

KANSAS GEOLOGICAL SURVEY

The University of Kansas
1930 Constant Ave
Lawrence KS 66047-3726
phone 785-864-3965
fax 785-864-5317
www.kgs.ku.edu

March 7, 2007

Mr. Doug Sommers
C&D Recyclers of Kansas
4250 W. 37th Street N.
Wichita, KS 67204

**RE: Construction/Demolition Landfill Permit Expansion
Wichita, Sedgwick County, Kansas**

Dear Mr. Sommers:

I have received your request for comment by the Kansas Geological Survey (KGS) on a permit application to expand the C&D Recyclers of Kansas construction and demolition landfill in Sedgwick County. The landfill site is located in SE¼ of S26 T26S R1W, northwest of Wichita, Kansas.

I examined the information you provided along with USGS Maize 7½-minute topographic map, a 2002 orthophotograph, a geologic map of Sedgwick County (Lane and Miller, 1991, KGS Map M-25), available water-well data (www.kgs.ku.edu/Hydro/hydroIndex.html), and FEMA FIRM Data. Additionally, I discussed this site with Dr. Allen Macfarlane and Dr. Lynn Watney at the KGS office in Lawrence. The geologic map indicates that the landfill site is on Quaternary Alluvium. The water-well data indicates that this alluvium contains layers of medium to coarse sand that are potential aquifers. The Permian Wellington formation, interbedded shale, gypsum, limestone, and salt, underlies the Quaternary Alluvium. The eastern boundary of the Hutchinson Salt is west of the site; however, outliers of salt may exist in the area of the landfill. Areas of active dissolution and land subsidence exist in the region underlain by the Hutchinson Salt west of the landfill site. The KGS has no knowledge of karst or land subsidence features at this site. The FEMA Flood Insurance Risk Map doesn't indicate any flood problems except within the floodway east of the site.

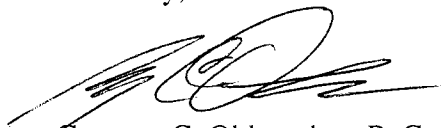
- The Kansas Geological Survey's main concern is for potential ground- and surface-water contamination at this site. The numerous monitoring wells in section 26 indicate that C&D Recyclers of Kansas is aware of this issue.
- The Kansas Geological Survey has a minor concern with possible land subsidence associated with outliers of salt.
- The Kansas Geological Survey has no knowledge of landslide or poor ground conditions that might affect this application.

The above discussion represents our best assessment based on the information that the Kansas Geological Survey has about this locality and/or proposed project at the time of this writing.

Other geologic conditions, not discussed herein, or for which the Kansas Geological Survey has no knowledge, may affect the viability or safe operation of this facility or property. The information provided in this letter is from regional or countywide studies and should not be used as a substitute for detailed site characterization by a licensed geologist or engineer. It is the responsibility of the applicant to provide any required site characterizations.

If you have any questions regarding these issues, please contact Gregory Ohlmacher at (785)-864-2194 or ohlmac@kgs.ku.edu.

Sincerely,

A handwritten signature in black ink, appearing to read 'G. Ohlmacher', with a stylized flourish extending from the end.

Gregory C. Ohlmacher, P. G.
Engineering Geologist



C&D Recyclers of Kansas

Specialists in Construction / Demolition Material Recycling

4250 W. 37th Street N.
Wichita, KS 67204

Tel (316) 942-8666
Fax (316) 942-8697

February 21, 2007

Kansas Geological Survey
1930 Constant Ave
LawrenceKS66047-3726

RE: Construction / Demolition Landfill Permit Expansion

Dear Sir or Madam:

C&D Recyclers of Kansas, Inc. desires to expand our currently permitted construction / demolition landfill. The expansion will be immediately west of our current site located at 4250 W 37th St N, Wichita, KS 67204. One of the requirements by the Kansas Department of Health and Environment – Bureau of Waste Management is that we check with several agencies to determine if they have any information about the proposed site.

Our current landfill site is located on roughly 34 acres of property with a permitted landfill footprint of 23.10 acres. The expansion would be on a roughly 36 acre parcel of property with a landfill footprint of 26.64 acres. The landfill and expansion area are located in the SE ¼ of Section 26, Township 26S, Range 1W in Sedgwick County. A location map and preliminary site layout plan are attached.

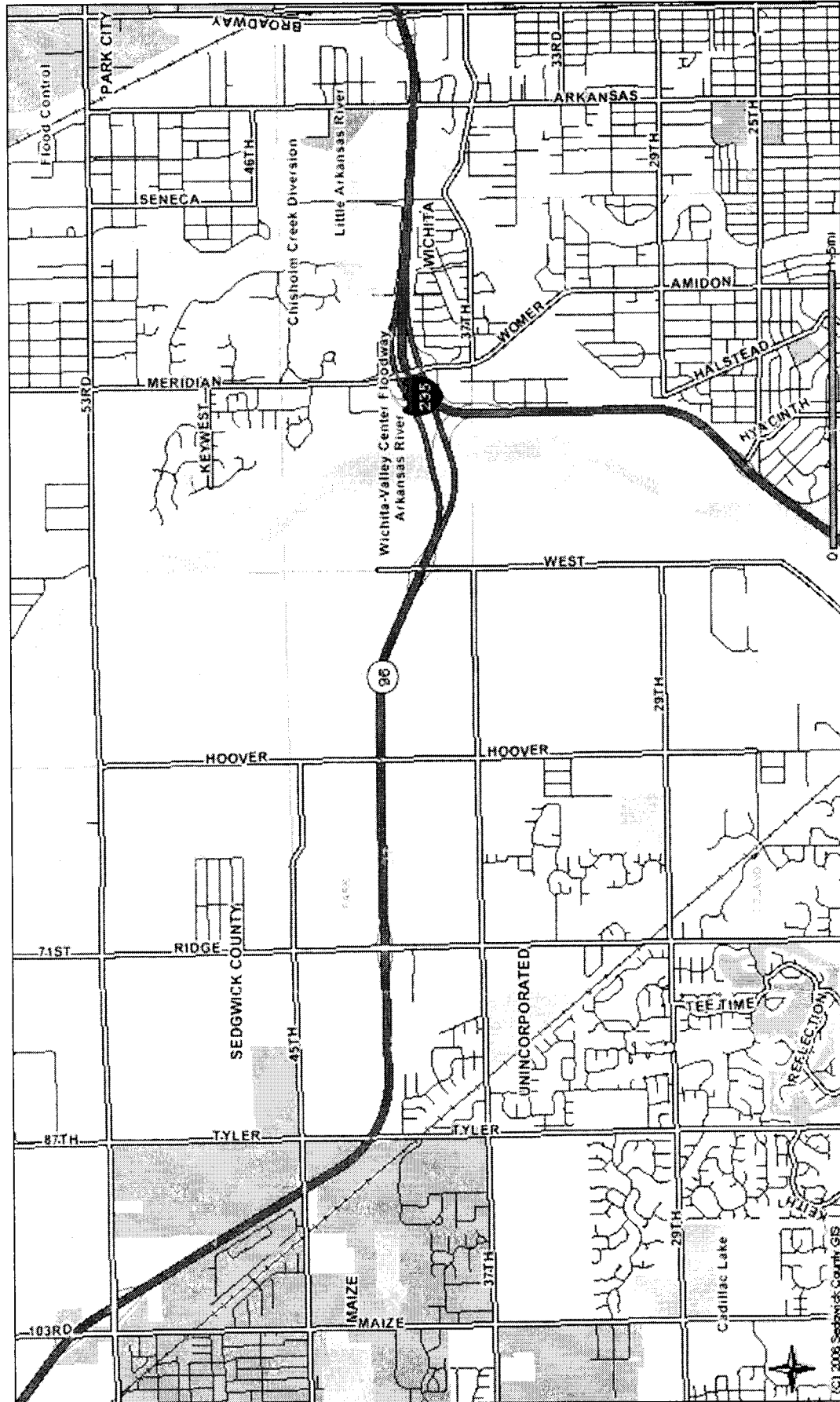
We request a response from your agency indicating any issues you may be aware of regarding this proposed land use. Thank you for your consideration in this matter. If you have any questions about this request, please contact me at (316) 942-8666.

Sincerely,

Doug Sommers
General Manager

C&D Recyclers of Kansas, Inc.

Map Legend



Sedgwick County
Geographic Information Services
 Division of Information & Operations
www.sedgwickcounty.org/gis
 525 N. Main, Suite 212, Wichita, KS 67203
 Tel: 316.660.9290 Fax: 316.262.1174



DISCLAIMER: It is understood that, while Sedgwick County Geographic Information Services (SCGIS), City of Wichita GIS, (for purposes of the road centerline file), participating agencies, and information suppliers, have no indication or reason to believe that there are inaccuracies in information provided, SCGIS, its suppliers make no representations of any kind, including, but not limited to, warranties of merchantability or fitness for a particular use, nor are any such warranties to be implied with respect to the information, data or service (uninsured) provided by SCGIS. The Data Provider becomes liable to users of these data, or any other party, for any loss or damages, consequences, or other liabilities arising from the use, operation or modification of the data. In using these data, users acknowledge that SCGIS does not warrant the accuracy or correctness of the data, or the use of the data. No person shall sell, give or receive for the purpose of selling or offering for sale, any portion of the information provided herein.

CONSTRUCTION & DEMOLITION RECYCLING LANDFILL EXPANSION

K-96 HIGHWAY

**2006
DESIGN
EXPANSION**

**2001
DESIGN
AREA**

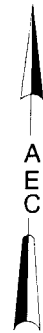
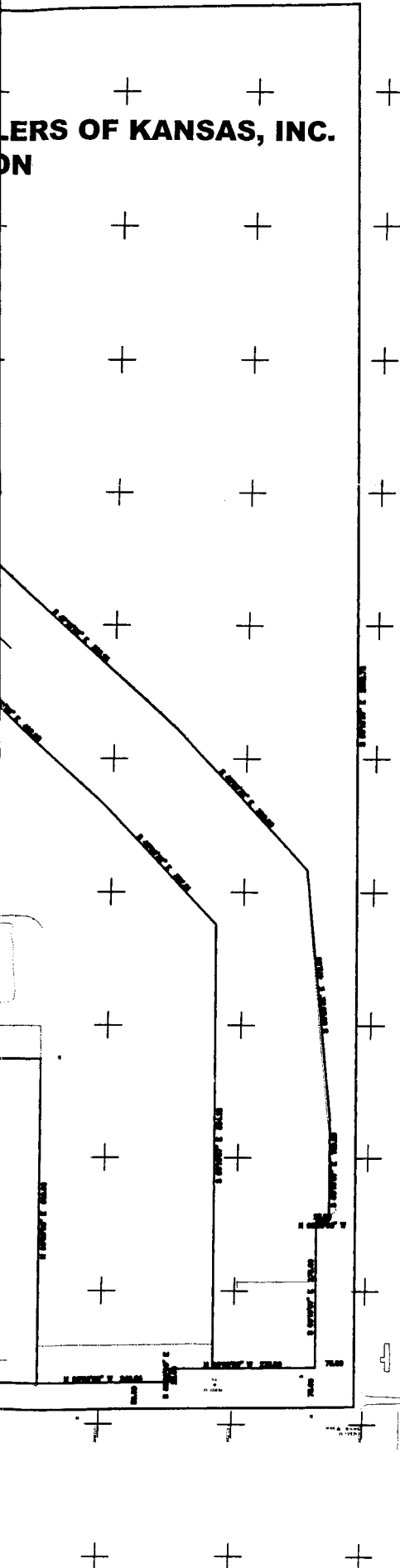
WATER ELEVATION = 1318.8 (MAY 2008)
100 TR W.S. = 1325.4
STOR. VOLUME = 29.8 AC-FT

37TH STREET NORTH

LEGAL DESCRIPTION

A portion of the Southeast Quarter of Section 26, Township 26 South, Range 1 West of the 6th Principal Meridian, Sedgwick County, Kansas described as follows: Beginning at the Southwest corner of said Southeast Quarter; thence North $00^{\circ}52'27''$ West (basis of bearings is assumed) along the West line of said Southeast Quarter 2468.05 feet to the South right-of-way line Highway K-96; thence Southeasterly along said highway right-of-way line on a curve to the right having a radius of 2475.37 feet (cord bears South $71^{\circ}23'25''$ East 481.64 feet) and following the arc of said curve 482.26 feet; thence South $69^{\circ}32'51''$ East along said highway right-of-way line 179.55 feet; thence South $66^{\circ}16'12''$ East along said highway right-of-way line 42.46 feet to a point described of record as being 660.00 feet East of the West line of said Southeast Quarter; thence South $00^{\circ}52'47''$ East 225.67 feet to the South line of said Southeast Quarter 660.14 feet (660.00 feet Record) to the point of beginning, containing 35.696 Acres, subject to a road right-of-way easement across the South 30.00 feet thereof and any other easements of record.

PLANNED CONSTRUCTION & DEMOLITION
C & D RECYCLERS OF KANSAS, INC.



SCALE: 1"=300'

**C & D RECYCLERS OF KANSAS, INC.
PLANNED CONSTRUCTION &
DEMOLITION LANDFILL EXPANSION**