

KANSAS GEOLOGICAL SURVEY

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047-3726
Phone: 785-864-3965
Fax: 785-864-5317

Ms. Cynthia A. Neitzel
Terracon Consulting Inc.
1815 South Eisenhower
Wichita, KS 67209

December 13, 2005

**RE: Permit Application Notification
Ford County Landfill Expansion
Ford County, Kansas
Terracon project #01037048**

Dear Ms. Neitzel:

I have received your request for comment by the Kansas Geological Survey (KGS) on a permit application for expansion of the municipal solid waste landfill in Ford County. The municipal solid waste landfill along with two Construction and Demolition Landfills are located in NE ¼ of S22 T25S R25W, north of Dodge City, Kansas.

I examined the Dodge City 7½-minute topographic map, a 2002 orthophotograph, and a report on the geology and ground water of Groundwater Management District #3 (Schloss et al., 1998, L., KGS Open-file Report no. 98-52). The geologic map indicates that the landfill site is most likely on the Greenhorn Limestone, an upper Cretaceous unit overlying the Graneros Shale. This unit is composed of crystalline limestone and generally does not yield water to wells nor is it likely to be a source of karst formation. The site is relatively flat with some intermittent streams.

- The Kansas Geological Survey has no knowledge of landslide or karst issues affecting this application.
- The Kansas Geological Survey has no knowledge of ground water issues affecting this application.

The above discussion represents the information that the Kansas Geological Survey has on this proposed landfill site. Other geologic conditions, not discussed here, might affect the stability or safe operation of this landfill. The information provided in this letter is from regional (countywide and statewide) studies and should not be used as a substitute for detailed site investigations by a licensed geologist or engineer. It is the responsibility of the applicant to produce the detailed site evaluation.

If you have any questions regarding landslides and karst issues, please contract Gregory Ohlmacher (785)-864-2194. Please contact Margaret Townsend (785) 864-2111 about ground-water issues.

Sincerely,

Gregory Olmacher
Assoc. Scientist, Engineering Geology

Margaret Townsend
Hydrogeologist

November 17, 2005

Mr. Lawrence Brady
Kansas Geological Survey
University of Kansas, Campus West
1930 Constant Ave
Lawrence, KS 66047-3726

Terracon
Consulting Engineers & Scientists

Terracon Consultants, Inc.
1815 South Eisenhower
Wichita, Kansas 67209
Phone 316.262.0171
Fax 316.262.6997
www.terracon.com

Re: Permit Application Notification
Ford County Landfill
Ford County, Kansas
Terracon Project No. 01037048

Dear Mr. Brady:

We have been retained by Ford County to prepare an application for a landfill permit for a proposed Municipal Solid Waste Landfill (MSW) expansion and two Construction and Demolition Landfills (C&D). One of the requirements is to check with several agencies to determine if they have any information about the proposed site.

The existing MSW landfill and the proposed expansion area are located on 160 acres in the NE/4 of Section 22, Township 25 South, Range 25 West in Ford County. The two C&D landfills are located in the same property and Section with less than one acre of the west C&D landfill located in the southeast corner of the NW/4, of Section 22. A location map and preliminary site layout plan are attached. We request a response from your agency indicating any issues you may be aware of regarding this proposed land use.

Thank you for your consideration in this matter. Please contact us if you need any further information for your review. We respectfully request an expedited review and response. Please call (316-262-0171) or fax (316-262-6997) us with results.

Sincerely,

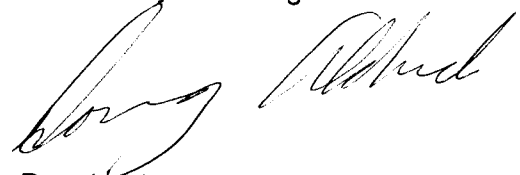
TERRACON



Cynthia A. Neitzel, P.E.
Project Manager



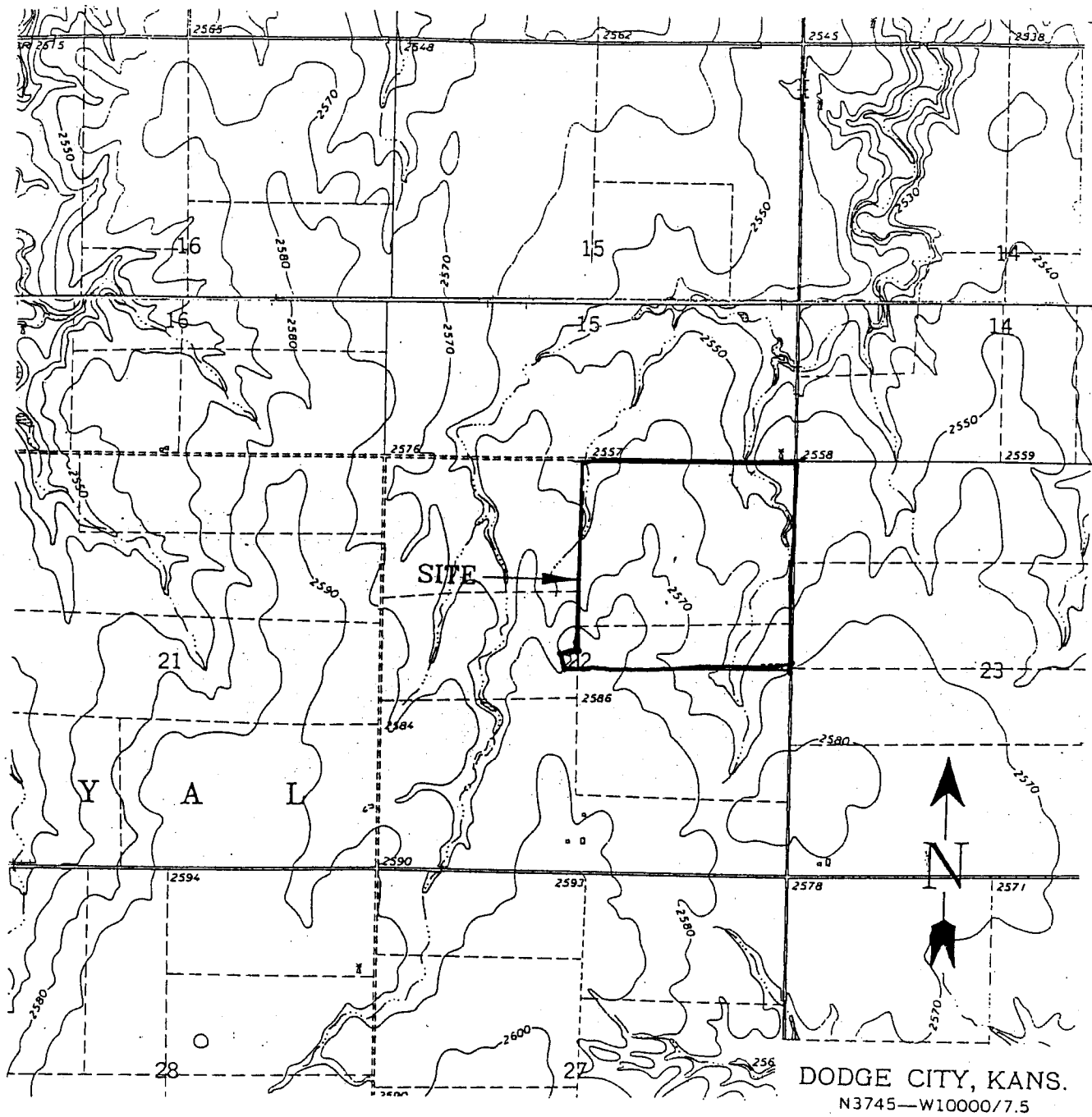
Michael G. Ehss, P.E.
Senior Project Manager



Douglas A. Aldrich, P.E.
Principal, Office Manager

Attachment

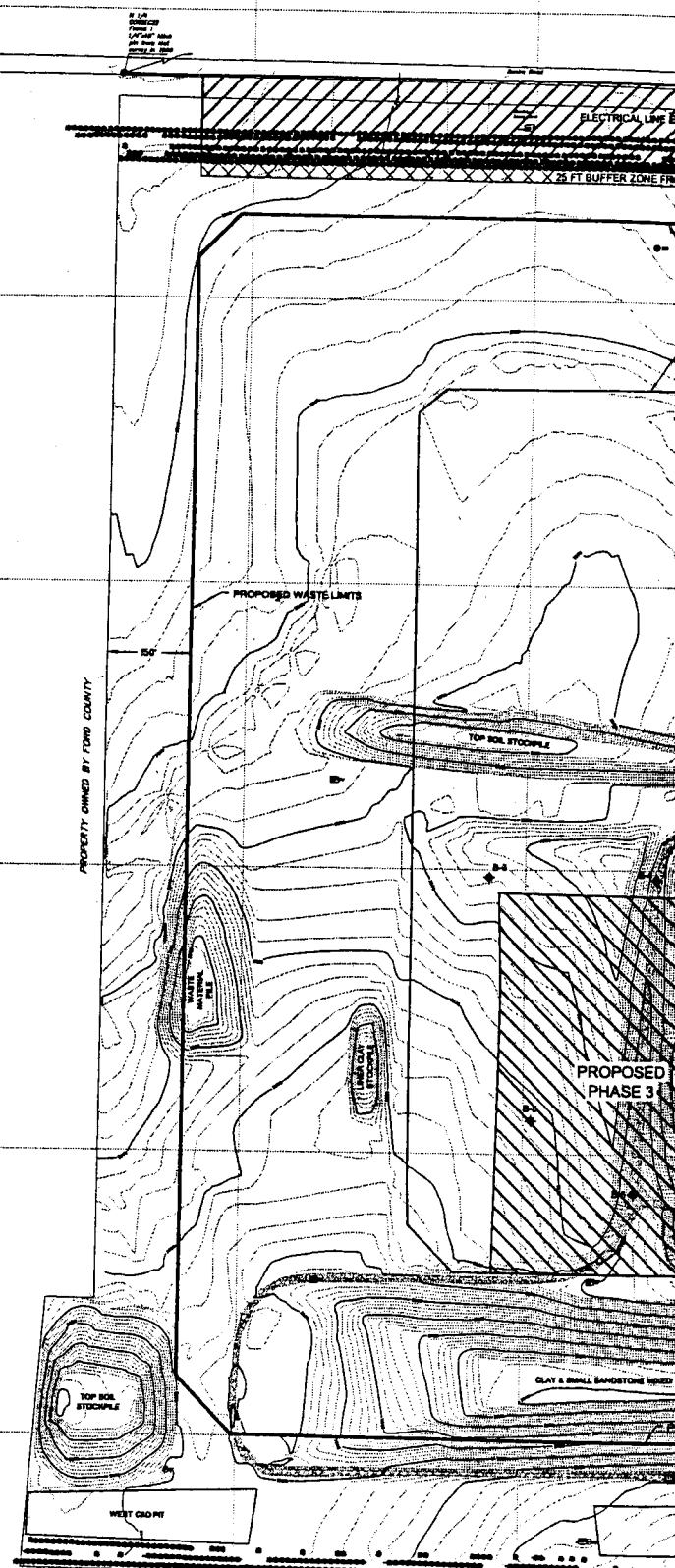
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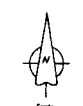
1968
PHOTOREVISED 1984
DMA 5959 I SE-SERIES V878

(Modified from USGS 7.5
minute Dodge City, Kansas
Quadrangle)

FIGURE 1 - SITE LOCATION MAP
FORD COUNTY MUNICIPAL SOLID WASTE LANDFILL
FORD COUNTY, KANSAS



Ford County OS and Survey Departments
 100 Gunsmoke
 Dodge City, KS 67801
 (620) 227-4673



Field Commission Date: March 18th, 2005
 Project #: 2005-001
 Site map was surveyed by R. Alexander and
 A. Hargrave, and drawn by A. Hargrave of
 Ford County OS and Survey Departments.

I, the Surveyor, certify that the above described land is the same as shown on the map of the same, and that the same is the same as shown on the map of the same, and that the same is the same as shown on the map of the same.

TOPO SURVEY

THE FORD COUNTY LANDFILL LOCATED IN
NORTHEAST QUARTER OF SECTION 22
W34P25S RANGEL25W OF THE 6TH
NCPAL MERIDIAN

1: 100' = 1" 26-48-20'

Terracon

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LEGEND

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