

## **MINUTES OF THE REGULAR COUNCIL MEETING HELD MARCH 18, 2024**

The meeting was called to order by Mayor Steve Dean at 7:00 PM at Le Roy City Hall, 207 S East Street, Le Roy. Council members present were Dawn Hanafin, Matt Steffen, Ron Legner, Kelly Lay, Justin Morfey, Kyle Merkle, and Sarah Welte. Patti Welander was absent.

Staff members present were Dan Lush, Scott Bryant, Perry Mayer, Dave Jenkins, Brad Frankovich and Anita Corso.

There were no comments from the public.

Included on the consent agenda were Regular Meeting Minutes 3/4/2024, invoices from 3/18/2024 totaling \$ 78,539.71 and, payroll for the period of 3/8/2024 in the amount of \$47,866.19.

The items of the consent agenda were voted on separately.

Motion was made by Sarah and seconded by Justin for approval of the Regular Meeting Minutes. Roll call: Dawn Hanafin-abstain, Matt Steffen-yes, Kelly Lay-abstain, Ron Legner-yes, Kyle Merkle- yes, Justin Morfey-yes, Sarah Welte-yes. Motion carried 5 yeas, 0 nays, 2 abstain.

Motion was made by Matt and seconded by Kelly for approval of the invoices and payroll. Roll call: Dawn Hanafin-abstain, Matt Steffen-yes, Kelly Lay-yes, Ron Legner- abstain, Kyle Merkle-yes, Justin Morfey-yes, Sarah Welte-yes. Motion carried 5 yeas, 0 nays, 2 abstain.

Staff Reports began with Dan reminding everyone brush pickup will begin Monday April 1, 2024 and then be every other week until November. He also said the Highway Dept told him the pile of dirt at the dog park is ok to take by anyone who wants it. Also, the School Street project is still on the County's list of things to do.

Perry reported a very productive meeting with Jacobs Engineering with another meeting scheduled for mid-April. Two members from RCAP will be in town Wednesday 3/20/24 to help contact the approximately 90 homes that still have unidentified service line material. They will be wearing yellow vests and have ID as well as a City permit. He also has a meeting that day with the USEPA.

## MINUTES OF THE REGULAR COUNCIL MEETING HELD MARCH 18, 2024 (cont)

Anita reminded council their statement of economic interest is due to be filed electronically with the county by May 1, 2024 and asked the confirmation email be forwarded to City Hall for the files.

Dave reported investing General Fund and Sewer Fund monies in the Illinois Funds.

Will Gray and Terry Boyer, Donohue & Associates presentation on the proposed Wastewater Treatment Facility improvements. Slide presentation is attached to these minutes.

Dave gave details on an alternate plan for EV charging stations in Le Roy with McLean County through a State of Illinois program. Kelly made a motion, seconded by Justin, to table the approval of the Envirosark Networks, Inc. EV Charging Stations Installation and Services Agreement until more details could be received on the alternate program. Discussion included differences between the state program and the private program. Council asked Dave to proceed with the application for the state program. Roll call: Dawn Hanafin-yes, Matt Steffen-yes, Kelly Lay-yes, Ron Legner- yes, Kyle Merkle- yes, Justin Morfey-yes, Sarah Welte-yes. Motion tabled 7 yeas, 0 nays.

Sarah made a motion, seconded by Matt to table the discussion on the Retail Strategies updated until the next meeting. Roll call: Dawn Hanafin-yes, Matt Steffen-yes, Kelly Lay-yes, Ron Legner- yes, Kyle Merkle- yes, Justin Morfey-yes, Sarah Welte-yes. Motion carried, discussion tabled 7 yeas, 0 nays.

In Old and New Business Dave reported Retail Strategies will have a group in Le Roy to evaluate downtown on April 18, 2024.

Mayor Dean said the Eagle project at Gaultney Park is going well. The shade cover over the memorial is complete. Also, the old Hardees property owner gave the City three flag poles in good shape. One will be put at Gaultney Park. Matt Jackson and another resident in Golden Eagle have cleared the rail bed of weeds and brush from True Value to Howard Virgin Park as a walking trail for any who would like to use it. The EV charging stations at Casey's are open and operational.

Ron asked about the TIF status. Dave answered no funds have been received as yet. They are expected to begin with the property tax receipts after June.

Matt made a motion, seconded by Kelly, to enter executive session pursuant to 5ILCS 12/2 (c)(21) to review closed session minutes, including semi-annual review of closed session minutes. Roll call: Dawn Hanafin-yes, Matt Steffen-yes, Kelly Lay-yes, Ron Legner- yes, Kyle Merkle- yes, Justin Morfey-yes, Sarah Welte-yes. Motion carried 7 yeas, 0 nays.

## MINUTES OF THE REGULAR COUNCIL MEETING HELD MARCH 18, 2024 (cont)

Motion by Kelly was seconded by Matt to return to regular session from executive session. Roll call: Dawn Hanafin-yes, Matt Steffen-yes, Kelly Lay-yes, Ron Legner- yes, Kyle Merkle- yes, Justin Morfey-yes, Sarah Welte-yes. Motion carried 7 yeas, 0 nays.

Sarah made a motion, seconded by Matt, to keep executive session minutes closed and delete recordings eligible for deletion. Roll call: Dawn Hanafin-yes, Matt Steffen-yes, Kelly Lay-yes, Ron Legner- yes, Kyle Merkle- yes, Justin Morfey-yes, Sarah Welte-yes. Motion carried 7 yeas, 0 nays.

Motion by Kyle was seconded by Kelly to adjourn the regular council meeting. Roll call: Dawn Hanafin-yes, Matt Steffen-yes, Kelly Lay-yes, Ron Legner- yes, Kyle Merkle- yes, Justin Morfey-yes, Sarah Welte-yes. Motion carried 7 yeas, 0 nays.

Meeting was adjourned at 8:03 PM.

Submitted by,

Anita Corso,  
City Clerk



March 18, 2024

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City of Le Roy

# WWTP Improvements

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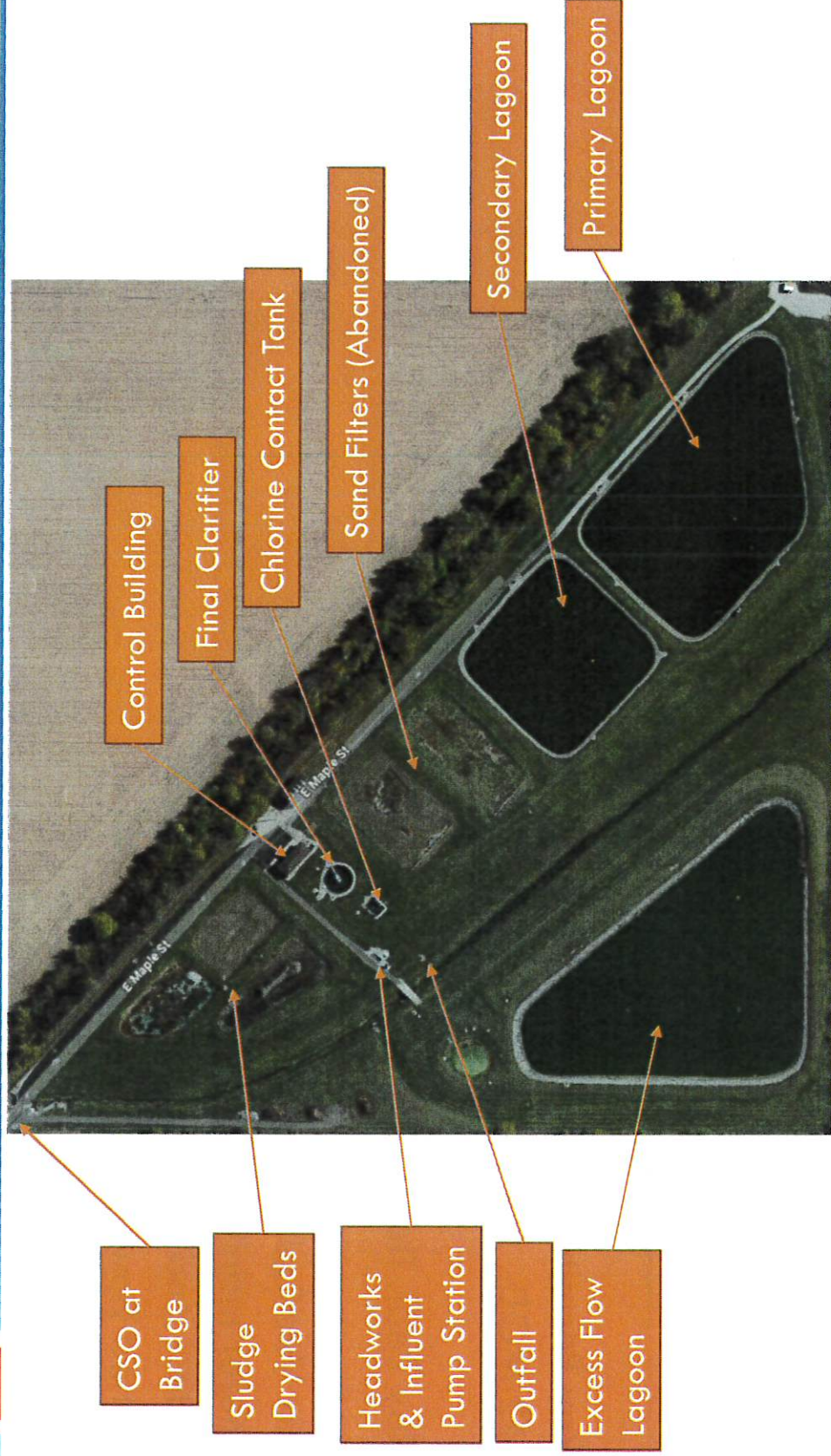


# Needs

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- Provide fine screening at Headworks
- Replace wet pit / dry pit influent pump station with submersible pump station
- Replace / upgrade lagoon aeration
- Provide redundancy for clarifier then repair existing clarifier
- Set plant up to handle future growth
  - Look at what it would take for ammonia removal.
  - Look at raising plant DAF rating to 0.95 MGD

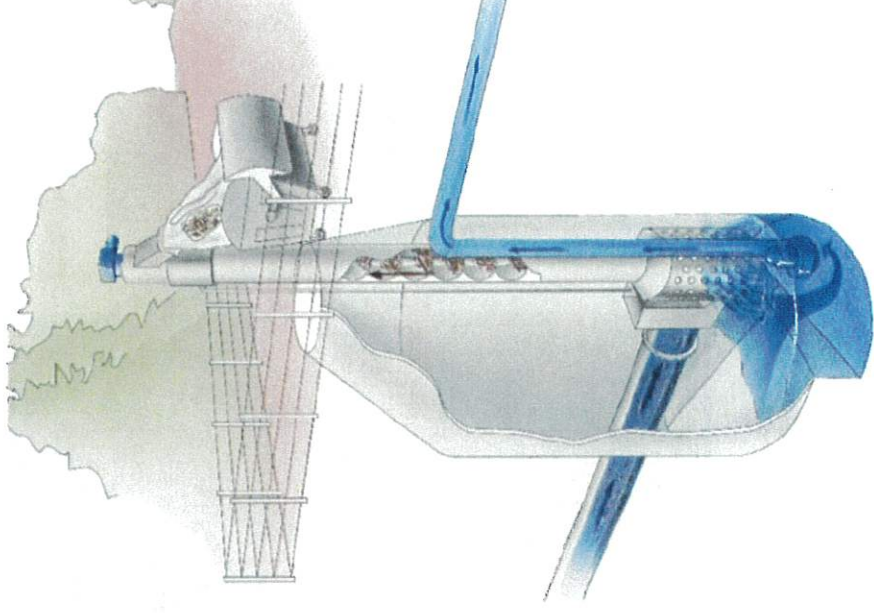
# Le Roy WWTP





# Headworks Upgrade

- Le Roy Permit: DAF 0.657 MGD and DMF 1.643 MGD.
- Le Roy Peak flow? 3.3 MGD (to be confirmed)
- Huber Vertical Screen installed into new 7-ft diameter manhole. Lifts the screenings and dewaterers and compacts at the same time. Screened flows by gravity to lift station.
- Compare Huber (Gasvoda) to Lakeside (LAI) vertical screens





# Headworks - Huber Vertical Screen

Fisher, IL WWTP  
Owned by ILAWC

This installation is rated for DAF 0.2MGD and DMF 0.5 MGD. Peak Hour of 1.04 MGD.

Huber has models for 1.05 MGD peak, 2.7 MGD Peak, and 4.1 MGD Peak



# Headworks - Submersible Pump Station

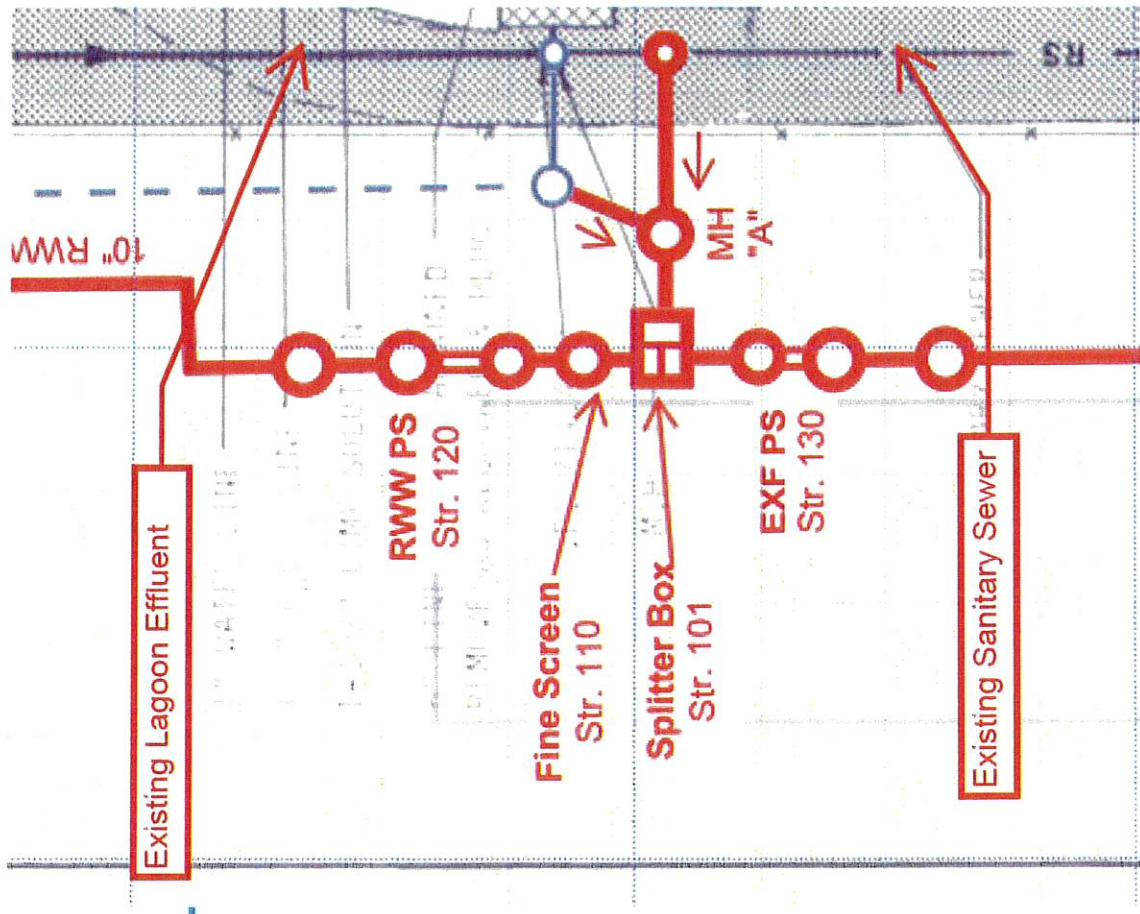
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- Standardize around Flygt submersible pumps. Compare to other brands like Fairbanks or KSB.
- Design around two standard duty pumps and two wet weather pumps. Would connect to the existing 10" and 16" force mains near existing pump station.
- All pumps on VFDs set to maintain a water level in wetwell.
- Wetwell level sensor via pressure transducer or ultrasonic
- Construct a Bypass Vault with automatically actuated valve that directs flow to normal treatment path or to wet weather path.
- Construct a Meter Vault with magnetic flow meter for influent flow monitoring



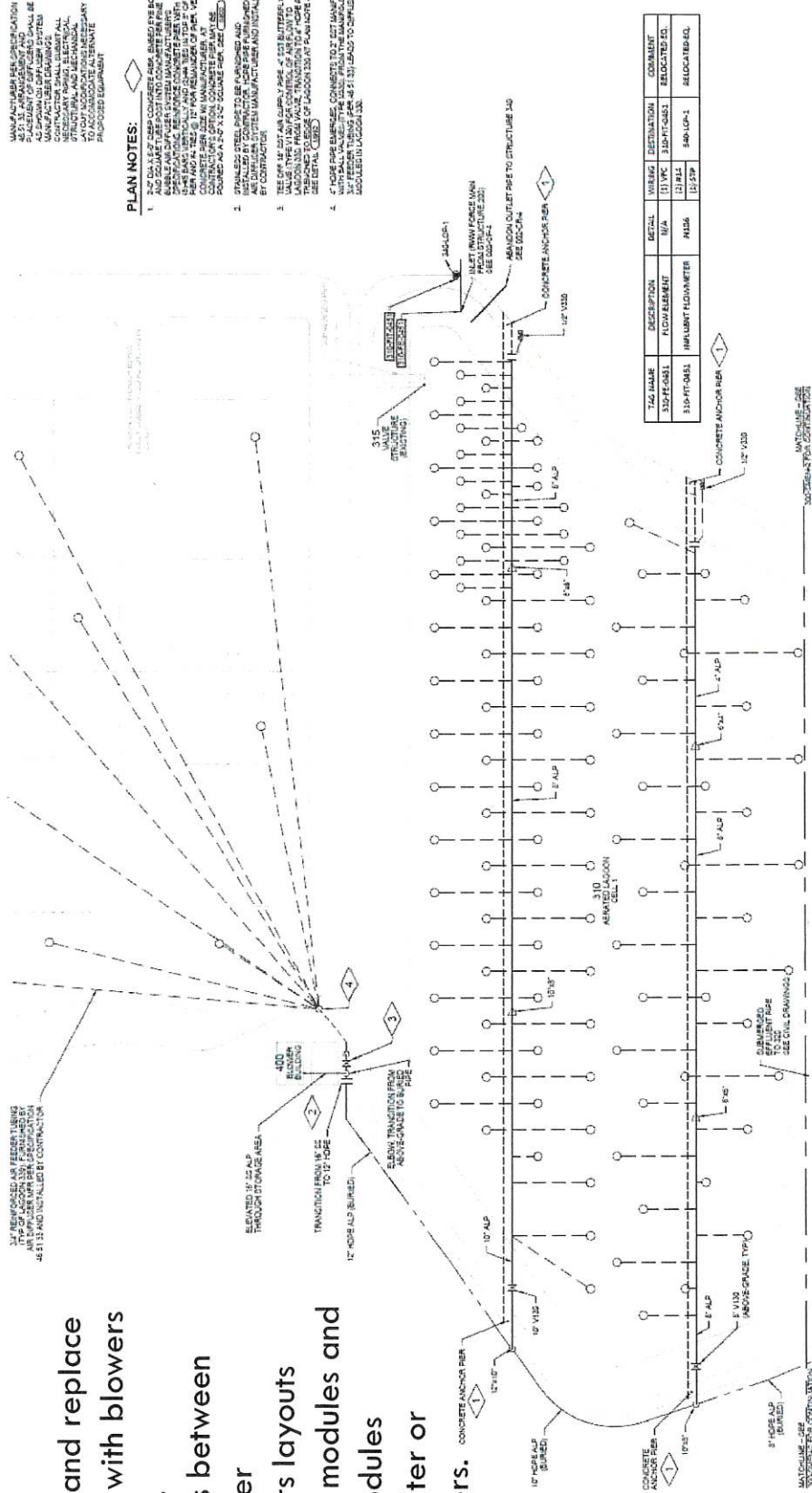
# Concept – Splitter box

- Build splitter box on influent sewer with a weir to separate excess flow from normal flow
- Two submersible lift stations – normal flow path and excess flow path



# Lagoon Aeration

- Clean out sludge and replace floating aerators with blowers and diffuser grid.
- Compare blowers between Aerzen and Kaeser
- Compare diffusers layouts between floating modules and floor mounted modules
- Design a FRP shelter or canopy for blowers.



MANUFACTURER RECOMMENDATION AS TO AIR FLOW RATE AND AS TO AIR FLOW RATE SHALL BE OBTAINED FROM THE MANUFACTURER OF THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY ELECTRICAL INFORMATION FROM THE MANUFACTURER OF THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY INFORMATION FROM THE MANUFACTURER OF THE EQUIPMENT.

- PLAN NOTES:**
1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
  2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
  3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
  4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

TAG NAME	DESCRIPTION	DETAIL	DESTINATION	COMMENT
310-PT-051	FLOWMETER	N/A	310-PT-051	RELOCATED TO
310-PT-051	FLOWMETER	N/A	310-PT-051	RELOCATED TO

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# Clarifier

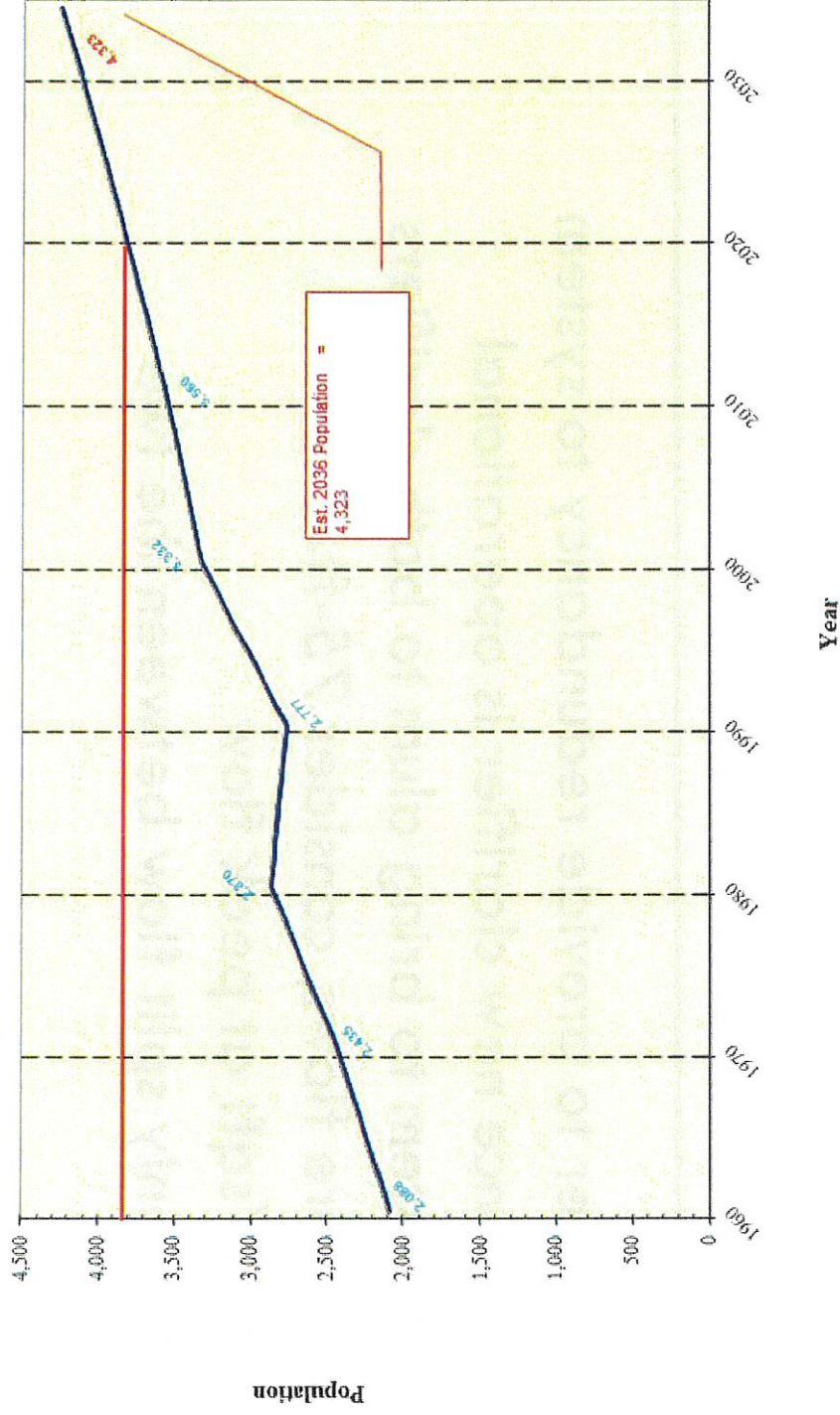
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- Construct a second clarifier to provide redundancy to system
- Repair existing clarifier once new clarifier is operational
- Modify chemical feed system to bring alum to both clarifiers
- Size new clarifier for future flows, consider 75-ft diameter
- Design for 600 gal/day/sqft at peak flow
- Design splitter box to evenly split flow between the two



# Future Growth & Permits

- 2020 Census Pop. 3,512
- 2036 estimated Pop. 4,323 (theoretical growth)
- Actual growth has been steady to trending slightly negative
- This equates to 228 new single family homes added based on 2.75 people / home.
- Consider raising DAF to 0.95 MGD and its impacts
- Consider future Ammonia Removal – Lemna Covered Lagoon vs SAGR process



# IEPA Loan Program

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## Water Pollution Control Loan Program

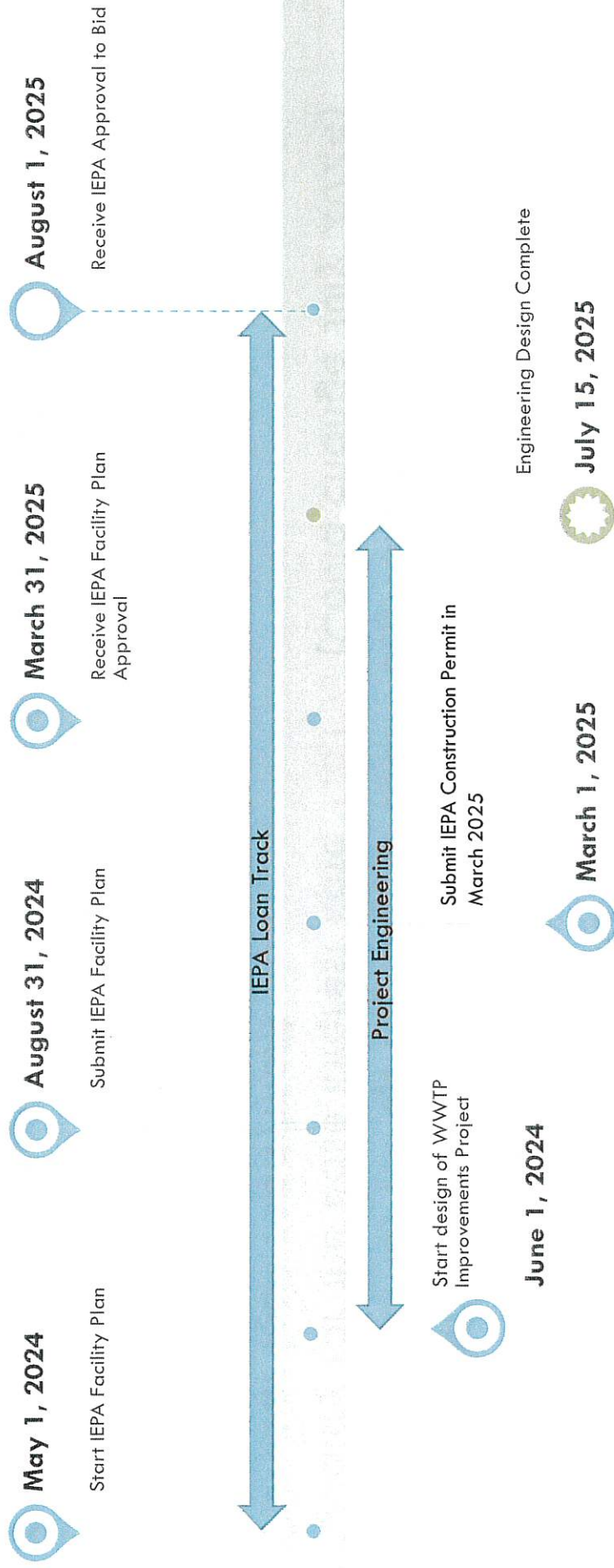
- Le Roy qualifies for up to 15% of Loan Forgiveness
- Qualify for the Base Interest Rate **1.81%** (Could change July 2024)
- 20-year loan repayment
  - IEPA is changing rules to allow 30-year repayments – Sometime 2024

## Application Timing

- Submit Facility Plan by August 31, 2024
- Categorical Exclusion or PEID Hearing February 2025
- Submit Loan Application by March 31, 2025 to score higher
- Facility plan approval by March 31, 2025
- Intended Use Plan Released in July, 2025



# WWTP Improvements Project Milestones



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