

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

November 7, 2005

Mr. Jeff Schminke
USDA, Rural Development
2615 Farm Bureau Road
Manhattan, Kansas 66502

RE: Agency Comment Form for Bissen Concrete, LLC — Bluestem Electric Cooperative, Inc.

Dear Mr. Schminke:

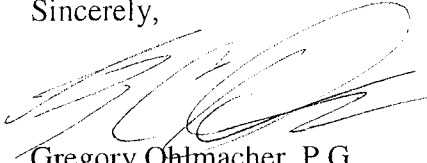
I have received your request for comment by the Kansas Geological Survey (KGS) on an application to USDA Rural Economic Development Loan from Bluestem Electric Cooperative Association., Inc. to assist Bissen Concrete, LLC. The loan will be used to build a new headquarters building and purchase associated equipment for the concrete business in the City of Westmoreland, Pottawatomie County, Kansas (NE¼ NE¼ S4 T8S R9E). Thank you for the maps showing the location of this new facility.

I examined the USGS Westmoreland 7½-minute topographic map, a 2002 orthophotograph, the NRCS soil report of Pottawatomie County, and a United States Geological Survey geologic report for Pottawatomie County (Scott, Foster and Crumpton, 1959, USGS Bulletin 1060-C). The geologic map indicates that the site is on Glacial Drift. Glacial Drift includes a variety of sediments deposited by or associated with the Pleistocene glaciers. These deposits are highly variable and include glacial till and alluvial deposits. The glacial till is material transported and deposited by the ice. It has highly variable material properties and has low permeability. Therefore it is not an aquifer. Alluvial or stream deposits are permeable and may be a local aquifer. If alluvial sands and gravels are encountered during construction, care must be taken in handling hazardous materials. The soil map indicates that the site is on Wymore soil, which develops on loess (wind deposited silt). Downslope from the site the soil unit is Pawnee, which develops on glacial till. Wymore soils have a moderate to high shrink-swell potential. This issue should be addressed during the design phase of the structure. FEMA flood maps indicate that the site is not in a designated flood area; however, the topographic map indicates that the site may be in a swale or minor drainage. The soil survey indicates that Wymore soils are subject to wetness and a swale might be an area where wetness might develop. Again, this issue should be addressed during the design phase of the structure. The Kansas Geological Survey has no knowledge of other geologic issues affecting this application.

The information provided is from countywide reports and should not be used as a substitute for a detailed site investigation by a licensed geologist or geotechnical engineer. Detailed site investigations are the responsibility of the applicant.

I have signed and enclosed the Agency Review Transmittal Form. If you have any questions, please contact me at (785) 864-2194 or ohlmac@kgs.ku.edu.

Sincerely,

A handwritten signature in black ink, appearing to read 'G. Ohlmacher', written over a horizontal line.

Gregory Ohlmacher, P.G.
Associate Scientist

Enc:

Comments by: G. Ohlmacher
Ks. Geological Survey
1930 Constant Avenue
Topeka, Ks. 666047
Transmittal Date: October 20, 2005

PROJECT TITLE: Bissen Concrete, LLC-
Bluestem Electric Cooperative Assoc., Inc.
CONTACT PERSON:

☐ Notification of Intent
☐ Preapplication
☐ Final Application
☐ Direct Development

This form provides notification and the opportunity for your agency to review and comment on this proposed project required by executive Order 12372. Please complete Parts II & III as appropriate. Your prompt response will be appreciated.

RETURN TO: **USDA RURAL
DEVELOPMENT,
2615 Farm Bureau Road
Manhattan, KS. 66502
Attn: Jeff Schminke**

PART I

REVIEW AGENCIES/COMMISSIONS

☐ Aging	☐ Education	☐ State Forester
☐ Agriculture-DWR	☒ Geological Survey, KS	☐ Transportation
☐ Biological Survey, KS	☐ Health & Environment	☐ Water Office, Kansas
☐ Conservation Commission	☐ Historical Society	☐ Wildlife & Parks
☐ Corporation Commission	☐ Human Resources	☐
☐ Commerce	☐ Social & Rehab. Services	☐

PART II (To be completed by review agency and returned to contact person)

AGENCY REVIEW COMMENTS

COMMENTS: *See cover letter about swelling soils and soil wetness. These issues can be addressed in the design & construction of the structure*

PART III (To be completed by review agency and returned to contact person)

RECOMMENDED ACTION COMMENTS

☐ Clearance of the project should be granted.	☒ Clearance of the project should not be delayed but the Applicant should be (in the final application) address and clarify the questions or concerns indicated above.
☐ Clearance of the project should not be granted.	
☐ Clearance of the project should be delayed. until the issues or questions have been clarified.	☐ Request the opportunity to review final application prior to submission to the federal funding agency.
☐ Request a State Process Recommendation in concurrence with above comments.	

Reviewer's Name  DIVISION/AGENCY/COMMISSION _____ Date: 11/7/05
PLEASE FAX THIS FORM TO 785-539-2733 As Soon As Possible.



**United States Department of Agriculture
Rural Development**

October 20, 2005

G. Ohlmacher
Ks. Geological Survey
1930 Constant Avenue
Lawrence, Ks. 66047

RE: Bissen Concrete, LLC – Bluestem Electric Cooperative Association, Inc.

The Bluestem Electric Cooperative Association, Inc., Wamego, Kansas has submitted an application for a Rural Economic Development Loan to USDA-Rural Development to assist Bissen Concrete, LLC. The purpose of the proposed loan will be to assist in the construction of a new headquarters building and purchase of associated equipment for the concrete business in the City of Westmoreland, Pottawatomie County, Kansas. City utilities are available and will be connected.

The legal description is:

Lot 3 in Farmers State Bank Addition, City of Westmoreland, NE ¼ Section 4, Township 8, Range 9, Pottawatomie County, Kansas.

This letter is providing notification of the above-proposed project, as well as the opportunity for your agency to review and comment on the proposed project as required by Executive order 12372.

More specific information describing the proposal may be obtained from the following contacts:

APPLICANT

Bluestem Electric Cooperative Inc.
Ron Dickey, Services Manager
PO Box 5
Wamego, Kansas 66547
800-558-1580

ULTIMATE RECEIPIENT

Bissen Concrete, LLC
Robert Bissen, President
PO Box 25
Westmoreland, KS 66549
785-457-1111

2615 Farm Bureau Road • Manhattan, KS 66502
(785) 776-7582 • Fax (785) 539-2733 • www.rurdev.usda.gov/ks

Committed to the future of rural communities

Rural Development is an Equal Opportunity Lender, Provider, and Employer. Complaints of discrimination should be sent to USDA, Director, Office of Civil Rights, Washington, D. C. 20250-9410

Please provide your comments to this office, attention Jeff Schminke, Area Specialist, no later than 11-21-05. Faxed responses are acceptable.

Rural Development will not obligate funds for this project until we have completed an Environmental Assessment of the project.

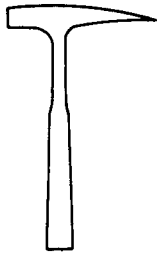
Sincerely,


JEFF J SCHMINKE
Area Specialist

CC. David Kramer, B&CP Specialist, Topeka, KS

Attachments

JJSchminke:js



KANSAS GEOLOGICAL SURVEY

The University of Kansas
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October 31, 2005

Mr. Jeff Schminke
USDA, Rural Development
2615 Farm Bureau Road
Manhattan, Kansas 66502

RE: A Request for Further Location Information for Bissen Concrete, LLC — Bluestem Electric Cooperative, Inc.

Dear Mr. Schminke:

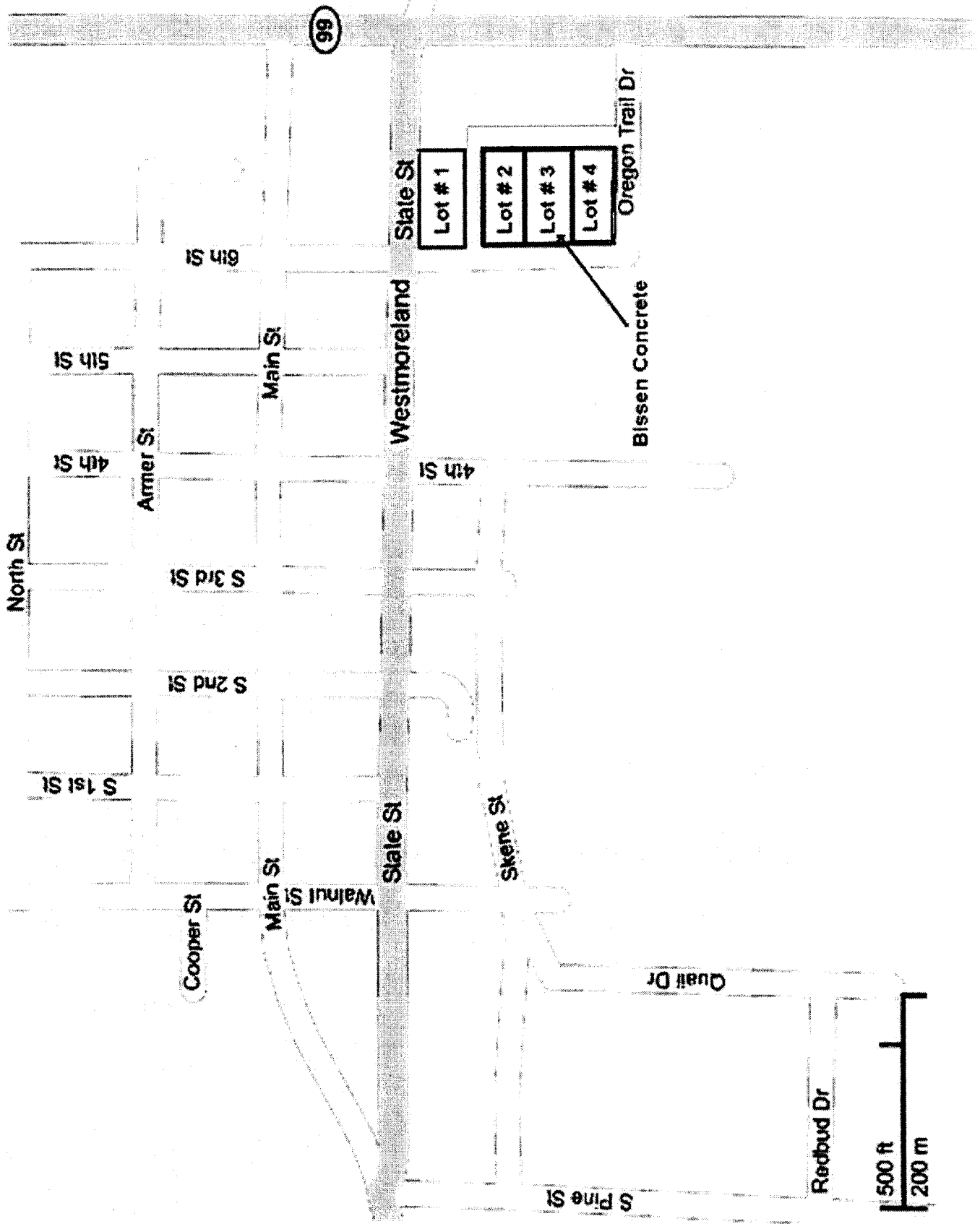
I have insufficient data to locate the building site for the above application (see enclosed cover letter dated October 20). I don't have access to a database with the tract information needed to locate this site. Numerous internet sites provide maps that can be used to plot the building site location. For example the DASC web site (gisdacs.kgs.ku.edu) has a map viewer (Image Map) that can be used to zoom into any area in Kansas. The site includes roads, rivers, public land survey (plss) data, and USGS topographic maps. These maps can be printed and the location can be marked on the map. Please be sure that enough landmark data (street names) are provide so I can transfer the location to other maps.

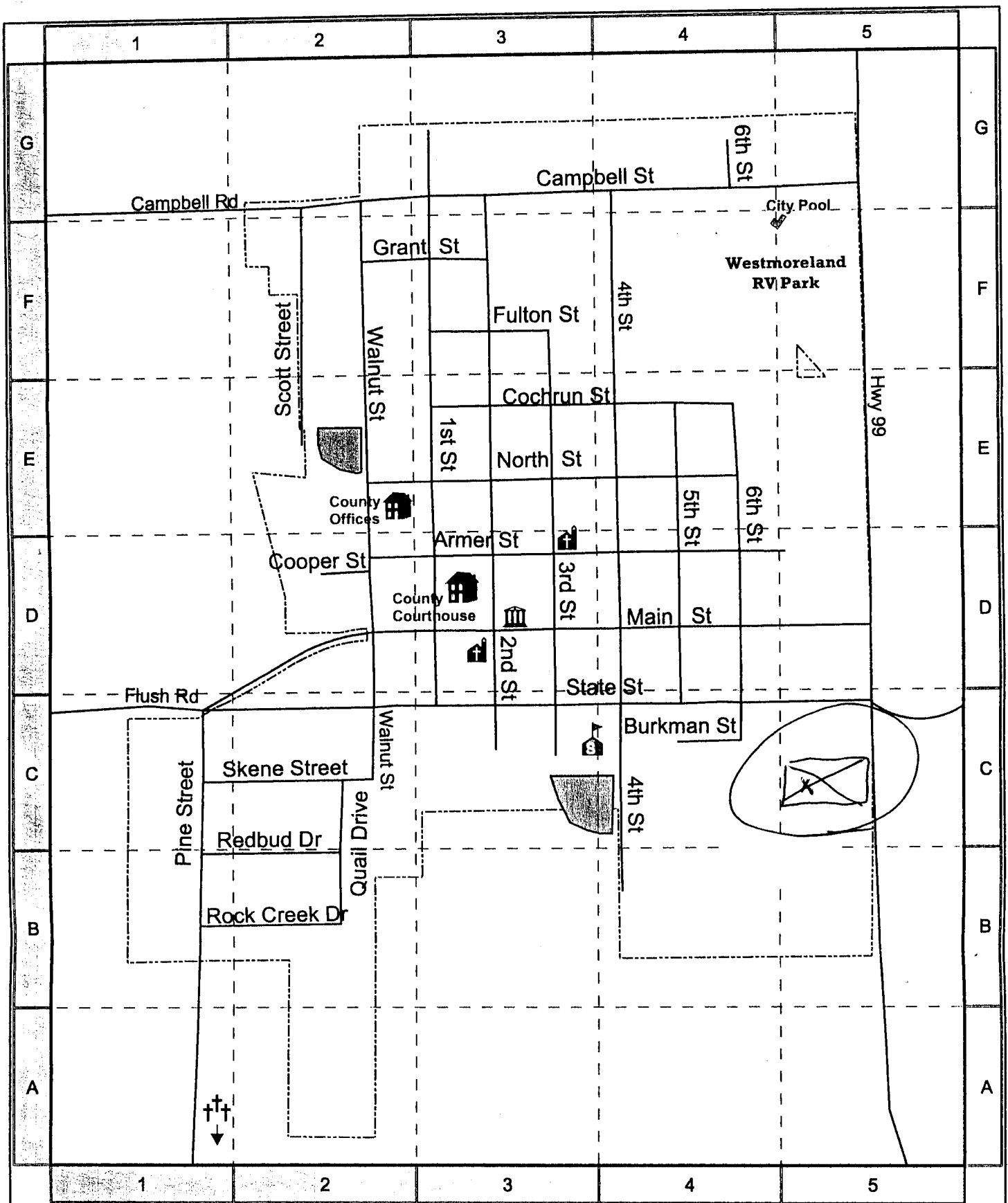
Thank you for your time in this matter. If you have any questions, please contact me at (785) 864-2194 or ohlmac@kgs.ku.edu.

Sincerely,

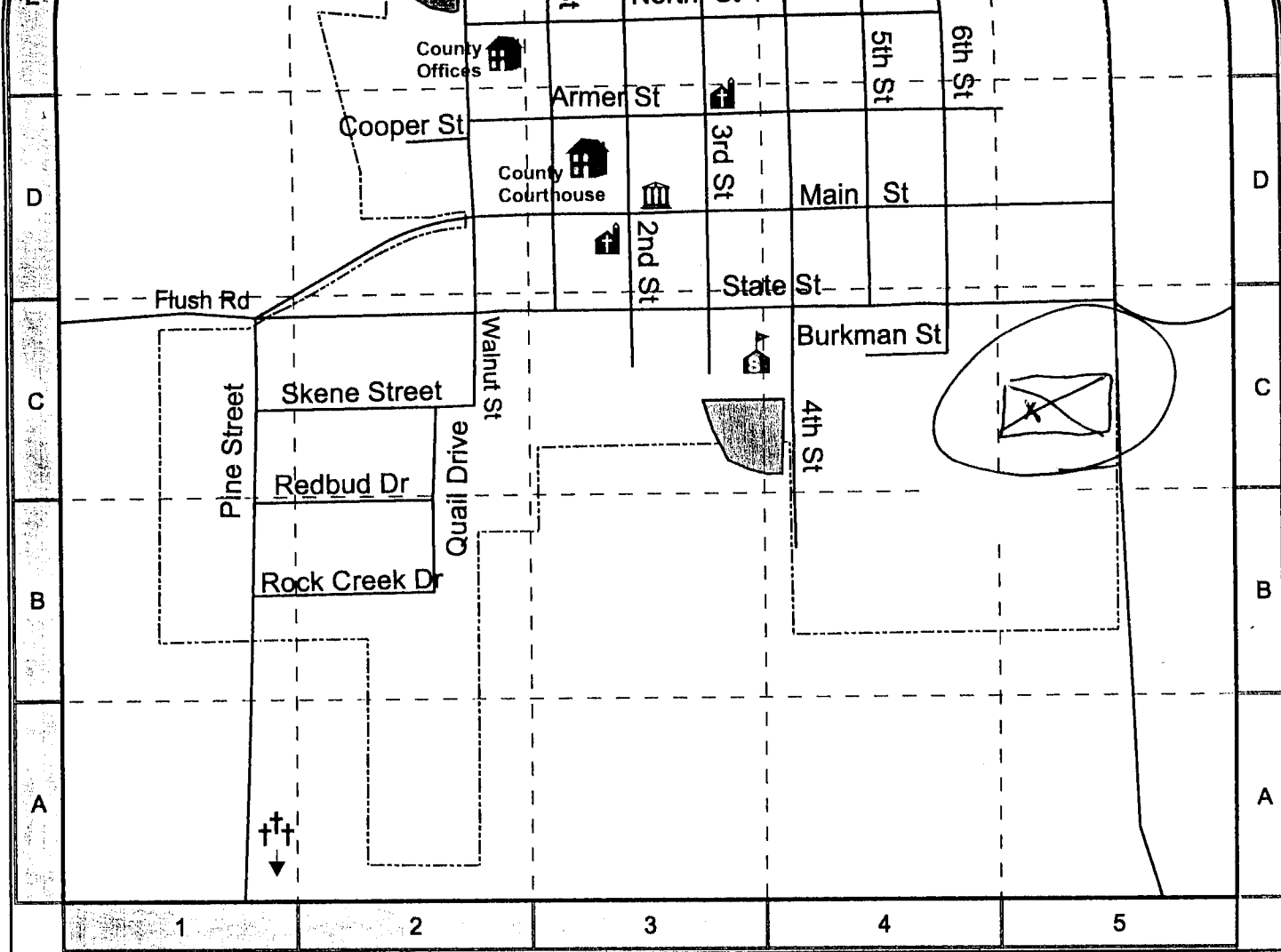
Gregory Ohlmacher, P.G.
Associate Scientist

Enc: Cover letter of October 20, 2005





Westmoreland City Street Index			
 Legend	1st Street	C3-G3	Fulton Street
	2nd Street	C3-G3	Grant Street
	3rd Street	C3-F3	Hwy 99
	4th Street	B4-G4	Main Street
	5th Street	C4-E4	North Street
			F3
			F2-F3
			A5-G5
			D2-D5
			E2-E4



Westmoreland City Street Index			
Legend - School - Church - City Office - Ball Diamond - Cemetery - City Limits			
1st Street	C3-G3	Fulton Street	F3
2nd Street	C3-G3	Grant Street	F2-F3
3rd Street	C3-F3	Hwy 99	A5-G5
4th Street	B4-G4	Main Street	D2-D5
5th Street	C4-E4	North Street	E2-E4
6th Street	C4-E4	Pine Street	B1-C1
Armer Street	D2-D4	Quail Drive	C2-B2
Burkman Street	C4	Redbud Drive	B1-B2
Campbell Street	G2-G5	Rock Creek Dr	B1-B2
Campbell Road	G1	Scott Street	E2-F2
Cochrun Street	E3-E4	Skene Street	C1-C2
Cooper Street	D2	State Street	C1-C5
Flush Road	C1	Walnut Street	C2-G2