



July 1, 2023

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### Gary Guttau, Loess Soils

The meeting speaker was Gary Guttau, who has extensive professional history in soil depth sampling and probing. Gary spoke on our unique Loess Soils of this area. Loess hills soil is found in China, Western Iowa and many other places in the world. The Loess hills of China cover an area 4.5 times the size of the state of Iowa.



Loess is a German word meaning "loss". It is almost exclusively silt that has been sorted by particle size and weight and then deposited over our area in huge dunes by blowing winds. It is the wind component that separates the particles, just like water does to sand on a beach.

There are 4 major types of soil, based on particle size and amount of organic matter binding it together: Sandy, Silt, Clay and Loamy. There are also Peat, Chalk and Volcanic. Clay and silt have higher retention ability than sand, but a much poorer ability to drain.

All types, and mixtures of types, have different properties, but it is the amount of organic materials mixed with the particles that determines soil fertility. Glaciers ground rocks into soil particles. Wind from the west sifted the silt particles away from the Great Plains and deposited Loess over Iowa. Thousands of years of prairie growth added the organic materials. Rain coming from the Gulf of Mexico waters provide our growing water. This area of Iowa receives 30-35" of rain annually. All put together, Iowa is the "sweet spot" for farming today.

Gary talked further about the chemicals in the earth's crust, the composition of the earth's atmosphere, specific composition of the Loess

Hills – aluminum, sodium and others. In addition, he explained alluvium, colluvium, shale and gumbo. He also showed a map of the various types of soils in Iowa as well as a map of annual average precipitation throughout the U.S. Thank you, John Klein, for taking notes.

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#### Next week's Speaker:

**YMCA speaker to discuss their services including Yoga for older adults.**

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#### Famous Quote

**"Without memory, there is no culture. Without memory, there would be no civilization, no society, no future."**

**Elle Wiesel**

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#### Meeting Minutes

Bill Vorthmann called the meeting to order. Fifteen members were present. Mike Holton, City Administrator, was a guest.

The group recited the pledge and Dee Guttau offered the prayer.

Keith Denton, Bill Vorthmann, and Steve Chambers shared jokes.

**50/50:** Ken Graham won.

**Attendance:** Shelly Bailey won, but it went unclaimed.

**Birthdays:**

**Anniversaries:**

**Bragging Rights:** (Dollars are contributed to benefit local youth programs.)

- Gary Guttau stated they got their large pumpkin patch planted and removed some American Elm trees at their home.
- Dick Fox announced they had gotten 2" of rain this week.

- Keith Denton brought in a large box of zucchini to give away to anyone at the meeting.

### Community:

- The Second Annual Tristen's Trail 5K Run/Walk will be held at 8:00 a.m. on Saturday, July 15 around Treynor streets and school grounds. It will start and end at "The T" trailhead.
- Mike Holton gave a report on the City's wells and water supply in Treynor and Level 2 of Water Conservation here. The wells are low, but not dry, and while they are low, one well will have its screen filters pulled and acidized for cleaning.
- Mike also gave reports of the Treynor Days festival and BBQ feed. Nine local barbeque chefs and the city provided a wonderful supper for the community.

### Business:

1. The Optimists worked with the American Legion to do adult BINGO for the festival, and sold out of the renewable BINGO cards. These cards are showing their age, and Dee moved, and Jim Clausen seconded approaching the Legion about splitting the cost of new replacement reusable BINGO cards for future Community use. Motion carried.
2. Can Kennel sorting: Wed., July 5 at 6 p.m.
3. This will be the second sorting for Silver Keg Feeders 4-H Club. While the youth groups, assisted by Optimists, do most of the aluminum can and plastic bottle sorting on their sorting days, most of the glass redeemable bottle sorting is done throughout the week by Gary Funkhouser. At the sorting on June 21, the Silver Keg Feeders received 1,896 glass bottles which brought in \$94.80.
4. Five new house flag contracts were added this past week.

There being no further business the meeting was adjourned with the saying of the Creed.

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## HUMOR




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## Calendar

### Events

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|--------|---|
| July 8 | Take down flags.  |
| July 9 | "Classics on the Water", sponsored by CB Optimists at Long's Landing. 10 a.m. – 2 p.m. Pancake man. Free will offering. |

### Birthdays

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|---------|--------------|
| July 14 | Gary Guttau  |
| July 23 | Jerry Hempel |
| July 27 | Jim Clausen  |

### Anniversaries

- |         |                         |
|---------|-------------------------|
| July 15 | Jordan & Katie Campbell |
| July 25 | Chuck & Kathy Nielsen   |

### Programs:

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|------|---|
| July | Chad Guttau   |
| Aug  | Jim Clausen (first 2)<br>Bill Vorthmann (last 2)  |
| Sept | Glenrose Meier (first 2)<br>Judy Guttau (3 <sup>rd</sup> Sat.)<br>Steve Chambers (last 2) |

### Speakers

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|---------|--|
| July 8  | YMCA Speaker   |
| July 15 | DarRay Tripp – art   |
| July 22 | Susan Miller & Starlyn Purdue representing Non-partisan group regarding the Aug 1 Special election |
| July 29 | Diane Forristall – Bees and Honey  |

