Renewal

78-SDP-17-96P-LAN

☐ New Permit ☒ Permit Renewal # 78 - SDP - 17 - 96P LAN ☐ Permit Amendment

IOWA DEPARTMENT OF NATURAL RESOURCES

Solid Waste Land Application

PERMIT APPLICATION FORM 50G

Applications for solid waste land application must be accompanied by the plans, specifications and additional information required by the applicable solid waste rules under Iowa Administrative Code 567 Chapter 121.

Send completed applications with attached information to:

Planning, Permitting & Engineering Section
Energy & Waste Management Bureau
Iowa Department of Natural Resources
502 E 9th Street
Des Moines, IA 50319

Con 12-1-1
Doc # 17711

For questions concerning this application contact Matt McDonald at 515-281-8150 or matt.mcdonald@dnr.state.ia.us

SECTION 1. FACILITY CONTACT INFORMATION

Solid Waste Generator Name/Address:	Name/Address of Responsible Official:
Greater Omaha Packing Inc 3001 L st. Omaha NE. 68107 Phone #: 800-747-5400 Fax #: 402-731-7542	Feedlot Service Co. Fred Roange 31363 Morton Ave Neola IA 51559 Phone #: 712-485-2010 Fax #:
Name/Address of Consultant, if any:	**Name/Address of Certified Professional Agronomist:**
Turner's Ag Consulting Co. P.O. Box 301 Neola IA 51559 Phone #: 712-310-0633 Fax #: 712-~~310~~ 485-2052	Joe Turner Turner Ag Consulting Co. P.O. Box 301 Neola IA 51559 Phone #: 712-310-0633 Fax #: 712 485-2052

SECTION 2. PERMIT APPLICATION CHECKLIST

Checking the appropriate boxes below certifies that the documents submitted in conjunction with this application form are complete and in compliance with the applicable chapters of the Iowa Administrative Code. While some of the documents below may have been submitted previously, updated copies of each is required to be provided with each permit renewal application. Three (3) copies of each document shall be submitted. If an application is found by the department to be incomplete, it may be denied and returned to the applicant.

Required Document	Attached
Section A. Executive summary	☑
Section B. Site map(s) and aerial photograph(s) [IAC 567 121.4(1)a(1)]	☑
Section C. Soil map(s) [IAC 567 121.4(1)a(2)]	☑
Section D. Proof of site(s) ownership or legal entitlement to use the site [IAC 567 121.4(1)b(6)]	☑
Section E. Evidence of NRCS review [IAC 567 121.4(1)a(3)]	☑
Section F. Site(s) acreage information [IAC 567 121.4(1)a(4)]	☑
Section G. Well information [IAC 567 121.4(1)a(5)]	☑
Section H. Soil loss information [IAC 567 121.4(1)a(6), (7) and (8)]	☑
Section I. Site(s) soil testing requirements [IAC 567 121.4(1)a(9)]	☑
Section J. Site water table level(s) [IAC 567 121.4(1)a(10)]	☑
Section K. Method of waste treatment prior to disposal [IAC 567 121.4(1)a(11)]	☑
Section L. Waste analytical results [IAC 567 121.4(1)a(12)]	☑
Section M. Detailed description of disposal process and equipment to be used [IAC 567 121.4(1)a(13) and (14)]	☑
Section N. Evidence that waste application will not cause adverse effects to land and water [IAC 567 121.4(1)a(15), (16) and (17)]	☑
Section O. Information indicating how the operational requirements of 121.4(1) "c" and "d" will be met [IAC 567 121.4(1)a(18)]	☐
Section P. Emergency Response and Remedial Action Plan [IAC 567 102.14]	☑

SECTION 4. APPLICANT CERTIFICATION

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I further certify that the construction and operation of the above described facility will be in accordance with the plans, specifications, reports and related communications accepted by the Iowa Department of Natural Resources and on file in its office; and in accordance with conditions imposed in the permit issued by the Iowa Department of Natural Resources.

Signature: _____ **Date:** 7-10-06

Printed Name: Joseph M Turner **Title:** 7-10-06

Section A Executive Summary

No modification have made to facility since the permit was last renewed, (there has been gravel added to road way)

Special Provisions

1. 2 ton of product is allowed to be applied per acre per year
   Amendment 1, June 17 2004 authorized to apply paunch at rate not exceed 4.5 tons
2. Paunch is to be applied to site of legal discretion in the permit
3. A annual Agronomist report is due by November off each year stating the past and new information and a annual inspection of the land being used to ensure soils properties a maintained
4. Quarterly application reports are to be submitted

5.

PLANS AND SPECIFICATIONS
APPURTENANT TO
PERMIT FOR SANITARY DISPOSAL PROJECT
NO. 78-SDP-17-96P-LAM
DATED 9/13/06

IOWA DEPARTMENT OF
NATURAL RESOURCES
LAND QUALITY & WASTE MANAGEMENT
ASSISTANCE DIVISION
By

MAPQUEST

Start: **3001 L St**
Omaha, NE 68107-1409, US

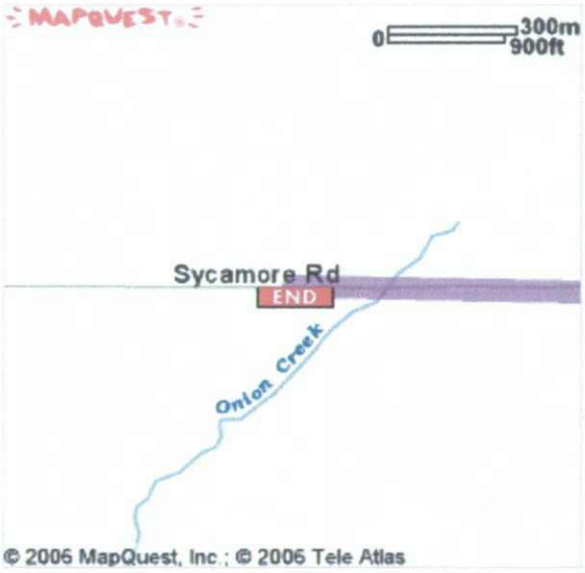
End: **25464 Sycamore Rd**
Neola, IA 51559-5102, US

Notes:

Directions		Distance
Total Est. Time: 41 minutes	**Total Est. Distance:** 28.48 miles	
START	**1:** Start out going EAST on L ST / US-275 E / NE-92 E toward S 29TH PLZ.	0.3 miles
	2: Turn SLIGHT LEFT onto S 26TH ST.	<0.1 miles
NORTH 75	**3:** Merge onto US-75 N / KENNEDY FWY via the ramp on the LEFT toward I-80.	0.8 miles
EAST 80	**4:** Merge onto I-80 E (Crossing into IOWA).	19.3 miles
17 EXIT	**5:** Take the CR-G30 exit- EXIT 17- toward UNDERWOOD.	0.4 miles
	6: Turn LEFT onto CR-G30 / MAGNOLIA RD.	0.6 miles
	7: Turn RIGHT onto IA-191 / RAILROAD HWY / CR-G8L.	2.2 miles
	8: Turn LEFT onto CR-L52 (Portions unpaved).	3.1 miles
	9: Turn LEFT onto CR-G20 (Portions unpaved).	1.4 miles
END	**10:** End at **25464 Sycamore Rd** Neola, IA 51559-5102, US	
Total Est. Time: 41 minutes	**Total Est. Distance:** 28.48 miles	

Start:
3001 L St
Omaha, NE 68107-1409, US

End:
25464 Sycamore Rd
Neola, IA 51559-5102, US



MAPQUEST.

Start: **3001 L St**
Omaha, NE 68107-1409, US

End: **26338 310th St**
Neola, IA 51559-6004, US

Notes:

Directions	Distance
Total Est. Time: 31 minutes **Total Est. Distance:** 26.64 miles	
1: Start out going EAST on L ST / US-275 E / NE-92 E toward S 29TH PLZ.	0.3 miles
2: Turn SLIGHT LEFT onto S 26TH ST.	<0.1 miles
3: Merge onto US-75 N / KENNEDY FWY via the ramp on the LEFT toward I-80.	0.8 miles
4: Merge onto I-80 E (Crossing into IOWA).	19.3 miles
5: Take the CR-G30 exit- EXIT 17- toward UNDERWOOD.	0.4 miles
6: Turn RIGHT onto MAGNOLIA RD / CR-G30. Continue to follow CR-G30.	4.1 miles
7: Turn LEFT onto CR-L55.	1.4 miles
8: End at **26338 310th St** Neola, IA 51559-6004, US	
Total Est. Time: 31 minutes **Total Est. Distance:** 26.64 miles	

Start:
3001 L St
Omaha, NE 68107-1409, US

End:
26338 310th St
Neola, IA 51559-6004, US

Sec P. EPPAP

Emergency Response and Remedial Action Plan

Land Application of Paunch manure is a wet livestock feed product. The material is trucked from Greater Omaha Packing in Omaha Ne. approximately 30 miles. The product is delivered to Feedlot Service Co. in Neola Iowa. At that time its unloaded in a Concrete holding area (with a dump trailer). After unloading the product is then loaded into dry manure spreaders with a bucket loader and taken to field for land application. Following land application a tillage pass is performed to incorporate the material into the soil.

The operation generally requires only the labor of one individual. Throughout the operation of the paunch manure no utilities or hazardous material are used at any time.

The Temporary holding area for the paunch manure (12-72 hours) is at least ¼ of a mile for any water sources, Roads, or residents.

Responsible Official

Fred Roane
Ph. 712-485-2435
36338 310th st
Neola, Iowa 51559
Location: Pottawattamie Co, York Twp. Sec 7 (T-76-N R-41-W)
Permit Number—78-SDP-17-96P-LAN

Primary Emergency Equipment

Major Equipment-Bucket loader, Tractor/loader, 2-7 ton manure spreaders, 2-25 Dump trailers for a semi (semi tractors are on site), Tillage equipment along Tractors to operate them.

Fire Hydrant and water source

No Fire Hydrants present, water can be loaded upon a tanker (4500 gal) from a Storage on site and used if needed

Off-Site Equipment

Loader, Bulldozer, 2-14 ton dry Spreaders, Box Scraper, dirt scarper, Dump trucks, (all readily available in less the 1 hour)

Emergency Aid

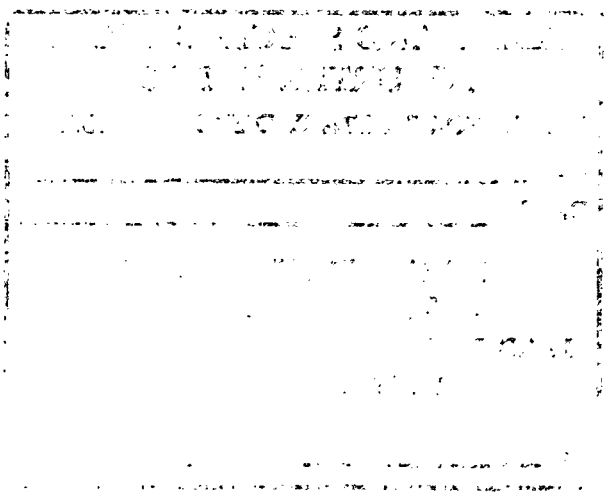
Responder contact-911
Medical Service-911
Contracts and agreements- N/A

ERRAP Training Requirements

No special training is required

PLANS AND SPECIFICATIONS
APPURTENANT TO
PERMIT FOR SANITARY DISPOSAL PROJECT
NO. 78-SDP-17-96P-LAN
DATED 9/13/06

IOWA DEPARTMENT OF
NATURAL RESOURCES
LAND QUALITY & WASTE MANAGEMENT
ASSISTANCE DIVISION
By [signature]



Reference Tables, Figures and Maps

Emergency Contact List

Telephone—Located in house on site, also inside the machine shops walk in door
Fire and Police-911
Medical – 911
Ambulance-911
Hospital-911
Estimated time to hospital –25 minutes (18 miles)
Directions to medical service/hospital- 1 miles south to G-30, 4 miles west to I-80, 10 mile south to highway 6, 3 mile west to 2 hospitals (Council Bluffs Iowa)

Landfill Management Notification List

Site Manager-Fred Roane-712-485-2435
Public Relations- Jack Roane-712-485-2010
Application Manager-Frank Roane-712-485-2010
County Emergency Manager-Pottawattamie County-712-328-5792
Local Media-N/A

State Of Iowa

Water Quality Bureau-515-281-7025
Environmental Protection Division- (region 4 Atlantic IA, 712-243-1934
IDNR spill Response-1-515-281-8694

US EPA Region 7

Epa office, Kansas City, Mo 913-281-0991

Utilities

Telephone-N/A
Water-N/A
Natural Gas-N/A
Electricity - MidAmerican Energy 1800-329-6261

Engineer of Record-N/A

Section K, Method of waste treatment prior to disposal.

The paunch Manure coming from Greater Omaha Processing has no treatment applied to the product before it is land applied. The product is the remains of feed material undigested in the cattle's stomach. There is no treatment needed to preserve or safen the all-natural product.

Section L Waste Analytical Results

Samples 1 and 2 are samples of the paunch manure as is it applied to the soil, application amounts are between 2 and 4.5 tons per acre. The third sample is a municipal package showing all the detectable metals and their amounts, as you see all the heavy metals are below the allowable limits

Report Number: 04-111-5136

Reported to: TURNERS AG CONSULTING CO
PO BOX 301
NEOLA
IA, 51559-

Sample ID: 1

MIDWEST Interactive Database for Midwest Water Environmental & Soil Testing

Date Reported: Apr 20, 2004

Date Received: Apr 16, 2004

PAUNCH

Lab Number: 9063780

Bio-Solids Analysis Report

			Est. First Year
	Analysis	Nutrients	Availability
Parameters	as Received	lbs/ton	lbs/ton
Ammonium Nitrogen (N)	<0.0 %	0.0	0
Organic Nitrogen (N)	0.36 %	7.2	3
Total Nitrogen (N)	0.36 %	7.2	3
Phosphorus (P_2O_5)	0.13 %	2.7	2
Potassium (K_2O)	0.09 %	1.8	2
Sulfur (S)	0.03 %	0.6	0
Calcium (Ca)	0.17 %	3.3	2
Magnesium (Mg)	0.03 %	0.6	0
Sodium (Na)	0.19 %	3.7	3
Copper (Cu)	3 ppm	0.01	0.00
Iron (Fe)	190 ppm	0.38	0.27
Manganese (Mn)	14 ppm	0.03	0.02
Zinc (Zn)	33 ppm	0.07	0.05
Moisture	76.5 %		
Total Solids	23.5 %	470.0	
Total Salts		9.4	
pH	9.4		
Nitrate(NO3)	.01 %		

n.d. Non Detect

First year availability of nitrogen is calculated based on pre-plant application with incorporation. Nitrogen available from previous year's application not considered.
Total manure salts should not exceed 500 lbs/acre. Less than 500 lbs/acre if annual rainfall is less than 25 inches and/or the soil CEC is less than 12 meq/100g. Salt contributions from commercial fertilizer applications must also be considered.
Soil test yearly to monitor phosphorus levels, organic matter, pH, and micronutrients. Spring soil

test for residual nitrate - make accurate sidedress recommendations!
Nitrogen availabilty will vary with methods of application and field conditions. The nitrogen availability values used on a manure management plan must comply with state regulations. These regulations vary from state to state.

Report Number: 04-111-5137

Reported to: TURNERS AG CONSULTING CO
PO BOX 301
NEOLA
IA, 51559-

Sample ID: 2

MIDWEST Water Soil Testing Environmental & Interactive Database for Midwest

Date Reported: Apr 20, 2006

Date Received: Apr 16, 2006

PAUNCH

Lab Number: 9063781

Bio-Solids Analysis Report

			Est. First Year
	Analysis	Nutrients	Availability
Parameters	as Received	lbs/ton	lbs/ton
Ammonium Nitrogen (N)	<0.0 %	0.0	0
Organic Nitrogen (N)	0.26 %	5.2	2
Total Nitrogen (N)	0.26 %	5.2	2
Phosphorus (P_2O_5)	0.13 %	2.7	2
Potassium (K_2O)	0.09 %	1.9	2
Sulfur (S)	0.02 %	0.4	0
Calcium (Ca)	0.14 %	2.9	2
Magnesium (Mg)	0.02 %	0.4	0
Sodium (Na)	0.20 %	4.0	3
Copper (Cu)	2 ppm	0.00	0.00
Iron (Fe)	53 ppm	0.11	0.07
Manganese (Mn)	6 ppm	0.01	0.01
Zinc (Zn)	12 ppm	0.02	0.02
Moisture	85.0 %		
Total Solids	15.0 %	300.0	
Total Salts		9.2	
pH	9.6		
Nitrate(NO3)	.01 %		

n.d. Non Detect

First year availability of nitrogen is calculated based on pre-plant application with incorporation. Nitrogen available from previous year's application not considered.
Total manure salts should not exceed 500 lbs/acre. Less than 500 lbs/acre if annual rainfall is less than 25 inches and/or the soil CEC is less than 12 meq/100g. Salt contributions from commercial fertilizer applications must also be considered.
Soil test yearly to monitor phosphorus levels, organic matter, pH, and micronutrients. Spring soil

test for residual nitrate - make accurate sidedress recommendations!
Nitrogen availabilty will vary with methods of application and field conditions. The nitrogen availability values used on a manure management plan must comply with state regulations. These regulations vary from state to

		Ammoniacal nitrogen	641	mg/kg	2	EPA 350.2	jad
		Nitrate/Nitrite Nitrogen	0.8	mg/kg	0.2	EPA 353.2	rmm8
		Arsenic (total)	n.d.	mg/kg	0.50	EPA 6020	kkh
		Barium (total)	34.3	mg/kg	0.50	EPA 6010	tsw
		Cadmium (total)	n.d.	mg/kg	0.50	EPA 6010	tsw
		Chromium (total)	6.3	mg/kg	1.0	EPA 6010	tsw
		Lead (total)	n.d.	mg/kg	5.0	EPA 6010	tsw
		Mercury (total)	n.d.	mg/kg	0.05	EPA 7471	jsk
		Molybdenum (total)	n.d.	mg/kg	1.00	EPA 6010	tsw
		Nickel (total)	3.1	mg/kg	1.0	EPA 6010	tsw
		Selenium (total)	0.51	mg/kg	0.50	EPA 6020	kkh
		Silver (total)	n.d.	mg/kg	1.0	EPA 6010	tsw
		Percent Solids	56.9	%	0.01	SM 2540G	tsw
		pH	5.6	S.U.		EPA 9045	dmg4
		Organic nitrogen	10,046	mg/Kg		CALC	cmw
		Calculated Phosphate P2O5	2,295	mg/Kg		CALC	cmw
		Calculated Potash K2O	217	mg/Kg		CALC	cmw

Notes:

n.d. - Not Detected.

Report Number: 04-156-2263

Date Reported: Jun 04, 2006

Date Received: May 25, 2006

Date Sampled:

Reported to: TURNERS AG CONSULTING CO

JOE TURNER

PO BOX 301

NEOLA IA 51559-

MUNICIPAL PACKAGE

Feedlot service Co

Labnum	Sample ID	Analysis	Level Found	Units	Detection Limit	Method	Analyst
977539	1	Kjeldahl nitrogen	10,687	mg/kg	4	EPA 351.3	hnw
		Phosphorus (total)	1,002	mg/kg	10.0	EPA 6010	tsw
		Potassium (total)	180	mg/kg	10.0	EPA 6010	tsw
		Sulfur (total)	1,005	mg/kg	25.0	EPA 6010	tsw
		Calcium (total)	31,995	mg/kg	1.0	EPA 6010	tsw
		Magnesium (total)	1,028	mg/kg	1.0	EPA 6010	tsw
		Sodium (total)	280	mg/kg	1.0	EPA 6010	tsw
		Iron (total)	1,106	mg/kg	5.00	EPA 6010	tsw
		Manganese (total)	142	mg/kg	1.0	EPA 6010	tsw
		Copper (total)	11.8	mg/kg	1.0	EPA 6010	tsw
		Zinc (total)	97.9	mg/kg	1.0	EPA 6010	tsw

REPORT NUMBER **5-314-0759**

ANALYSIS DATE **NOV 10, 2005**

ACCOUNT NO. **16064**

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE **3/3**

REPORT DATE **JUL 10, 2006**

COPY TO

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

GROWER

FRANK ROANE

HM Sec 8 Tank Twp

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER (WALKLEY BLACK) PERCENT	RATE	PHOSPHORUS P_1 (WEAK BRAY 1:7) ppm	RATE	PHOSPHORUS P_2 (STRONG BRAY 1:7) ppm	RATE	BICARBONATE P (OLSEN) ppm	RATE	POTASSIUM (NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE)) K ppm	RATE	MAGNESIUM Mg ppm	RATE	CALCIUM Ca ppm	RATE	SODIUM Na ppm	RATE	pH SOIL pH 1:1	BUFFER INDEX	CATION EXCHANGE CAPACITY C.E.C. meq/100g	PERCENT BASE SATURATION (COMPUTED) % K	% Mg	% Ca	% H	% Na
6747954	21	2.4	L	51	VH	130	VH	31	VH	318	VH	530	VH	2223	H			7.1		16.3	5.0	27.1	67.9	0.0	
6747955	22	2.3	L	43	VH	122	VH			239	VH	530	VH	2267	M			6.6	6.9	17.4	3.5	25.4	65.1	6.0	
6747956	23	3.0	M	50	VH	97	VH			242	H	711	VH	2986	M			6.4	6.7	23.6	2.6	25.1	63.3	9.0	
6747957	24	2.2	L	30	H	102	VH			141	M	505	VH	2180	M			6.6	6.9	16.5	2.2	25.5	66.1	6.2	
6747958	25	2.2	L	36	VH	117	VH	18	H	209	VH	509	VH	2261	H			7.3		16.1	3.3	26.3	70.4	0.0	
6747959	26	2.8	M	43	VH	110	VH			294	VH	619	VH	2617	M			6.4	6.7	20.9	3.6	24.7	62.6	9.1	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S ICAP ppm	RATE	ZINC Zn (DTPA Extraction) ppm	RATE	MANGANESE Mn ppm	RATE	IRON Fe ppm	RATE	COPPER Cu ppm	RATE	BORON B ppm	RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	RATE
21											6	VL													
22											7	L													
23											9	L													
24											8	L													
25											8	L													
26											6	VL													

REPORT NUMBER 5-314-0759

ANALYSIS DATE NOV 10, 2005

ACCOUNT NO. 16064

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE 2/3

REPORT DATE JUL 10, 2006

COPY TO

GROWER

FRANK ROANE

HM Sec 8 Yink Twp

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER WALKLEY BLACK PERCENT	RATE	PHOSPHORUS P_1 WEAK BRAY 1:7 ppm	RATE	P_2 STRONG BRAY 1:7 ppm	RATE	BICARBONATE P OLSEN ppm	RATE	POTASSIUM (NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE)) K ppm	RATE	MAGNESIUM Mg ppm	RATE	CALCIUM Ca ppm	RATE	SODIUM Na ppm	RATE	pH SOIL pH 1:1	BUFFER INDEX	CATION EXCHANGE CAPACITY C.E.C. meq/100g	PERCENT BASE SATURATION (COMPUTED) % K	% Mg	% Ca	% H	% Na
6747944	11	3.4	M	49	VH	87	VH			506	VH	591	VH	2492	M			6.1	6.6	21.7	6.0	22.7	57.4	13.9	
6747945	12	2.4	L	17	M	44	H			158	H	383	VH	1951	M			5.9	6.7	16.1	2.5	19.8	60.6	17.1	
6747946	13	2.5	L	34	VH	102	VH			170	H	478	VH	2104	H			6.7		14.9	2.9	26.7	70.4	0.0	
6747947	14	3.3	M	71	VH	115	VH			344	VH	351	VH	1971	M			5.4	6.5	19.1	4.6	15.3	51.6	28.5	
6747948	15	2.6	M	33	VH	108	VH			241	VH	441	VH	1916	H			6.9		13.9	4.4	26.4	69.2	0.0	
6747949	16	2.3	L	48	VH	150	VH			203	VH	374	VH	1908	M			5.8	6.6	16.3	3.2	19.1	58.5	19.2	
6747950	17	2.5	L	85	VH	143	VH			180	H	269	VH	1619	L			5.0	6.3	18.3	2.5	12.2	44.2	41.1	
6747951	18	2.2	L	25	H	96	VH			122	M	454	VH	2124	M			5.9	6.6	17.7	1.8	21.4	60.0	16.8	
6747952	19	2.1	L	26	H	91	VH	12	M	209	VH	474	VH	2144	H			7.0		15.2	3.5	26.0	70.5	0.0	
6747953	20	2.2	L	34	VH	101	VH	20	H	281	VH	538	VH	2401	H			7.0		17.2	4.2	26.1	69.7	0.0	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S ICAP ppm	RATE	ZINC Zn (DTPA Extraction) ppm	RATE	MANGANESE Mn ppm	RATE	IRON Fe ppm	RATE	COPPER Cu ppm	RATE	BORON B ppm	RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	RATE
11											11	L													
12											12	L													
13											8	L													
14											9	L													
15											6	VL													
16											8	L													
17											14	M													
18											7	L													
19											8	L													
20											12	L													

REPORT NUMBER **5-314-0759**

ANALYSIS DATE **NOV 10, 2005**

ACCOUNT NO. **16064**

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE **1/3**

REPORT DATE **JUL 10, 2006**

COPY TO

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

GROWER

FRANK ROANE

HM

Sec 8 York Twp

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER		PHOSPHORUS						POTASSIUM (NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE))		MAGNESIUM		CALCIUM		SODIUM		pH		CATION EXCHANGE CAPACITY	PERCENT BASE SATURATION (COMPUTED)				
		WALKLEY BLACK		P_1 WEAK BRAY 1:7		P_2 STRONG BRAY 1:7		BICARBONATE P OLSEN		K		Mg		Ca		Na		SOIL pH 1:1	BUFFER INDEX	C.E.C.	% K	% Mg	% Ca	% H	% Na
		PERCENT	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE			meq/100g					
6747934	1	2.6	M	58	VH	100	VH	33	VH	221	VH	573	VH	2372	H			7.3		17.2	3.3	27.8	68.9	0.0	
6747935	2	2.3	L	16	M	35	M			155	H	373	VH	1825	M			6.1	6.7	14.7	2.7	21.1	62.1	14.1	
6747936	3	3.7	H	174	VH	175	VH	97	VH	473	VH	533	VH	2525	H			7.0		18.3	6.6	24.3	69.1	0.0	
6747937	4	2.9	M	106	VH	152	VH	59	VH	245	VH	497	VH	2635	H			7.2		17.9	3.5	23.1	73.4	0.0	
6747938	5	3.0	M	127	VH	146	VH	93	VH	355	VH	473	VH	2374	H			7.2		16.7	5.5	23.6	70.9	0.0	
6747939	6	2.9	M	20	M	52	H	11	M	153	H	386	VH	2239	H			7.0		14.8	2.7	21.7	75.6	0.0	
6747940	7	3.0	M	83	VH	136	VH			283	VH	492	VH	2661	H			6.9		18.1	4.0	22.7	73.3	0.0	
6747941	8	2.4	L	40	VH	69	VH			167	M	538	VH	2126	M			5.7	6.6	19.6	2.2	22.9	54.2	20.7	
6747942	9	2.6	M	73	VH	111	VH			419	VH	350	VH	1690	M			5.6	6.6	16.2	6.6	18.0	52.2	23.2	
6747943	10	2.9	M	47	VH	104	VH			333	VH	612	VH	2452	M			6.4	6.7	20.0	4.3	25.5	61.3	8.9	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S ICAP ppm	SULFUR RATE	ZINC Zn (DTPA Extraction) ppm	ZINC RATE	MANGANESE Mn ppm	MANGANESE RATE	IRON Fe ppm	IRON RATE	COPPER Cu ppm	COPPER RATE	BORON B ppm	BORON RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	SOLUBLE SALTS RATE
1											14	M													
2											8	L													
3											15	M													
4											12	L													
5											13	M													
6											12	L													
7											13	M													
8											12	L													
9											11	L													
10											10	L													

REPORT NUMBER 5-314-0762

ANALYSIS DATE NOV 10, 2005

ACCOUNT NO. 16064

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE 3/3

REPORT DATE JUL 10, 2006

COPY TO

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

GROWER

FRED ROANE

MAXES

DIDNT RCV 7

Sec 30 Neola Twp

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER		PHOSPHORUS						POTASSIUM (NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE))		MAGNESIUM		CALCIUM		SODIUM		pH		CATION EXCHANGE CAPACITY	PERCENT BASE SATURATION (COMPUTED)				
		WALKLEY BLACK		P_1 WEAK BRAY 1:7		P_2 STRONG BRAY 1:7		BICARBONATE P OLSEN		K		Mg		Ca		Na		SOIL pH 1:1	BUFFER INDEX	C.E.C.	% K	% Mg	% Ca	% H	% Na
		PERCENT	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE			meq/100g					
6748014	22	3.0	M	10	L	48	H			140	M	526	VH	2505	M			6.5	6.8	18.7	1.9	23.4	67.0	7.7	
6748015	23	2.4	L	6	VL	66	VH	3	VL	141	M	529	VH	2518	H			7.4		17.4	2.1	25.3	72.6	0.0	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S ICAP ppm	SULFUR RATE	ZINC Zn (DTPA Extraction) ppm	ZINC RATE	MANGANESE Mn ppm	MANGANESE RATE	IRON Fe ppm	IRON RATE	COPPER Cu ppm	COPPER RATE	BORON B ppm	BORON RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	SOLUBLE SALTS RATE
22											19	H													
23											11	L													

REPORT NUMBER 5-314-0762
ANALYSIS DATE NOV 10, 2005
ACCOUNT NO. 16064

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE 2/3
REPORT DATE JUL 10, 2006
COPY TO

GROWER
FRED ROANE
MAXES
DIDNT RCV 7

See 30, Neola Twp

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER		PHOSPHORUS						POTASSIUM (NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE))		MAGNESIUM		CALCIUM		SODIUM		pH		CATION EXCHANGE CAPACITY	PERCENT BASE SATURATION (COMPUTED)				
		WALKLEY BLACK		P_1 WEAK BRAY 1:7		P_2 STRONG BRAY 1:7		BICARBONATE P OLSEN		K		Mg		Ca		Na		SOIL pH 1:1	BUFFER INDEX	C.E.C.	% K	% Mg	% Ca	% H	% Na
		PERCENT	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE			meq/100g					
6748003	12	2.8	M	18	M	85	VH			155	M	570	VH	2366	H			6.9		17.0	2.3	27.9	69.8	0.0	
6748004	13	3.0	M	23	H	77	VH			151	M	381	VH	1776	L			5.1	6.3	20.0	1.9	15.9	44.4	37.8	
6748005	14	2.1	L	14	L	65	VH			146	M	534	VH	2073	M			6.4	6.8	16.7	2.2	26.6	62.1	9.1	
6748006	15	2.6	M	18	M	73	VH			192	VH	450	VH	2085	M			6.5	6.8	15.9	3.1	23.6	65.6	7.7	
6748007	16	2.6	M	7	VL	67	VH	2	VL	151	H	423	VH	2357	H			7.3		15.7	2.5	22.5	75.0	0.0	
6748008	17	2.6	M	33	VH	60	VH			163	M	388	VH	1739	M			5.4	6.5	17.2	2.4	18.8	50.6	28.2	
6748009	18	2.2	L	33	VH	92	VH			174	M	526	VH	1982	M			5.5	6.5	19.9	2.2	22.0	49.8	26.0	
6748010	19	2.6	M	7	VL	51	H			134	M	538	VH	2027	M			5.8	6.6	18.5	1.9	24.2	54.8	19.1	
6748012	20	2.5	L	18	M	45	H			139	M	420	VH	1974	M			5.9	6.6	16.5	2.2	21.2	59.8	16.8	
6748013	21	1.5	VL	6	VL	49	H	5	VL	134	M	391	VH	2914	H			7.9		18.2	1.9	17.9	80.2	0.0	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S ICAP ppm	SULFUR RATE	ZINC Zn (DTPA Extraction) ppm	ZINC RATE	MANGANESE Mn ppm	MANGANESE RATE	IRON Fe ppm	IRON RATE	COPPER Cu ppm	COPPER RATE	BORON B ppm	BORON RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	SOLUBLE SALTS RATE
12											13	M													
13											17	M													
14											10	L													
15											8	L													
16											7	L													
17											13	M													
18											11	L													
19											8	L													
20											15	M													
21											55	VH													

REPORT NUMBER 5-314-0762

ANALYSIS DATE NOV 10, 2005

ACCOUNT NO. 16064

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE 1/3

REPORT DATE JUL 10, 2006

COPY TO

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

GROWER

FRED ROANE

MAXES
DIDNT RCV 7

Sec 30, Neola Twp

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER WALKLEY BLACK PERCENT	RATE	PHOSPHORUS P_1 WEAK BRAY 1:7 ppm	RATE	PHOSPHORUS P_2 STRONG BRAY 1:7 ppm	RATE	BICARBONATE P OLSEN ppm	RATE	NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE) POTASSIUM K ppm	RATE	MAGNESIUM Mg ppm	RATE	CALCIUM Ca ppm	RATE	SODIUM Na ppm	RATE	pH SOIL pH 1:1	BUFFER INDEX	CATION EXCHANGE CAPACITY C.E.C. meq/100g	PERCENT BASE SATURATION (COMPUTED) % K	% Mg	% Ca	% H	% Na
6747993	1	2.4	L	13	L	88	VH			173	H	508	VH	2132	H			6.9		15.3	2.9	27.7	69.4	0.0	
6747994	2	1.6	L	11	L	153	VH	3	VL	161	H	403	VH	2355	H			8.1		15.5	2.7	21.7	75.6	0.0	
6747995	3	2.2	L	11	L	112	VH	5	VL	154	M	539	VH	2690	H			7.8		18.3	2.2	24.5	73.3	0.0	
6747996	4	1.9	L	6	VL	72	VH	7	L	156	M	328	VH	3129	VH			8.1		18.8	2.1	14.5	83.4	0.0	
6747997	5	2.2	L	9	L	70	VH	3	VL	195	H	355	VH	3179	H			8.1		19.4	2.6	15.2	82.2	0.0	
6747998	6	2.8	M	16	M	39	M			136	M	354	VH	1766	M			5.6	6.6	15.8	2.2	18.7	55.9	23.2	
6747999	8	2.6	M	19	M	70	VH			199	H	542	VH	2163	M			6.2	6.7	18.0	2.8	25.1	60.1	12.0	
6748000	9	2.4	L	12	L	79	VH			167	M	578	VH	1900	M			5.8	6.6	18.2	2.4	26.5	52.2	18.9	
6748001	10	1.9	L	4	VL	62	VH	4	VL	149	M	514	VH	2337	H			7.0		16.4	2.3	26.1	71.6	0.0	
6748002	11	2.1	L	19	M	51	H			163	M	467	VH	1880	L			5.2	6.3	20.9	2.0	18.6	45.0	34.4	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S ICAP ppm	RATE	DTPA Extraction ZINC Zn ppm	RATE	MANGANESE Mn ppm	RATE	IRON Fe ppm	RATE	COPPER Cu ppm	RATE	BORON B ppm	RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	RATE
1											8	L													
2											5	VL													
3											11	L													
4											11	L													
5											12	L													
6											10	L													
8											13	M													
9											11	L													
10											7	L													
11											16	M													

REPORT NUMBER **5-311-0580**

ANALYSIS DATE **NOV 7, 2005**

ACCOUNT NO. **16064**

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE **2/2**

REPORT DATE **JUL 10, 2006**

COPY TO

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

GROWER

FEEDLOT SERVICE CO

N OF SHOP

Sec 8 York Twp

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER (WALKLEY BLACK) PERCENT	RATE	PHOSPHORUS P_1 (WEAK BRAY 1:7) ppm	RATE	PHOSPHORUS P_2 (STRONG BRAY 1:7) ppm	RATE	BICARBONATE P (OLSEN) ppm	RATE	POTASSIUM (NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE)) K ppm	RATE	MAGNESIUM Mg ppm	RATE	CALCIUM Ca ppm	RATE	SODIUM Na ppm	RATE	pH SOIL pH 1:1	BUFFER INDEX	CATION EXCHANGE CAPACITY C.E.C. meq/100g	PERCENT BASE SATURATION (COMPUTED) % K	% Mg	% Ca	% H	% Na
6723879	14	2.6	M	28	H	46	H			246	VH	388	VH	1973	H			6.7		13.7	4.6	23.6	71.8	0.0	
6723880	15	2.2	L	14	L	81	VH	7	L	135	M	373	VH	2444	H			7.6		15.7	2.2	19.8	78.0	0.0	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S (ICAP) ppm	RATE	ZINC Zn (DTPA Extraction) ppm	RATE	MANGANESE Mn ppm	RATE	IRON Fe ppm	RATE	COPPER Cu ppm	RATE	BORON B ppm	RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	RATE
14											5	VL													
15											5	VL													

REPORT NUMBER 5-311-0580

ANALYSIS DATE NOV 7, 2005

ACCOUNT NO. 16064

Midwest Laboratories

13611 "B" Street • Omaha, Nebraska 68144-3693
(402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

PAGE 1/2

REPORT DATE JUL 10, 2006

COPY TO

TURNERS AG CONSULTING CO
JOE TURNER
PO BOX 301
NEOLA IA
51559-

GROWER

FEEDLOT SERVICE CO

N OF SHOP Sec 17, York Twp

SOIL ANALYSIS REPORT

LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER		PHOSPHORUS						POTASSIUM		MAGNESIUM		CALCIUM		SODIUM		pH		CATION EXCHANGE CAPACITY	PERCENT BASE SATURATION (COMPUTED)				
				P_1		P_2		BICARBONATE P		K		Mg		Ca		Na		SOIL	BUFFER		% K	% Mg	% Ca	% H	% Na
		WALKLEY BLACK		WEAK BRAY 1:7		STRONG BRAY 1:7		OLSEN										pH	INDEX	C.E.C.					
		PERCENT	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	ppm	RATE	1:1		meq/100g					
6723869	28	3.5	M	113	VH	171	VH			321	VH	477	VH	2070	H			6.8		15.1	5.5	26.3	68.2	0.0	
6723870	29	2.5	L	66	VH	254	VH			189	H	495	VH	1823	M			5.8	6.6	16.9	2.9	24.4	53.9	18.8	
6723871	30	4.0	H	126	VH	169	VH			345	VH	321	VH	1491	L			5.2	6.4	16.8	5.3	15.9	44.4	34.4	
6723872	31	2.7	M	101	VH	170	VH			231	VH	512	VH	1992	M			6.8		14.8	4.0	28.8	67.2	0.0	
6723873	32	3.1	M	100	VH	158	VH			227	VH	420	VH	1763	M			6.1	6.7	15.0	3.9	23.3	58.8	14.0	
6723874	33	2.3	L	14	L	53	H	19	H	162	M	334	VH	2836	H			7.9		17.4	2.4	16.0	81.6	0.0	
6723875	10	2.4	L	11	L	32	M			170	H	408	VH	1977	M			6.4	6.8	15.1	2.9	22.5	65.5	9.1	
6723876	11	2.1	L	16	M	62	VH			136	M	479	VH	1768	M			6.0	6.7	15.5	2.2	25.8	57.0	15.0	
6723877	12	2.7	M	11	L	27	M			162	H	415	VH	1840	M			6.1	6.7	15.2	2.7	22.8	60.5	14.0	
6723878	13	1.5	VL	5	VL	80	VH	2	VL	140	M	455	VH	2278	H			7.7		15.5	2.3	24.5	73.2	0.0	

Sample ID	NITRATE-N (FIA) Surface ppm	Surface lbs/A	Surface depth IN	Sub 1 ppm	Sub 1 lbs/A	Sub 1 depth IN	Sub 2 ppm	Sub 2 lbs/A	Sub 2 depth IN	Total lbs/A	SULFUR S ICAP ppm	SULFUR RATE	ZINC Zn ppm	ZINC RATE	MANGANESE Mn ppm	MANGANESE RATE	IRON Fe ppm	IRON RATE	COPPER Cu ppm	COPPER RATE	BORON B ppm	BORON RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm	SOLUBLE SALTS RATE
													DTPA Extraction												
28											11	L													
29											8	L													
30											15	M													
31											10	L													
32											10	L													
33											13	M													
10											8	L													
11											5	VL													
12											7	L													
13											4	VL													

Pottawattimie County
York Twp. Sec. 4, 5, 6, 7, 8, 9, 16, 17, 18

1

N

One in = 0.6 miles
0.0 0.2 0.4 0.6 0.8 1.0

X = Equals Homes within ½ mile

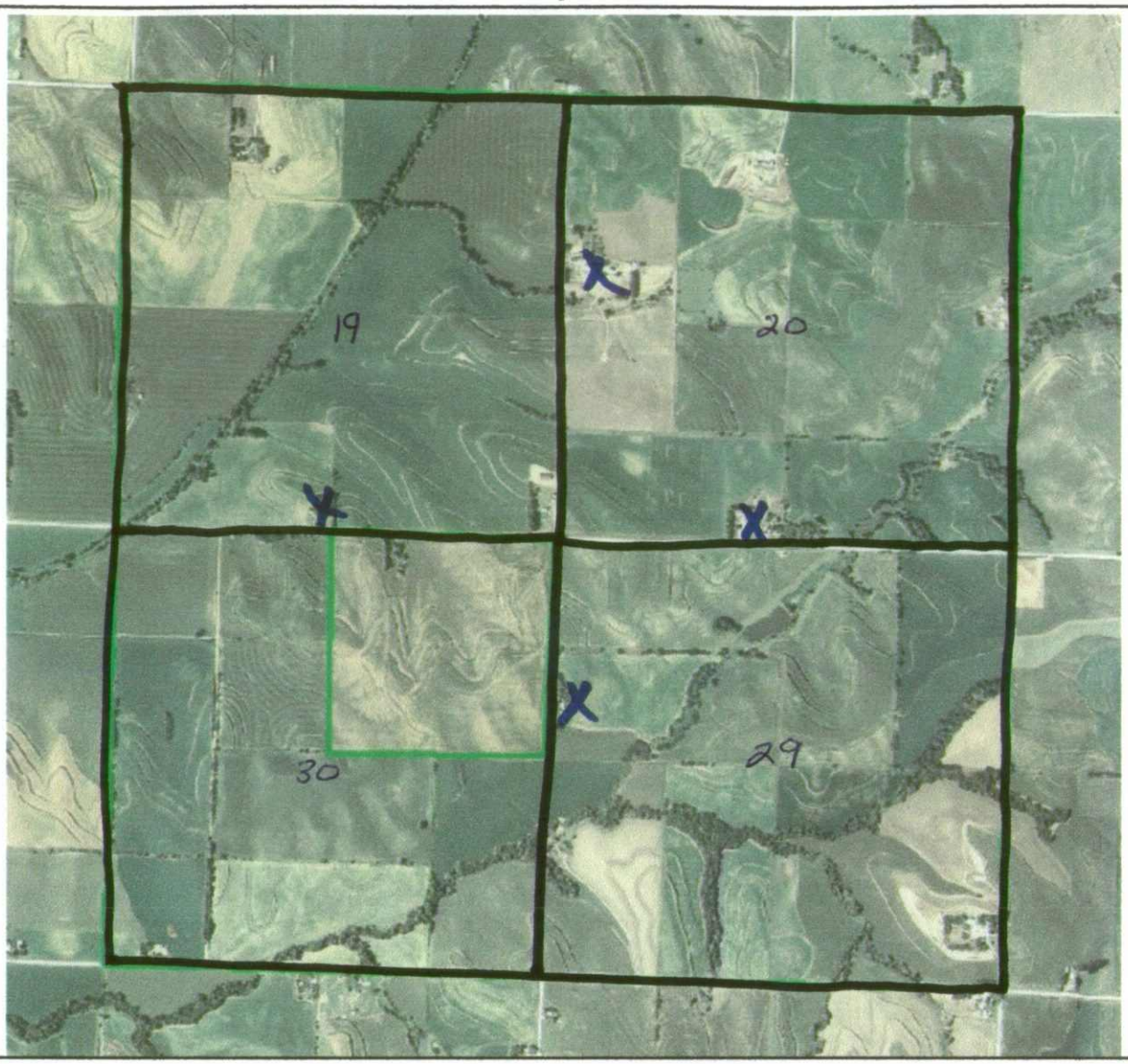
Date: 7/8/2006
Field: 1
Farm: paunch
Client: section
Area: 3,753.00 ac

Boundary	(3,753.00 ac)

SST

Pott. Co.
Nedia Twp. Sec

1



N

One in = 2123 feet
0 729 1458 2187 2916 3645

New Application Site

Date: 7/8/2006
Field: 1
Farm: earls
Client: section
Area: 2,522.10 ac

	Boundary	**(2,522.10 ac)**

SST

X = Home with ½ mile

Sec F Acreage Information

paunch

Date: 7/8/2006
Farm: paunch
Client: fred
Area: 466.28 ac

466.28 ACRES

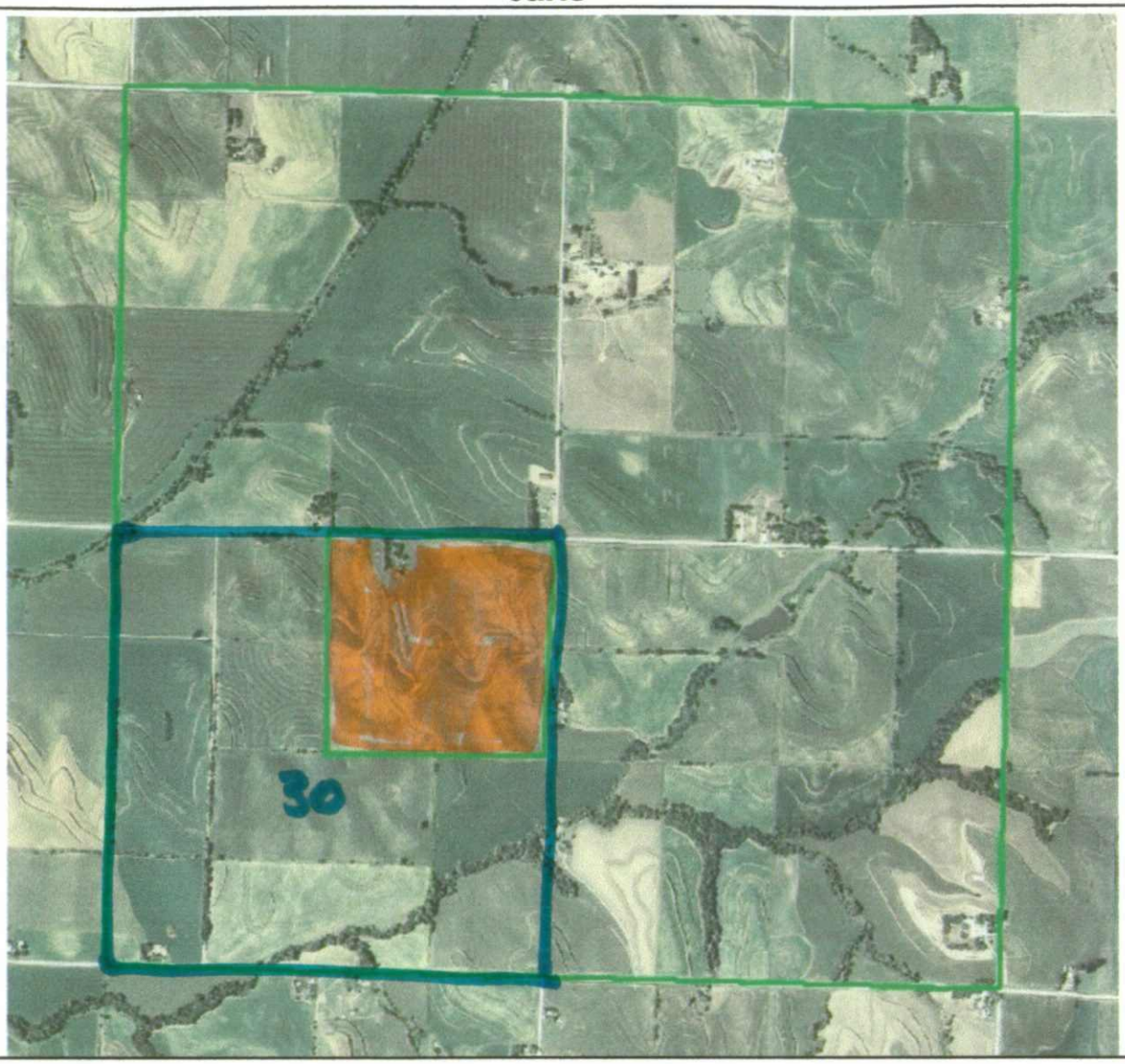
paunch	(466.28 ac)

SST

SEC. F

ACREAGE Information

earls



N

One in = 2123 feet

0 729 1458 2187 2916 3645

139.9 ACRES

Date: 7/8/2006
Farm: earls
Client: section
Area: 2,522.10 ac

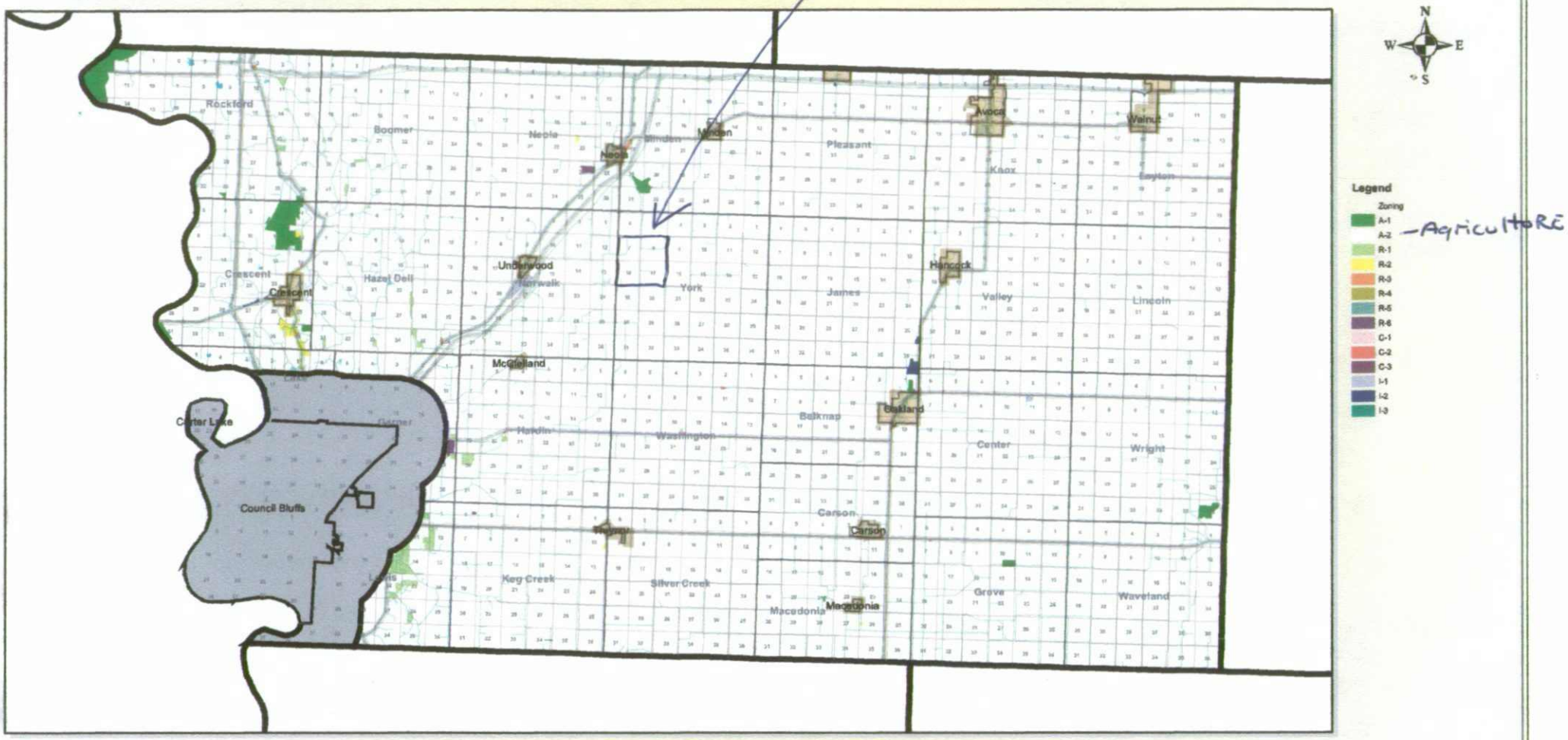
earls	(2,522.10 ac)

SST

Site Zone Agriculture

Illustration 3.11

Pottawattamie County
Existing Zoning



Note:
For details in the 2 mile area surrounding Council Bluffs, refer to 2 mile limit study, City of Council Bluffs, Iowa, Pottawattamie County, Iowa.

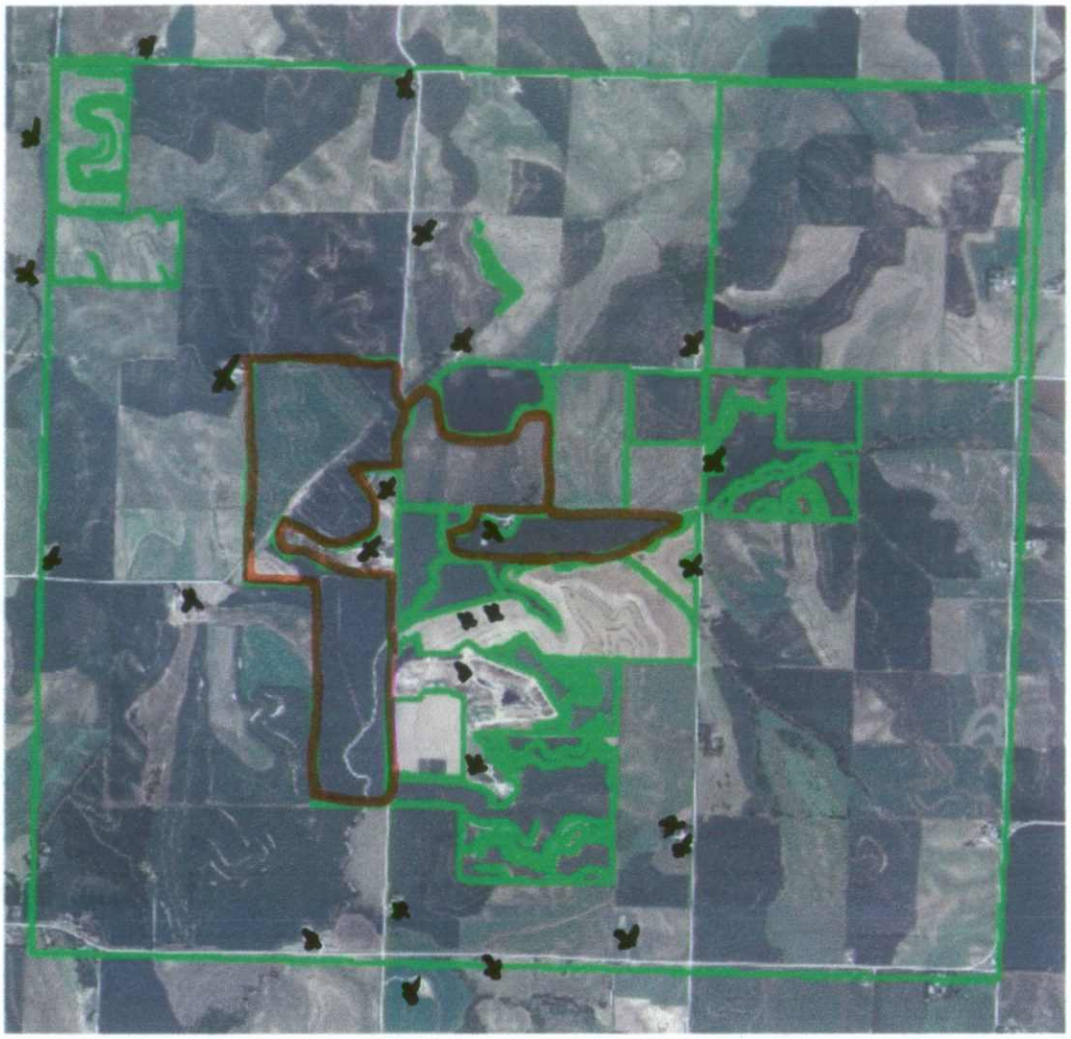
0 3.75 7.5 15 Miles

SCHEMMER

HANNA:KEELAN ASSOCIATES, P.C.
COMMUNITY PLANNING & RESEARCH

Sec. G well Locations

1



N

One in = 0.6 miles

0.0 0.2 0.4 0.7 0.9 1.1

- Application Site

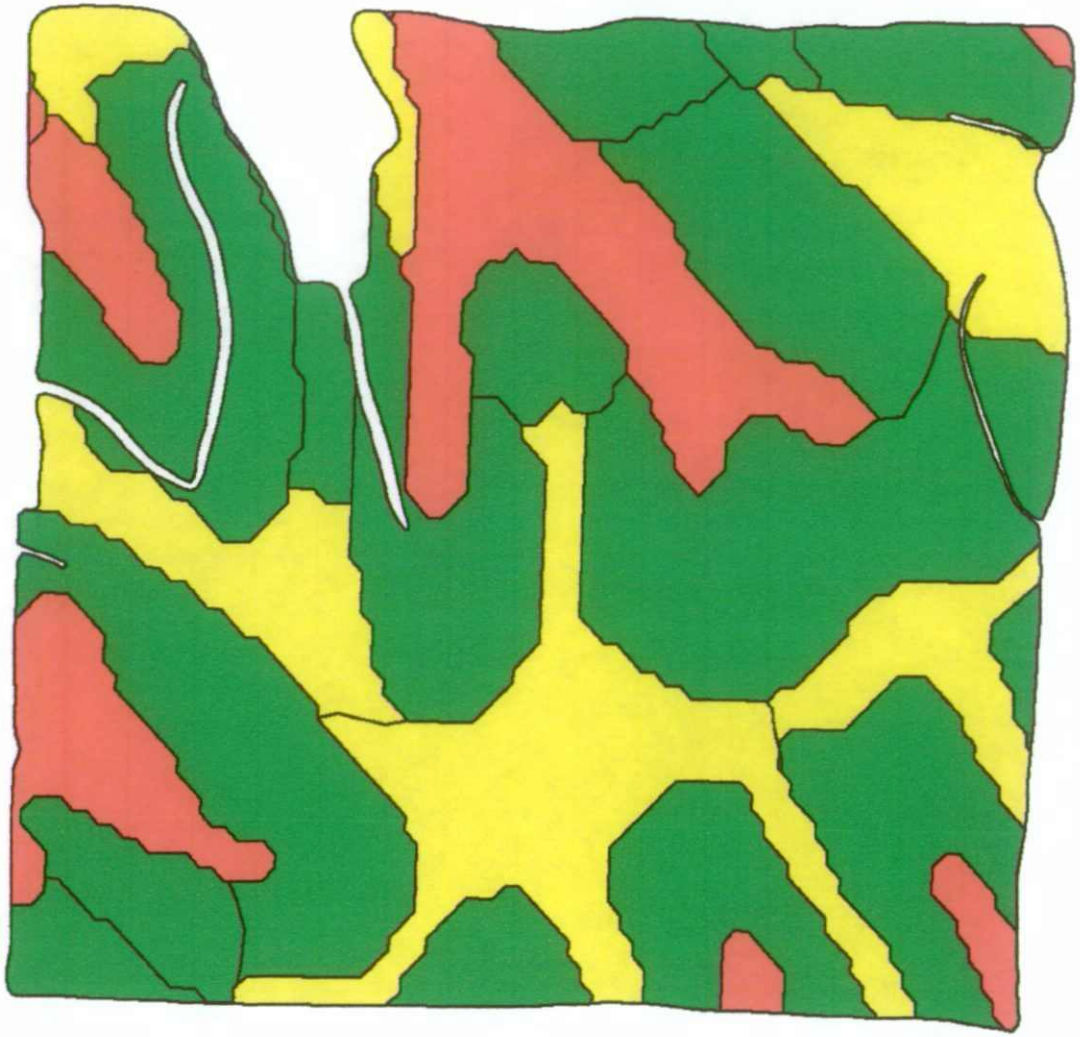
X - Well locations - (wells located with in 1 mile of Application Site - All well are Deep wells And are 150ft to 225ft in Depth

Date: 7/10/2006
Farm: 1
Client: section
Area: 4,266.94 ac

1 (4,266.94 ac)

SST

Management Zones 2005 - Maxes(NO PRODUCT)



0 220ft

N

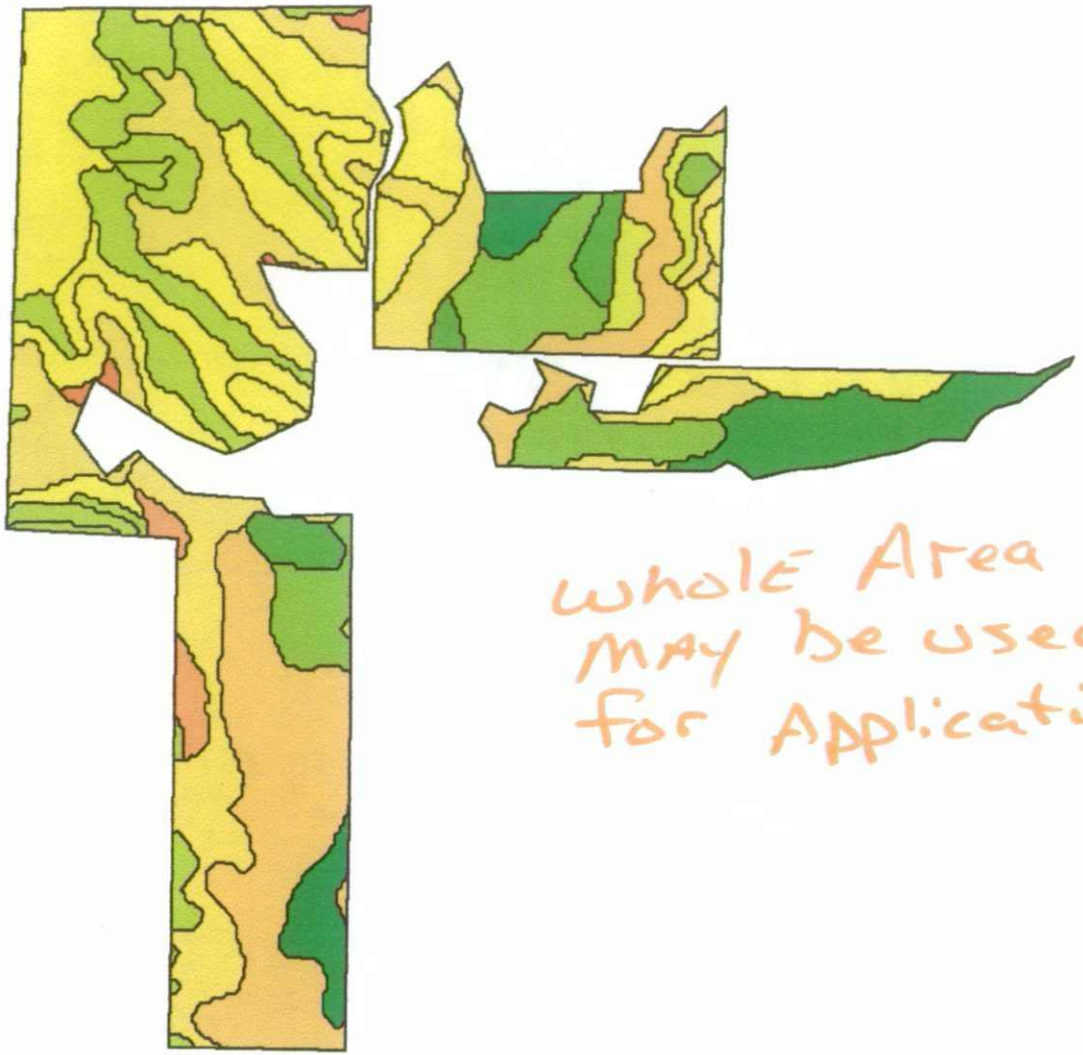
Grower - : Feedlot Service
Farm - : Fred
Field : Maxes
Operation - : Management Zones
Operational Instance - : 1
Product - : NO PRODUCT
Year - : 2005
Area : 139.99 ac
Average CSR : 46.54 (1)

Soil Type

IDA	(84.38 ac)
MONONA	(33.09 ac)
NAPIER	(22.89 ac)

See C.
Soil MAPS

Management Zones 2006 - 1(NO PRODUCT)



whole Area may be used for Application

0 650ft

N

Grower - : Feedlot Service
Farm - : All
Field : 1
Operation - : Management Zones
Operational Instance - : 1
Product - : NO PRODUCT
Year - : 2006
Area : 464.85 ac
Average CSR : 67.31 (1)

Soil Type

ACKMORE	(14.62 ac)
ACKMORE-COLO-JUDSON	(24.91 ac)
COLO	(11.46 ac)
COLO OVERWASH	(42.84 ac)
IDA	(56.55 ac)
KENNEBEC OVERWASH	(8.41 ac)
MONONA	(125.92 ac)
NAPIER	(97.92 ac)
NODAWAY	(75.30 ac)
SHELBY	(5.79 ac)
SHELBY-ADAIR COMPLEX	(2.03 ac)
WATER	(0.33 ac)

SEC. C
Soil MAPS

Section M, Detailed description of the disposal process and equipment to be used.

The paunch manure will be unloaded with semi tractor and end dump trailer on a concrete slab, once unloaded it will loaded up with a front loader onto a 8 ton dry manure spreader and hauled to the application site. Once at the site it will spread at approximately 2-4 tons per acre. After its land applied it will be worked into the ground to prevent offsite movement.

Sec. N Evidence that waste application will not cause adverse effects to land and water

As seen in the samples of paunch manure, it shows that the nutrients are at levels where they will not have a adverse effects on the soil and/or crops. The industrial sample shows that the heavy metals that are present are at levels where they will cause no ill effects upon soil or vegetation.

The site where the applications are being made are not located in a flood plan, or in area subject to flooding. The paunch manure will be worked into the soil to prevent any offsite movement. All applications of paunch manure will be at least 200 foot from any water of the state.

The soils in which the paunch manure is being applied to have excellent ability to fix the nutrients and allow the for crop growth. The CEC of the soils are 16.5 to 23 with pH's of around 6.8 on the average.

IOWA DEPARTMENT OF NATURAL RESOURCES
AMENDMENT 1

Issued By Alex Moon
Alex Moon
Environmental Services Division
For Director of Department of Natural Resources

Date Issued: June 17, 2004

All information submitted for the following amendment and approved by the Department are hereby incorporated as provisions of the permit.

Permit number 78-SDP-17-96P-LAN issued on June 16, 2003 for the Feedlot Service Company is hereby amended by the following:

1. The permit holder is authorized to land apply paunch manure at a rate not to exceed 4.5 dry tons per acre per year. At no time will application of paunch manure occur on approved land unless your management plan shows that the crops being utilized are removing all nutrients as stated in your request for amendment letter.

FARMLAND LEASE

This Farmland Lease (hereinafter "Lease") is entered into this 15 day of March, 2006 by and between the Lessor: Fred & Victoria Roane and the Lessee: Feedlot Service Co.
For the valuable consideration described below, the sufficiency of which is hereby acknowledged, Lessor and Lessee do hereby covenant, contract and agree as follows:

GRANT OF LEASE: Lessor does hereby lease unto Lessee approximately 40 acres of land located in County of Pottawattamie, State of Iowa, describe as follows: section #7 t76 r41 York Twp.
And to be used only as follows: Agricultural Crop Production, all buildings and facilities used for livestock feeding and grain or feed storage.

All buildings and structures on the leased land will be for the exclusive use of the Lessee unless otherwise provided herein. Lessor and his designees reserve the right of ingress and egress across the leased land to obtain access to adjacent land.

TERM AND PAYMENT: This Lease shall commence on March 15,2006 and expire on February 28,2010 For said term, Lessee agrees to pay Lessor total rent of $7200.00 per year.

Rent shall be paid: $1800.00 each fiscal quarter.

CONSEQUENSES OF BREACH: In the event of breach of this Lease by the failure of Lessee to timely pay the rent herein set forth, or by any other violation of the terms hereof, then Lessor may, at his option, terminate this Lease, evict Lessee, and recover the total rental for the entire term of this Lease, in the amount of $7200.00, as Lessor's contractual damages. Lessor shall also be entitled to recover all attorney fees and costs of court from Lessee.

SPECIAL PROVISIONS:
The right to apply paunch manure to crop land. Or remove crop as chopped or baled Livestock feed also the right to store and process paunch manure.

THIS LEASE REPRESENTS THE ENTIRE AGREEMENT BETWEEN THE PARTIES AND MAY NOT BE ALTERED OTHER THAN BY A WRITING SIGNED BY BOTH PARTIES. THIS LEASE IS BINDING ON THE HEIRS, TRANSFEREES AND ASSIGNS OF THE PARTIES, HOWEVER LESSEE MAY NOT TRANSFER, SUB-LET OR ASSIGN HIS/HER LEASE WITHOUT THE WRITTEN CONSENT OF LESSOR. THIS LEASE IS MADE UNDER APPLICABLE LAW AND IS NOT TO BE CONSTRUED AS A LIMITATION ON ANY LEGAL RIGHTS AND REMEDIES AVAILABLE TO THE PARTIES UNDER APPLICABLE LAW.

* * *

WITNESS THE SIGNATURES OF THE PARTIES:

LESSOR: Fred Roane Fred Roane Date: 3/15/06

LESSEE: Feedlot Service Co. Date: 3/15/06
John J Roane - pres.

U.S.D.A. Soil Conservati ervice
Council Bluffs Field Off.

Home

February 17, 1993
sisted By Lois Crawford

CONSERVATION COMPLIANCE PLAN FOR TRACT tT2349
Roane Fred L

CONSERVATION SYSTEM SUMMARY FOR FIELDS 1, 2, 3 & 4

A CROP ROTATION of corn soybeans will be used on these fields.

CONTOUR FARMING will be used for all planting and tillage operations.

TERRACES will be constructed/maintained to reduce sheet and rill erosion.

The following CONSERVATION TILLAGE system will be used:
Soybean stubble is spring tilled leaving at least 20% of the ground covered by residue after planting corn.
Corn stalks are tilled leaving at least 40% of the ground covered by residue after planting soybeans.

FIELD BORDERS are required in locations shown on the conservation plan map.

APPLICATION SCHEDULE

Install Date	Field No.	Practice (SCS practice number)	Amount	Applied Date
Jun 84	3 *	Terrace (600)	6075 Ft.	Jul 84
Jun 84	4 *	Terrace (600)	700 Ft.	Jul 84
6-94	1	"	900	6-94
May 86	1 *	Terrace (600)	11080 Ft.	Aug 86
12-96	1	"	2555	2-97
Jan 90	2 *	Terrace (600)	1391 Ft.	Jan 90
Apr 90	3 *	Terrace (600)	1930 Ft.	Apr 90
May 90	1 *	Crop Rotation (328)	113.5 Ac.	Aug 91
May 90	2 *	Crop Rotation (328)	10.4 Ac.	Aug 91
May 90	3 *	Crop Rotation (328)	46.9 Ac.	Aug 91
May 90	4 *	Crop Rotation (328)	13.1 Ac.	Aug 91
May 92	1 *	Contour Farming (330)	113.5 Ac.	Aug 91
May 92	2 *	Contour Farming (330)	10.4 Ac.	Jan 90

*In order to be considered actively applying your conservation plan, practices need to be installed according to SCS standards and specifications by the planned date AND BE MAINTAINED THEREAFTER. It would be helpful in certifying your active application if you let the SCS office know when practices have been applied.

CONSERVATION COMPLIANCE PLAN FOR TRACT tT2349
Roane Fred L

APPLICATION SCHEDULE

Install Date	Field No.	Practice (SCS practice number)	Amount	Applied Date
May 92	3 *	Contour Farming (330)	24.9 Ac.	Aug 91
May 92	3 *	Contour Farming (330)	46.9 Ac.	Apr 90
May 92	4 *	Contour Farming (330)	13.1 Ac.	Aug 91
May 94	1 *	Conservation Tillage (329)	113.5 Ac.	Aug 91
May 94	1 *	Field Border (386)	1900 Ft.	Aug 91
May 94	2 *	Conservation Tillage (329)	10.4 Ac.	Aug 91
May 94	2 *	Field Border (386)	1050 Ft.	Aug 91
May 94	3 *	Conservation Tillage (329)	46.9 Ac.	Aug 91
May 94	3 *	Field Border (386)	1800 Ft.	Aug 91
May 94	4 *	Conservation Tillage (329)	13.1 Ac.	Aug 91
May 94	4 *	Field Border (386)	1200 Ft.	Aug 91

*In order to be considered actively applying your conservation plan, practices need to be installed according to SCS standards and specifications by the planned date AND BE MAINTAINED THEREAFTER. It would be helpful in certifying your active application if you let the SCS office know when practices have been applied.

For detailed information on crop rotations, conservation tillage, contouring, field borders and terraces see the attached job sheets.

More conserving crops may be used in the crop rotation, refer to the crop rotation job sheet for additional information.

Remarks:

Council Bluffs Field Office

BEFORE AND AFTER SOIL LOSS REPORT

Tract: tT2349 Roane Fred L

				<---- Before ---->						Maximum C*P		<--- After --->		
CTU	SSA	MUSYM	K	L	S	CP	A	T	ACS	T	ACS	CP	A	SYS
1	155	1E3	0.43	120	16	0.360	84	4	16	0.017	0.070	0.109	19	695iA
2	155	10D2	0.32	150	12	0.360	45	5	9	0.040	0.070	0.099	10	695iA
3	155	1E3	0.43	120	16	0.360	84	4	16	0.017	0.070	0.109	19	695iA
4	155	10D2	0.32	150	12	0.360	45	5	9	0.040	0.070	0.099	10	695iA

All mapping units are in soil survey area 155 with an R-factor of 175.

CONSERVATION PLAN MAP

Alvena Roane
YORK 7 & 18
WEST POTTAWATTAMIE SWCD

COUNCIL BLUFFS NRCS
(712) 328-2489
TOM BOTTOMS

Date: 08/11/2004

Legend

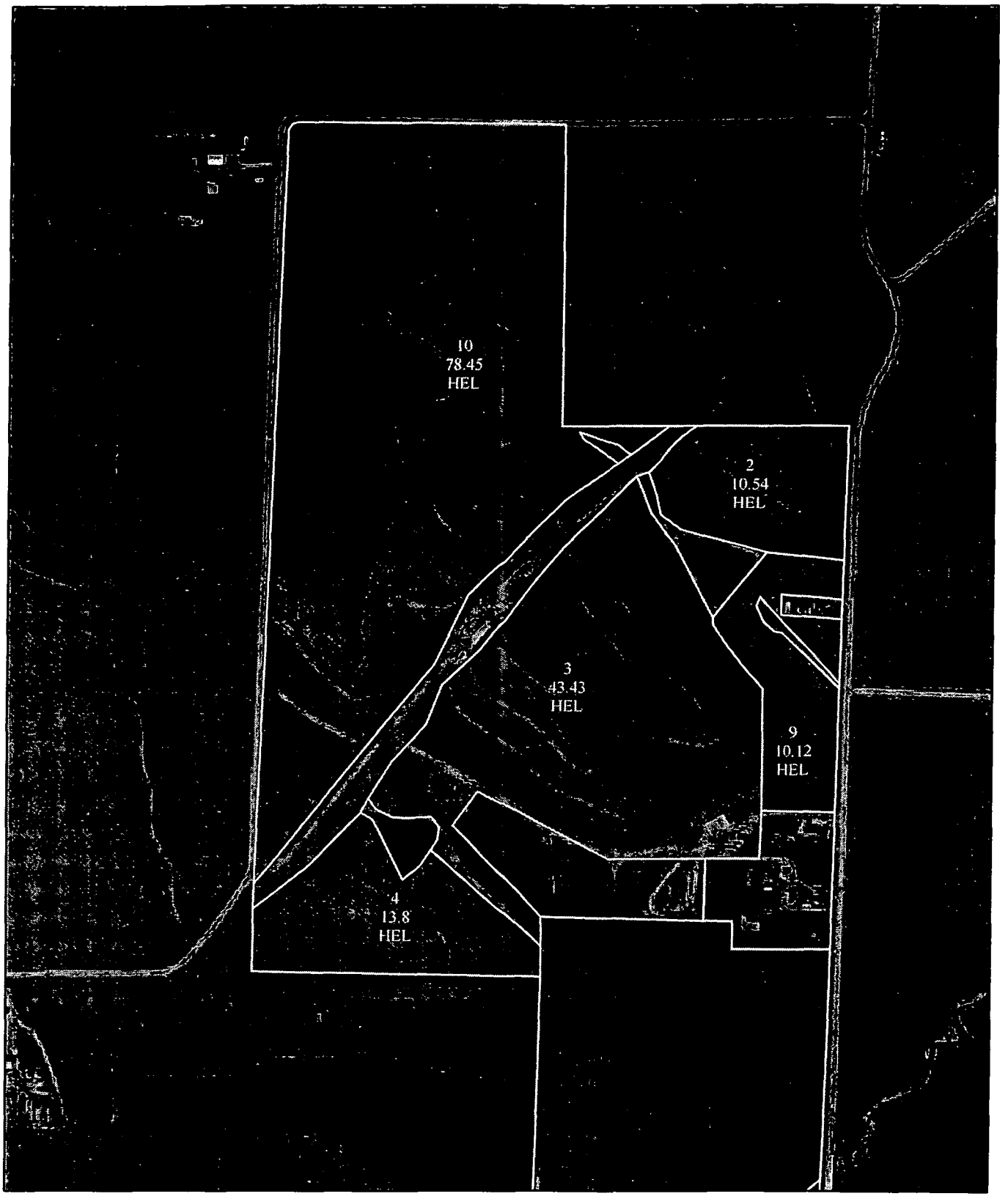
- Planned Land Units
- fieldborder_386
- terrace_600
- Planned Land Units Labels

N

USDA

2000 0 2000 4000 Feet

Farm 3978 Tract 3794



USDA

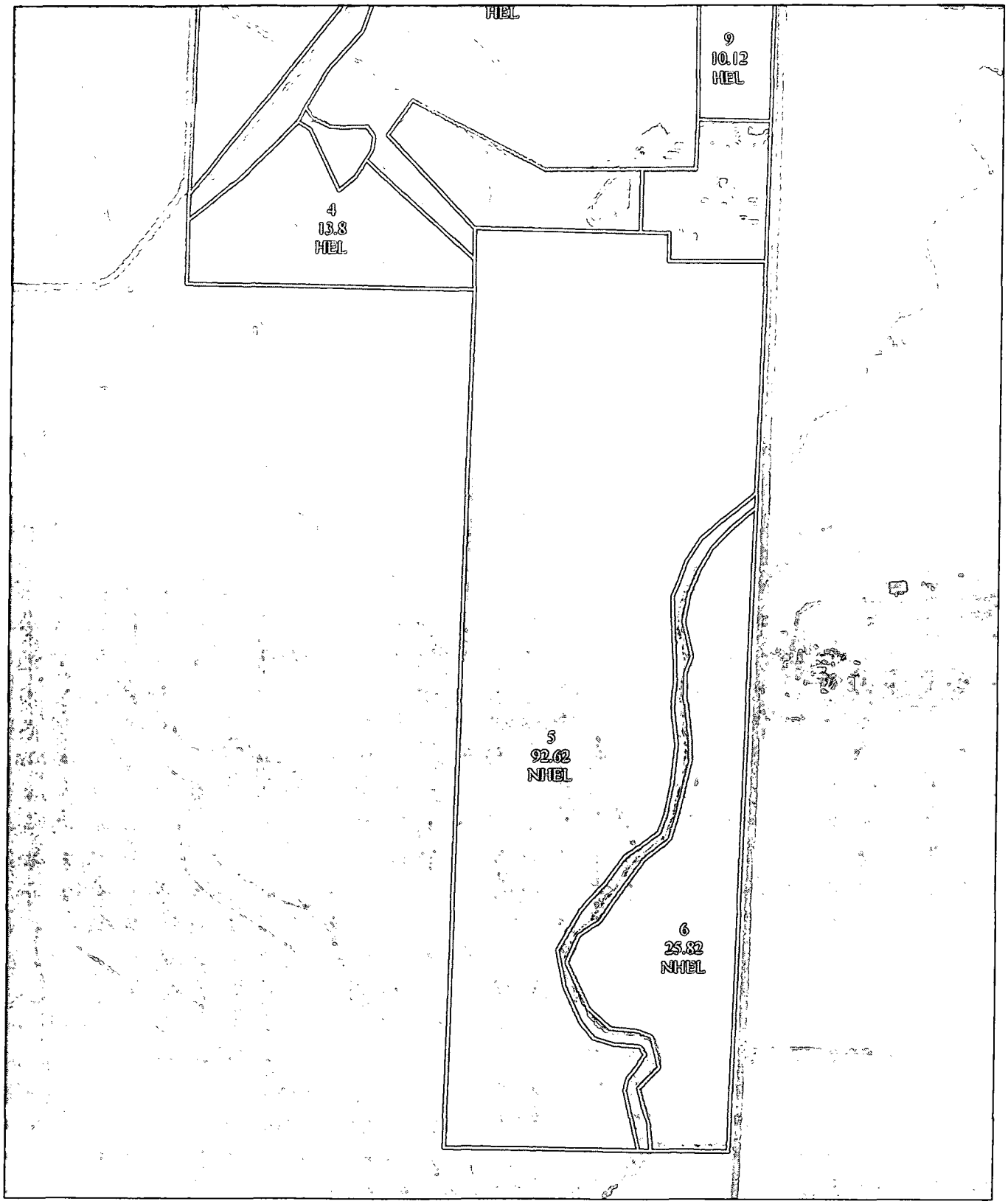
Prepared by West Pottawattamie FSA
Date: Dec 20, 2005

Legend

clu.SDE.clu_a_ia156
fsa_gis_layers.SDE.wet_p_ia156

0 1,500 3,000

Farm 3978 Tract 3794



Prepared by West Pottawattamie FSA
Date: Dec 20, 2005

Legend

clu.SDE.clu_a_ia156

fsa_gis_layers.SDE.wet_p_ia156

0 1,500 3,000

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
ouncil Bluffs Field Office (712)328-2489

Maxines

CONSERVATION PLAN COVER PAGE

Client: Rodenburg, Maxine Rodenburg Maxine
Assisted By: JAG

Tract	ACRES	LAND UNIT NAME	OWNER NAME
tT1069	319.0		
TOTAL	319.0 ACRES		

PLANNING NOTES

06/11/99
The 64 acres in field 2 that is bottomland along Pigeon Creek can be minimum-till.

Complete

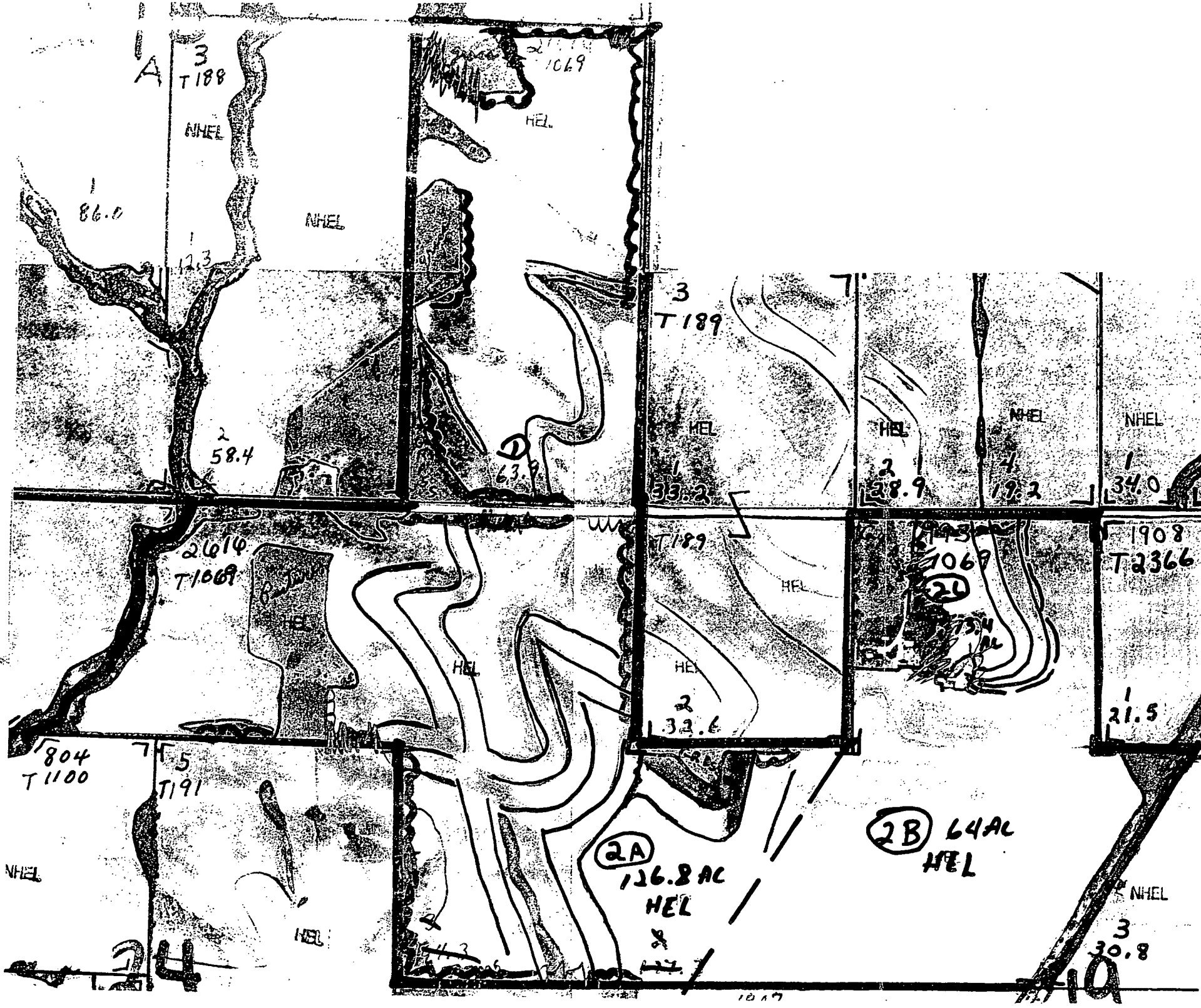
CONSERVATION PLAN

Client: Rodenburg, Maxine Rodenburg Maxine
Assisted By: JAG

LAND UNITS		PLANNED			APPLIED		
TRACT	FIELD	AMOUNT	MONTH	YEAR	AMOUNT	DATE	PLANNED CONSERVATION TREATMENT
							CROP
tT1069	1, 2, 3	275.5Ac					A CROP ROTATION of corn soybeans will be used on these fields. CONTOUR FARMING will be used for all planting and tillage operations. The following CONSERVATION TILLAGE system will be used: Corn is no-tilled into soybean stubble leaving at least 40% of the ground covered by residue after planting. Soybeans are no-tilled into corn stalks leaving at least 60% of the ground covered by residue after planting. FIELD BORDERS are required as shown on the conservation plan map.
tT1069	1 HEL*	63.9ac	05	1990	63.9ac	06/08/1995	CONSERVATION CROP ROTATION
	2 HEL*	107.3ac	05	1990	107.3ac	06/08/1995	
	3	104.3ac	05	1990	104.3ac	06/08/1995	
tT1069	1 HEL*	63.9ac	05	1992	63.9ac	06/08/1995	CONSERVATION TILLAGE
	2 HEL*	107.3ac	05	1992	107.3ac	06/08/1995	
	3	104.3ac	05	1992	104.3ac	06/08/1995	
tT1069	1 HEL*	63.9ac	05	1993	63.9ac	06/08/1995	CONTOUR FARMING
	2 HEL*	107.3ac	05	1993	107.3ac	06/08/1995	
	3	104.3ac	05	1993	104.3ac	06/08/1995	
tT1069	1 HEL*	4300.0ft	04	1994	4300.0ft	06/08/1995	FIELD BORDER
	2 HEL*	1200.0ft	04	1994	1200.0ft	06/08/1995	
	3	3900.0ft	05	1990	3900.0ft	06/08/1995	
tT1069	1 HEL*	7240.0ft	09	1998	7240.0ft	10/01/1998	TERRACE

HEL Fields marked as HEL are highly erodible fields.

HEL* Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985. See the Conservation Plan for details about first time application.


A
3
T188
NHEL
1
86.0
1
12.3
NHEL
2
58.4
1069
HEL
D
63.9
3
T189
HEL
1
33.2
HEL
2
28.9
NHEL
4
19.2
NHEL
1
34.0
2614
T1069
HEL
T189
HEL
HEL
2
32.6
1943
1069
2C
13.4 AC
1908
T2366
1
21.5
804
T1100
5
T191
NHEL
HEL
2A
136.8 AC
HEL
2B
64 AC
HEL
NHEL
3
30.8
24
10

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
Council Bluffs Field Office

04/24/96
(712)328-2489

Maxines

CONSERVATION PLAN

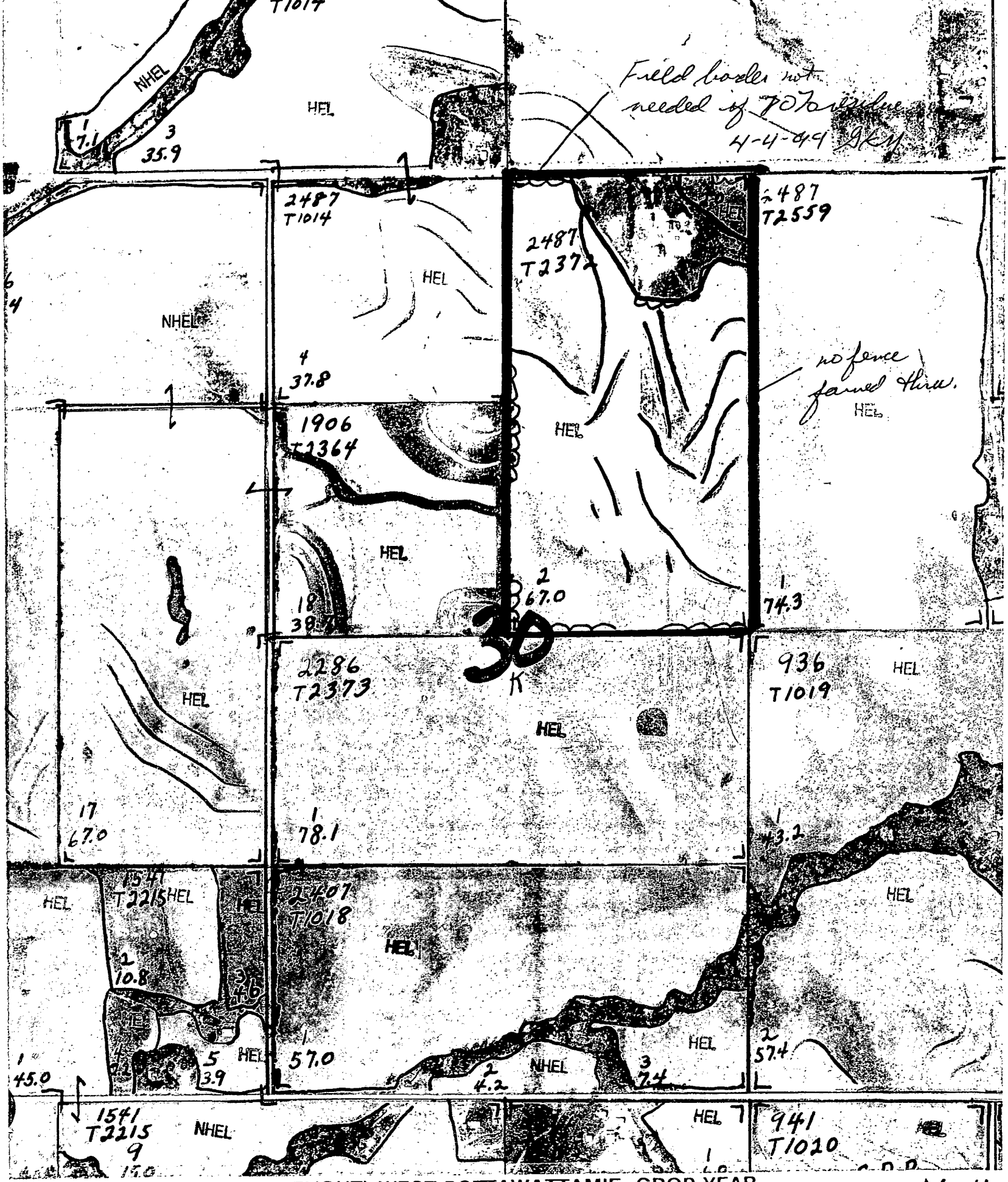
Client: Rodenburg, Earl
Assisted By: JAG

Rodenburg Earl

LAND UNITS		PLANNED			APPLIED		
TRACT	FIELD	AMOUNT	MONTH	YEAR	AMOUNT	DATE	PLANNED CONSERVATION TREATMENT
							CROP
tT2372	1, 2	69.0Ac					A CROP ROTATION of corn soybeans will be used on these fields. CONTOUR FARMING will be used for all planting and tillage operations. The following CONSERVATION TILLAGE system will be used: Corn is no-tilled into soybean stubble leaving at least 40% of the ground covered by residue after planting. Soybeans are no-tilled into corn stalks leaving at least 60% of the ground covered by residue after planting. FIELD BORDERS are required as shown on the conservation plan map.
tT2372	1 HEL*	2.0ac	05	1990	2.0ac	05/14/1991	CONSERVATION CROP ROTATION
	2 HEL*	67.0ac	05	1990	67.0ac	05/14/1991	
tT2372	1 HEL*	2.0ac	05	1992	2.0ac	06/08/1995	CONTOUR FARMING
	2 HEL*	67.0ac	05	1992	67.0ac	06/08/1995	
tT2372	1 HEL*	2.0ac	05	1991	2.0ac	05/14/1991	Conservation tillage
	2 HEL*	67.0ac	05	1991	67.0ac	05/14/1991	
tT2372	1 HEL*	200.0ft	05	1994	200.0ft	06/08/1995	FIELD BORDER
	2 HEL*	3000.0ft	05	1994	3000.0ft	06/08/1995	

HEL Fields marked as HEL are highly erodible fields.

HEL* Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985. See the Conservation Plan for details about first time application.



NOT TO SCALE (1990 FLIGHT) WEST POTTAWATTAMIE--CROP YEAR_____

K-4

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
Council Bluffs Field Office (712)328-2489

10/01/01

Maxine

CONSERVATION PLAN

Client: Rodenburg, Maxine Rodenburg Maxine
Assisted By: JAG

LAND UNITS		PLANNED			APPLIED		
TRACT	FIELD	AMOUNT	MONTH	YEAR	AMOUNT	DATE	PLANNED CONSERVATION TREATMENT
							CROP
tT2559	1	103.8Ac					A CROP ROTATION of corn soybeans will be used on these fields. CONTOUR FARMING will be used for all planting and tillage operations. The following CONSERVATION TILLAGE system will be used: Corn is no-tilled into soybean stubble leaving at least 40% of the ground covered by residue after planting. Soybeans are no-tilled into corn stalks leaving at least 60% of the ground covered by residue after planting. FIELD BORDERS are required as shown on the conservation plan map.
tT2559	1 HEL*	74.3ac	05	1994	48.0ac	06/08/1995	CONSERVATION CROP ROTATION
tT2559	1 HEL*	74.3ac	05	1994	48.0ac	06/08/1995	CONSERVATION TILLAGE
tT2559	1 HEL*	74.3ac	05	1992	48.0ac	06/08/1995	CONTOUR FARMING
tT2559	1 HEL*	2950.0ft	05	1994	1500.0ft	06/08/1995	FIELD BORDER
tT2559	1 HEL*	2800.0ft	07	2001	2800.0ft	07/09/2001	TERRACE

HEL Fields marked as HEL are highly erodible fields.

HEL* Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985. See the Conservation Plan for details about first time application.

OWNER

2559 TRACT

CONSERVATION COMPLIANCE PLAN
CERTIFICATION BY PARTICIPANTS

I have chosen to use an Alternative Conservation System on my farm on the following field:

I recognize that use of an Alternative Conservation System may not reduce soil erosion to levels consistent with Iowa's Soil Erosion Control Law which has a goal of reducing soil losses to acceptable levels by the year 2000. If I wish to reduce soil losses to this level, I understand that technical assistance may be obtained at the local Soil Conservation Service office.

Practices denoted by an asterisk (*) must be installed and/or maintained as scheduled to remain eligible for U.S.D.A. program benefits.

I concur in the conservation practices and installation schedules indicated in this conservation plan for all fields labeled HEL. I understand that, when this conservation system for HEL fields is applied to the land and maintained on a continuing basis, the conservation system will meet all of the Food Security Act of 1985 requirements for conservation compliance. Furthermore, I understand that if any fields other than those HEL fields specified in this plan will be used for the production of agricultural commodities, I will contact ASCS and SCS for an HEL determination.

SIGNATURE	DATE	SIGNATURE	DATE
(owner)		X Fred Rose (operator)	6/8/95

REVIEWING OFFICIALS SIGNATURES

SOIL CONSERVATION SERVICE - Technical Adequacy Certification
This plan meets the requirements of the West Pottawattamie County Field Office Technical Guide.

Lyle C Peterson — 6/28/95
(District Conservationist) (date)
Council Bluffs Field Office

APPROVED BY - Soil and Water Conservation District

John Dea — 6/28/95
(District Commissioner) (date)

U.S.D.A. Soil Conservati Service
Council Bluffs Field Office

April 14, 1993
Assisted By Mathis

CONSERVATION COMPLIANCE PLAN FOR TRACT tT2559
Rodenburg Earl

CONSERVATION SYSTEM SUMMARY FOR FIELDS 1 & 2

COMPLETE

A CROP ROTATION of corn soybeans will be used on these fields.

CONTOUR FARMING will be used for all planting and tillage operations.

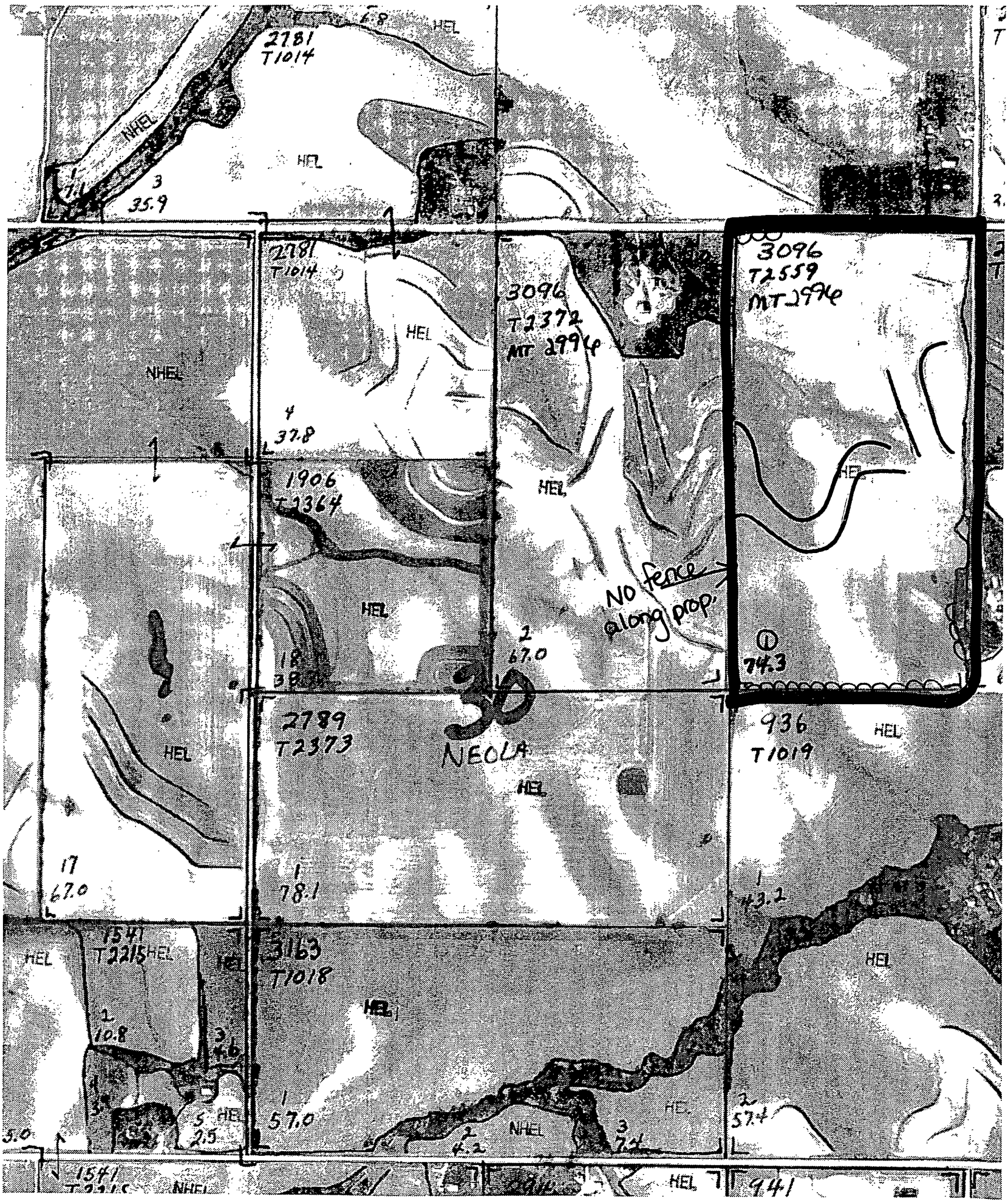
The following CONSERVATION TILLAGE system will be used:
Corn is no-tilled into soybean stubble leaving at least 40% of the ground covered by residue after planting.
Soybeans are no-tilled into corn stalks leaving at least 60% of the ground covered by residue after planting.

FIELD BORDERS are required in locations shown on the conservation plan map.

APPLICATION SCHEDULE

Install Date	Field No.	Practice (SCS practice number)	Amount	Applied Date
May 92	1 *	Contour Farming (330)	48 Ac.	6-95
May 92	2 *	Contour Farming (330)	29.5 Ac.	
May 94	1 *	Crop Rotation (328)	48 Ac.	
May 94	1 *	Conservation Tillage (329)	48 Ac.	
May 94	1 *	Field Border (386)	1500 Ft.	
May 94	2 *	Crop Rotation (328)	29.5 Ac.	
May 94	2 *	Conservation Tillage (329)	29.5 Ac.	
May 94	2 *	Field Border (386)	1450 Ft.	

*In order to be considered actively applying your conservation plan, practices need to be installed according to SCS standards and specifications by the planned date AND BE MAINTAINED THEREAFTER. It would be helpful in certifying your active application if you let the SCS office know when practices have been applied.



NOT TO SCALE (1990 FLIGHT) WEST POTTAWATTAMIE CO. - CROP YEAR _____ K-4

Maxine Rodenburg

Rental Agreement

This Agreement is for land rent for crop production for 140 acre M/L.
The land is located in Pottawattamie Co. Neola twp. Section 30
It is the ne1/4 of the Sec 30, Neola Twp. Pott. Co.

The agreement is for 4 years beginning 06 ending 10

For amount of $120 per acre

The agreement is automatically renewed if notice is not sent to the tenants by September 1

The agreement is between Marion Rodenburg Marion Rodenburg Landlord

Feedlot Service Company Jim Rowe Sec Renter

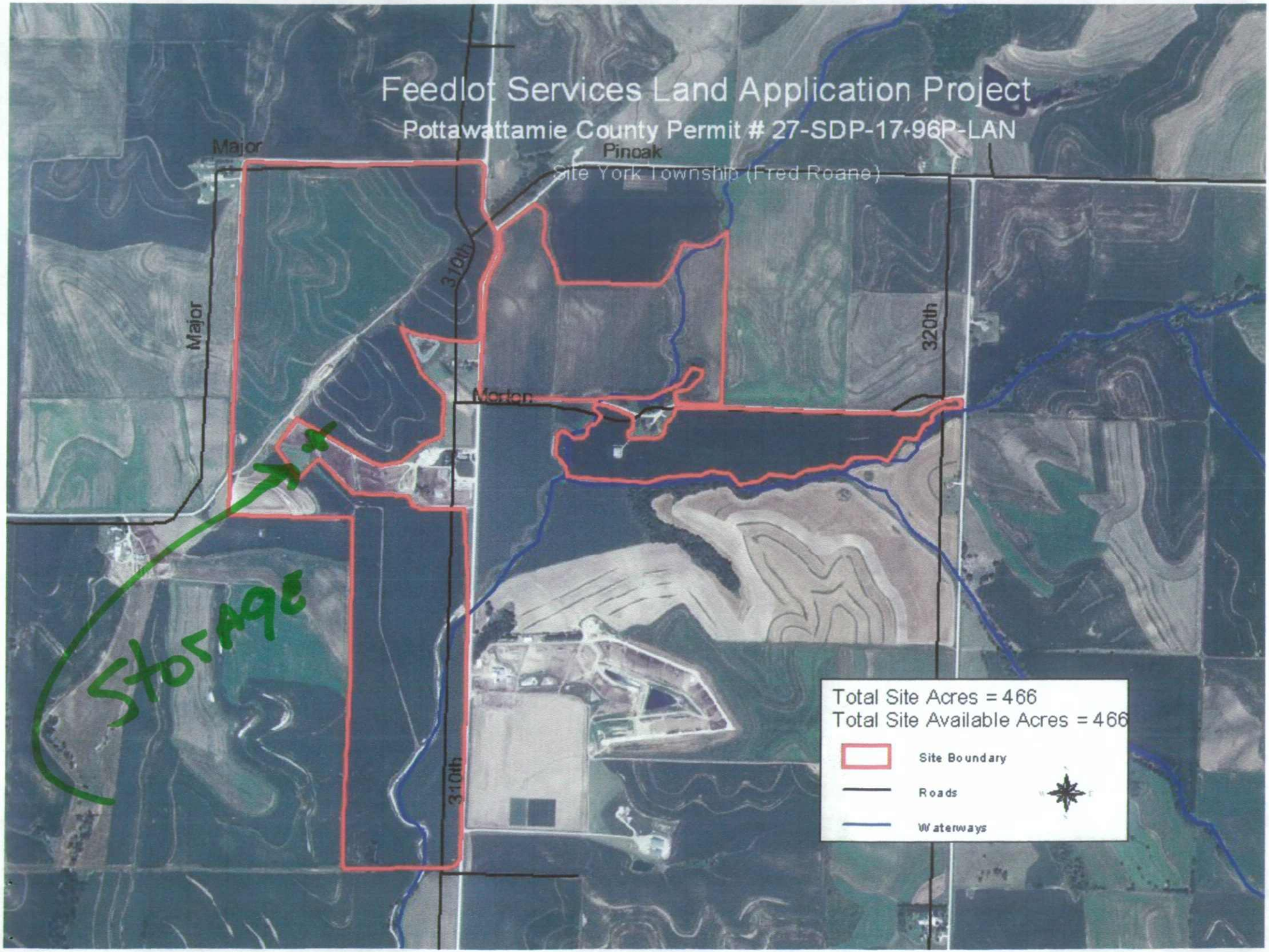
Section 0

The soil maps in section C, are digtal images of the soil maps according to NRCS of the land in the leases agreements which are to be used in the diposal of the paunch manure.

Here is the MAP Matt., the Green X marks the Storage Site.

Thanks Joe Turner

RECEIVED SEP 13 2006


Feedlot Services Land Application Project
Pottawattamie County Permit # 27-SDP-17-96P-LAN
Major
Pinoak
Site York Township (Fred Roane)
310th
Major
Morton
320th
STORAGE
310th
Total Site Acres = 466
Total Site Available Acres = 466
Site Boundary
Roads
Waterways

Зарядка

Panoch Manure Storage Area

Pictures