLC is providing your organization with this notification to meet the requirements of the Kansas Department of Health and Environment (KDHE) regarding a potential modification to an existing landfill unit at the site. Deffenbaugh is proposing to submit a permit modification request to the KDHE for the existing Phase I landfill unit at the Johnson County Landfill, as shown on the enclosed site location map. The Johnson County Landfill is located at 18181 West 53rd Street, Shawnee, Kansas 66217.

The modification request for the existing Phase I unit includes design changes for the base liner and final cover systems for the unconstructed portions of this unit. Currently, the unconstructed portion of this unit is used for office space and maintenance activities.

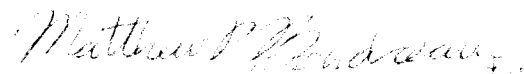
Kansas solid waste regulations require this notification of our client's intent to modify the landfill design to ensure that there are no regulatory concerns of your agency concerning this request. As stated above, this request relates to the unconstructed area of an existing permitted landfill unit.

If you have any questions or concerns regarding this matter, please contact Adam Larky at (630) 633-5858 or Justin Obermeyer at (630) 633-5801. If no response is received, we will assume that your agency does not have any items of concern regarding this request.

Sincerely,

Cornerstone Environmental Group, LLC


Adam Larky, P.E.
Client Manager


Justin Obermeyer
Project Engineer

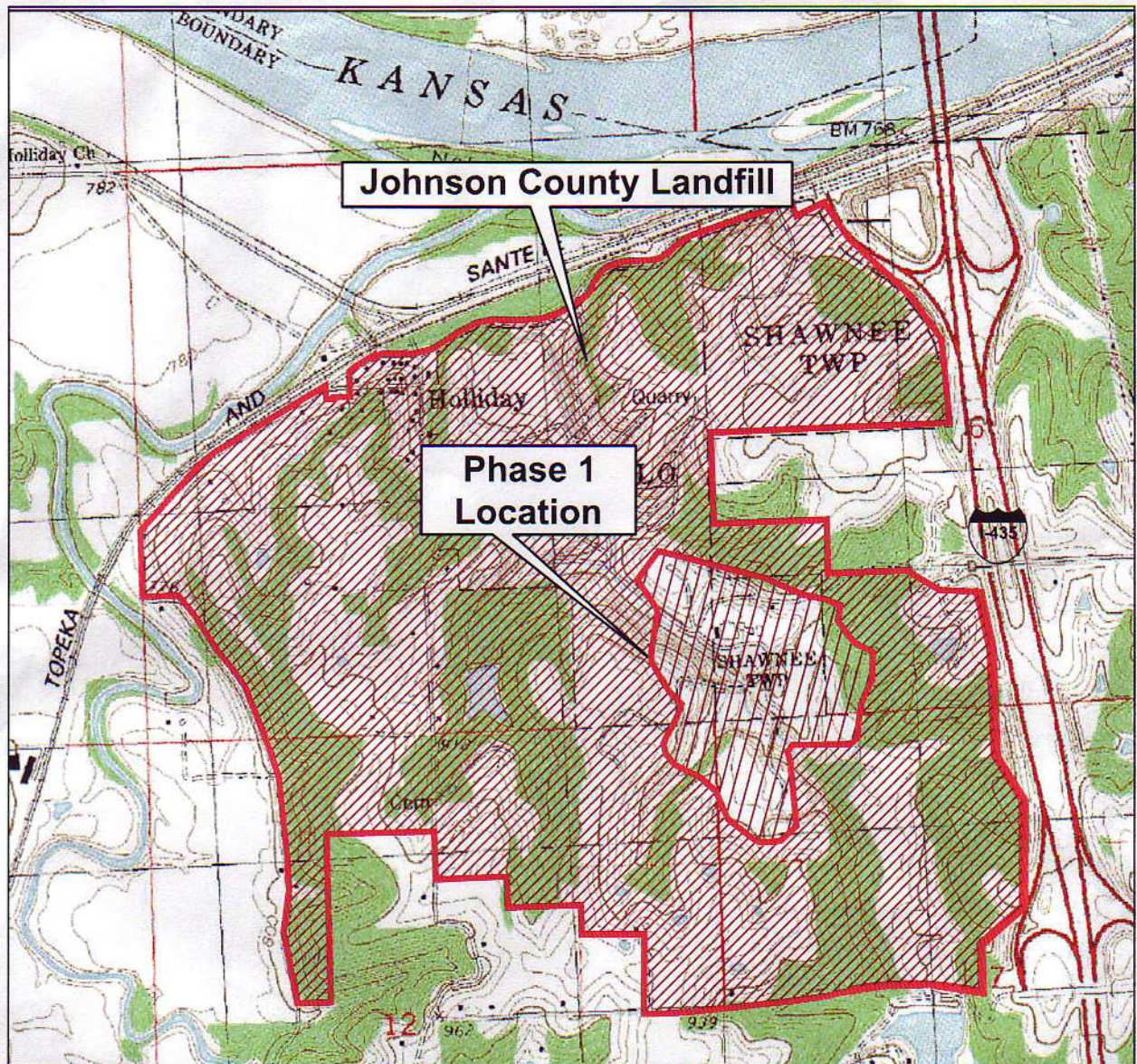
Enclosure: Site Location Map

cc: Darryl Basham – Deffenbaugh Industries, Inc.

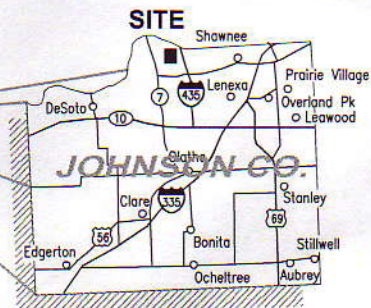
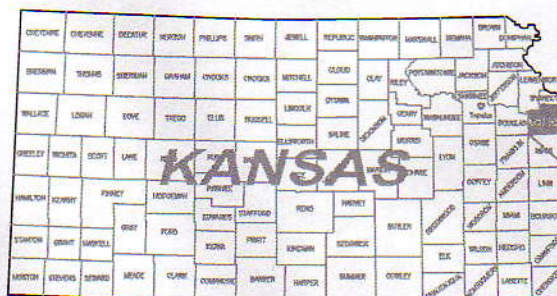
4pm 10-3-07 conversation w. 4th
Mr. Obermeyer, Cornerstone
Environmental
Inc.

Unconstructed portion
update liner system
clay + geosynthetic liner
piping final cover system
from 1985 - Subtitle D regulations
Federal 199
equals KDH E regs

no trash area
remove building
clay
geosyn
drainage msw trash
w/ waste design grades
12" general fill
1 ft clay
geosyn + drainage



Taken from the
SHAWNEE, KANSAS
7.5 Series U.S.G.S. Topographic Quadrangle



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DEFFENBAUGH INDUSTRIES, INC.
JOHNSON COUNTY LANDFILL

PHASE 1 SITE LOCATION MAP

FIGURE NO.

1

PROJECT NO.
070133