



## TriCo Regional Sewer Utility

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### **CAPITAL & CONSTRUCTION COMMITTEE MEETING**

Monday, May 3, 2021 at 4:30 P.M.  
7236 Mayflower Park Drive, Zionsville, IN 46077

#### **AGENDA**

1. Public Comment
2. Dedications
3. Surplus Equipment & Generator Sale
4. EDU study update
5. Capital Project Updates
6. Other Business

Next Scheduled C&C Meeting: Monday, June 7, 2021 at 4:30 pm



## MEMORANDUM

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**To:** Capital and Construction Committee

**From:** Wes Merkle

**Date:** April 28, 2021

**Subject:** Dedications

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Crossfields sanitary sewers are complete and ready for dedication. The Crossfields gravity sewers were originally private and only served part of the neighborhood. Staff worked with property owners to secure easements, bill of sale, and reimbursement for needed repairs that have been completed by TriCo. This sewer system is separate from the low pressure mains installed in 2019 that serve the rest of the neighborhood.

Lamb Property Low Pressure Sewer, and Zotec Investments LLC Tech Village are also complete and ready for dedication.

Staff recommends acceptance of these sewers.

Recommended Action: Accept the dedication of Crossfields, Lamb Property Low Pressure Sewer Main, and Zotec Investments LLC Tech Village sanitary sewers.



## MEMORANDUM

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**To:** Capital and Construction Committee

**From:** Wes Merkle

**Date:** April 28, 2021

**Subject:** Surplus Equipment

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By late-May crews expect to complete installation and startup of the new plant generator, automatic transfer switch, and motor control center gear. The existing plant generator will then be taken offline and prepared for sale and removal from the site. Staff requests the Committee and the Board declare the generator and related equipment as surplus upon its decommissioning. Staff will then begin the bidding process to sell the generator.

Recommended Action: Declare the existing plant generator and related equipment as surplus equipment contingent upon completion of decommissioning as determined by staff.



## MEMORANDUM

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**To:** Capital and Construction Committee

**From:** Wes Merkle

**Date:** April 28, 2021

**Subject:** EDU Study Update

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The C&C Committee requested staff update growth projections for our service area earlier this year. Projections were last updated in late 2019. Staff will present findings at the May 3 meeting.



## MEMORANDUM

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**To:** Capital and Construction Committee

**From:** Wes Merkle

**Date:** April 28, 2021

**Subject:** Capital Project Updates

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The following updates are provided for ongoing capital projects. Please refer to the Capital Project Fact Sheets for background information on individual projects.

1. #1802 – Haver Way Sewer Improvements (located southwest of Keystone and 96<sup>th</sup> Street)

Sewers are complete and in service. Remaining work includes restoration, paving, testing and cleanup.

2. #1902 – TriCo WRRF Expansion

In the pretreatment building troubleshooting continued on installation of two new screens and a new compactor/conveyor, which are not performing acceptably. It was not built or installed correctly. The manufacturer and local rep were notified and continue to work on a solution. The top slab of the grit structure was poured; one concrete pour remains to complete that structure. A masonry crew completed repairs to the pretreatment building façade. VLR work continues: grinding and patching concrete, backfilling, and pouring remaining reinforced concrete walkways. Once cleanup is complete then equipment installation can begin.

Equipment installation work continued in the three new clarifiers. Electricians installed a temporary transfer switch for use over the next month while they remove old gear and install the new permanent automatic transfer switch, MCC gear, and finish wiring for the new generator. Electrical gear installation continued in the new RAS/WAS pump building. Crews continued installation of a 30" mixed liquor line and new RAS force mains towards the Orbal oxidation ditch. They also started installation of the 36" effluent line near the UV structure.

UV equipment was installed however the contractor and manufacturers rep did not fully check out the equipment which resulted in multiple system failures. Completion of this equipment installation was due mid-March, two weeks before disinfection requirements began, and we are still waiting for issues to be addressed. Chemical feed pumps and piping installation should be online shortly after lacking coordination with plant staff and troubleshooting by the construction team.

Quality, communication, experience, organization and integrity need dramatic improvement on this project. Thieneman's troubles are compromising plant operations and consuming excessive amounts of staff time. We recently met with Thieneman leadership to discuss concerns and expectations, and we are hopeful changes will be made to quickly turn things around.

3. #1906 – Eagle Creek Outfall Sewer Expansion (located between TriCo WRRF and Eagle Creek to the west)

Sewers are complete and in service. Remaining work includes testing and restoration.

4. #1911 – Lift Station 11 Pump and Control Panel Replacement

Work at the site is complete and new equipment is operational. The pump manufacturer's representative will conduct training with Collections staff at our shop.

6. #2002 – Lift Station 2 (106<sup>th</sup>/Spring Mill Road) Odor Control System Replacement

Staff is waiting for the contractor to begin work. Completion is expected by the end of June.

7. #2004 – Lift Station 1 (99<sup>th</sup>/Keystone) Repairs

The new generator has been installed. Startup, testing, and staff training will be complete shortly.

8. #2101 – Little Eagle Creek Interceptor Extension

Staff continued working with area property owners to secure access for surveying as well as needed easements. Little progress on site survey and design was made. Zionsville may rezone property in part of the area to be served, which will be at odds with proposed development.

9. #2102 – Lift Station 16 Reconstruction

No update this month. Staff plans to issue a request for proposals to engineering firms for design services when development at Michigan Road and Sycamore Street moving forward.

10. #2103 – Long Brook, Bridlewood & Countrywood Sewer Extension

Design is nearly complete. GRW will submit plans for permitting shortly. Bids for construction will be received late May and presented to C&C and the Board in June. Staff will send letters to property owners regarding project status. If we proceed with construction, sewers should be complete and in service this fall.