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Casey Baragary –Public Works Director



Casey Baragary, Treynor Public Works Director, led us on a Wastewater Plant tour on the northwest end of Treynor.

In the late 70s, treatment facilities in Treynor were required to be expanded. In 1986, Iowa DNR approved Treynor's plans to construct a three-celled aerated lagoon. In 1988, the present facilities started up. The newest DNR permit in 2017-2018 had new requirements for handling ammonia and E.coli. It was determined to go with a new Lemna Environmental Technologies system.

There are black covers that will go over the lagoon cells. This will keep the bugs (microorganisms) happy to eat ammonia and sits on the water. These are common in Wastewater Facilities (WWTF) and are a blend of fungi, bacteria, and enzymes. The decision to go with this system was based on two significant factors. The current footprint could accommodate the Treynor population growth factor up to 2800 people. Secondly, the new technology will help bring Treynor back into compliance. The old lagoon area that was used before 1988 would have had to be expanded, which would have been very costly. Casey stated that it will help to have the space available if needed in the future.

The cells are lined with bentonite clay to hold the water. Next month, a desludging company will remove sludge and take it to the field to the north. There is an average of three ft. of sludge in each cell. The chemical content has been analyzed periodically and is as it should be. It is high in nitrogen, which is good.

There are several structures in the WWIF. Water enters a manhole on the SE corner and flows out to the NW and into a lagoon cell, then flows through a small brown roof structure on

the SW side of the lagoons and continuously into the creek. Treynor has a continuous discharge permit. The stream is checked every 5-10 years.

The SW concrete building is almost complete. It will have media square cubes that help control the ammonia. Ultraviolet channels take care of E.coli. This building will have a metal mesh top that can be walked on.

When you first drive in, the larger building on the east side has upgraded blowers powered by diesel fuel. It holds backup generators. Up to three days of diesel fuel is available. Air is pumped into the lagoons to aid the biological treatment process. The WWTF was to be completed by December '24. Changes needed to be made on an entrance road through Saar property, and the city purchased the land to complete a new road. This delayed the WWTF project, which is now scheduled to be completed by March '25.

To pay for this, a big grant from Pottawattamie County using County ARPA (American Rescue Plan Act of 2021) funds of \$705,576 was awarded to Treynor, then matched by Iowa West for a total of \$1,411,152 to be used towards the project. Treynor also received an additional \$400,000 in grants from the Iowa Finance Authority. Treynor has two bonds to pay for the project: a G.O. Bond of \$1.5 Million and a Revenue Bond of \$5.585 Million that requires it to be paid through user fees. There is a \$45 fee per month assessed to homeowners to pay on the Revenue Bond, which will be looked at every year to see if the cost is where it needs to be. More homes could help the fee to go down.

The cells handle 60,000 gal./day. At full capacity, they could handle 200,000 gal./day.

Casey has lots of hands-on training and college credits. He has the needed Grade 2 Certification on the wastewater side.

Thanks, Mike Holton for editing and adding information to this write-up.

Next week's Program:
To Be Announced

FAMOUS QUOTE

"If you can't fly, then run. If you can't run, then walk. If you can't walk, then crawl. But whatever you do you have to keep moving forward."

Martin Luther King, Jr.

Meeting Minutes

Dale Willenborg called the meeting to order at Zion Congregational Church. Eighteen members were present.

Visitors today: Casey Baragary, Robin Volkens
The group recited the pledge and Dale Willenborg gave the prayer.

Jokes: Keith Denton, Steve Chambers, Gary Gutttau, Dale Willenborg

50/50: Dennis White

Attendance Award: Mick Gutttau who wasn't present.

Football Contest: John Klein

Birthdays/Anniversaries: Bill and Ann Vorthmann's 55th wedding anniversary was observed. He shared the story that Calvin Hoegh gave Bill \$20 to take Ann out. They ate at the 64 Club, saw a movie, and had money left over! The rest is history!

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

- Steve Irvin bragged that his granddaughter won a junior high cross country meet at Onawa and came in 3rd place at a tougher meet at Mapleton.
- John Klein commended the Homecoming events and gave special recognition to Jordan Campbell who organized the successful Cardinal Combine.
- Gary Gutttau said he is trying to get rid of old stuff from the farm that has been in the family since 1876. He has discovered 3 boxes of farmer's hats which appear to be unworn. He asked for ideas of who would want these.

Business:

- Flags will be removed today (Sat) after the meeting.
- Dues of \$75 are due by Oct. 1.
- Oct. 1: Dale said he has updated the proposal about the Droppitt trailer to be presented at the Treynor City Council Meeting on Tuesday. Optimists that want to attend the city council meeting are welcome. It was also discussed if it was feasible to remove the sidewalk hump to make it possible for the trailer to be backed into the can kennel.
- Homecoming Float – A big thanks to Kirk Vorthmann and Bill Vorthmann and family for preparing the float!!
- Next week we will meet back at the Treynor Community Building.
- A bucket for donating to Shop with the Sheriff was passed and will be passed also next week.
- Dale attended the Superintendent's Group and brought up the issue of doing away with background checks for volunteers with Mulch Madness. The background checks will continue. The purpose is to keep kids safe and to keep sex offenders out of the community. The cost is \$18 per person for a background check.
- Gary Gutttau discussed that our dues will stay the same (\$75) for our club members and we will use the can kennel for 2-4 weeks to defray the costs of increased fees- now \$88 by International and still \$15 by the Iowa District.
- It was discussed that the club should consider buying two metal detectors for helping with putting up flags. The approximate cost at minimum would be \$125 each.
- The Shenandoah Optimist Club is celebrating its 50th Anniversary on Sat. Oct. 5. We are invited to attend. Dinner will be at the Elm St. Grill on 1800 S. Elm St. in Shenandoah. Social cash bar from 5:30-6:30. Dinner (2 meat buffet) at 6:30. Program at 7:30. Cost \$25/person. RSVP to Dennis Gates – 712-246-8037 or email dsgates@mshci.com
- The FCA Group will receive a \$776.95 check from the Optimist Can Kennel.

Community:

- Kevin Underwood stated that tomorrow (Sun.) is the Mt. Hope soup dinner and bake sale. 4 – 7 PM.

Community Events this week (In Treynor):

- Tues., Oct. 1 – 7th/8th grade FB vs. Underwood
- Fri., Oct. 4 – First Friday Food Truck – 11AM – 1 PM "Game Time Eats"

Other Events Mentioned (Not in Treynor):

- Fri., Oct. 4 – Varsity FB Treynor vs Underwood
- Sat. Oct 5 – SWI Band Jamboree - Clarinda

There being no further business, the pledge was stated and the meeting adjourned.

HUMOR



CALENDAR

Events:

- Oct. 1 Optimists and others to meet with Town Council about Droppitt Trailer.
- Oct. 5 Optimist Meeting at the Community Building – 8 AM

Birthdays:

- Oct. 17 Marsha Underwood
- Oct. 29 Bill Vorthmann

Anniversaries:

- Oct. 13 Dale & Dianne Willenborg
- Oct. 17 Dennis & Kay White

Programs:

- Oct Gary Guttau
- Nov Jordan Campbell (first three)
Jerry Hempel (last two)
- Dec Mick and Judy Guttau

Speakers

- Oct. 5 TBA
- Oct. 12 Meet at "The T" for a program in the new building and a program by Travis Castle. Bring your own chair.
- Oct. 19 TBA
- Oct. 26 TBA

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