

April 25, 2007

Rean Wessels, President  
LCI Services, Inc.  
413 Campus Drive  
Garden City, KS 67846

Dear Mr. Wessels,

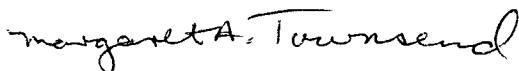
I have reviewed the application for the C&D landfill project in Finney County. From the information available to me at the Kansas Geological Survey I see that the soils are basically a fine sandy loam and the depth to water in T24S R 31W to 34W ranges from about 64 ft to 150 ft.

No information was provided as to the depth of the landfill. The soil survey information available from the NRCS web soil survey (<http://websoilsurvey.nrcs.usda.gov/app/>) indicated that the Valet fine sand is the dominant soil with 85-97% sand to depths of 20 feet at the pit sites in Finney County. If there are materials that are likely to leach and cause problems with ground-water quality this proposed site is on a potentially leachable soil. The NRCS could probably provide more detailed information on the soils and interpretation and should be consulted.

Because the ground-water table is deep the rate of movement of contaminants is slow. Estimated recharge for the High Plains aquifer is roughly 0.25 inches/year. However, if macropores are present then preferential flow could occur which could permit rapid flow to the ground water. Areas of south-western Kansas have known nitrate and atrazine contamination due to preferential flow. Because your site is near farmed ground, the design may want to take into account the possibility of runoff from these sites reaching your landfill. Also, there is the possibility of increased recharge to the ground water if the design does not include a means to divert potential rainfall or snow melt away from the active portion of the landfill.

I do not know what the KDHE regulations are for C&D landfills. I am only pointing out geologic issues that might impact the ground water. Based on the information provided to me, if the above issues are addressed by the consulting firm working with the client, then there should be no geologic issues. The KGS is not a geotechnical firm, so any engineering or design requirements needed for this project are not evaluated. The above comments are based on information that the Kansas Geological Survey has on this proposed site. Other geologic conditions, not discussed here, might affect the stability or safe operation of the proposal. It is the responsibility of the applicant to produce the detailed site evaluation.

Sincerely,



Margaret A. Townsend  
Geohydrology Section



413 Campus Drive  
Garden City, KS 67846

Phone: (620) 276-8660  
Fax: (620) 276-3980

---

March 1, 2007

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

**RE: New C & D Landfill Application – Request for Comments  
Finney County, Kansas**

Dear Sir or Madam:

As required by KDH&E we are informing you of our intention to pursue a permit for a new C&D landfill to be located on the SW  $\frac{1}{4}$  of the NE  $\frac{1}{4}$  of Section 24, T24S, R34W of the 6<sup>th</sup> P.M., in Finney County, Kansas. This 40-acre plot of land is in the middle of unimproved Sandhills pastureland that has never been cultivated. It is located approximately two and a half miles south of Holcomb. This will be a small facility and we anticipate taking in less than 10,000 tons of waste per year. Please see Attachments 1, 2, and 3 for location maps. We would welcome any comments that you might have.

We have been in the C&D landfill business in Garden City for many years. Currently, we are operating the only licensed C&D landfill in Finney County at 506 Burnside Drive in Garden City, Kansas, under the name of Ashton Group C&D Landfill. This facility is nearing the end of its lifespan and does not allow for an expansion due to current KDH&E location restrictions. However, there is still very much a need for such a facility and, thus, we need a different location to continue the service to Garden City, Holcomb and the surrounding County. Our waste stream is approximately 5,000 tons per year.

We trust that you will find that we have selected this new location to comply with all of the requirements set forth by KDH&E and the Kansas Geological Survey.

We appreciate your attention in this matter. If you have any questions or concerns, please don't hesitate to contact me and I would be happy to discuss them with you.

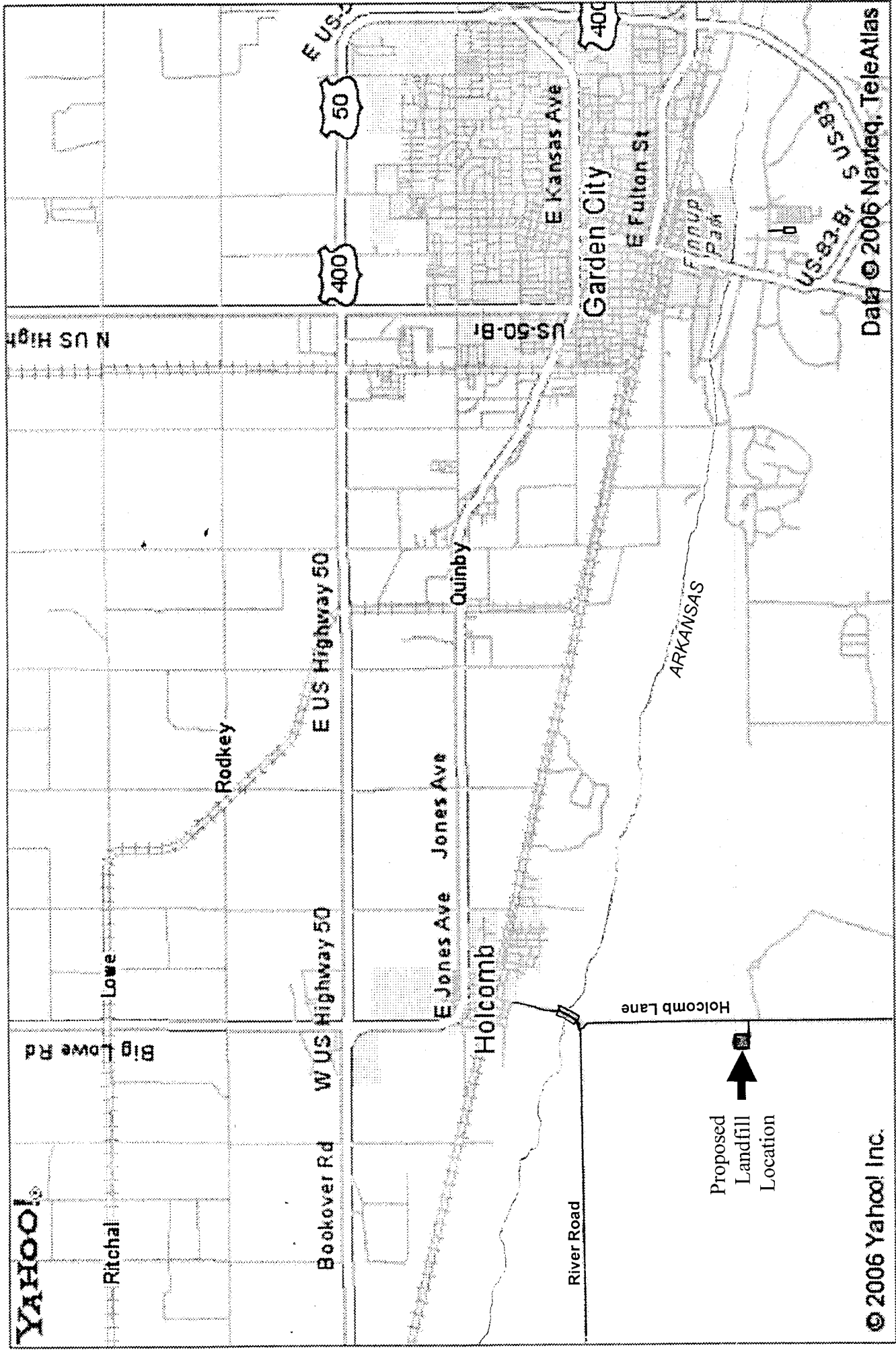
Sincerely,

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

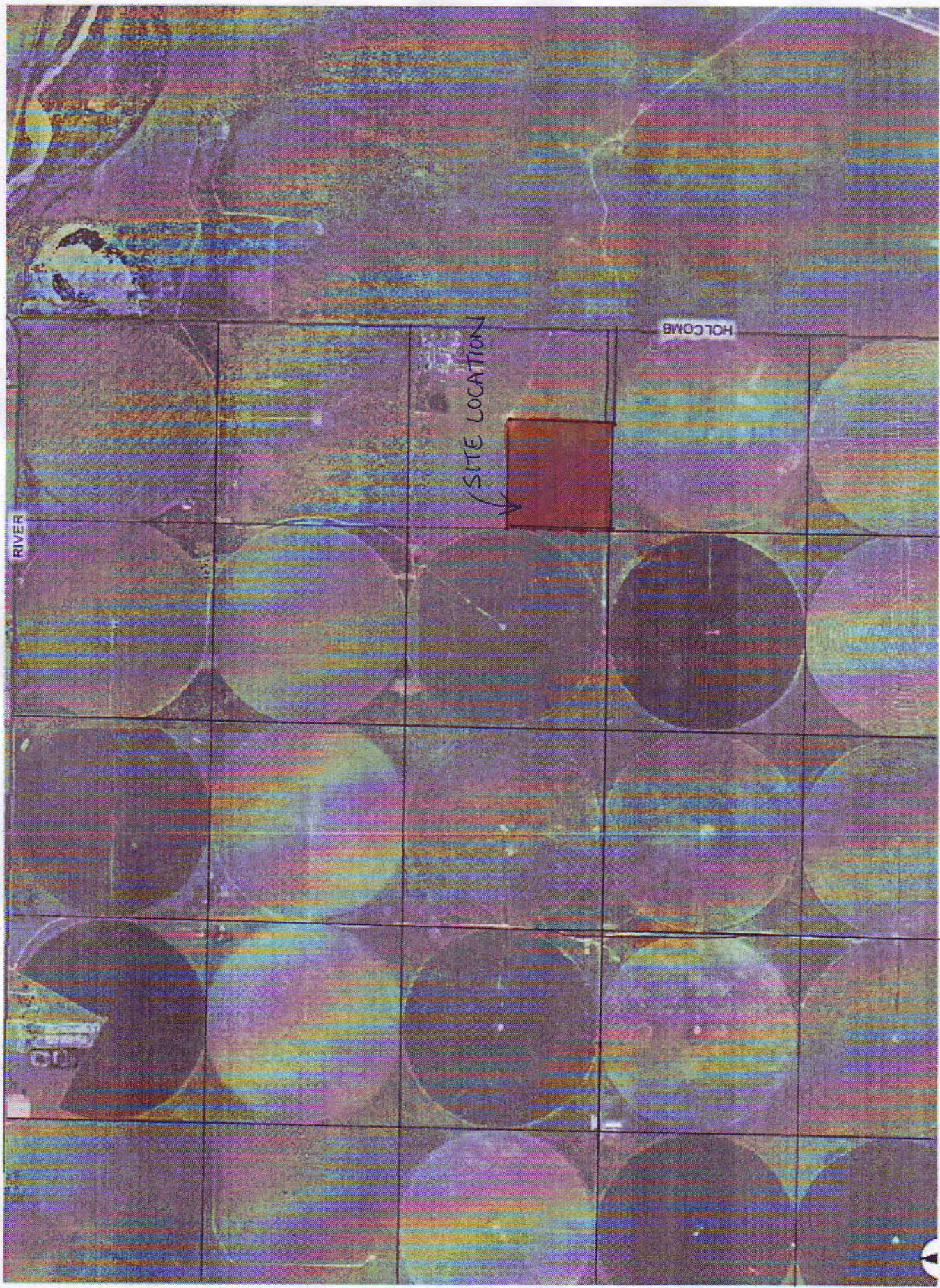
Rean Wessels  
President

ATTACHMENT 1

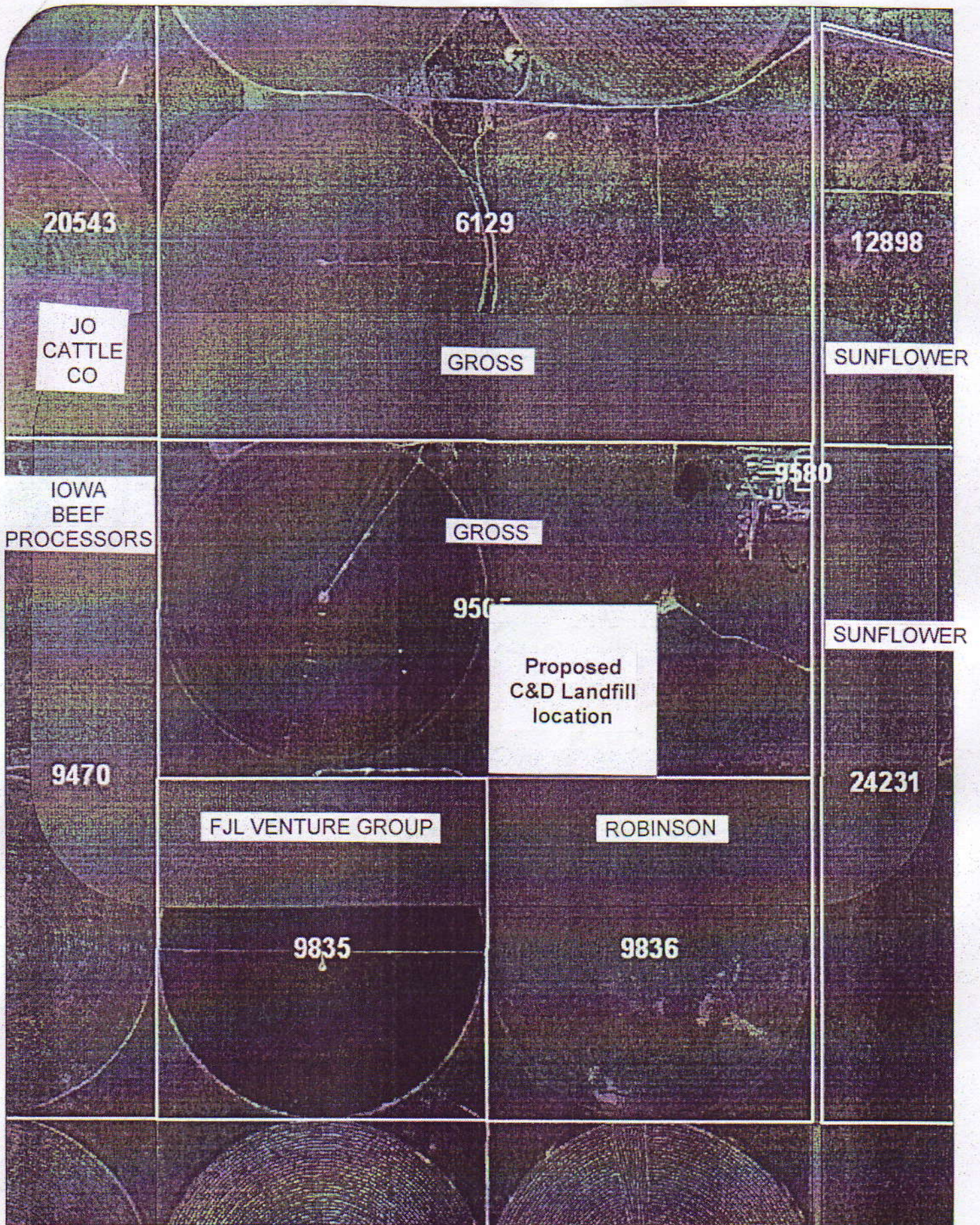
Proposed C&D Landfill Location



# ATTACHMENT 2

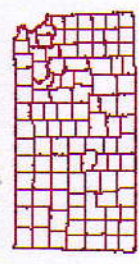


# ATTACHMENT 3



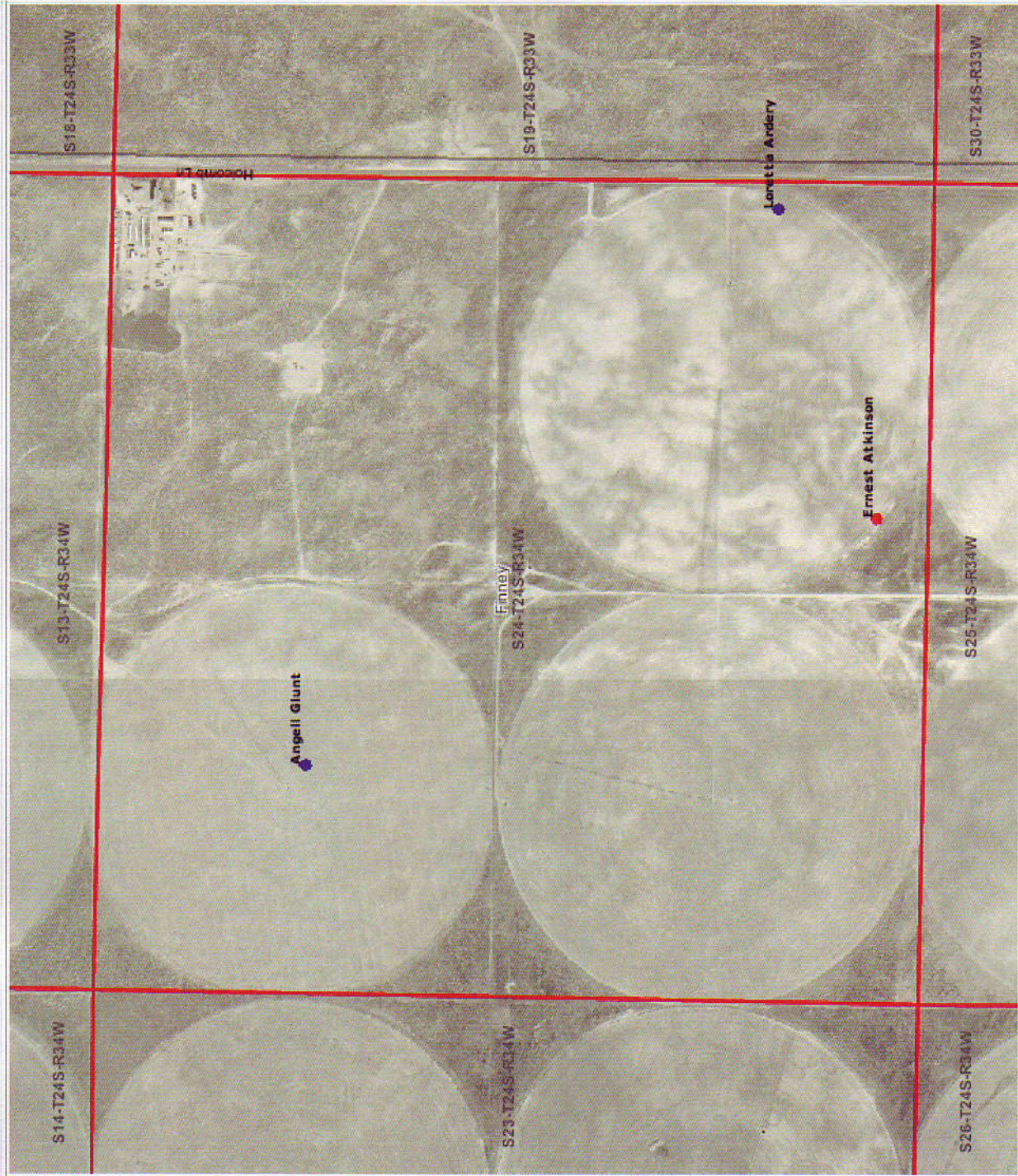
# Kansas WWC5 Well Viewer

## Overview Map

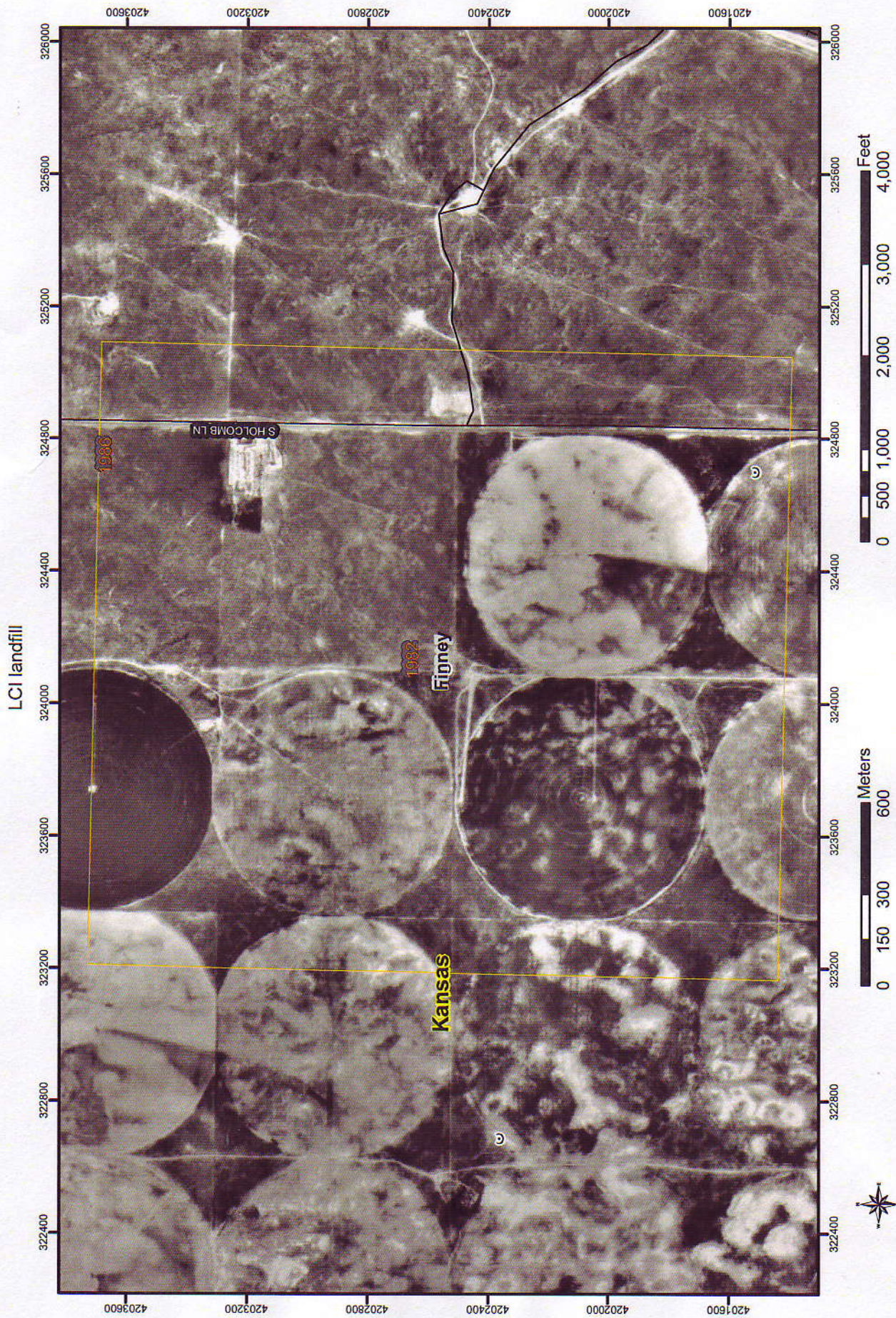


### Legend

- Single well (circle icon)
- Multiple wells (star icon)
- Yield (in gpm)
  - between 0.00 and 5.00 (red dot)
  - between 5.00 and 10.00 (pink dot)
  - between 10.00 and 2000.00 (blue dot)
  - unknown Yield (green dot)
- Township Boundary (dashed line)
- PLSS (red outline)
- Roads (double line)
- Rivers and Streams (blue line)
- County Boundary (thick red line)



# SOIL SURVEY OF FINNEY COUNTY, KANSAS



# SOIL SURVEY OF FINNEY COUNTY, KANSAS

LCI landfill

## MAP LEGEND

|                                                                                       |                         |
|---------------------------------------------------------------------------------------|-------------------------|
|    | Soil Map Units          |
|    | Cities                  |
|    | Detailed Counties       |
|    | Detailed States         |
|    | Interstate Highways     |
|    | Roads                   |
|    | Rails                   |
|    | Water                   |
|    | Hydrography             |
|    | Oceans                  |
|    | Escarpment, bedrock     |
|    | Escarpment, non-bedrock |
|    | Gulley                  |
|    | Levee                   |
|    | Slope                   |
|    | Blowout                 |
|    | Borrow Pit              |
|    | Clay Spot               |
|    | Depression, closed      |
|   | Eroded Spot             |
|  | Gravel Pit              |
|  | Gravelly Spot           |
|  | Gulley                  |
|  | Lava Flow               |
|  | Landfill                |
|  | Marsh or Swamp          |
|  | Miscellaneous Water     |
|  | Rock Outcrop            |
|  | Saline Spot             |
|  | Sandy Spot              |
|  | Slide or Slip           |
|  | Sinkhole                |
|  | Sodic Spot              |
|  | Spoil Area              |
|  | Stony Spot              |
|  | Very Stony Spot         |
|  | Perennial Water         |
|  | Wet Spot                |

## MAP INFORMATION

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>

Coordinate System: UTM Zone 14

Soil Survey Area: Finney County, Kansas  
Spatial Version of Data: 1  
Soil Map Compilation Scale: 1:24000

Map comprised of aerial images photographed on these dates:  
1991

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend Summary

## Finney County, Kansas

| Map Unit Symbol | Map Unit Name                                        | Acres in AOI | Percent of AOI |
|-----------------|------------------------------------------------------|--------------|----------------|
| 1982            | Valent fine sand, 5 to 20 percent slopes             | 1,163.8      | 100.0          |
| 1986            | Valent-Vona loamy fine sands, 0 to 15 percent slopes | 0.5          | 0.0            |

depth to 19' pit  
montmorillonite in clay  
caliche in profile  
sand 85-97%