

COUNCIL WORK SESSION MINUTES

July 30, 2020 – 4:00 p.m.
City Hall (via video conferencing)

A Council work session was held via video conferencing to discuss the following issues: 1) COVID-19 update; and 2) Schneider Electric – next phase.

Attending: Mayor Bill McMurray and Councilmembers Brenda Blessing, PJ Kovac, Russell Moore, Brian Myers, Marty Novak and Kent O'Dell.

Chris Connally, Interim City Manager; Debra Bradley, Health Director; Amy Cohorst, Human Resources Director; Tom Mahoney, Interim Administrative Services Director; Chuck Kempf, Parks, Recreation & Civic Facilities Director; Andy Clements, Public Works & Transportation Director; Eddie Leaverton, Supt. Of Water Protection Facilities; Benjamin Hartman, Interim Technical Services Manager/Water Protection Division; Mary Robertson, Asst. to the City Manager/Communications & Public Relations Manager; Paul Flury, Network Administrator; Ed Schilling, Multimedia Planner; Dawn Lanning, Systems Support Specialist; and Paula Heyde, City Clerk.

The south end flooding event that occurred on July 20 was discussed - Kylee Strough, President of United Way of Greater St. Joseph, gave an update on the relief efforts to date.

Mayor McMurray said he has not heard back from Governor Parsons. There doesn't appear to be any help from SEMA and our legislative delegation is not able to change that. The best SEMA could do was suggest an SBA loan or go to social service agencies.

Andy Clements, Public Works & Transportation Director, said the Contrary Creek is owned by the individual property owners that it goes through and it's their responsibility to maintain it.

Councilmember Marty Novak urged Councilmembers to call the Governor's office and ask them to respond to Mayor McMurray's letter. The phone no. is 573-751-3222. Councilmember Kent O'Dell encouraged residents affected and others to also call the Governor and other officials in Jefferson City.

Agenda Item #1 – COVID-19 update. Dr. Gary Clapp, Associate Chemistry Professor at Missouri Western State University, reviewed his graphs on "7 Day Average - July 29," "10 Day Average - July 29," "14 Day Average - July 29," and "Cases per Day Since 5/28" and said we're averaging about five new cases per day and holding steady at that number aside from a few small spikes.

Mary Robertson, Asst. to the City Manager/Communications & Public Relations Manager, said currently there are nine individuals in the hospital and one is on a bipap.

Debra Bradley, Health Director, addressed the spike of 15 cases.

The following individual spoke from the City Hall lobby: Vanessa Stewart, 119 N. 15th St., said we need to be wearing masks and urged the Council to make masks mandatory when in public.

Agenda Item #2 – Schneider Electric – next phase. Schneider Electric representatives Peter Hinkle, Midwest Team Leader; Drew Sebelius, Project Development Manager; and Quent Mather, Wastewater Project Development Manager; gave a power point presentation on “Phase II: Wastewater Treatment Plant” (copy attached).

Andy Clements, Public Works & Transportation Director, said the Council will consider a resolution for this project in August.

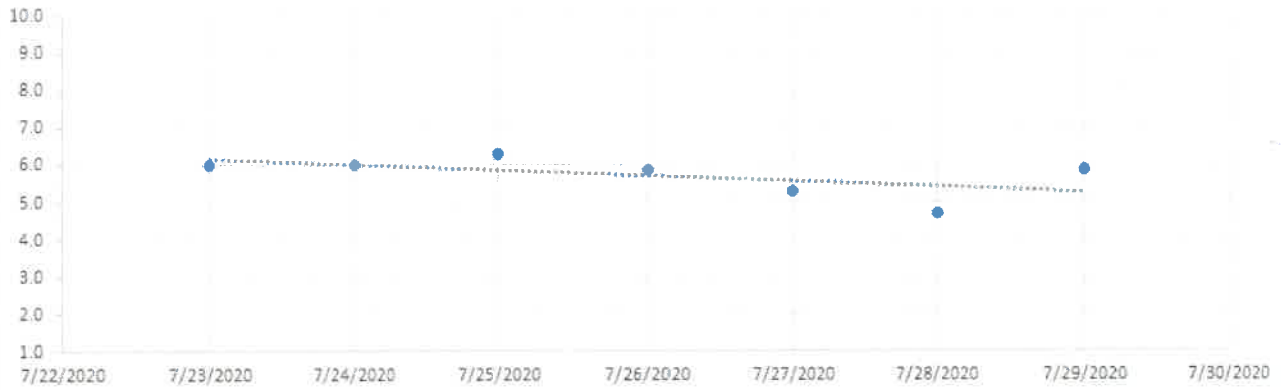
The meeting adjourned at 4:52 p.m.



Minutes transcribed by Paula Heyde, CMC, City Clerk.

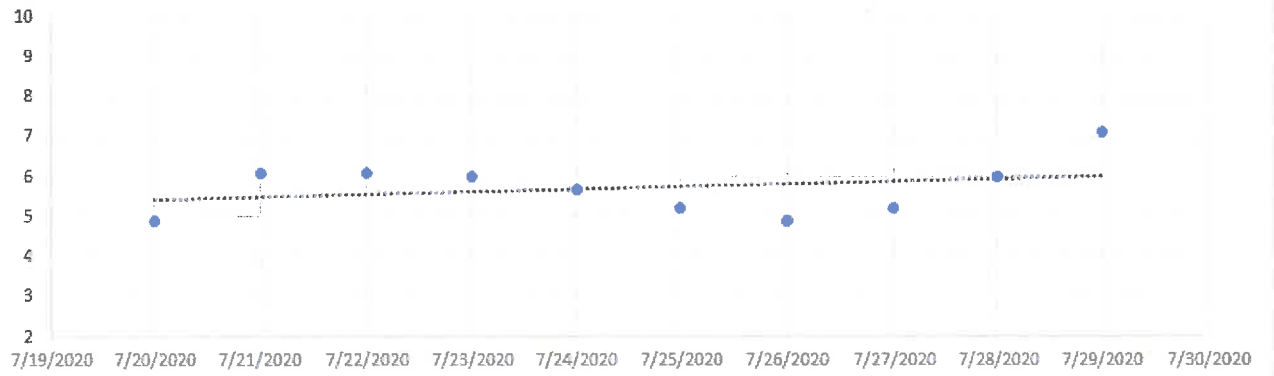
7 day Average - July 29

$$y = -0.1429x + 6296.9$$
$$R^2 = 0.3333$$



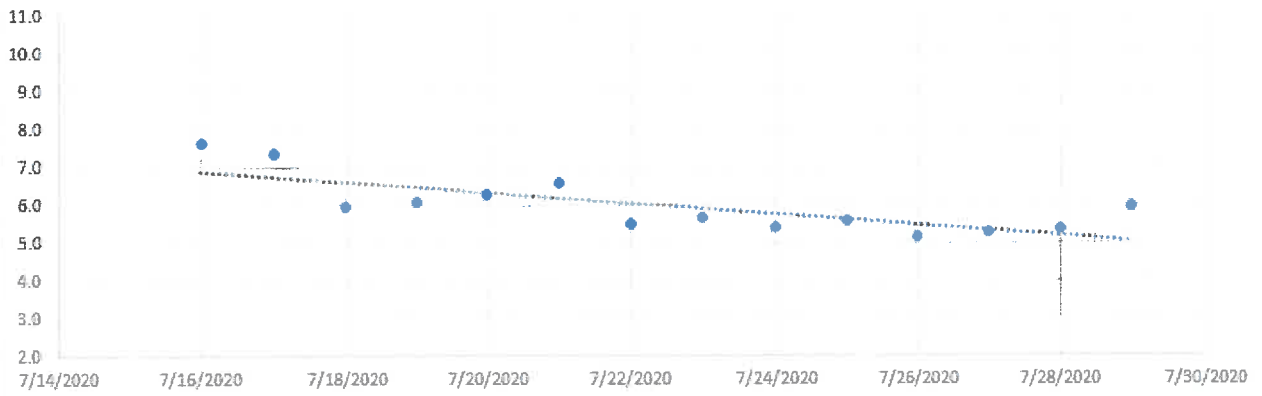
10 Day Average - July 29

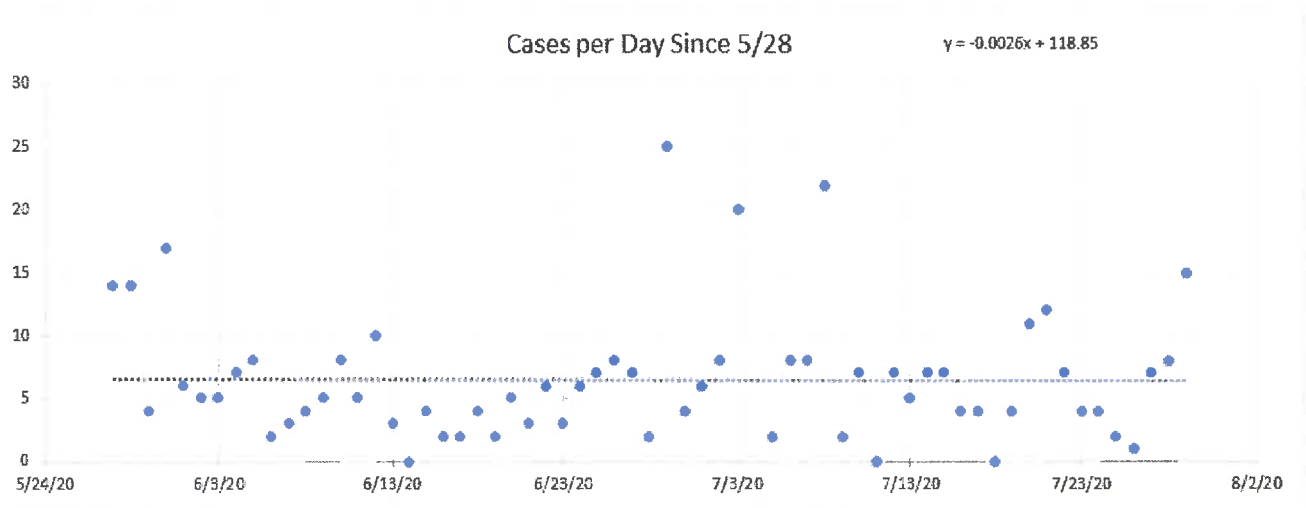
$y = 0.0655x - 2876.7$
 $R^2 = 0.0834$



14 Day Average - July 29

$$y = -0.1394x + 6144.5$$
$$R^2 = 0.5891$$







Phase II: Wastewater Treatment Plant

Investment Grade Audit – Energy Savings & Capital Recovery Program

Peter Hinkle, Midwest Team Leader, Schneider Electric
Drew Sebelius, Project Development Manager
Quent Mather, Wastewater Project Development Manager

Capital Recovery and Reinvestment

What does it mean?



Identify and capture opportunities for energy and operational savings across the City of St. Joseph



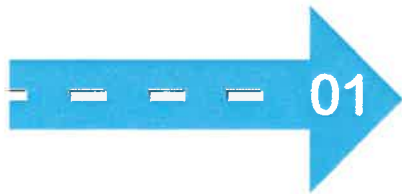
Reinvest those savings back into tackling infrastructure priorities and modernizing your infrastructure, with little to no impact on your current budget.



Guaranteed savings and a turnkey solution make it simple and provide peace of mind.

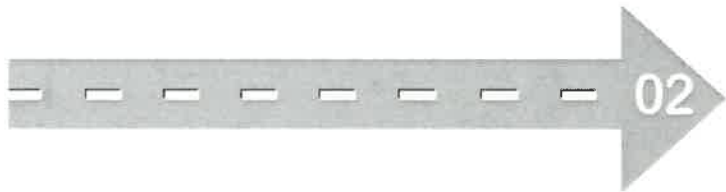
Design-Build Approach with a Performance Guarantee

Schneider Electric acts as engineer, prime contractor and partner throughout the life of the project



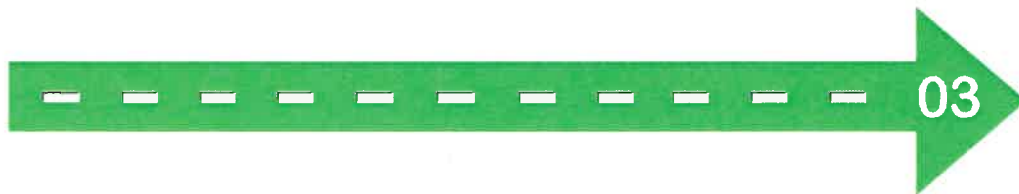
IGA: Engineering & Design

Development of a turnkey scope of work to fully optimize the use of renewable natural gas and improve the efficiency of the treatment process



Construction Management

Guaranteed maximum price with no change-orders through our professionally managed installation period



Ongoing Performance

We will continue to provide ongoing measurement and verification of cost savings with a performance guarantee similar to Phase I

Phase II: Mechanical Scopes

- Identified equipment in need of replacement due to age or operational issues
- Building use changes impact the type of equipment necessary within the space
- Integration into the city's building automation system



Phase II: Treatment Process Scopes

Criteria to Consider

- Age of equipment and potential need to replace
- Permitting or process changes that make improvements necessary for future regulations
- Energy, operational or capital savings by completing these projects
- Revenue component for onsite generation



Phase II: Optimization of Renewable Natural Gas (RNG)

Optimized Biogas Utilization

- Install necessary gas conditioning, piping, and ancillary equipment necessary to offset natural gas currently purchased from the utility with biogas from the anaerobic digesters.
- Maximize gas production and improve overall RNG process through upgrades to digesters



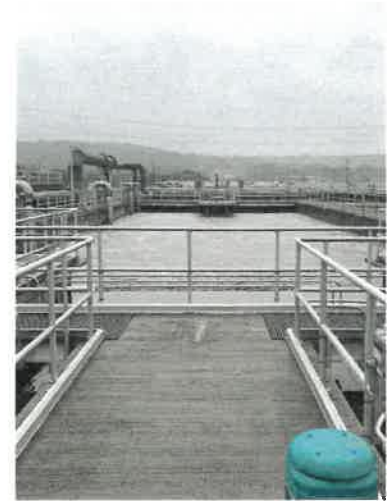
Anerobic Digester Mixer Replacement

- Replace aged mixing system in the anaerobic digesters with a new, high solids energy efficient mixing system, which will increase biogas production.

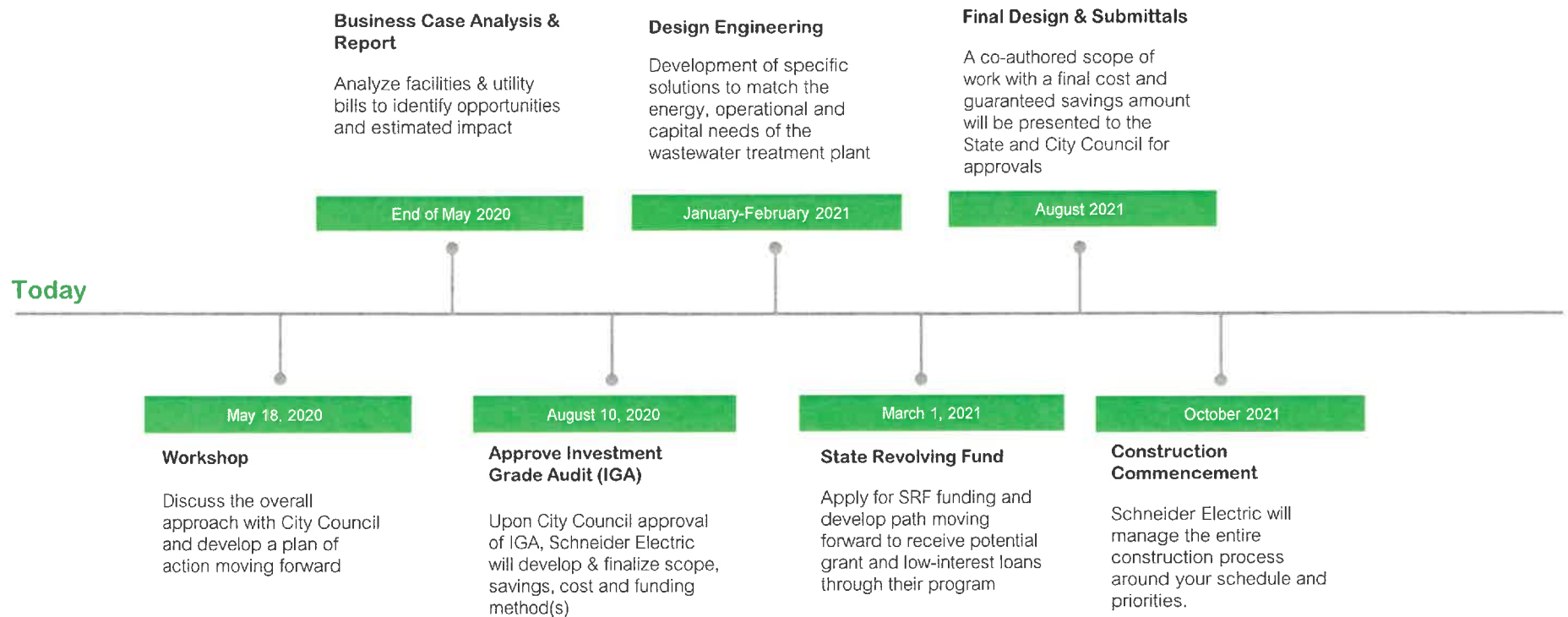
Phase II: Process Efficiencies

Industrial & Domestic Aeration Optimizations

- Install nitrification, denitrification, and solids retention time controls on both aeration trains and install two high-speed turbo blowers in the Domestic train, resulting in energy savings and improved process control.



Phase II: Project Roadmap



Continued Partnership



Investigate Solutions via IGA



Collaborate with City Staff on Solutions



Leverage Savings & SRF Loans



Finalize Construction Plan

