



## Clay Township Regional Waste District

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### **Board of Trustees Meeting Agenda**

**Monday, June 11, 2018 @ 7:00 p.m.**

**Clay Township Government Center**

**10701 N. College Avenue, Indianapolis, IN 46280**

- 1. Roll Call**
- 2. Public Hearing**
  - a. Ordinance 5-14-2018 - District wide schedule of fees and monthly user rates
- 3. Public Comment**
- 4. Memorandum, Board Meeting May 14, 2018**
- 5. Approval of Claims Docket**
- 6. Attorney's Report**
- 7. Utility Director's Report**
- 8. Committee Reports**
  - a. Budget & Finance Committee
    - i. Second Reading Ordinance 5-14-2018 - District wide schedule of fees and monthly user rates
  - b. Personnel & Benefits Committee
  - c. Capital & Construction Committee
    - i. IDEM Application Withdrawal
- 9. Old Business**
- 10. New Business**
- 11. Adjourn**



## BOARD OF TRUSTEE MEETING

Monday, May 14, 2018 at 7:00 P.M.  
Memorandum

### **ROLL CALL**

Present: President Marilyn Anderson, Vice President Steve Pittman, Treasurer Jane Merrill, Secretary Michael McDonald, members Barb Lamb, Chuck Ford, Eric Hand, Carl Mills and Mike Shaver. Others in attendance were Utility Director Drew Williams, Legal Counsel Anne Poindexter, District Engineer Ryan Hartman, Controller Cindy Sheeks, Plant Superintendent Scot Watkins and Administrative Assistant Maggie Crediford

Ms. Anderson called the meeting to order at 7:02 p.m.

### **PUBLIC COMMENTS**

There was no one from the public present at the meeting.

### **APPROVAL OF MEMORANDUM**

Mr. McDonald commented on the Budget and Finance meeting memo. He wanted to be sure that the board members understood that the intent of his recommendation was to have the initial \$3000 IT Risk Assessment done by Rook Securities. The Staff's IT Department with the assistance of Mr. McDonald could pare down any additional services needed to fit the needs of the District. He had concerns that from reading the meeting memo, Board Members would conclude that he had suggested that the District have an in-house individual with forensic expertise on staff. Which is not needed. Mr. McDonald emphasized that when looking at the proposal the District would want to pick and choose the services offered, that all the proposed services are not needed.

Mr. Ford made a motion to approve the memorandum from the April 9, 2018 Board of Trustee Meeting. The motion was seconded by Ms. Merrill and approved unanimously.

### **CLAIMS DOCKET**

Ms. Sheeks stated that there were no Capital Expenses. The claims are regular monthly operating expenses.

Ms. Merrill made a motion to approve the Claims Docket. The motion was seconded by Mr. Mills and approved unanimously.

### **ATTORNEY'S REPORTS**

Mrs. Poindexter updated the Board on the service request for the Byrum property. Mr. Byrum attended the Capital & Construction Committee meeting in May. Mrs. Poindexter was going to contact the legal counsel for Citizens. Citizens contacted Mr.

Williams within a couple of days of the Committee Meeting and their response didn't totally line up with Mr. Byrum's presentation at the meeting. She suggested that the Board instruct her to contact legal counsel for both Mr. Byrum and Citizens to let them know that if they reach an agreement regarding service for the property that they would like CTRWD to consider then District would be happy to have them come back to make a presentation. The CTRWD Board would hear their presentation and take a joint request under consideration at that time.

Mr. Ford made a motion to ask Mrs. Poindexter to contact legal counsel for both Clark Byrum and Citizens and let them know that if they come to a joint agreement regarding service for Mr. Byrum's property that the CTRWD Board would be willing to listen to a presentation and take a proposal under consideration. The motion was seconded by Mr. Shaver and approved unanimously.

### **UTILITY DIRECTOR'S REPORT**

Mr. Williams told the Board that the District received approval from IDEM to move forward with a name change. Clay Township Regional Waste District will now be known as TriCo Regional Sewer Utility. The objective now is to put everything in place to make the transition on July 1<sup>st</sup> in time for CarmelFest which is one of the District's most visible public events. The staff will prepare PR pieces to distribute to customers. Ms. Lamb asked if there are any graphics worked up yet. Mr. Williams said that the Staff is working on the logo. The thought is to keep the current logo during the transition and just change to the updated name. Jeff Martin has come up with several more artistic logos that will be presented later. The hope is not to shock customers to the point where they don't recognize the organization.

Mr. Ford asked Mrs. Poindexter what needs to be done legally as the process moves forward with the consolidation of Clay Township and the City of Carmel for TriCo Regional Sewer Utility to maintain its independence? Mrs. Poindexter stated that the only issue directly with any plan for reorganization is where all the appointments go and who exercises them. TriCo Regional Sewer Utility is an independent governmental agency. If the Board has a concern as to where or who will be assigned the appointments in the government reorganization plan, then members could volunteer input into the plan as it develops. The only other things that can be done is to petition IDEM to change your Order, either to reallocate existing appointments or to expand the Board to give more representation to Boone County or Zionsville on the Board. Mr. Ford asked how the Board would need to move forward. He stated that he would like to see the Board expanded to include more representation from Boone County and Zionsville. He doesn't believe that the selection of Board members should be left open ended. TriCo Regional Sewer Utility should have some say in where the appointments go and not just have them decided by the consolidation without any representation. Ms. Anderson stated that suggestions can be taken under consideration. She suggested funneling any suggestions from the Board Members to Mr. Williams, who could put together a list of ideas of what can be done. She said there may be other options the Board could entertain as well. Mr. Ford asked for a time table on the issue. He said he would like the Board to have a recommendation

regarding the future makeup of the Board by September. Mr. Williams stated that at the last Township Board Meeting he and Ms. Anderson made a short presentation on who the District is and what we do. He thanked them for their great appointments over the years because they appoint five of the CTRWD Board members. He showed them the District's financials and showed them the service area. It opens the door for the appointees from this Board to talk to their own appointing members from the Clay Township Board. Ms. Anderson said that if Board members have ideas on how to handle concerns regarding the consolidation between Clay Township and the City of Carmel they should be directed to Mrs. Poindexter.

Ms. Anderson commented on the CTRWD Monthly Newsletter. She asked about an issue at the plant with FedEx employees throwing stolen packages over the fence onto CTRWD property and then coming back later to cut the fence and retrieve the stolen merchandise. Has there been any progress made with stopping it? Mr. Williams stated that the District has had to repair the fence line a few times where FedEx employees have cut through it to retrieve stolen packages. Staff has talked with FedEx about putting up a double fence wall to keep their employees away from the Plant's fence line. Ms. Lamb asked if FedEx has cameras at their facility. Mr. Williams stated that they have them around the building but not at the fence line. Mr. McDonald asked if the District could install a camera to deter them from throwing packages over the fence. Mr. Williams said that the Plant also has cameras around the building but nothing at the fence line. The addition of a camera could be looked into. The problem is getting the Zionsville Police Department and FedEx to arrest or press charges on individuals who are caught. Mrs. Poindexter suggested that if there were a picture of the perpetrator, the Zionsville Police and FedEx might be more interested in pursuing them.

Ms. Anderson stated that regarding the Williams Creek Manor Project, a neighbor of hers knows two residents in that neighborhood and took Ms. Anderson over because of a Master Gardner plant event. Three different neighbors commented that they are really pleased with how the installation went. They expressed that you can't tell where the lines were installed. They were really pleased with the sewer service going into the neighborhood.

Ms. Anderson complimented Mr. Watkins on annual safety awards, high scores and laboratory audits conducted. She noted the record rainfall listed in the Collections Report and commended the staff for not having any issues in handling the flow during rain events.

Mr. Williams stated that the Collections and Plant Staff have the Operators Challenge coming up next Tuesday to compete to possibly win the State and travel to New Orleans to compete.

Mr. Ford asked Mr. Williams where the District stands on developing a PR package. It was discussed a couple of months ago to develop and distribute to potential customers a brochure explaining the services provided by the District and what the

connection costs are. Mr. Williams stated that a two-page brochure was sent to the three most recent subdivisions where service was extended, it can be revised based on the decision to charge based on the amount of acreage so specific fees can be stated instead of a range. An update can be made and shared with the Board before it is sent out. Once a project is done and potential customers are sent the notice that they can hook up that we send them additional information about the benefits. Mr. Ford asked if that would be something that could be included in the CarmelFest handouts. Mr. Williams said it is. Mr. Shaver asked if the two-page handout that was sent to the property owners for the last three projects was distributed with the Board. Mr. Williams stated that what was sent to property owners was a letter with a fact sheet about sewers and the cost to the neighborhoods that we were going to service. Mr. Shaver asked Mr. Williams to provide the Board Members with a copy of those letters and fact sheets. Mr. Williams said he would provide those to the Board. Mr. Pittman asked if when the fact sheets and letters were sent to the property owners what type of response Staff received from them. Mr. Hartman stated that out of 50 letters 2 people called and they are interested in the service. Ms. Merrill clarified that the letters only went to neighborhoods that the Board had approved service to. Mr. Hartman confirmed that was correct, the letters only went out to approved projects that were moving forward.

#### **BUDGET & FINANCE COMMITTEE**

Ms. Merrill stated that having Mr. McDonald on this committee is extremely helpful with his IT knowledge. She asked if there was anything he needed to add to his comments from the beginning of the meeting regarding the memo. Mr. McDonald stated that he just wanted to clarify the intent of his recommendation. He had looked at the three proposals presented to the Staff, he agreed with the Staff's position that Rook Consulting is the right organization to be working with as opposed to a firm that wasn't local or contracted people to work on the project who are not local. Part of Rooks proposal was a \$40,000+ cyber security audit that would have assessed the District for things like forensics and different components of the whole security frame work of which we don't need a fraction of. The District needs to cherry pick what they want them to asses and help scale the project to meet our needs. He supports moving forward with the \$3000 initial assessment by Rook. Mr. Pittman asked Mr. McDonald if Rook is a company he is familiar with. Mr. McDonald stated that he doesn't know them directly, but he has had a lot of input from people that Rook is the place in town for cyber security professionals.

Ms. Merrill stated that the main item on the Budget and Finance Agenda is the Rate Ordinance. The Board will have the first reading of that Ordinance at this meeting. Ms. Anderson read aloud, "Ordinance 05-14-2018, an Ordinance establishing District Wide Schedule of Monthly User Rates, Late Fees, Connection Fees, Interceptor Fees, Application Fees, Reinspection Fees and Charges to be collected when owners of property served by the sewage works of the District and matters connected there with. Replacing Ordinance 05-08-2017 A, 08-08-2016 A and Ordinance 12-12-2016." It includes a 5% increase of the treatment rate, base rate and connection fee. Ms. Merrill stated that she felt the memo captured the discussion very well that the Committee

had at the meeting. The three committee members attended that meeting along with Mr. Shaver, and Ms. Anderson. Rick Sharp, a candidate for the Hamilton County Council, gave comments as well.

Ms. Merrill made a motion to approve the first reading of Ordinance 05-14-2018 and requested it be advertised and scheduled for a public hearing in June. The motion was seconded by Mr. McDonald and was approved unanimously.

#### **PERSONNEL & BENEFITS COMMITTEE**

Ms. Lamb stated that the Personnel and Benefits Committee had no action items in the month of April.

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

Mr. Pittman stated that project #1702 96<sup>th</sup> Street and Keystone Sewer Relocation contract award is before the Board. It was not discussed at the Capital and Construction meeting. Mr. Hartman provided a handout to the Board of the bids for the #1702 96<sup>th</sup> Street and Keystone Sewer Relocation Contract. There were three bidders: Eagle Valley came in with the low bid of \$240,560. Staff received a letter today from the City of Carmel approving the District to go forward with the award of this project. Splitting out the contract amount, Carmel's portion of the construction costs is \$102,124.50, the cost to the District would be \$138,435.50. The overall award tonight would be to Eagle Valley in the amount of \$240,560. Ms. Merrill asked if there was an explanation for the wide range between the three bids. Mr. Hartman stated that while there were five total plan holders, the large gap in the range of bids received is probably due to the amount of work that is on the streets right now. Gradex is a sub to Rieth-Riley who has been awarded the Keystone Project. Maybe Gradex's numbers were so high hoping they would be given the work since they will be onsite anyway. The Engineer's estimate was \$253,000. The low was below the Engineer's estimate for the project. Mr. Williams stated that the District has used Eagle Valley before on previous projects. Mr. Ford asked where Eagle Valley is from. Mr. Hartman stated that they are located on the northwest side of Indianapolis. Mr. Hand questioned the wording that states Carmel will reimburse Clay Township Regional Waste District for the gravity sewer portion. He asked if relocation of the force main is reimbursable if it is needed. Mr. Hartman stated that the force main is in right-of-way, whereas the gravity sewer is in an easement, so Carmel is reimbursing the District for the relocation of the portion in the easement. Mr. Hand asked if the District must buy the easement outside of the right-of-way. Mr. Hartman stated that Carmel has acquired the easement and the gravity sewer and force main will be in the same easement.

Mr. Pittman made a motion to award the 96<sup>th</sup> Street and Keystone Sewer Relocation Project to Eagle Valley in the amount of \$240,560. The motion was seconded by Mr. Mills and approved unanimously.

Mr. Shaver stated that he would like to have the minutes from the Capital and Construction minutes amended to include comments that Mr. Clark Byrum made at that meeting regarding his desire to obtain sewer service. Mr. Byrum stated at that

suggested to him that if he wanted to connect he would make his own life easier if he made provisions in that negotiation for easements to get across so that he can get to our system. He believes that would help with any questions in the future if the easements are not there. Mr. Williams stated that the revision would be made. Mrs. Poindexter stated that the Board doesn't technically approve the Committee Meeting Minutes, but if the Board would like to add time at the beginning of each Committee Meeting to discuss the previous months minutes they can do that. Committees don't take actions, they make recommendations for the full Board to act on. Committee memos are informational only, so she feels the Committee controls its own memo, they can be corrected as suggested and the Committee can make that correction.

### **OLD BUSINESS**

There was no Old Business.

### **NEW BUSINESS**

There was no New Business.

### **ADJOURN**

Ms. Merrill made a motion to adjourn the meeting. Mr. Pittman seconded the motion it was approved unanimously, and the meeting adjourned at 7:42 p.m.

The next Board of Trustees Meeting is scheduled for Monday, June 11, 2018 at 7:00 p.m.

Respectfully submitted,



Andrew Williams  
Utility Director

Approved:

\_\_\_\_\_ as Presented  
\_\_\_\_\_ as Amended

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Michael McDonald, Secretary

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Marilyn Anderson, President



# Clay Township Regional Waste District

www.ctrwd.org Phone (317) 844-9200 Fax (317) 844-9203

## BOARD OF TRUSTEES MEETING

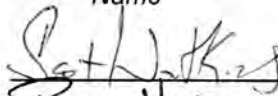
Clay Township Government Center

May 14, 2018

Please sign in:

Name

Address

  
RYAN HARTMAN

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Clay Township Regional Waste District  
Register of Claims  
For the period 5/15/18 - 6/6/18

| Payment date | Payment number | Bank name | Payee name                       | Amount      | Amount Allowed | Description                                     |
|--------------|----------------|-----------|----------------------------------|-------------|----------------|---|
| 5/15/18      | 11496          | Operating | Michael Foote                    | \$175.00    | \$175.00       | Traffic control 5/14/18                         |
| 5/16/18      | 11497          | Operating | Andrew Williams                  | \$1,000.00  | \$1,000.00     | Training fees                                   |
| 5/18/18      | 11498          | Operating | Matt Starr                       | \$32.70     | \$32.70        | Mileage - Call out                              |
| 5/23/18      | 11499          | Operating | AFLAC                            | \$535.00    | \$535.00       | Insurance                                       |
| 5/23/18      | 11500          | Operating | AT&T Mobility                    | \$905.50    | \$905.50       | LS Cell phones                                  |
| 5/23/18      | 11501          | Operating | Carmel Utilities                 | \$1,003.34  | \$1,003.34     | Sewer cleaning                                  |
| 5/23/18      | 11502          | Operating | Carmel Utilities                 | \$26.55     | \$26.55        | LS 26   |
| 5/23/18      | 11502          | Operating | Carmel Utilities                 | \$13.06     | \$13.06        | LS 2  |
| 5/23/18      | 11503          | Operating | Citizens Energy Group            | \$120.74    | \$120.74       | Plant   |
| 5/23/18      | 11503          | Operating | Citizens Energy Group            | \$59.95     | \$59.95        | LS 17   |
| 5/23/18      | 11504          | Operating | Community Occupational Health S  | \$47.00     | \$47.00        | Testing fees                                    |
| 5/23/18      | 11505          | Operating | Kinetrex Energy                  | \$1,183.71  | \$1,183.71     | Natural gas                                     |
| 5/23/18      | 11506          | Operating | Maggie Crediford                 | \$50.00     | \$50.00        | Employee expenses                               |
| 5/23/18      | 11507          | Operating | Toshiba Business Solutions       | \$471.05    | \$471.05       | Service call - Admin copier                     |
| 5/23/18      | 11508          | Operating | Travelers                        | \$1,131.00  | \$1,131.00     | Workers Comp Insurance                          |
| 5/23/18      | 11509          | Operating | Commonwealth Biomonitoring Inc   | \$6,000.00  | \$6,000.00     | Effluent Toxicity                               |
| 5/23/18      | 11510          | Operating | Angela Krahulik                  | \$767.25    | \$767.25       | Refund-2986 Winterset                           |
| 5/24/18      | 11511          | Operating | AT&T Mobility                    | \$1,720.26  | \$1,720.26     | Cell phones                                     |
| 5/29/18      | 11512          | Operating | Carmel Utilities                 | \$13.06     | \$13.06        | LS 1  |
| 5/31/18      | 11513          | Operating | Megan Kesler Alam                | \$21.20     | \$21.20        | Refund-11166 Ruckle St                          |
| 5/31/18      | 11514          | Operating | Susan B or Richard Gates         | \$77.39     | \$77.39        | Refund-1014 Rosemont                            |
| 5/31/18      | 11515          | Operating | Ann Thompson                     | \$21.00     | \$21.00        | Refund-11513 Woodview Drive W                   |
| 5/31/18      | 11516          | Operating | William K Hiller                 | \$7.00      | \$7.00         | Refund-1397 N Claridge Way                      |
| 5/31/18      | 11517          | Operating | Dev A Brar/Homecare Provider     | \$18.27     | \$18.27        | Refund-12616 Pembroke Circle                    |
| 5/31/18      | 11518          | Operating | Jumsaf LLC                       | \$39.37     | \$39.37        | Refund-9765 Elm Dr                              |
| 5/31/18      | 11519          | Operating | Benito Varela                    | \$8.79      | \$8.79         | Refund-14210 Charity Chase Dr                   |
| 5/31/18      | 11520          | Operating | Melinda Miller                   | \$22.15     | \$22.15        | Refund-12986 Fleetwood Dr N                     |
| 5/31/18      | 11521          | Operating | Amy Dipaola                      | \$23.73     | \$23.73        | Refund-2478 Gwinnett                            |
| 5/31/18      | 11522          | Operating | Jonathan Sallade                 | \$27.51     | \$27.51        | Refund-557 Dorset Blvd                          |
| 5/31/18      | 11523          | Operating | Alexei Moskaenko                 | \$83.90     | \$83.90        | Refund-13671 Brookstone Dr                      |
| 5/31/18      | 11524          | Operating | Charles Wells                    | \$16.80     | \$16.80        | Refund-3790 Lattice Court                       |
| 5/31/18      | 11525          | Operating | Kim McMahan                      | \$31.92     | \$31.92        | Refund-1583 Gotland Dr                          |
| 5/31/18      | 11526          | Operating | Kathleen Martel                  | \$32.00     | \$32.00        | Refund-2624 Buckland St                         |
| 5/31/18      | 11527          | Operating | John Ausec                       | \$35.11     | \$35.11        | Refund-14414 Chariots Whisper                   |
| 5/31/18      | 11528          | Operating | Julie Costa                      | \$26.46     | \$26.46        | Refund-13849 Pinto Dr                           |
| 5/31/18      | 11529          | Operating | Ashley Evans Shelton             | \$49.83     | \$49.83        | Refund-1636 Norland Dr                          |
| 5/31/18      | 11530          | Operating | Juan Menegardo                   | \$60.87     | \$60.87        | Refund-1373 Midway Ct                           |
| 5/31/18      | 11531          | Operating | Steve Wang                       | \$59.16     | \$59.16        | Refund-517 Chauncy St                           |
| 5/31/18      | 11532          | Operating | Berkshire Hathaway IN Realty     | \$29.19     | \$29.19        | Refund-4800 Austin Trace                        |
| 5/31/18      | 11533          | Operating | George Kirtley                   | \$25.53     | \$25.53        | Refund-11206 Echo Crest Dr W                    |
| 5/31/18      | 11534          | Operating | Utility Supply Company           | \$314.18    | \$314.18       | Line maintenance                                |
| 6/5/18       | 11535          | Operating | Aaron Strong                     | \$30.00     | \$30.00        | May cell phone                                  |
| 6/5/18       | 11536          | Operating | Eric Luis Delacruz               | \$30.00     | \$30.00        | May cell phone                                  |
| 6/5/18       | 11537          | Operating | Indiana Dept. of Environmental M | \$30.00     | \$30.00        | Lewin - Treatment Plant Apprentice to Certified |
| 6/5/18       | 11538          | Operating | Jeffrey Martin                   | \$30.00     | \$30.00        | May cell phone                                  |
| 6/5/18       | 11539          | Operating | Joe Hood                         | \$27.25     | \$27.25        | Mileage 5/27                                    |
| 6/5/18       | 11540          | Operating | Kermin Huntley                   | \$30.00     | \$30.00        | May cell phone                                  |
| 6/5/18       | 11541          | Operating | Nathan Crowder                   | \$30.00     | \$30.00        | May cell phone                                  |
| 5/31/18      | 11542          | Operating | 4 All Promos                     | \$1,271.40  | \$1,271.40     | Promo items                                     |
| 5/31/18      | 11543          | Operating | Altman, Poindexter & Wyatt, LLC  | \$1,787.50  | \$1,787.50     | Legal fees                                      |
| 5/31/18      | 11544          | Operating | AT & T                           | \$591.91    | \$591.91       | Internet  |
| 5/31/18      | 11545          | Operating | Barbara Lamb                     | \$250.00    | \$250.00       | May board fees                                  |
| 5/31/18      | 11546          | Operating | Bee Green Lawn Care & Plant He   | \$85.00     | \$85.00        | Plant R & M                                     |
| 5/31/18      | 11546          | Operating | Bee Green Lawn Care & Plant He   | \$250.00    | \$250.00       | Plant R & M                                     |
| 5/31/18      | 11546          | Operating | Bee Green Lawn Care & Plant He   | \$85.00     | \$85.00        | Plant R & M                                     |
| 5/31/18      | 11547          | Operating | Bio Chem, Inc.                   | \$3,886.13  | \$3,886.13     | Biosolid removal                                |
| 5/31/18      | 11548          | Operating | BL Anderson Company, Inc.        | \$1,191.18  | \$1,191.18     | Plant R & M                                     |
| 5/31/18      | 11549          | Operating | Black Tie Courier                | \$300.00    | \$300.00       | Courier service                                 |
| 5/31/18      | 11550          | Operating | Bridgestone Hosepower, LLC       | \$1,332.78  | \$1,332.78     | Plant R & M                                     |
| 5/31/18      | 11551          | Operating | C&S Solutions, Inc               | \$3,596.30  | \$3,596.30     | Engineering fees                                |
| 5/31/18      | 11552          | Operating | Carl S. Mills                    | \$200.00    | \$200.00       | May Board fees                                  |
| 5/31/18      | 11553          | Operating | Carmel Utilities                 | \$78,666.03 | \$78,666.03    | May flows                                       |
| 5/31/18      | 11554          | Operating | Carmel Utilities                 | \$39.12     | \$39.12        | Stormwater fees                                 |
| 5/31/18      | 11555          | Operating | Charles Ford                     | \$100.00    | \$100.00       | May board fees                                  |

| Payment date | Payment number | Bank name | Payee name                          | Amount      | Amount Allowed | Description                            |
|--------------|----------------|-----------|-------------------------------------|-------------|----------------|--|
| 5/31/18      | 11556          | Operating | Clay Township Trustee               | \$3,952.18  | \$3,952.18     | May township fees                      |
| 5/31/18      | 11557          | Operating | Continental Research Corporation    | \$1,319.91  | \$1,319.91     | Plant R & M                            |
| 5/31/18      | 11558          | Operating | Continental Utility Solutions, Inc. | \$904.32    | \$904.32       | Travel Expenses                        |
| 5/31/18      | 11558          | Operating | Continental Utility Solutions, Inc. | \$2,800.00  | \$2,800.00     | Training fees                          |
| 5/31/18      | 11559          | Operating | DLZ Indiana, LLC                    | \$150.00    | \$150.00       | IU Parking lot expansion               |
| 5/31/18      | 11560          | Operating | Eco Infrastructure Solutions, Inc.  | \$658.78    | \$658.78       | LS Maintenance                         |
| 5/31/18      | 11561          | Operating | eGov Strategies, LLC                | \$1,450.00  | \$1,450.00     | Web design                             |
| 5/31/18      | 11562          | Operating | Eric Hand                           | \$150.00    | \$150.00       | May board fees                         |
| 5/31/18      | 11563          | Operating | Fastenal Company                    | \$499.34    | \$499.34       | Plant R & M                            |
| 5/31/18      | 11563          | Operating | Fastenal Company                    | \$74.17     | \$74.17        | Plant R & M                            |
| 5/31/18      | 11563          | Operating | Fastenal Company                    | \$396.50    | \$396.50       | Gloves                                 |
| 5/31/18      | 11564          | Operating | Fluid Waste Services, Inc.          | \$1,375.00  | \$1,375.00     | Plant R & M                            |
| 5/31/18      | 11564          | Operating | Fluid Waste Services, Inc.          | \$2,923.50  | \$2,923.50     | Line repairs                           |
| 5/31/18      | 11565          | Operating | Grainger                            | \$59.44     | \$59.44        | Lockout padlock                        |
| 5/31/18      | 11565          | Operating | Grainger                            | \$85.01     | \$85.01        | Boots                                  |
| 5/31/18      | 11565          | Operating | Grainger                            | \$72.57     | \$72.57        | Safety Materials                       |
| 5/31/18      | 11566          | Operating | IN.GOV                              | \$15.00     | \$15.00        | Office service                         |
| 5/31/18      | 11567          | Operating | Indianapolis Star                   | \$324.90    | \$324.90       | Rate Ordinance                         |
| 5/31/18      | 11568          | Operating | IPL                                 | \$81.04     | \$81.04        | LS 12                                  |
| 5/31/18      | 11568          | Operating | IPL                                 | \$90.60     | \$90.60        | LS 24                                  |
| 5/31/18      | 11568          | Operating | IPL                                 | \$147.75    | \$147.75       | VALVE VAULT                            |
| 5/31/18      | 11568          | Operating | IPL                                 | \$840.75    | \$840.75       | LS 10                                  |
| 5/31/18      | 11568          | Operating | IPL                                 | \$41.50     | \$41.50        | LS 18                                  |
| 5/31/18      | 11568          | Operating | IPL                                 | \$110.12    | \$110.12       | LS 3                                   |
| 5/31/18      | 11568          | Operating | IPL                                 | \$40.02     | \$40.02        | LS 22                                  |
| 5/31/18      | 11568          | Operating | IPL                                 | \$63.81     | \$63.81        | LS 20                                  |
| 5/31/18      | 11568          | Operating | IPL                                 | \$422.59    | \$422.59       | LS 8                                   |
| 5/31/18      | 11568          | Operating | IPL                                 | \$41.27     | \$41.27        | LS 25                                  |
| 5/31/18      | 11568          | Operating | IPL                                 | \$291.20    | \$291.20       | LS 9                                   |
| 5/31/18      | 11569          | Operating | IUPPS                               | \$2,248.65  | \$2,248.65     | Locate requests                        |
| 5/31/18      | 11570          | Operating | Jane B. Merrill                     | \$200.00    | \$200.00       | May board fees                         |
| 5/31/18      | 11571          | Operating | Lewis Testing Services, Inc.        | \$50.00     | \$50.00        | Testing fees                           |
| 5/31/18      | 11572          | Operating | M S Consultants, Inc                | \$988.00    | \$988.00       | CIP-Proj 1702                          |
| 5/31/18      | 11573          | Operating | Maddox Industrial Group, Inc.       | \$2,052.00  | \$2,052.00     | Lift station R & M Crane to pull pumps |
| 5/31/18      | 11574          | Operating | Marilyn Anderson                    | \$350.00    | \$350.00       | May Board fees                         |
| 5/31/18      | 11575          | Operating | Merrell Brothers, Inc.              | \$520.00    | \$520.00       | Bisposals                              |
| 5/31/18      | 11575          | Operating | Merrell Brothers, Inc.              | \$10,727.40 | \$10,727.40    | Bisposals                              |
| 5/31/18      | 11576          | Operating | Michael A. McDonald                 | \$200.00    | \$200.00       | May board fees                         |
| 5/31/18      | 11577          | Operating | Michael Shaver                      | \$200.00    | \$200.00       | Board fees                             |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$1,688.00  | \$1,688.00     | Replace cooper water line              |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$180.00    | \$180.00       | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$90.00     | \$90.00        | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$180.00    | \$180.00       | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$720.00    | \$720.00       | Plant R & M                            |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$180.00    | \$180.00       | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$90.00     | \$90.00        | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$90.00     | \$90.00        | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$180.00    | \$180.00       | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$180.00    | \$180.00       | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$180.00    | \$180.00       | Lift station R & M                     |
| 5/31/18      | 11578          | Operating | Mission Mechcal                     | \$419.55    | \$419.55       | Plant R & M                            |
| 5/31/18      | 11579          | Operating | Office Depot                        | \$425.36    | \$425.36       | Office supplies                        |
| 5/31/18      | 11580          | Operating | Pearson Ford, Inc.                  | \$375.25    | \$375.25       | Vehicle repairs                        |
| 5/31/18      | 11580          | Operating | Pearson Ford, Inc.                  | \$102.92    | \$102.92       | Vehicle repairs                        |
| 5/31/18      | 11581          | Operating | Peerless-Midwest, Inc.              | \$4,386.00  | \$4,386.00     | Plant R & M                            |
| 5/31/18      | 11582          | Operating | Ray Clemens                         | \$400.00    | \$400.00       | Cleaning                               |
| 5/31/18      | 11583          | Operating | Republic Services #761              | \$338.64    | \$338.64       | Trash                                  |
| 5/31/18      | 11584          | Operating | Runyon Equipment Rental             | \$1,057.50  | \$1,057.50     | Slice seeder                           |
| 5/31/18      | 11584          | Operating | Runyon Equipment Rental             | \$96.80     | \$96.80        | Seeder                                 |
| 5/31/18      | 11585          | Operating | Ryan Osborne, Inc                   | \$2,175.00  | \$2,175.00     | Software support                       |
| 5/31/18      | 11586          | Operating | SAL Chemical                        | \$3,701.20  | \$3,701.20     | Operating supplies                     |
| 5/31/18      | 11587          | Operating | Secureworks, Inc                    | \$2,375.00  | \$2,375.00     | Software                               |
| 5/31/18      | 11588          | Operating | Signius Communications              | \$75.34     | \$75.34        | Monthly service                        |
| 5/31/18      | 11589          | Operating | Steve Pittman                       | \$200.00    | \$200.00       | May board fees                         |
| 5/31/18      | 11590          | Operating | Taylor Oil Company, Inc.            | \$1,846.88  | \$1,846.88     | Fuel                                   |
| 5/31/18      | 11591          | Operating | Taylor Systems, Inc.                | \$106.75    | \$106.75       | Monthly billing                        |
| 5/31/18      | 11592          | Operating | TNTechnical LLC                     | \$6,296.33  | \$6,296.33     | Belt press                             |
| 5/31/18      | 11593          | Operating | Win-911                             | \$495.00    | \$495.00       | Lift station R & M                     |
| 5/31/18      | 11594          | Operating | Xylem Water Solutions USA Inc       | \$2,269.24  | \$2,269.24     | Rehab impellers                        |

| Payment date | Payment number | Bank name   | Payee name                     | Amount       | Amount Allowed | Description             |
|--------------|----------------|-------------|--------------------------------|--------------|----------------|-------------------------|
| 5/31/18      | 11594          | Operating   | Xylem Water Solutions USA Inc  | \$530.00     | \$530.00       | Ring                    |
| 5/31/18      | 11594          | Operating   | Xylem Water Solutions USA Inc  | \$14,097.00  | \$14,097.00    | Impellers               |
| 5/31/18      | 11595          | Interceptor | GRW                            | \$537.00     | \$537.00       | CIP-Proj 1601           |
| 5/31/18      | 11595          | Interceptor | GRW                            | \$10,000.00  | \$10,000.00    | CIP-Proj 1901           |
| 5/31/18      | 11595          | Interceptor | GRW                            | \$2,500.00   | \$2,500.00     | CIP-Proj 1901           |
| 5/31/18      | 11595          | Interceptor | GRW                            | \$10,000.00  | \$10,000.00    | CIP-Proj 1901           |
| 5/31/18      | 11596          | Interceptor | HWC Engineering                | \$2,800.00   | \$2,800.00     | CIP-Proj 1801           |
| 5/31/18      | 11597          | Plant Expa  | GRW                            | \$2,075.00   | \$2,075.00     | CIP-Proj 1902           |
| 5/31/18      | 11597          | Plant Expa  | GRW                            | \$7,480.00   | \$7,480.00     | CIP-Proj 1902           |
| 5/31/18      | 11598          | Plant Expa  | Strand Associates, Inc.        | \$1,057.08   | \$1,057.08     | CIP-Prjo 1701           |
| 5/8/18       | 20180235       | Operating   | ADP                            | \$53,583.98  | \$53,583.98    | Payroll PPE 5/4/18      |
| 5/8/18       | 20180236       | Operating   | Empower Retirement (Hoosier ST | \$7,275.71   | \$7,275.71     | Roth, 401A, 457B        |
| 5/21/18      | 20180238       | Operating   | ADP                            | \$58,389.86  | \$58,389.86    | PPE 5/18/18             |
| 5/22/18      | 20180239       | Operating   | Empower Retirement (Hoosier ST | \$7,656.98   | \$7,656.98     | 401A, 457B, Roth        |
| 5/23/18      | 20180240       | Operating   | ADP                            | \$229.59     | \$229.59       | Payroll/Time Attendance |
| 5/23/18      | 20180241       | Operating   | Anthem Blue Cross Blue Shield  | \$31,936.83  | \$31,936.83    | Insurance - June        |
| 5/23/18      | 20180242       | Operating   | Vectren Energy Delivery        | \$35.54      | \$35.54        | LS 4                    |
| 5/23/18      | 20180242       | Operating   | Vectren Energy Delivery        | \$46.77      | \$46.77        | LS 2                    |
| 5/23/18      | 20180242       | Operating   | Vectren Energy Delivery        | \$21.63      | \$21.63        | LS 10                   |
| 5/15/18      | 20180243       | Operating   | Wex Bank                       | \$99.01      | \$99.01        | Fuel                    |
| 5/31/18      | 20180244       | Operating   | IT Indianapolis                | \$4,459.05   | \$4,459.05     | IT Support - May        |
| 5/23/18      | 20180245       | Operating   | Duke Energy                    | \$914.31     | \$914.31       | LS 17                   |
| 5/23/18      | 20180246       | Operating   | Duke Energy                    | \$45.97      | \$45.97        | LS 6                    |
| 5/23/18      | 20180247       | Operating   | Duke Energy                    | \$414.70     | \$414.70       | LS 26                   |
| 5/23/18      | 20180248       | Operating   | Duke Energy                    | \$339.52     | \$339.52       | LS 4                    |
| 5/23/18      | 20180249       | Operating   | Duke Energy                    | \$808.57     | \$808.57       | LS 14                   |
| 5/23/18      | 20180250       | Operating   | Duke Energy                    | \$20,298.86  | \$20,298.86    | Plant                   |
| 5/23/18      | 20180251       | Operating   | Duke Energy                    | \$123.82     | \$123.82       | LS 5                    |
| 5/23/18      | 20180252       | Operating   | Duke Energy                    | \$209.35     | \$209.35       | LS 11                   |
| 5/23/18      | 20180253       | Operating   | Duke Energy                    | \$3,253.02   | \$3,253.02     | LS 1                    |
| 5/23/18      | 20180254       | Operating   | Duke Energy                    | \$196.14     | \$196.14       | LS 16                   |
| 5/23/18      | 20180255       | Operating   | Duke Energy                    | \$170.55     | \$170.55       | LS 19                   |
| 5/23/18      | 20180256       | Operating   | Duke Energy                    | \$186.90     | \$186.90       | LS 21                   |
| 5/24/18      | 20180257       | Operating   | Duke Energy                    | \$387.12     | \$387.12       | LS 23                   |
| 5/25/18      | 20180258       | Operating   | Spectrum Business              | \$224.00     | \$224.00       | Internet service        |
| 5/30/18      | 20180259       | Operating   | Mutual of Omaha                | \$3,733.01   | \$3,733.01     | Insurance - June        |
| 5/31/18      | 20180260       | Operating   | Citizens State Bank            | \$20.00      | \$20.00        | Bank charge - May 2018  |
| 5/31/18      | 20180261       | Operating   | ADP                            | \$126.43     | \$126.43       | Workforce Now           |
| 5/31/18      | 20180262       | Operating   | IT Indianapolis                | \$672.00     | \$672.00       | Office 365              |
| 5/31/18      | 20180262       | Operating   | IT Indianapolis                | \$778.70     | \$778.70       | Datto                   |
| 5/31/18      | 20180262       | Operating   | IT Indianapolis                | \$4,519.00   | \$4,519.00     | June support            |
| 5/31/18      | 20180262       | Operating   | IT Indianapolis                | \$1,122.00   | \$1,122.00     | IT support              |
| 5/31/18      | 20180263       | Operating   | Wex Bank                       | \$239.35     | \$239.35       | Fuel                    |
|              |                |             |                                | \$431,358.56 | \$431,358.56   |                         |

\$431,358.56 \$431,358.56

**ALLOWANCE OF CLAIMS**

We have examined the claims listed on the foregoing Register of Claims, consisting of 3 pages, and except for claims not allowed as shown on the register, such claims are hereby allowed in the total amount of

**\$431,358.56**

\_\_\_\_\_

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| Selected Statistics 2018             | January     | February    | March       | April       | May         | 2018 Monthly Average | 2018 YTD    | 2017 Total Through May |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|------------------------|
| <b>Maintenance Information</b>       |             |             |             |             |             |                      |             |                        |
| Lateral Inspections                  | 21          | 38          | 39          | 35          | 44          | 35                   | 177         | 184                    |
| Certified I&I Inspections            | 46          | 41          | 46          | 40          | 65          | 48                   | 238         | 252                    |
| Failed I&I Inspections               | 0           | 0           | 1           | 0           | 2           | 1                    | 3           | 4                      |
| Sewer Locates                        | 317         | 443         | 519         | 735         | 705         | 544                  | 2,719       | 2,629                  |
| Manholes Added                       | 2           | 28          | 0           | 4           | 4           | 8                    | 38          | 0                      |
| Total # of Manholes                  | 5,774       | 5,802       | 5,802       | 5,806       | 5,810       | n/a                  | 5,810       | 5,702                  |
| Manholes Inspected                   | 12          | 2           | 836         | 867         | 52          | 354                  | 1,769       | 1,847                  |
| Feet of Sewer Added                  | 721         | 4,973       | 9           | 699         | 1,965       | 1,673                | 8,367       | 0                      |
| Total Footage of Sewers              | 1,631,147   | 1,636,120   | 1,636,129   | 1,636,828   | 1,638,793   | 1,635,803            | 1,638,793   | 1,576,477              |
| Feet of Sewer Televised              | 11,877      | 16,098      | 31,206      | 22,459      | 29,338      | 22,196               | 110,978     | 107,025                |
| Feet of Sewer Cleaned                | 462         | 362         | 0           | 590         | 0           | 283                  | 1,414       | 0                      |
| Overflows                            | 0           | 0           | 1           | 0           | 0           | 0                    | 1           | 4                      |
| <b>Station 1 to Carmel Utilities</b> |             |             |             |             |             |                      |             |                        |
| Rainfall / Precipitation (inches)    | 1.66        | 4.22        | 2.82        | 3.08        | 1.30        | 2.62                 | 13.08       | 21.30                  |
| Total Flow (gallons)                 | 51,695,973  | 56,614,383  | 62,758,901  | 63,146,988  | 50,056,093  | 56,854,468           | 284,272,338 | 318,800,513            |
| Maximum Daily Flow (gallons)         | 2,272,143   | 3,929,994   | 3,687,057   | 3,429,916   | 1,897,586   | 3,043,339            | 3,929,994   | 4,972,000              |
| Average Daily Flow (gallons)         | 1,667,612   | 2,021,942   | 2,024,481   | 2,104,900   | 1,614,712   | 1,886,729            | n/a         | n/a                    |
| Minimum Daily Flow (gallons)         | 1,328,783   | 1,393,460   | 1,461,980   | 1,658,375   | 1,519,663   | 1,472,452            | 1,328,783   | 1,257,704              |
| <b>Michigan Road WWTP</b>            |             |             |             |             |             |                      |             |                        |
| Total Flow (gallons)                 | 77,717,000  | 76,466,000  | 85,363,000  | 83,867,000  | 72,867,000  | 79,256,000           | 396,280,000 | 428,386,000            |
| Maximum Daily Flow (gallons)         | 3,136,000   | 4,746,000   | 4,510,000   | 7,867,000   | 2,582,000   | 4,568,200            | 7,867,000   | 8,710,000              |
| Average Daily Flow (gallons)         | 2,507,000   | 2,730,929   | 2,753,645   | 2,795,567   | 2,340,806   | 2,625,589            | n/a         | n/a                    |
| Minimum Daily Flow (gallons)         | 2,214,000   | 2,291,000   | 1,637,000   | 2,347,000   | 2,105,000   | 2,118,800            | 1,637,000   | 2,275,000              |
| Total Flow to Both Plants            | 129,412,973 | 133,080,383 | 148,121,901 | 147,013,988 | 122,923,093 | 136,110,468          | 680,552,338 | 747,186,513            |
| <b>Biosolids Handling (gallons)</b>  |             |             |             |             |             |                      |             |                        |
| Wasted (Biosolids)                   | 874,610     | 1,231,640   | 1,098,780   | 1,174,090   | 1,459,340   | 1,167,692            | 5,838,460   | 5,237,583              |
| Dewatered                            | 353,000     | 257,000     | 260,000     | 324,000     | 384,000     | 315,600              | 1,578,000   | 1,228,014              |
| Digested Sludge Withdrawn            | 834,900     | 803,000     | 960,200     | 867,600     | 735,800     | 840,300              | 4,201,500   | 4,023,700              |
| <b>Customer Information</b>          |             |             |             |             |             |                      | 15,165      |                        |
| New Sewer Service Accounts           | 17          | 25          | 22          | 24          | 40          | 26                   | 128         | 169                    |
| Permits Issued                       | 33          | 34          | 47          | 56          | 49          | 44                   | 219         | 169                    |

# THE CTRWD CONNECTION

Volume 11 Issue 6 June 2018  
MONTHLY NEWSLETTER

## 43 YEARS AND CONTINUALLY IMPROVING

Clay Township Regional Waste District celebrated its 43rd Anniversary on June 3. The District was created in 1975 to provide effective and efficient sanitary sewer service to address a long standing health problem in Home Place caused by poor soils and failing septic systems. Another benefit of the creation of the District was its ability to provide the solid sanitary sewer infrastructure needed for environmentally sound development as Clay and Eagle Townships experienced the development boom.

The District has grown to provide service in portions of Hamilton, Boone and Marion Counties. Due to the regional nature of the sewer service provided by the District, the Board of Trustees petitioned the Indiana Department of Environmental Management (IDEM) to change the District's name to TriCo Regional Sewer Utility. On May 7, 2018, IDEM issued the Order to change the District's name to TriCo Regional Sewer Utility.

**On July 1, 2018, the District will begin operating as TriCo Regional Sewer Utility  
New Name...Same Great Utility!**

## Mechanical Seals Collections Challenge 2018 Champions



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### Calendar of Events

|      |    |               |            |
|------|----|---------------|------------|
| June | 11 | Board Meeting | 7:00 p.m.  |
| June | 13 | Staff Meeting | 10:00 a.m. |
| June | 22 | B & F Meeting | 7:30 a.m.  |
| June | 25 | P & B Meeting | 7:30 a.m.  |
| July | 02 | C & C Meeting | 4:30 p.m.  |
| July | 09 | Board Meeting | 7:00 p.m.  |

## **PLANT REPORT – SCOT WATKINS**

Thirty-two FOG inspections were completed this month while entering the remaining quarterly reports. Kroger, Porkopolis, Which Wich and Sahm's all had new facilities opening in May. The District has been working with Kroger on their new pretreatment devices and cleaning schedule.

Staff reseeded the prairie with native wild flowers; small patches have started to show already. The grit in the Pretreatment building was cleaned out by a contractor with the help of the Collection staff. Lift stations were pumped down and then shut down while the force main discharges at the plant were cleaned. The Post Aeration structure was also taken down and cleaned; this is done quarterly to clean the non-potable water filters and aeration equipment to maintain proper operation. Staff is working on biannual oil changes with the assistance of summer help. Second quarter Whole Effluent Toxicity (WET) testing was done; samples passed with no toxic results. If two years of successful tests are completed the requirement can be asked to be removed from the permit.

## **CONSTRUCTION & ENGINEERING-WES MERKLE**

In the month of May the Engineering Department completed 705 locates, 65 I&I inspections and 44 lateral inspections. Heavy construction activity in our service area is keeping Kermin and Nate busy with inspections and locates. Kermin had two failed I&I inspections, both including broken cleanout caps, and both have been fixed. Nate continues to monitor multiple projects along 96<sup>th</sup> Street, which has included many watchdog locates on force mains for Lift Station 1 (Keystone/99<sup>th</sup>) and Lift Station 9 (Towne/96<sup>th</sup>). He reviewed 2,559 locate requests the District received in May.

Eric observed final testing of Jackson's Grant Section 2 sewers, which included extension of interceptor sewer to Clay Center Road. Eric is also inspecting neighborhood sewer project construction, and he'll transition to the Keystone and 96<sup>th</sup> relocation project once construction is underway. Ryan is assisting with construction administration on both projects. Ryan had preconstruction meetings with contractors on four new development projects; he also worked with multiple property owners requesting sewer extensions and service. Ryan, Jeff and Wes are working with the City of Carmel and three property owners to possibly connect a private sewer system to the Southern Interceptor near Keystone and 96<sup>th</sup>. The system is in poor condition and needs a lot of repair work to meet District standards for maintenance and reliability.

Jeff continued review of available information to identify potential I&I sources in Basin 8; the focus is currently parts of Crooked Stick, Coxhall Gardens and a few nearby areas at and north of 116<sup>th</sup> Street. Collections is assisting with inspections, televising and smoke testing. Additional flow meters will be installed. Jeff assisted with low pressure sewer maintenance planning, he conducted a cross-connection investigation in Annaly Downs, and he completed manhole inspections after a paving project in Winterwood, looking for damage similar to what we found after several paving projects over the past few years.

Neighborhood sewer installation work will wrap up in the coming weeks. Sewer relocation work at Keystone and 96<sup>th</sup> Street will **begin shortly**. Staff is evaluating additional quotes for Jackson's Grant Section 6 sewer extension towards Lift Station 4 (Springmill Ridge). The remaining piece of sewer extension across the Book property is in design. Design is also underway on the Lift Station 14 (Austin Oaks) parallel force main project. Ryan and Wes will soon begin contacting property owners regarding easement needs. The WWTP outfall project hit a permitting snag with IDEM. Pending Board approval we will likely start over with the next best alternative which is running a parallel gravity sewer to Eagle Creek.

## **COLLECTIONS REPORT – AARON STRONG**

Collections staff camera inspected 30,000 feet of main in the month of May finding three broken mains in Buckhorne Estates. Damages are construction related including a grounding rod driven through the District's 8" main. Damage investigations are being performed and repairs are in progress. Collections staff has started manhole repairs as identified by manhole inspections performed early this year. Crews have performed corrective action on 41 manholes to date, the remaining 60 manholes are expected to be completed in the coming months. An additional 80 manholes requiring more extensive maintenance repairs will be awarded to a contractor. Yearly pump inspections are ongoing with 7 of the 24 stations completed. Staff has also installed four FogRod level control devices at Lift Stations 10, 11, 19 and 21. Matt Starr attended the Municipal Sewer Grout School in Waukesha, Wisconsin, in preparation for the upcoming large scale Inflow & Infiltration project.



### CUSTOMER SERVICE—SHELLY KEEFE

Matt McClendon from CUSI billing software was in the office providing in-depth training for two days. It provided greater understanding of the software's capability and how we can use it more efficiently.

Customer service received the residential water read files from Carmel Utilities and Citizens Water for the annual balanced billing process. Preliminary reports are used to research issues prior to actually running the program in the billing software. Although this step is time consuming, it saves time and confusion for our customers once the balanced billing goes into effect. The new balanced billing will be completed and reflected on the July 31, 2018 bills.

The 100 Mile Challenge has ended with 11 employees successfully reaching the 100 Mile goal. Each employee received a \$25 gift card. The program helps to maintain or jumpstart a healthier lifestyle for all participants.

### FINANCIAL UPDATE -CINDY SHEEKS

April 2018 revenues totaled \$599,246 which is slightly under projections by \$38,327 (6.01%). Residential sales were \$387,548 which comprises 64.67% of the total revenue and 1.21% lower than expected. Commercial sales totaled \$180,167 which is 30.07% of total revenue and 20.24% lower than expected. Revenue is on the rise in April. Carmel Utilities also had revenues lower in 2018 vs same time frame in 2017. Total operating expenses were \$381,246 in April which is 12.80% under the monthly budget. Wages and benefits spending was below budget by 7.15% for a total of \$160,435 in the month. Administration costs were under budget in April by \$5,235 (9.04%) for a total of \$52,665. Treatment costs were under budget by \$2,535 (1.65%) for a total of \$140,147 in April. Collection costs totaled \$27,999 in April which was \$36,001 or 56.25% under budget. Net income was \$165,981 after depreciation and amortization of CIAC in April which is below projections by \$6,102 for the month. YTD net income is \$406,970 after depreciation and amortization of CIAC.

Spending Breakdown:

Wages – 42.08%

Administration – 13.81%

Treatment Costs – 36.76%

Collection Costs – 7.34%

Cash generated for April shows a net increase in all funds by \$353,744. YTD, cash balances have increased by \$864,603. Capital spending was \$22,072 for the month. It included spending for the admin office remodel design, server replacement, outfall from the Plant, neighborhood projects and 96<sup>th</sup> Street and Keystone Avenue sewer relocation. Cash on hand at 04/30/2018 is \$7,638,876. The balances in the funds are listed below with a description of planned use of these funds.

|                         |   |
|-------------------------|---|
| Operating               | \$1,169,581. Used in the daily operations of the utility and for the upkeep of the existing system. |
| Interceptor             | (\$132,351). Used to extend new sewers and provide capacity in the collection system.               |
| Plant Expansion         | \$4,087,988. Scheduled to be using add treatment capacity at the WWTP starting in 2019.             |
| Operating Reserve       | \$2,192,400. A six month reserve of operating expenses.   |
| Reserve for Replacement | \$ 321,258. Savings for replacement of aging equipment at the plant and lift stations.              |

**COLLECTIONS CHALLENGE**

Once again CTRWD staff competed in and helped facilitate the annual Indiana Water Environment Association Collections Challenge. Last year CTRWD hosted the event, this year Shelbyville was the host. Loren Prange coordinated the Safety event and served as a judge. Bob Roudebush competed with the Southern Indiana Operators Association team and placed 4<sup>th</sup> overall. The CTRWD Mechanical Seals team was comprised of Joseph Hood, Jason Lewin, Matt Starr and Scot Watkins. The Seals took top honors for the second consecutive year. Congratulations to all CTRWD staff that helped to make this event a success for IWEA.

The competition is comprised of five individual disciplines; Operations and Maintenance, Residuals, Safety, Collection System and Laboratory. Each event is designed to test the diverse skills required for the operation and maintenance of wastewater treatment facilities, the collection systems and laboratories. The Seals took 1st Place in Safety, Collections, Residuals and tied for 2nd Place in the Operations and Maintenance event. The Seals finished the day with 842 points earning them the privilege to represent the State of Indiana at the National Collections Challenge in New Orleans sponsored by the Water Environment Federation Technical Exhibition Conference (WEFTEC) in September.

**SAFETY UPDATE - LOREN PRANGE**

The following safety tailgate sessions were held:

- 04/24/18 Setting up a safe traffic control zone
- 05/01/18 Lighting: The underrated killer
- 05/15/18 Texting and working don't mix

✓
Site Safety

3

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3

No. of days since the last lost time accident.

The District provided training to 10 employees at the Michigan Road treatment plant on May 7th. The training lasted 4 hours and covered Confined Space Entry and Non-Entry Rescue. The employees were reminded not to get complacent during a confined space entry and to always take the proper steps to avoid injury. A fatality at a Treatment Plant in Florida was used as an example of what the employees did wrong and what steps should have been taken to protect yourselves and co-workers.

The O&M Safety Seminar has been rescheduled for September 19<sup>th</sup>. The District is hosting the event at the Michigan Road Treatment Plant. The goal is to educate operators on the different types of energies that exist in a WWTP, how they present themselves in equipment and processes, and how to effectively work with and around them safely. In simple terms, how things can electrocute, concuss, suffocate, burn, deafen, and crush and how to avoid it.

Completing in the Operations and Maintenance Event



**Birthdays**

- Cindy Ferrulli June 1
- Ryan Weddle June 2
- Loren Prange June 20

**Anniversaries**

- Matt Starr June 13 7 Years of Service
- Eric Louis DelaCruz June 18 6 Years of Service
- Loren Prange June 27 13 Years of service





## MEMORANDUM

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**To: Board of Trustees**

**From: Andrew Williams**

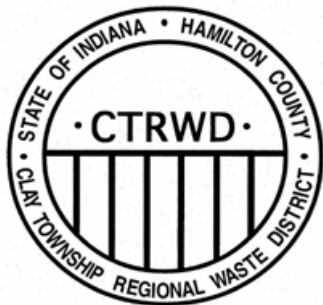
**Date: May 11, 2018**

**Subject: Second Reading of Ordinance 5-14-2018  
District wide schedule of fees and  
monthly user rates**

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Ordinance 5-14-2018 includes a 5% increase of the treatment rate, base rate and connection fee. This is in line with the planning performed while setting the 2018 Budget and the 5 year cash balance projections. The 5% increases were begun to alleviate the projected short falls in the 5 year cash balance projections. With the proposed rate increase, the District will retain the lowest rates in the area. A typical District customer using 5,000 gallons of water per month will pay \$26.46 compared to the current fee of \$25.20.

To consolidate other District's rates and fees into one ordinance, Ordinances 12-12-2016 and 08-08-2016A have been incorporated in this ordinance. These sections added include: "Late Fees", "District Wide Connection Fee", "District Wide Interceptor Fee", "Application Fee" and "Prior Connection, Interceptor, and Application Fees".



## PERSONNEL & BENEFITS COMMITTEE

Tuesday, May 29, 2018 at 7:30 A.M.  
Memorandum

Present: Chair Barb Lamb, Committee Members Chuck Ford and Michael Shaver, others in attendance were Utility Director Drew Williams and Administrative Assistant Maggie Crediford.

Ms. Lamb Called the meeting to order at 7:31 a.m.

### **PUBLIC COMMENT**

No one from the public was present at the meeting.

### **SAFETY UPDATE**

Mr. Williams stated that the Plant Staff participated in the 2018 Operators Challenge and received first place in both the safety category and first place overall, advancing them to the national competition in New Orleans later this year. The Plant staff participated in traffic control training. He mentioned that another utility in the area had been fined by the City of Carmel for closing a road without following the proper procedures. Ms. Lamb asked if there had been a resolution to the issue of where the District can or cannot park according to the City of Carmel's Path Code Ordinance? The utility in question had also been cited for parking on one of Carmel's multiuse pathways during the road closure. Mr. Williams said that Mrs. Poindexter, the District's legal counsel, is consulting with Carmel's counsel. In some instances, the City of Carmel's paths are in the District's easements and there is some confusion as to how the City of Carmel could deny or control the District's access in its own easement.

### **POSITION RANGES/PAY POLICY**

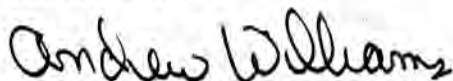
Mr. Williams stated that with the adjustments in the salary ranges proposed by the 2017 Compensation Study there are six employees that are at the top of their position's pay range. Under the current structure these individuals would be eligible for Cost of Living Increases approved by the Board of Trustees but would not be eligible for merit increases. There was discussion on how these individuals could qualify for merit increases as well as Cost of Living Adjustments. Mr. Shaver felt there were some positions that have extremely taxing jobs or have taken on additional responsibilities not reflected in their pay range. The committee would consider compensation for the specific tasks that are above and beyond the position and that whichever employee is performing this job could be eligible for a higher rate while they are responsible for that task. One option discussed for other employees at the top of their range is a one-time lump sum payment if they are meeting and exceeding expectations for the year. Mr. Williams stated that he has been emphasizing to the managers the importance of meeting with employees and keeping a written record of

performance so that mid-year and end-of-year reviews are easier to compose and are more accurate because there are notes that reflect the entire picture of performance for a given period. He also stressed making sure that employees are meeting with managers so that they understand if their performance is meeting or not meeting expectations and they can adjust accordingly. Mr. Ford has concerns about the salary ranges for the Administrative Staff. Discussion will continue at future meetings regarding how to value their compensation. Mr. Williams and Ms. Lamb will be discussing ideas on how to compensate employees who are at the top of their pay ranges and bring back a proposal for the committee to discuss and consider at the next meeting.

The meeting adjourned at 8:47 a.m.

The next Personnel and Benefits Committee meeting will be Monday June 25, 2018 @ 7:30 a.m.

Respectfully submitted,

A handwritten signature in black ink that reads "Andrew Williams". The signature is written in a cursive, flowing style.

Andrew Williams  
Utility Director



## CAPITAL & CONSTRUCTION COMMITTEE

Monday June 4, 2018@ 4:30 P.M.  
Memorandum

Present: Chair Steve Pittman, Committee Member Eric Hand, Board Member Michael Shaver. Others in attendance were Legal Counsel Anne Poindexter, Utility Director Andrew Williams, Engineering Manager Wes Merkle, District Engineer Ryan Hartman, Administrative Assistant Maggie Crediford and Matt Smith from Strand Associates.

Marilyn Anderson was absent.

Mr. Pittman called the meeting to order at 4:35 p.m.

### 1. Public Comment

Mr. Williams stated that at the May Board of Trustee's meeting Mr. Shaver had asked that comments made to Mr. Byrum about negotiating the easement across the street needed be added to the May Capital and Construction Committee minutes. The comments were added, and the revised minutes were distributed to the committee members.

Mr. Pittman asked if Mr. Byrum would be communicating with the Highway Department since 146<sup>th</sup> Street is a public right-of-way. Mr. Williams stated that Ryan spoke with the Highway Department and was told that if the District got its line extended across before the roadwork that would be fine. If the line is extended after, the Highway Department would want the line installed by directional drilling or with a casing pipe which could get expensive for Mr. Byrum.

Mr. Shaver thanked Mr. Williams for assisting when the Huntersfield Homeowners Association was notified by a contractor that the meter had been removed for the irrigation system when the District did the sewer construction. Mr. Williams verified that the meter is there.

### 2. #1902 WWTP Expansion Scope of Work

Mr. Merkle passed out a handout summarizing the proposed scope of work at for the next Wastewater Treatment Plant expansion. Mr. Williams stated that the handouts being presented at the meeting were not included in the packet sent on Friday because Staff was still waiting on supporting information from the consultants.

Mr. Merkle stated that Staff would like to begin design of the expansion this fall. There are complications with the outfall project as of about a week and a half ago. Highlights from the supplemental planning assistance that Staff has been working on with GRW have left a couple unanswered questions revolving around the treatment of bio-solids. One frustration after the last project was that additional digesters were required to be built, of which the District only uses two of the five it has at the plant. After completing this study, the District will be able to save a few million dollars by not having to add more digesters with the proposed plant expansion. GRW believes that CTRWD is efficient in its operations, therefore additional digesters will not be needed. The final phase of the build out would include replacement of the belt filter press as it comes to its 20-year life expectancy. There are other technologies being considered with that. Currently the belt press would be the most cost effective alternative but eight years from now there could be other technology available.

Other proposed improvements include; installing a third mechanical screen in the pretreatment building, construct a third UV disinfection channel, and construct a fourth 70' diameter clarifier. Regarding vertical loop reactors realistically two could be built instead of three, but they are massive tanks constructed side by side it wouldn't make sense to build them incrementally when all the crews, equipment and materials will be on site, if three will be needed in the future it would be more cost effective to build all three at one time rather than build two now and build a third one later. Grit removal is another thing that was moved up. Plant Staff has been asking for this for several years. The fund projections are being updated.

Short term borrowing might need to be a component. Staff is conducting a cost benefit analysis of taking some flow off Carmel. Mr. Shaver questioned the desire to reduce the amount of flow the District sends to Carmel and the financial ramifications of reducing flow to Carmel. Mr. Merkle noted that a third party financial consultant is independently reviewing the cost benefit analysis and will offer recommendations regarding the need for borrowing.

Mr. Pittman reordered the agenda to discuss #1701 – WWTP Post-Treatment Improvements.

During the heaviest wet weather events the outfall sewer to Eagle Creek does not have the capacity to handle high flow. The idea was instead of constructing a 6000 feet parallel sewer to Eagle Creek, put in a diversion structure so that during high flow events discharge could be sent to Cemetery Creek which is next to the plant.

Mr. Merkle stated that Strand & Associates worked on the last plant expansion design and the firm has been working on a proposed outfall design. For about the last year the project has been stuck in the permitting process. A week and a half ago there was a conference call between Staff, Strand & Associates and IDEM. IDEM said that CTRWD could not discharge to Cemetery Creek.

Mr. Smith said that when the plant was first constructed, instead of discharging to Cemetery Creek, a sewer was run about a mile west to discharge into Eagle Creek. From a permitting standpoint, IDEM looks at the Q7/10 when deciding which creek a plant can discharge into. Q7/10 is the lowest flow that a stream will see for any 7-day period within a 10-year time frame. For both Cemetery and Eagle Creeks that number is zero.

The preliminary feedback received from IDEM when the request was made is that one of the biggest issues with antidegradation studies is that if there are complaints from the public or adjacent land owners that can tie up the process. IDEM recommended CTRWD do public outreach with the affected property owners. Letters were sent to all the landowners adjacent to Cemetery Creek. Staff spoke with the Town of Zionsville to get their perspective. One property owner voiced water quality concerns, but there were no other comments. IDEM was asked to review the antidegradation analysis Strand completed.

In the conference call IDEM informed Strand and the District Staff that their intent is to recommend that the Antidegradation Application be denied and to not allow the discharge into Cemetery Creek. It is IDEM's position that since the alternative of adding a sewer line to Eagle Creek will not raise the sewer rates to 2% of the median household income, that is the desired approach.

The question for the Committee is how the District moves forward. One option is to accept what IDEM's decision, withdraw the Antidegradation Application and move forward with extending the outfall sewer. Another is to appeal IDEM's decision.

Mr. Pittman asked what IDEM's recommendation is to solve the District's outflow issue. Mr. Smith said that IDEM would have the District build a larger interceptor sewer from the plant into Eagle Creek.

Mrs. Poindexter stated that the issue for the District is cost, the issue for IDEM is if both creeks are zero flows at different times, the District is already grandfathered in with the existing outfall and so they will let you expand the existing outfall, but they will not let you put the second outfall someplace else that may be comparable just because it is less expensive for the District. IDEM does not have to let you go with the least expensive option.

Mr. Hand asked if the District is grandfathered for the proposed future additional flow into Eagle Creek. Mr. Smith stated that IDEM has made it easy to grandfather in existing discharges. By and large if you have an existing outfall you can expand it without triggering antidegradation if the effluent limits are the same. However, it is very difficult to get a new outfall if something else is economically feasible.

Mrs. Poindexter stated that she has been doing some research for a municipality who sued IDEM stating that using the alternative outfall is more economically

feasible and the court said IDEM doesn't have to pick the most economically feasible option.

Mr. Pittman asked Mrs. Poindexter what she would recommend. Mrs. Poindexter said she would recommend not appealing IDEM and to go forward with the alternative plan.

Mr. Shaver asked if IDEM had submitted a decision in writing. Mr. Smith said at this time they have just communicated by phone. IDEM gave the District a courtesy call to let them know that the request would be denied giving the District the opportunity to voluntarily withdraw the request.

Mr. Hand asked what the difference in cost is between the two outflow options.

Mr. Smith said that the outfall into Cemetery Creek would be \$400,000 to \$500,000. The pipe to Eagle Creek will cost \$2,000,000.

Mr. Pittman asked if the District will need to acquire new easements to build the additional pipe to Eagle Creek. Mr. Merkle confirmed that new easements would need to be acquired.

Mr. Williams asked if it would be better to withdraw the submittal or have IDEM issue the formal denial so that the District would have written confirmation that the more expensive option was the only one available. Mr. Smith said that if the District asks for the denial then an appeal may need to be filed in 30-60 days. Mrs. Poindexter stated that if there is a time issue, the District can't afford to appeal the denial from a time standpoint.

Mr. Smith said that IDEM is trying to set clear cut rules for what happens with antidegradation demonstrations they have done everything they can to streamline existing outfall expansion. The District needs as much direction from IDEM as possible with regards to future Eagle Creek outfalls and what will trigger antidegradation and what will not. It is Mr. Smith's understanding that as long as NPDS permit effluent limits stay the same that the Eagle Creek outfall can be expanded without triggering antidegradation and if that isn't triggered then that avenue for contention would not be available.

Mr. Williams recommended that the Committee recommend to the Board that the District withdraw the submittal from IDEM and move forward with the outfall sewer design increasing the flow to Eagle Creek.

Mr. Pittman asked Mrs. Poindexter for her recommendation. Mrs. Poindexter recommended that the District move forward with the project and to start acquiring easements.

Mr. Hand asked if there would be a possibility that the District could run an outfall line through Zionsville's existing easements parallel to theirs to get to Eagle Creek. Mr. Smith said that there are some design questions that aren't figured out yet. He believes the most logical thing to do is to put a larger pipe next to the existing pipe that the District already has in place, but one option that could be looked at is abandoning the existing pipe and run one big pipe, each have their pros and cons. The Eagle Creek outfall follows Cemetery Creek, so you are digging in dirt instead of road which would be significantly less expensive. Sticking with the current alignment is probably the best way to go.

Mr. Pittman asked what Staff is asking the Committee to recommend to either the Board of Trustees or the Budget and Finance Committee. Mr. Merkle stated that Staff would like to have a recommendation to get an engineer under contract to start the design of that gravity sewer. If it comes in more than \$25,000 the Board would need to sign off on the contract for that work.

Mrs. Poindexter said that the question for the Committee today is if they want to withdraw the request from IDEM or not. That would be the recommendation the Committee would make to the Board.

Mr. Pittman recommended that the Capital and Construction Committee recommend to the Board that the District withdraw the pending outflow request with IDEM. Mr. Hand agreed.

Mr. Hand questioned how that will help the District immediately in wet weather events. Mr. Merkle said that staff is looking at 2019 for construction of a new gravity outfall sewer along Eagle Creek. In the interim, Staff has discussed throttling flow at Lift Station 2.

Mr. Pittman asked what would happen if the District does nothing. Mr. Smith said that the outfall sewer will overflow. It could back up at the plant as well.

Mr. Shaver asked if there is any way to get inflow and infiltration out of the system. Mr. Merkle said it cannot be reduced by the amount needed. The capacity of the sewer is 11-12 MGD peak hour flow, and 23 MGD is needed at buildout, that difference cannot be achieved with I&I removal alone.

### 3. Additional Service Area at the southwest corner of 96<sup>th</sup>/Keystone

Mr. Merkle stated there are several parcels along Haver Way that are serviced by a privately-owned gravity sewer, lift station and force main. These sewers were installed in the late 70's or early 80's. There are a handful of businesses served by these sewers. Currently their flow goes to the Carmel plant and the force main that crosses Keystone must be relocated to accommodate Carmel's road construction project. Carmel is asking the District to take over this area. The lift station is located



behind the old Burger King location and the District has gravity sewer 300' away on the north side of 96th Street.

Currently there are three property owners involved and two of them are agreeable, one of them is not. There are a couple of undeveloped parcels in that area as well and it is unknown what will happen with them. It might make sense for them not only to connect but to dedicate their system, have the District take responsibility for it, and if it needs to be rebuilt in the future with redevelopment that could be considered later. Mr. Williams clarified that before the system would be dedicated to the District, the property owners would bring it up to the current District Standards.

Mrs. Poindexter stated that when the road construction is complete it is likely that this area would be redeveloped. Each property owner could agree that they will make the improvements and then the District can work with them on the timeline of completing the project. Carmel wants this to be done now because of the pending road construction. The other option is to carve out a little area that has a surcharge developed with a rate consultant. The surcharge would be to recoup the repayment of the improvements that the District would make to the system to bring it up to a modern system.

Mr. Shaver asked why the property owners can't just pay for the improvements up front before they connect into the system. Mr. Pittman asked if the property owners can't afford to pay it all up front, could the District establish surcharge rates and lien the properties to recoup the cost. Mr. Shaver said that he is concerned the District would be using its capital to make the improvements.

Mr. Pittman asked what the alternative is if the property owners don't accept it, does the District have an obligation to service it or is there the ability to say we are not interested. Mrs. Poindexter said the property owners could petition IDEM to order the District to service the area. Mr. Pittman asked how much money is needed to complete this project. Mr. Merkle said that the improvements and relocation that is needed could cost \$50,000 to \$100,000.

Mr. Williams said that an alternative solution would be for all the property owners to install a grinder pump system and directionally drill the pipe across the street to the District's main line. Each building would have their own pump they would be responsible for and the District would maintain the main line. If it is competitive cost wise it will be investigated further. Mr. Merkle said it is an alternative that is being looked at Mr. Merkle is having conversations with Carmel and discussing the options.

#### 4. District Connection Fee

Mr. Merkle said that several commercial developers approach Staff with water records saying that the water usage on a similar building is much less than what is

prescribed by the Indiana Administrative Code. The problem is the plant must be built to treat nutrients, and whether it takes a gallon or five gallons of water to get those nutrients to the plant is not as critical as the amount of nutrients. If EDU fees are reduced based on water consumption, but we still have to treat the same nutrient loading, that will result in homes and business in the future paying more to make up the difference. Staff likes the ordinance wording because it gives staff flexibility where code does not apply. Mr. Merkle recommends calculating EDUs using the IAC first, but if that can't be done, then water records can be examined.

It was decided that Staff will calculate EDU fees per the IAC and if someone would like to appeal an assessment they can bring that appeal before the Capital and Construction Committee for consideration.

5. Other Business

There was no other business.

6. Capital Project Updates

Mr. Merkle stated that lane closures have started at 96<sup>th</sup> and Keystone and relocation work will be complete in the next couple of weeks. Hopefully next month there will be revised quotes for Jackson's Grant Section 6 for a new gravity sewer towards Lift Station 4. Design continues on the Lift Station 4 Elimination and Lift Station 14 Parallel Force Main projects. Construction for the Neighborhood Sewer Projects should be complete in the coming weeks.

Mr. Shaver reiterated that he would like to see the District reduce its inflow and infiltration numbers. Mr. Williams stated that the Staff is working on that. Mr. Hand said that he wants to be sure that the District's sewer system is not being used to solve anyone's storm water issues.

The meeting adjourned at 6:23 p.m.

Date and time for next meeting: Monday, July 2, 2018 at 4:30 pm

Respectfully submitted,



Andrew Williams  
Utility Director



## MEMORANDUM

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**To: C&C Committee**

**From: Wes Merkle**

**Date: June 4, 2018**

**Subject: #1902 WWTP Expansion Scope of Work**

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The Michigan Road WWTP was originally constructed in 1991. It has undergone major expansion projects in 1996, 2004, and 2012. The last plant expansion project was completed in multiple phases, with digesters going online in late 2014, bringing design average daily flow to 3.05 MGD.

Since 2014 both Strand Associates and GRW Engineers completed master plan updates for the WWTP. Buildout daily flow at the plant will be 4.56 MGD. Additional capacity will be needed in 2021 to accommodate continued growth of our service area. Buildout of our service area is anticipated in 2032.

GRW recently completed supplemental planning assistance for buildout plant expansion projects to answer a few remaining questions, help establish scope of work, and update cost estimates. Note that outfall improvements are needed immediately and because that work has no effect on most plant processes those improvements will be constructed, and planned for, separately. The following scope of work is anticipated with the next plant expansion project:

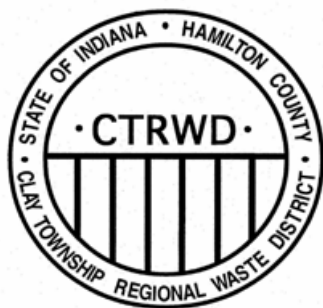
- Install a third mechanical screen in the pretreatment building
- Install grit removal downstream of the pretreatment building
- Construct 3 vertical loop reactors
- Construct a fourth 70' diameter clarifier
- Construct a third UV disinfection channel
- Install a larger emergency backup generator

For additional capacity to go online in late 2021, work must be bid in late 2019 to allow two years for construction. Design should begin this fall. Estimated project cost is \$13.4 million.

The final phase of plant expansion includes construction of two 70' diameter clarifiers and replacement of the belt filter press for sludge dewatering. Note one of the 70' clarifiers will replace the three original 40' clarifiers, which are anticipated to require substantial overhauls around that time. The clarifier replacements will also streamline operations and greatly improve wet weather performance of the plant. Construction of the final plant expansion project is needed in 2026-2027. Estimated project cost is \$8.9 million.

An alternative project includes separating Lift Station 2 from Basin 1/Carmel WWTP, sending all flow from Lift Station 2 to the Michigan Road WWTP. Lift Station 2, located at 106<sup>th</sup> and Spring Mill, serves the central one-third of our service area. It sends dry weather flow both directions, except in wet weather it sends all flow to our WWTP. Permanently separating Lift Station 2 would substantially reduce treatment costs at Carmel WWTP. Additional capacity would be needed at our WWTP, bringing buildout daily flow to 6.07 MGD, requiring construction of 3 additional vertical loop reactors.

At this time staff is updating the capital budget and fund projections to verify project impact. Short term borrowing may be necessary with the next plant expansion project. Staff is working with O.W. Krohn & Associates to complete a cost-benefit analysis of the aforementioned alternative, review fund projections to assess risk and borrowing needs, and offer financing alternatives. More information will be presented to the Board this summer as it becomes available.



## MEMORANDUM

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**To: C&C Committee**

**From: Wes Merkle**

**Date: June 4, 2018**

**Subject: Additional Service Area – Southwest corner of 96<sup>th</sup>/Keystone**

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CTRWD provides sanitary sewer service to all parcels in the area bound by 96<sup>th</sup> Street, Keystone Avenue and Interstate 465 in Marion County, except for several parcels along Haver Way. These parcels are served by a privately-owned gravity sewer, lift station, and force main, which pumps to a Carmel Utilities gravity sewer east of Keystone. This force main is in conflict with the 96<sup>th</sup> Street road improvements, and the City of Carmel has asked the private owners to relocate it, preferably to CTRWD's gravity sewer located approximately 350 feet from the lift station. Carmel would like the force main relocated and connected to our sewers as soon as possible so road work can begin.

Currently five buildings are connected to the private sewer system - two buildings are being demolished by Carmel and three buildings will remain after construction, each with different owners. The private system could serve future redevelopment in the area, which has multiple empty lots, and Carmel plans to sell remnant parcels after right of way acquisition is complete.

The private sewer system is 35-40 years old and in poor condition. Many repairs are needed. The private sewer system can be connected to District sewers if that system is brought up to District standards. Staff is reviewing recent inspection data to determine the minimum scope for repair work to make the private system safe, reliable and acceptable to connect to District sewers. Costs can then be determined and shared with the private owners, who would be responsible for any repairs as well as relocation costs. Carmel Utilities made clear that they will require similar repairs should the private owners decide to stay connected to their system.

If future complications arise with multiple owners of the private sewer system, or regarding future redevelopment in the area, it may be more efficient for CTRWD to take ownership of the system. Several years ago staff developed a conceptual sewer plan for the area south of 96<sup>th</sup> Street and west of Keystone, which included one lift station and gravity sewer system serving all of the homes and businesses. Currently the area is served by a mix of privately owned gravity sewers and lift stations, grinder stations, and septic systems.

At this time staff is gathering information and working with the property owners, Carmel Utilities and Carmel Engineering to find a solution.



## MEMORANDUM

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**To: Board of Trustees**

**From: Wes Merkle**

**Date: June 11, 2018**

**Subject: IDEM Application Withdrawal**

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The C&C Committee had an extensive discussion about the Antidegradation Application submitted to IDEM for the WWTP Post Treatment Improvement project and determined that best approach is to withdraw the application and proceed with the design of a parallel effluent discharge sewer to Ealge Creek. The Committee Members agreed to recommend to the Board to direct staff to withdraw the application.

Recommended Action: Direct staff to withdraw the Antidegradation Application and request proposals for the design of the parallel effluent sewer.