APPENDIX B

Agricultural Soil Testing and the One-Call System

Marvin Nelson, Agricultural Consultant
Rolla, ND

History of Soil Testing

- Native fertility declined and need to add nutrients
- Question was based on what?
- Nitrate soil test was found to have good correlation
- Began offering in 1968
- Recommendations by 1971 were based on nitrate test
- Moraghan stated testing was common in Red River Valley by 1980
- Franzen stated in 2011 that over 200,000 samples in North Dakota were analyzed for nitrate representing about 25% of the cropland in the state

How's it done

- Recommended depth is 24" for most crops with some, like sugarbeets, recommended to 48"
- Use hydraulic probes or drills

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had a discussion one day in regard to what grants are out there and what do we want in a grant that could help our community. The Pathways to Fatherhood Grant was something out there that really fits the needs of our tribe – the poverty, unemployment, teenage pregnancies and the births to those teens, relationships, and so forth. Since I became Chairman there have been a lot of discussions at the table on child support and how

Thriving now depends upon everyone sharing a vision, honoring each others' skills, cooperating and developing self-sustainability and a strong pride in what we can accomplish. With New Pathways, our young fathers can help lead the way. – Chairman Richard W. McCloud

Chairman McCloud: Some of the bullets, we'll say, include:

NEEDS: Turtle Mountain meets all criteria to receive this important funding that will help address the needs of young, at risk most challenged areas in the United States. Over half of children (52%) living in Rolette County live in poverty. According to Social Services, 27 percent of the entire State's Temporary Aid for Needy Families caseload is in Rolette County, births to teens in 2013 ages 12-19 was 99, more than four times the State rate. Unemployment here in Turtle

Mountain is the same now. Mikanaake has integrated as innovative design, culturally-appropriate, evidenced-based curricula with a comprehensive continuum of care that connects fathers the knowledge, skills enhancement, training and opportunities to become a responsible, stable support for their child(ren). Clients will be enrolled, screened and assisted in the development of and Individual Plan that will guide case management and wrap-around program services.

The Tribe believes a fatherhood program designed and implemented for fathers/families on the Turtle Mountain Reservation will be instrumental in providing critical services that not only assist father participants regarding their financial obligations to their children through employment skills and securing a job, but will help them embrace their responsibility as a father, understand the importance of parenting and of establishing a healthy relationship with their

we have economic stability and healthy marriages. Then, of course, you have DOMESTIC V I O L E N C E PREVENTION/SERVICE REQUIREMENT and SUSTAINABILITY. I'll touch on SUSTAINABILITY. The highly experienced, well-qualified set of individuals who staff the program will replicate the evidence-based model with fidelity as monitored by the program providers under the five-year work plan. This structure optimizes the opportunity for best outcomes for and sustainability of the program. Furthermore, Turtle Mountain is based on evaluation research and best practices.

Chairman McCloud: So, Turtle Mountain is the only small rural community to receive this Fatherhood Grant. You have cities like Los Angeles, Chicago, Washington DC and other major metropolitan areas that receive this grant. Like I said, it's a five-year, $5 million dollar grant award and I know we'll be watched very closely here on the

So Shirley Swenson and Dana Boham did some research and this new grant came up. It was exactly what we were looking for. In my opinion, Shirley and Dana wrote an excellent, excellent application for

es; I explain things that you don't see and that's how you become successful in attaining these important grants."

So far, as a Promise Zone finalist of the Second Round (last round), the TM Tribe has re-

During the United Tribes Tribal Leaders Summit, Bismarck Mayor Mike Seminary and I were having a discussion and I asked him what his unemployment was in Bismarck and he said it was less than 2 percent. Right now, the biggest difficulty that they have in the Bismarck area is filling jobs. He said that currently they have 3,300 jobs available in the Bismarck area that they can't fill. That would be very nice if we had that kind of problem up here in Turtle Mountain."

The majority of clients are expected to be at risk, low-income Native American fathers between the ages of 16-24 years

idence-based, research-proven curricula; 2. Economic stability activities (e.g., GED, education, job skills development, job training and employment); 3. Healthy relationships training and strengthening activities.

As part of this new grant includes the Responsible Parenting priorities under the New Pathways Elements are counseling, mentoring and mediation; disseminating information about good parenting practices; and encouraging child support payments. Our (TM Tribe) Aligned Response will be direct individual/group counseling and referred intensive coun-

or consultant, data technician, Pathways Support Specialist and Coaches. If there is someone who thinks they are good at or would be good at, I would strongly encourage them to apply for these positions so that we can make this program a success. If it turns out to be successful in the given five years, then Turtle Mountain would have the opportunity to re-apply again for an additional $5 million dollars for another five years. We know that we can make this opportunity work out for us with the right people in place.

This can help young fathers or

available to the Tribe. "It now depends on everyone sharing a vision, honoring each others' skills, cooperating and developing self sustainability and a strong pride in what we can accomplish. With New Pathways our young fathers can help lead the way. It's a grant that I'm anxious to initiate and get it started, to put it out there into our community and get rolling."

(Note: due to the amount of script within this week's Chairman's Corner, the rest of Chairman McCloud's report will run in next week's issue of the TM Times)

Think Pink Walk/Run participants

Barb Stein of Woman's Way gave a powerful presentation to those who participated in the walk/run last Tuesday

Those who attended were certainly "thinking pink" that day, too, as attendees dressed in pink for the walk through the town of Belcourt followed by a balloon release in remembrance of those who lost their lives to breast

CANCER from pg 1A

or beyond, the condition is called ductal carcinoma in situ (DCIS). The term "in situ" means "in place." With DCIS, the abnormal cells are still "in place" inside the ducts. DCIS is a non-invasive breast cancer. Although the abnormal cells

ers by only a small amount. Some risk factors you can't change. For example, the two most common risk factors for breast cancer, being a woman and getting older, are not things you can change. Other factors you may be able to control. For example, leading a healthy lifestyle may help lower your

when the chances of survival are highest. Breast cancer screening is important for all women, no matter their level of risk. Women at higher risk may need breast cancer screening earlier and more often than women at average risk.

Breast cancer screening is not recommended for most wo-

sure to ask your health care provider when you can expect your biopsy results so that you know how long you will have to wait.

Remember, if breast cancer is found, it can be treated. When breast cancer is found early, the chances for survival are highest.

sible results and potential next steps. You'll feel more in control if you know what to expect.

Every person with breast cancer deserves the best care possible. Finding good health care providers and a quality hospital helps ensure you get excellent care and may also

of your biopsy and explain the next steps; and learn more. Do some research and learn about biopsies, pathology reports, pos-

Again, early detection is very important, she said, and understanding those risk factors linked to breast cancer.

from pg 1A

school, where she began working in Hey City Theater Productions.

Perkins became lead singer of Scarlet Haze, a band from the Twin Cities. In 2005, the band opened for *Bon Jovi* at the *Target Center* in *Minneapolis*.

Perkins later had surgery on her vocal cords, which resulted in a three year hiatus from her singing career. She began working as a full-time nanny for a family [illegible] in the Twin Cities [illegible] off time.

[illegible] 2013, [illegible] America's [illegible] season 6 in Los Angeles, California, after producers saw a video of her singing Adele's "Someone Like You" on YouTube. In October 2013, Perkins was selected for The Voice's blind auditions. Perkins performed "Gold Dust Woman" at the television show's blind audition, and received interest from three judges. She chose Adam Levine as her coach, who led her to the semifinals. Perkins was saved from elimination twice by audience votes via Twitter, before being eliminated from The Voice in May 2014.

Perkins was part of the most tweeted moment in history of a television show, according to Guinness World Record.

In August 2014, Perkins released her first single, "Fearless." The week following the single's release, "Fearless" placed in the top five on iTunes rock chart. "Fearless" also qualified for the first round of the Grammy Awards "Best Rock Song and Best Rock Performance" competition. Her experience on The Voice inspired Perkins to write the song.

In September 2014, Perkins and EduTech partnered with the Positive Social Media Tour to visit schools across the United States to discuss social media with students and give a live performance. Perkins began touring her single and songs from The Voice in October 2014. That month, she sang the national anthem at a Minnesota Vikings football game.

She will continue to tour in October and November throughout North Dakota, Minnesota and Montana.

Thanks for visiting, Kat!

Dunseith School District #1
P.O. Box 789
Dunseith, North Dakota 58329-0789

ELECTION NOTICE

A Johnson O'Malley (JOM) Election will be held on Thursday, November 12, 2015 from 11:00 a.m. - 7:00 p.m. at the Dunseith Elementary Gym concession area. The following positions are open:

Two (2) vacancies for a period of three (3) years.

You must be a p[illegible]dian) of an enrolled [illegible]hild attending the [illegible] order for you to [illegible]

The deadline to file for candidacy is Thursday, November 5, 2015 at 12:00 Noon. Please file in the Business Manager's Office located at the Dunseith Elementary School.

Sandra M. Allery, Business Manager
Dunseith School District #1

Dated at Dunseith this 14th day of October, 2015.

NOTICE

The Turtle Mountain Times is seeking story information concerning land issues surrounding the federal government's cadastral surveys.

If you are interested in having your voice heard regarding this issue and how it has affected your home sites, etc, contact the Times by leaving your name and phone number. A reporter will return your calls.

EVERS Foods
SUPERVALU FOODS
STORE HOURS:
Mon-Sat: 7am-9pm • Sunday: 9am-7pm
202 Main Avenue, Rolla - 477-3119
ANNIVERSARY SALE!
November 1ST – 9TH
Leever's White Bread 78¢ loaf
Cloverdale Tangy Summer Sausage $6.78
Our Family Marshmallows 78¢
Keebler Zestas $1.78
Our Family (24 pk.) Water $2.78
Bolthouse (1 lb.) Carrots 78¢
#1 Red (5 lb.) Potatoes 78¢
Fresh Green Cabbage 78¢ lb.
Fresh Pineapple $2.78
Fresh Juicy (3 lb.) Clementines $4.78
TRUCKLOAD SALE
$2.79 lb. Rope Sausage (1 lb.) $3.79
$13.79 Little Smokies (1 lb.) $3.79
$3.79 lb. Bacon Ends (3 lb.) $4.79
2/$4.79 Beef Franks (1 lb.) $4.79
$2.79 Assorted Bacon (1 lb.) $6.79

Low Income Assistance Available For Phone Service
United Communications and Turtle Mountain Communications are Lifeline-supported services.
Lifeline is:
• A government assistance program
• Available to eligible individuals
• A nontransferable discount for telephone service
• Limited to one discount per household
Eligible individuals on Tribal lands, see website or call for details.
Contact United Communications for further details.
Langdon • 701.256.5156 | Bottineau • 701.228.1909 | Rolla • 701.477.5101 | www.utma.com
UNITED TURTLE MOUNTAIN
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Save UP TO 40%
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Ask about our lay-away plan!
Store Hours
Open Weekdays 9 a.m. to 5:30 p.m.
Open Saturdays 9 a.m. to 5 p.m.
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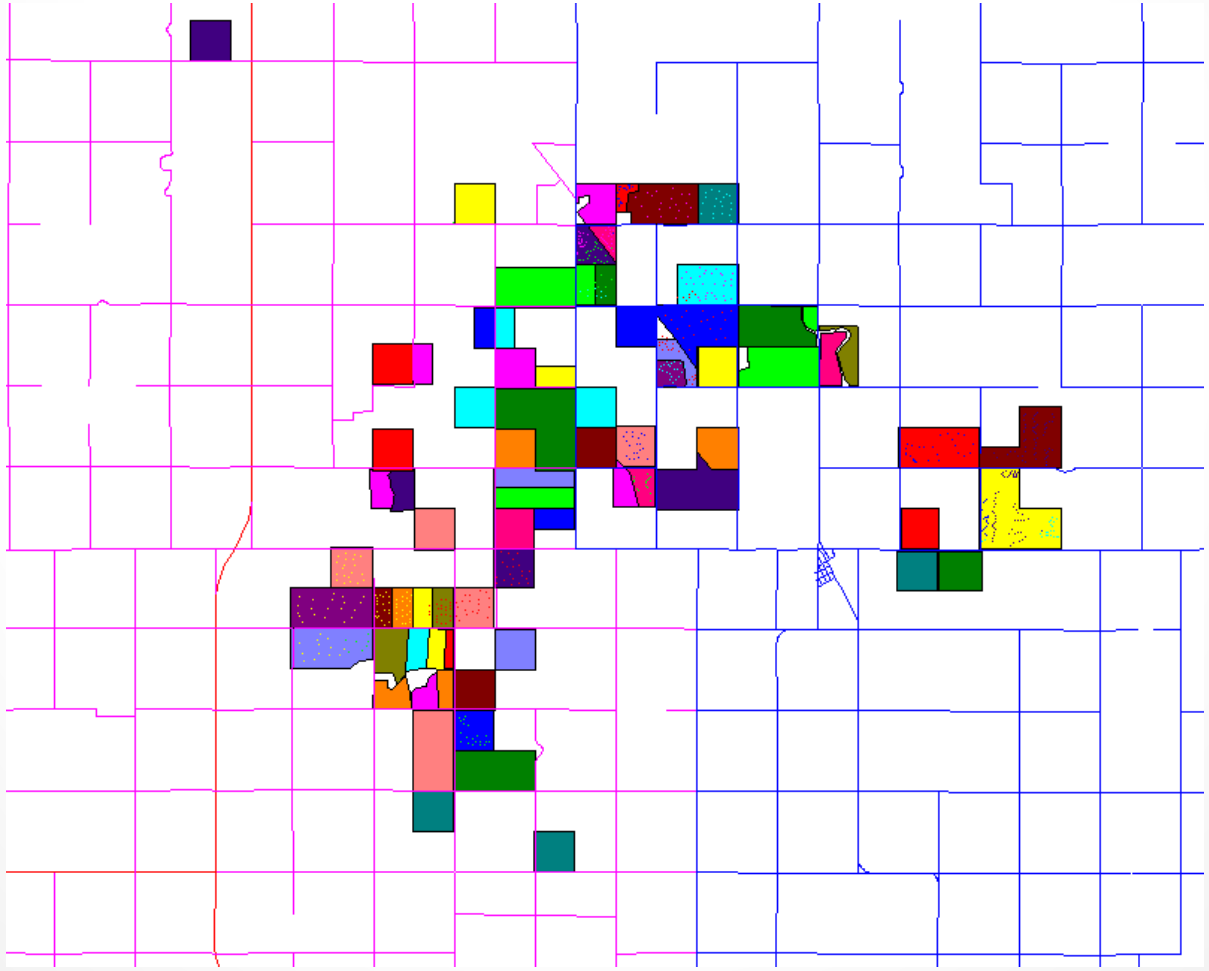
Rolla: 477-3891 • Bottineau: 228-2970

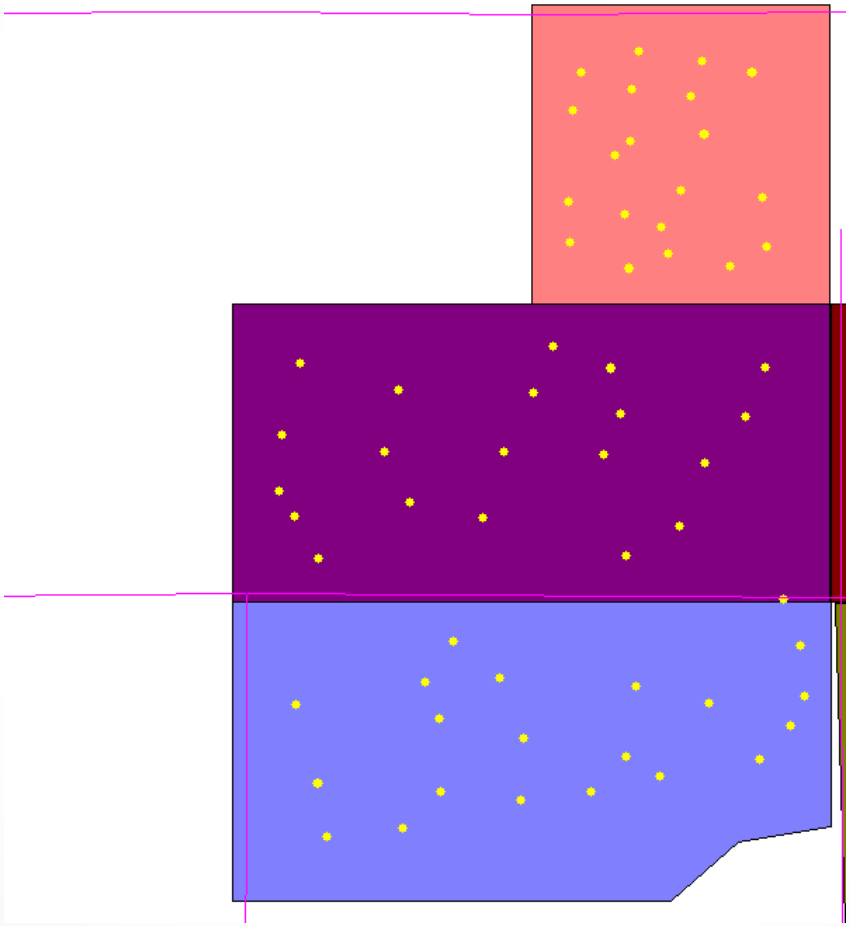
TM Community Schools
TITLE 1 PARENT NIGHT (K-12)
Mon., Oct. 26th, 2015 @ 5pm-8:00pm
Turtle Mountain Community High School
Come Join Us! See You There!
• 5:00 - 5:15 — Drum Group
• 5:15 - 6:15 — Meal
• 5:15 - 7:30 — Title I Fall Meeting
• 5:00 - 8:00
• Art Exhibit
• GRIPS Booth
• Child Find Grades: Pre-K — 12th
• College Recruitment
• Public Health
• Tribal Diabetes
• Drug & Alcohol
• Scholarships
• 6:30 - 8:00 — Band & Choir
For more info contact: Ryan Keplin @ 477-6471 ext. 3248 or Sharon Brunelle @ 477-6471 ext. 3279

CITIZENS community CREDIT UNION
your CD advantage
1.40% APY*
ON A 36-MONTH CD.
ONE TIME STEP UP OPTION IF RATES GO UP
VISIT YOUR BRANCH OR CITIZENS-CU.COM FOR DETAILS.
*APY = Annual Percentage Yield $5,000 minimum new deposit required. 1.40% APY Elite Member rate, non-Elite rate of 1.25% APY. Step up bonus on term closest to the remaining term at the CD when exercised. Visit your branch for details.
NCUA

Area of fields and Roads



Close-up of sampling points



Problems

Time

- Soil tester takes time to enter fields, takes time to pick up flags. Takes time to respond to calls.

- Utilities. Time to locate. Cost to hire locaters.

Flags

- Flags get stuck in equipment
- Flags get stuck in cows
- Nonmetallic flags solves those problems but people marking for a living want to use metal flags

Flags continued

- Ag generally uses gps now.
- Gps has advantages over flags.
- Company only needs to do it once.
- Should be done at installation.
- Majority of cases soil tester can leave a margin. If not, then flags.
- National security, not every utility is a national security issue.
- If they mark a national security issue once, I would have gps before leaving field.

Seasonal concentration

- The peak season is September 1 to about November 10
- I do well over 90 percent in that time.
- Industry probably not as concentrated but large majority of testing in that time frame.

Low risk locates compared to high risk

- Been doing thousands each year for years. Damage?

IS Crop off?

- Get fields to do, often some off, some not. Normal.
- Changes daily.
- If give field with crop on, get complaints
- If go to area and field off but not yet marked, must return

Addresses

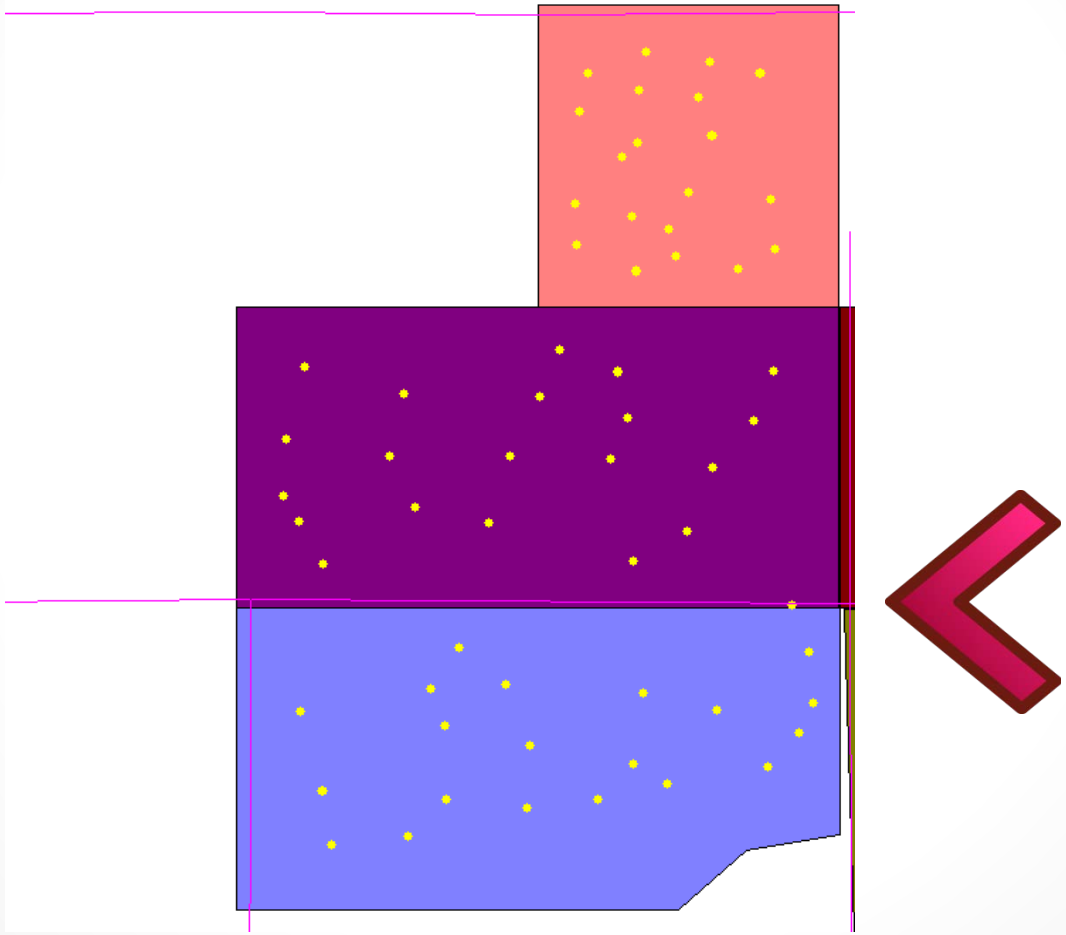
- Agriculture uses the Public Land Survey System
- One- Call uses 911 addresses
- Supposed to give street, then nearest intersection and so on.

- **14. Street Address of Work Site**
- North Dakota One Call also uses the street name to identify which members are to be notified. It should be noted that the underground facility operators of North Dakota One Call utilize different mapping records. To ensure that the information transmitted for all underground facility operators is accurate, North Dakota One Call has requirements for identifying the location of the job site. The best information is a street address. If a street address is not available, the customer service representative will ask for the following information:
- **A.** What is the name of the street
- **B.** Name of the nearest intersecting street
- The following are examples of proper information when identifying the location of the job site:
- **A.** 2020 Main Street
- **B.** Main Street and Second Ave.
- Use caution to ensure you have the proper street name before you call North Dakota One Call. It is critical for you to have the full and proper name to allow North Dakota One Call to accurately process your location request. Use caution with differences between “street,” “avenue,” “boulevard,” etc. Fire numbers are helpful as additional information, but are not considered an address.

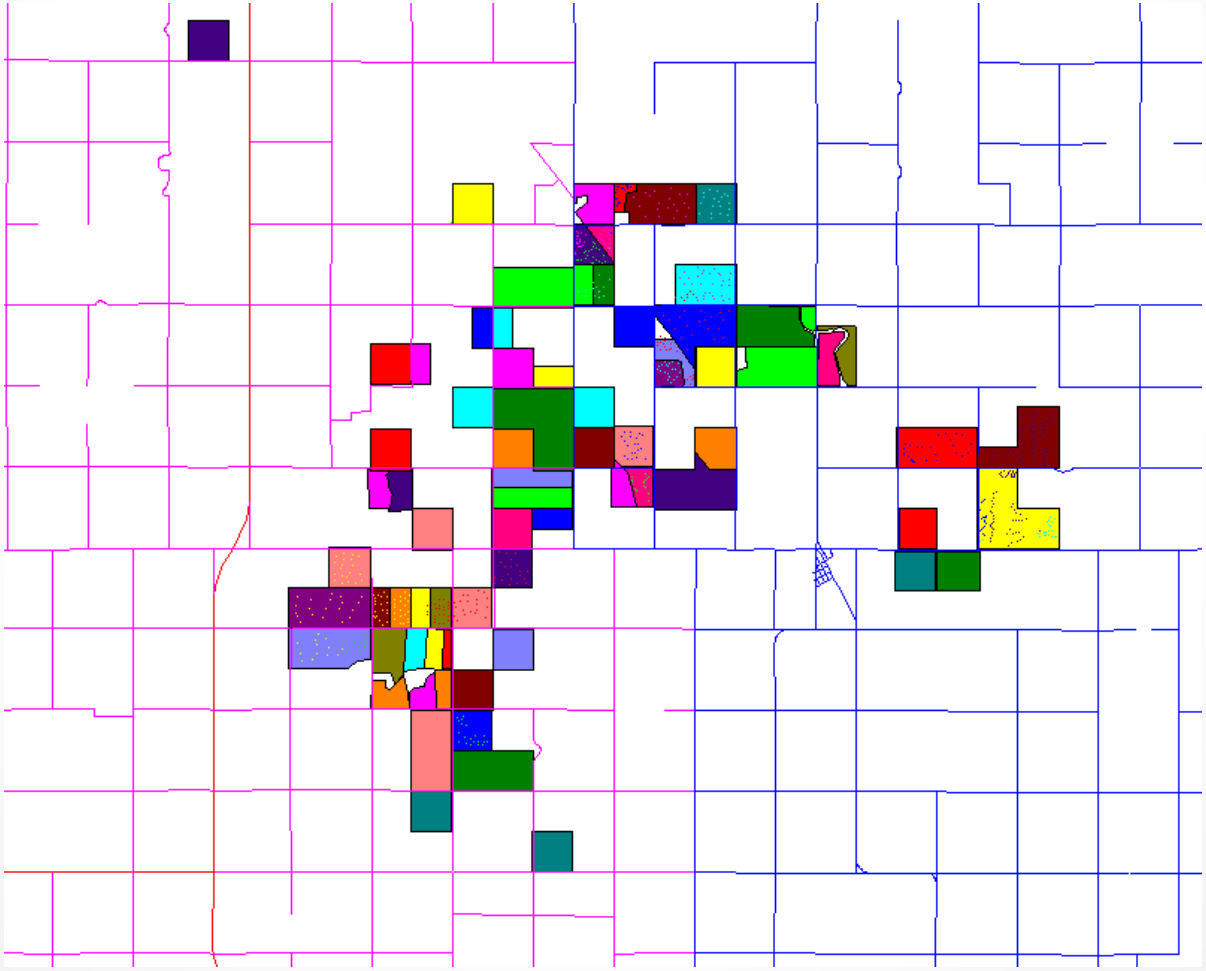
- **17. Township, Range, Section, and Quarter**

- The location shall be further described by coordinates measured in feet from the nearest one-fourth corner or section corner. This information will aid the customer service representative and allow them to quickly and accurately process your location request. Studies show that telephone time can be cut by 50% if complete legal descriptions are provided to the customer service representative. Maps are available from the following source: North Dakota Dept. of Transportation, 701-328-2518 or through Great Plains Directory and Midland Atlas Company.
- Indicate the appropriate township, range and quarter-section(s) in which your job site is located. To do this, indicate the township, range, and section by their numeric designations and quarter sections by their directional qualifier (NE, NW, SE, SW). For example: Township: 108N Range: 28W Section: 12NE From the NE corner of section 12, 100 feet west and 340 feet south.

What is the distance to the excavation?



Each field separate



Conclusions

- System has not taken Ag into account. Too costly for both soil testers and utilities for 24 inch compared to any benefits. 24 inch should be excluded from system

- Board does not understand agriculture and the excavator on the board really doesn't represent agriculture, completely different business. Need changes to make it possible for deeper tests to comply.