



Seneca Environmental Services

CON 12-15
doc # 8242

February 25, 2005

Thermogas, Riceville

Mr. Lambert Nnadi
Senior Environmental Specialist, Contaminated Sites Section
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, IA 50319

Subject: Submittal of the 2004 receptor survey for the former Thermogas facility in
Riceville, IA

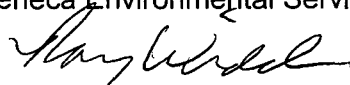
Dear Mr. Nnadi:

In the DNR letter dated May 10th, 2004, it was stated that no further action was required at this site. Further monitoring of groundwater was not conducted at this site during 2004. A one-mile radius search conducted by the Iowa Geological Survey Bureau, was completed to ensure the absence water wells in the site vicinity. The current site receptor survey has identified one private water well (#74674) within 1,000 ft. The well is located approximately 1,000 feet north of the site at 11536 Addison Avenue. As groundwater concentrations at the site monitoring wells are not above the published EPA MCL or HALs, the private well is not considered at risk at this time.

Retail sale of bulk and/or packaged row crop production products has never occurred at the Riceville site; the site is presently operated as a lumberyard. Current receptor surveys did not reveal any designated use water bodies in the site vicinity, but one private drinking water well was noted within 1,000 feet of the site. Seneca does not believe further action is warranted at the Riceville site at this time. The monitoring wells at the site will be plugged in accordance with the IDNR requirements for plugging abandoned wells.

If you have any questions regarding this report, please call me at 515-261-7722

Sincerely,
Seneca Environmental Services


Ray Widder, CGP# 1624
Senior Hydrogeologist

cc: CHS Inc., St. Paul, MN
File: 6235003

Enclosed: Scaled Site Map, Well Survey Results

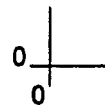
Des Moines






P.O. Box 3360
4140 N.E. 14th Street
Des Moines, Iowa 50316-0360
515-262-3500
800-369-3500
515-262-2469 FAX

Bettendorf

17851 244th Avenue
Bettendorf, Iowa 52722
563-332-2272
800-728-6900
563-332-9465 FAX

Scaled Site Map



 MONITORING WELL LOCATION
 SOIL BORING LOCATION
 PROPERTY LINE
 FENCE LINE
 TREES

[illegible]

Well Survey Results

Iowa Department of Natural Resources
109 Trowbridge Hall
Iowa City, IA 52242-1319
319-335-1575
319-335-2754 (fax)



To: Leslie L. Nagel
Seneca Environmental Services
4140 NE 14th Street
Des Moines, IA 50313
515-261-7733/515-262-2469 (fax)

From: Paul VanDorpe

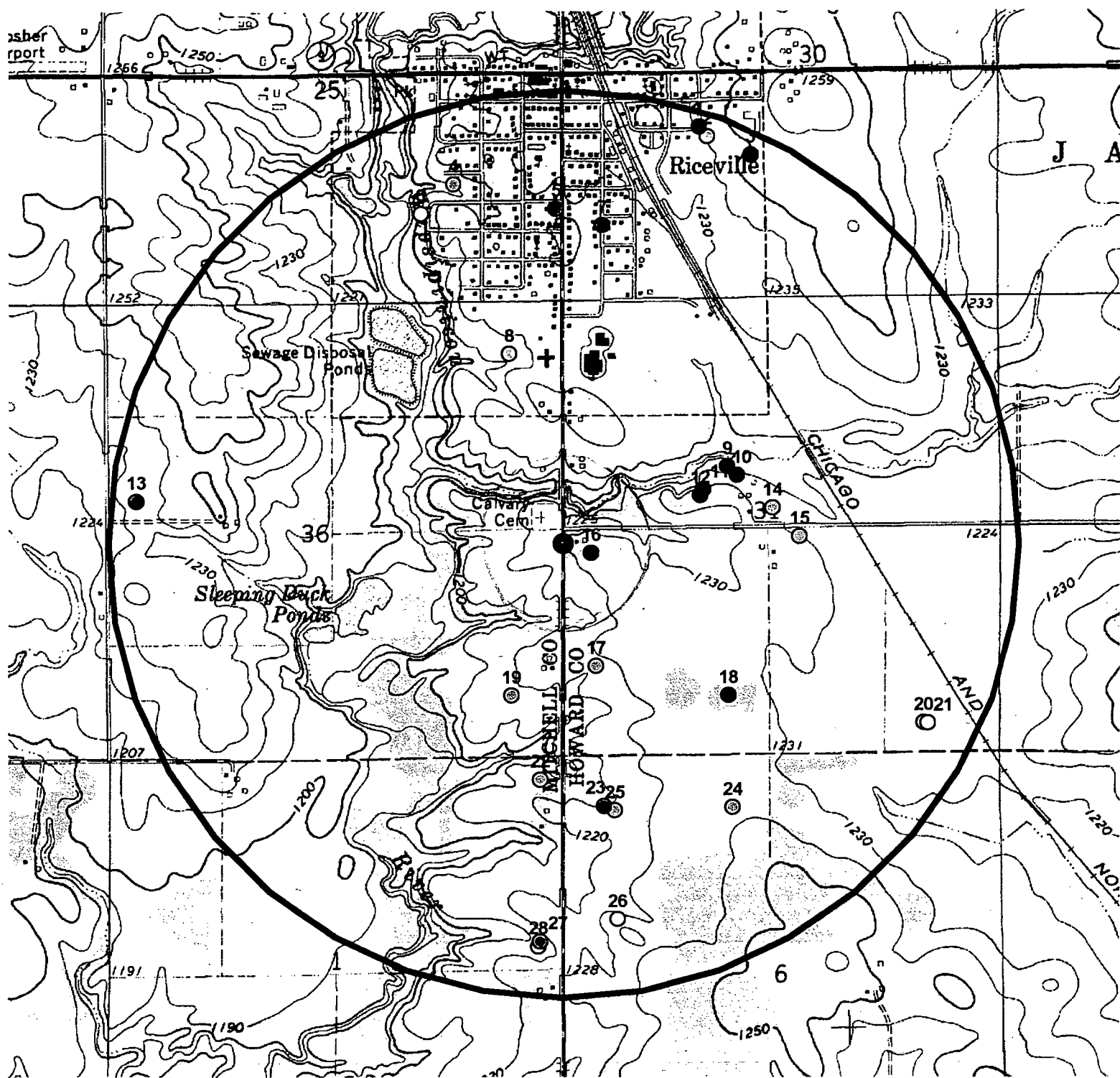
Date: 2/2/2005

Subject: Well search results
Seneca Project # 6235000

Included in search	No. of wells	Database
X	12	IGS well database general well database maintained by IGS, location accuracy varies 3,730 to 25 ft., last updated 12/2004.
X	1	Public wells (municipal) municipal well database maintained by IGS, location accuracy varies 3,730 to 25 ft., under development
X	1	Public wells (non-municipal) municipal well database maintained by IGS, location accuracy varies 3,730 to 25 ft., under development
X	2	Private well tracking system IDNR database management system for Grants-to-counties-covered wells. Locational accuracy unknown, assumed to be +/-17m., Last update 12/2004.
X	6	Wells registered for testing wells tested under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	3	Permitted private wells wells permitted under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	2	Registered abandoned wells wells abandoned under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	1	Public water supply wells and intakes locational accuracy 220 m., last updated 8/96
X	0	Water use permit facilities facilities permitted to withdraw >25,000 gallons per day, locational accuracy is +/- 3,750 ft.; last updated 10/96
X	0	Agricultural drainage wells locational accuracy 100m., last updated 4/98

IGS Well Search Results For Ostrander Farmers Coop.

Search Radius: 5280 ft.



Well search results

- IGS well database
- Public wells (municipal)
- Public water supply wells and intakes
- Public wells (non-municipal)
- Registered abandoned wells
- Permitted private wells
- Private well tracking system wells
- Wells registered for testing

*Note: wells with identical locations have been shifted from their original locations for the purpose of preparing this map.



Iowa Geological Survey
109 Trowbridge Hall
Iowa City, IA 52242-1319
319-335-1575
319-335-2754 (fax)
February 2, 2005

Well Search Results For Ostrander Farmers Coop.; Search Radius: 5280 ft.

IGS well database

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
2	17554	T. 99 N., R. 14 W., Sec. 30, SW, NE, SW, NE	468	1/1/1964	Riceville, City Of	Bedrock depth unkn; scanned log available
4	24604	T. 99 N., R. 15 W., Sec. 25, SE	240	8/1/1976	Anderlick, Dale	Bedrock depth unkn
8	25651	T. 99 N., R. 15 W., Sec. 36, NE, NE	140	5/1/1979	Hungton, Don	Bedrock depth 85 ft.; scanned log available
14	19765	T. 99 N., R. 14 W., Sec. 31, NW, SE, SE, SE	240	4/21/1967	Mosher, Coral	Bedrock depth 220 ft.
15	10663	T. 99 N., R. 14 W., Sec. 31, SE, NW, NW, NW	225	5/26/1958	Julis, Lee	Bedrock depth 200 ft.; scanned log available
17	33634	T. 99 N., R. 14 W., Sec. 31, SW, SW, NW	160	10/14/1992	Mcneilus Truck & Mfg.	Bedrock depth 105 ft.
19	25341	T. 99 N., R. 15 W., Sec. 36, SE, SE	130	8/18/1978	Teach, Lee	Bedrock depth 115 ft.
20	53914	T. 99 N., R. 14 W., Sec. 31, SE, SE, SW	246	5/10/2001	Hemann, Alan	Bedrock depth 228 ft.
22	51892	T. 98 N., R. 15 W., Sec. 1, NE, NE, NE	136	4/18/2000	Rasmussen, Bob	Bedrock depth 72 ft.
24	26446	T. 98 N., R. 14 W., Sec. 6, NW, NE	115	10/16/1979	Myer (meiers?), Mike	Bedrock depth 105 ft.
25	53148	T. 98 N., R. 14 W., Sec. 6, NW, NW, NW, SE	160	10/14/1992	Iowa Contract Fabricators	Bedrock depth unkn
28	34512	T. 98 N., R. 15 W., Sec. 1, NE, SE, SE	195	1/13/1994	Foster, Dean	Bedrock depth 93 ft.

Public wells (municipal)

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
1	17554	T. 99 N., R. 14 W., Sec. 30, SW, NE, SW, NE	468	1/1/1964	Riceville, City Of	Bedrock depth unkn; Well status: Primary, Local id: #2

Public wells (non-municipal)

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
23	53148	unkn	unkn	unkn	Iowa Contract Fabricators	Bedrock depth unkn

Private well tracking system wells

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
* 5	2091474	T. 99 N., R. 15 W., Sec. 25, SE NE SE NE SE	140	1/1/1950	Jahr, Pete	Status: Active Use: Household Program source: Well testing
7	2075359	T. 99 N., R. 14 W., Sec. 30, SW NW SW SE NW	24	12/11/2001	Reis, John	Status: Plugged Use: Household Program source: Well plugging

Wells registered for testing

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
9	74544	T. 99 N., R. 14 W., Sec. 31, NW, SE	unkn	unkn	Rasmussen, Robert	Drilling method: Unknown; Well depth is uncertain
10	74545	T. 99 N., R. 14 W., Sec. 31, NW, SE	unkn	unkn	Rasmussen, Robert	Drilling method: Unknown; Well depth is uncertain
11	72629	T. 99 N., R. 14 W., Sec. 31, NW, SE, SW	unkn	unkn	Torney, Randy	Drilling method: ; Well depth is uncertain
12	22337	T. 99 N., R. 14 W., Sec. 31, NW, SE, SW	unkn	unkn	Torney, Randy	Drilling method: ;
16	74670	T. 99 N., R. 14 W., Sec. 31, SW, NW, NW	130	unkn	Vote, Merlyn	Drilling method: Drilled; Known well depth
* 18	30051	T. 99 N., R. 14 W., Sec. 31, SW, SE	unkn	unkn	Mosher, Virgil	Drilling method: ; Well depth is uncertain

Merlyn Vote 11536 Addison Ave

Permitted private wells

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
6	28665	T. 99 N., R. 15 W., Sec. 25, SE, SW, NE	30	unkn	Riceville	Primary use: <u>monitoring</u>
21	28994	T. 99 N., R. 14 W., Sec. 31, SE, SE, SW	unkn	4/30/2001	Hemann, Alan	Primary use:
26	13359	T. 98 N., R. 14 W., Sec. 6, NW, SW	250	10/9/1992	Unkn	Primary use: Industrial/Commercial

Registered abandoned wells

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
13	22474	T. 99 N., R. 15 W., Sec. 36, NW, SW, SW	287	n.a.	Moore, Charles	Well plugged: 8/16/1995; Well type: < 18" dia.
27	16363	T. 98 N., R. 15 W., Sec. 1, NE, SE, SE	89	n.a.	Foster, Dean	Well plugged: 1/13/1994; Well type: < 18" dia.

Public water supply wells and intakes

Map Id	Well No.	Location	Well depth	Construction/ Permit date	Owner/Permittee	Other information
3	5597	T99N, R14W, Sec. 30	n.a.	n.a.	Riceville	n.a.