

**AGENDA
UTILITIES SERVICE BOARD MEETING**

Utilities Service Board Room
City of Bloomington Utilities
600 E. Miller Dr.
Bloomington, Indiana 47402

Julie Roberts, President
Jim Sherman, Vice President
Jason Banach
Amanda Burnham
Jean Capler
Jeff Ehman
Sam Frank
Terri Porter, ex-officio
Jim Sims, ex-officio

**Tuesday September 3, 2019
5:00 P.M. Regular Meeting**

- I. Call to Order
- II. Approval of the Minutes of Previous Meeting (August 19)
- III. Approval of the Claims
 - a. Standard Invoices
 - b. Utility Bills
 - c. Wire Transfers
 - d. Customer Refunds
- IV. Approval of Consent Agenda
 - a. Reed and Sons - \$18,075 – Change Order 1 to Agreement for Old State Rd 37 Water Main Replacement Project
 - b. Smith Brehob & Assoc. - \$24,400 – Green Infrastructure Stormwater Improvements
 - c. Layne Christensen Co. - \$1,742 - Inspection of Monroe WTP Transfer Pump # 2 Motor
 - d. Wessler Engineering - \$20,500 – Dillman Rd WWTP Disinfection System Improvements
 - e. Alt & Witzig Engineering - \$3,950 – Evaluation of Covered Outdoor Residuals Storage and Loading Facility at Monroe WTP
 - f. USA Technologies – Credit Card Processing for the South Bulk Water Station
 - g. Terminix International – \$10,000 - Pest Control at Dillman Rd WWTP
- V. Request Approval of Change Order #8 with Crider & Crider – IU Hospital Off Site Sanitary Sewer Project – Phil Peden
- VI. Old Business
- VII. New Business
- VIII. Subcommittee Reports
 - a. Request Approval of Resolution 2019-9
 - b. Request Approval of Resolution 2019-10
- IX. Staff Reports
- X. Petitions And Communications*
- XI. Adjournment

* Public comment will be limited to 5 minutes per person.

UTILITIES SERVICE BOARD MEETING

8/19/2019

Utilities Service Board meetings are recorded electronically and are available during regular business hours in the office of the Director of Utilities.

Board President Roberts called the regular meeting of the Utilities Service Board to order at 5:00 p.m. The meeting was held in the Utilities Service Board room at the City of Bloomington Utilities Service Center 600 East Miller Drive, Bloomington, Indiana.

Board members present: Julie Roberts, Sam Frank, Jeff Ehman, Jean Capler

CBU Staff present: Vic Kelson, Laura Pettit, Holly McLaughlin, Tom Axsom, Liberty Flora, James Hall, Mike Hicks, Brandon Prince, Nolan Hendon, Phil Peden, Chris Wheeler, Kelsey Thetonia, Missy Waldon, Jane Fleig

MINUTES

Board member Frank moved and board member Capler seconded the motion to approve the minutes of the August 5th meeting. Motion carried, 4 ayes. (5 members absent: Sherman, Banach, Burnham, Porter, Sims).

CLAIMS

Frank moved and Capler seconded the motion to approve the standard claims as follows:

Vendor invoices submitted included \$155,303.63 from the Water Utility, \$860,678.56 from the Wastewater Utility, \$201,264.78 from Water Sinking, and \$1,233.43 from the Stormwater Utility. Total Claims approved: **\$1,218,480.40**

Motion carried, 4 ayes.

Frank moved and Capler seconded the motion to approve the utility claims as follows:

Utility invoices submitted included \$107,602.61 from the Water Utility, \$75,806.58 from the Wastewater Utility, and \$0.00 from the Stormwater Utility. Total Claims approved: **\$183,409.19**

Motion carried, 4 ayes.

Frank moved and Capler seconded the motion to approve the wire transfers, fees, and payroll for July in the amount of \$449,514.54.

Motion carried, 4 ayes.

Frank moved and Capler seconded the motion to approve customer refunds as follows: Refunds submitted included \$0.13 from the Water Utility, \$1,712.82 from the

Wastewater Utility, \$0.00 from the Stormwater Utility, and \$0.00 from Sanitation. Total Claims approved: **\$1,712.95**

Motion carried, 4 ayes.

APPROVAL OF CONSENT AGENDA

Superintendent Kelson presented three items recommended by staff for approval:

- Monroe Owen Appraisals - **\$19,800** - Easement Acquisition for Jordan Culvert Project
- Donahue & Associates - **\$8,600** - Calculations for Anaerobic Digester Loading at Dillman WWTP
- Heritage Crystal Clean - **\$7,690** - Removal of Transformers from Monroe WTP

As these items weren't removed from consent agenda by the Board, agreements approved.

Motion carried, 4 ayes.

REQUEST FOR APPROVAL OF AGREEMENT WITH BRUCE WILDS SECURITY

Frank moved and Capler seconded the motion to approve the agreement

Motion carried, 4 ayes.

Asst. Director - Env. Programs Hall presented an agreement with Bruce Wilds Security to continue security agreement at Griffy WTP. This agreement includes security presence until the end of the year in hopes that demolition will be completed by that time. Board member Ehman mentioned the typical invoice for this service is approximately \$10,000 for a two-week period. Ehman asked why the cost to provide service is higher than \$80,000 or \$90,000 given that there are only 8 or 9 two-week periods remaining in 2019. Hall explained that the last contract was set up in a similar way: 24 hours per day, 7 days per week, for an extended period of time; however, the company charged CBU each time the company's employees were asked to turn on the lights. This contract covers the services provided in July as well. T&D is typically responsible for turning the lights on, but these employees would have been "on-call." No one is currently required to turn on the lights. The lights were rented from McCalister. The only cost savings associated with not having to turn on the lights is on the energy bill. **Total dollar amount of contract: \$126,732.00**

REQUEST FOR APPROVAL OF AGREEMENT WITH DONAHUE & ASSOCIATES

Frank moved and Capler seconded the motion to approve the agreement

Motion carried, 4 ayes.

Capital Projects Engineer Hicks presented a contract to the board that will result in the preparation and design of plans to replace the UV Disinfection System at Blucher Poole WWTP. Blucher Poole is required, by permit, to operate a disinfection system from April 1 until October 31 each year. The current disinfection system was installed in 1995. In 2015, the USB received a letter from the manufacturer suggesting they would only provide parts for this system until 2020. Donahue was selected to complete the design, bidding, construction services. The preliminary estimate of the cost to replace the UV system is \$1,200,000.

Total dollar amount of contract: \$188,000

REQUEST FOR APPROVAL OF AGREEMENT WITH BUILDING ASSOCIATES

Frank moved and Capler seconded the motion to approve the agreement

Motion carried, 4 ayes.

Hicks presented the contract with Building Associates to replace 11 roofs in total at the three plants: Monroe WTP, Blucher Poole WWTP, and Dillman Rd WWTP.

Total dollar amount of contract: \$440,600

REQUEST FOR APPROVAL OF 2020 BUDGET

The Finance Subcommittee recommended to approve the budget

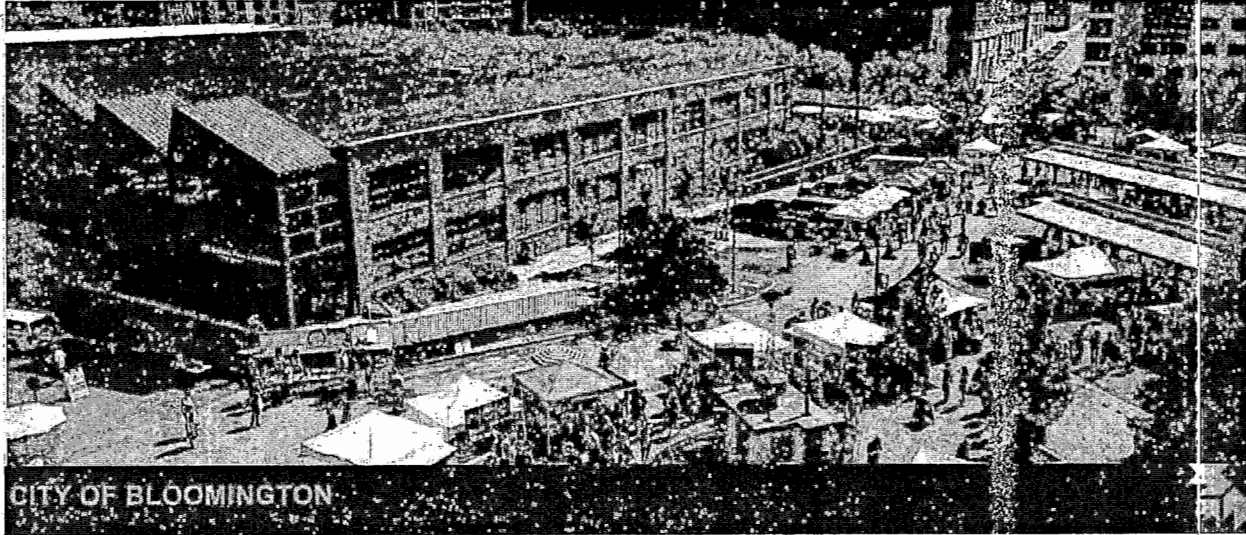
Motion carried, 4 ayes.

Kelson presented the proposed CBU 2020 budget, which was completed thanks to a collaborative effort amongst divisions. This year, the budget was evaluated in terms of Effective Utility Management (EUM), which is a strategy to holistically and proactively plan for the future of water utilities. The 10 attributes of EUM can be used as reference points to address issues and reach goals simultaneously. There are 6 initiatives Kelson mentioned to meet future goals: increased capacity for wastewater treatment, drinking water quality improvements, advanced metering infrastructure, water main replacements, improvements to the stormwater system, and process modernization. Together, these initiatives, EUM attributes, and goals have allowed CBU to effectively and efficiently prioritize projects.

One board member noted the importance of informing residents about opportunities, such as the customer assistance programs. Another board member discussed the importance of being able to communicate our goals to external stakeholders so they understand what CBU strives for; the number one attribute is product quality. The slides are as follows:

Utilities

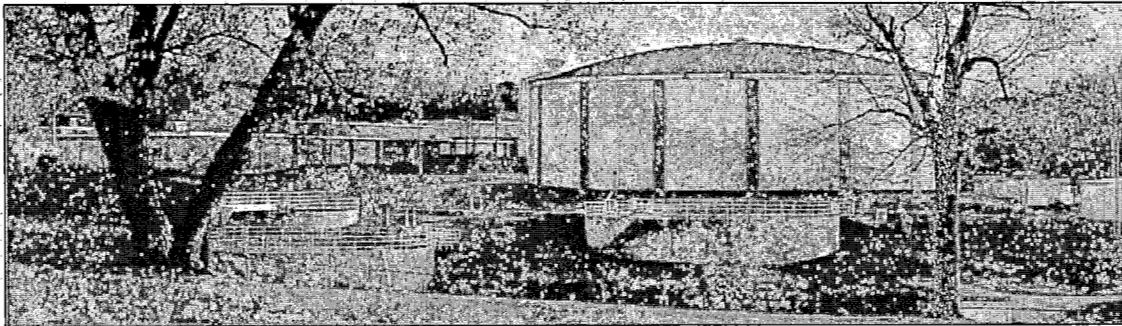
Budget Presentation FY 2020



CITY OF BLOOMINGTON

Why We Exist

The City of Bloomington Utilities exists to provide safe and sustainable water, wastewater, and stormwater services in an economical manner, promoting prosperity and quality of life in our community.



CITY OF BLOOMINGTON

Background

- At this time, CBU has 164 full-time and 19 hourly employees
- CBU operates as 6 interconnected Divisions
- Major initiatives include:
 - Improving water quality
 - Implementing the smart-meter program
 - Replacing water mains
 - Reinvigorating CBU's stormwater program
 - Modernizing CBU's internal processes

CITY OF BLOOMINGTON

2019 Budget Goals Update

Personnel Safety and Training

✓ Completed > In Progress

- ✓ Form an Incident Review Committee by July 1 to investigate Accident Reports
- ✓ Assemble a safety and training library (books, written materials, presentations) by September 1 with both physical and electronic resources so staff can check out topics of interest
- > Review the personnel training budget (1.5% of total budget) on a quarterly basis to ensure the funds are properly spent.
- > Personnel Safety and Training: Dedicate 1 hour per week to safety training and planning for all plant and T&D staff
- > Ensure that every CBU work team (15 total) has at least 1 person who is CPR-certified



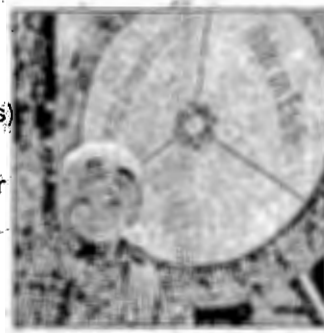
CITY OF BLOOMINGTON

2019 Budget Goals Update

Energy and Conservation

✓ Completed > In Progress

- ✓ Hire an intern by June 1 to work on data gathering and analysis efforts of the Water Fund Team
- Reduce CBU electricity consumption by 2% (587,890 kilowatt hours) in 2019 as compared to 2018
- Generate over 12% of electricity consumed by CBU on site by solar panels
- Develop a standardized K-12 water conservation curriculum by Q4 for CBU to implement in local schools



CITY OF BLOOMINGTON

2019 Budget Goals Update

Finance

✓ Completed > In Progress

- ✓ Implement first stormwater rate increase by July 1
- Complete cost-of-service study for wastewater collection and treatment by September 1 for 2020 implementation
- Begin a cost-of-service study for the water utility in Q3, to be completed in 2020.
- Implement training program on advanced metering initiative (AMI) for accounting, customer service, billings and collections staff in Q1
- Install at least 90% of advanced metering initiative (AMI) meters
- Conduct an organizational assessment for all of CBU by June 30, assigning positions in meter services that will be affected by the advanced metering initiative (AMI) to maintenance positions.



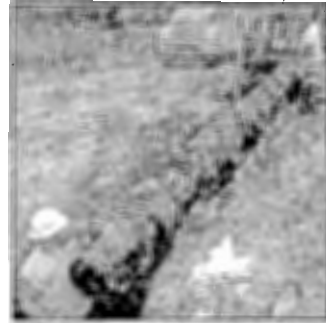
CITY OF BLOOMINGTON

2019 Budget Goals Update

Water Works

✓ Completed > In Progress

- > Maintain disinfection byproduct 12-month running average concentrations TTHM below 50 ppb and HAA5 below 40 ppb
- > Conduct analysis of algaecide vs ultrasonic for algae control in basin by July 1 and install preferred method by Q4
- > Water Distribution and Quality: Eliminate the hydrant meter rental program by Q4 to reduce the potential for backflow incidents
- > Water Distribution and Quality: Complete 2.5 miles of 420 miles of water main replacement



CITY OF BLOOMINGTON

2019 Budget Goals Update

Sewer Works

✓ Completed > In Progress

- > Complete design phase of Dillman Road WWTP equipment update, process modernization and capacity expansion
- > Implement Phosphorus Removal at the Blucher Poole WWTP by the end of Q3
- > Upgrade aeration diffusers at the Blucher Poole WWTP
- > Reduce chronic sanitary sewer overflows (SSOs) in CBU service area by 50% in 2019 as compared to 2018
- > Construct lift station and force main to support the eastside IU Health facility, including rerouting the Tamarron lift station and expanding the Northern Interceptor by Q4
- > Line 2.5 miles of sewer to reduce operational costs at the plants and improve the department's ability to manage wet weather



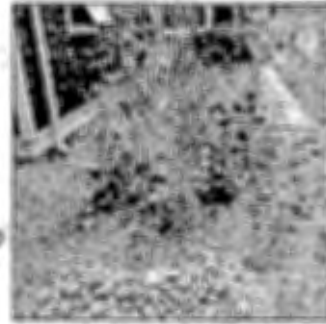
CITY OF BLOOMINGTON

2019 Budget Goals Update

Stormwater Utility

✓ Completed > In Progress

- ✓ Establish a dedicated Municipal Separate Storm Sewer System (MS4) Coordinator position within the Environmental Division by January 1 to enhance and improve stormwater management and education programs
- ✓ Develop program procedures of neighborhood grant program by June 1 to increase CBU's responsiveness to neighborhood stormwater efforts
- ✓ Advertise neighborhood grant program to the community by July 1 to increase CBU's responsiveness to neighborhood stormwater efforts

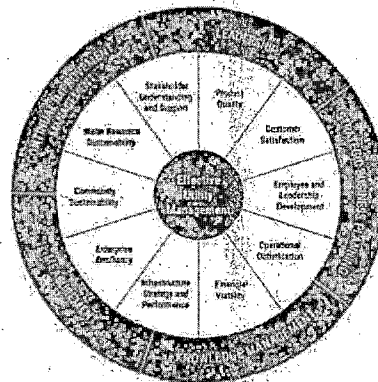


CITY OF BLOOMINGTON

2020 Budget Goals

We will present budget goals for the first 5 of the 10 activity areas described in AWWA's Effective Utility Management (EUM) framework. The remainder are in the Budget Memo to the Council.

- Product Quality (PQ)
- Operational Optimization (OO)
- Employee and Leadership Development (ED)
- Financial Viability (FV)
- Infrastructure Strategy and Performance (IS)
- Enterprise Resiliency (ER)
- Customer Satisfaction (CS)
- Stakeholder Understanding and Support (SS)
- Water Resource Sustainability (WR)
- Community Sustainability (SU)



CITY OF BLOOMINGTON

2020 Budget Goals

Product Quality (PQ)

Activity Description:

Produce "fit for purpose" water and other recovered resources (e.g. energy, nutrients, biosolids) that meet or exceed full compliance with regulatory and reliability requirements and consistent with customer, public health, ecological, and economic needs.



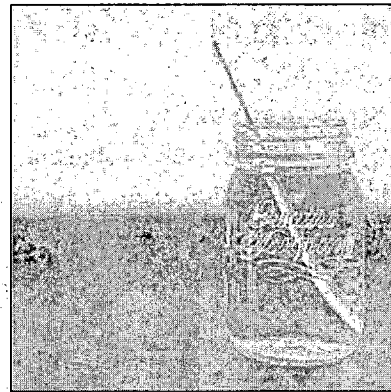
CITY OF BLOOMINGTON

2020 Budget Goals

Product Quality (PQ), continued

Water Works

- Operate the Monroe Water Treatment Plant 24 hours/day for 366 days in 2020.
- Maintain operations with disinfection byproduct levels of 50 ppb for Total Trihalomethanes (TTHM) and 40 ppb for Total Haloacetic Acids (HAA5).



CITY OF BLOOMINGTON

2020 Budget Goals

Product Quality (PQ), continued

Sewer Works

- Both wastewater treatment plants will operate 24 hours per day, 366 days during 2020
- Achieve the limits set forth in our National Pollutant Discharge Elimination System (NPDES) Permit.



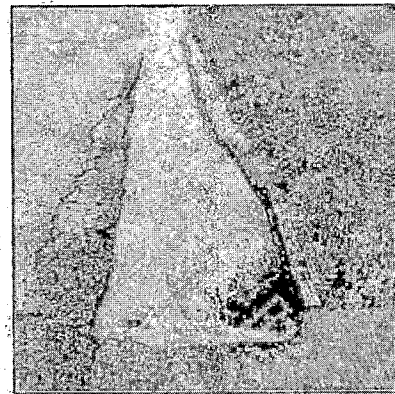
CITY OF BLOOMINGTON

2020 Budget Goals

Product Quality (PQ), continued

Stormwater Utility

- Complete the Illicit Discharge Direction and Elimination Program and Baseline Sampling requirements of the permit by September.
- Develop a Post Construction Program which will involve inspecting construction sites and retention ponds after construction projects have been completed.



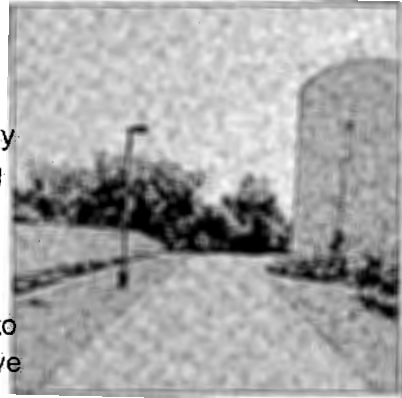
CITY OF BLOOMINGTON

2020 Budget Goals

Operational Optimization (OO)

Activity Description:

Minimize resource use, loss, and impacts from day-to-day operations, and reduce all forms of waste, by automating processes where possible and develop ways to make better, data-driven decisions. Develop ongoing, timely, cost-effective, reliable, and sustainable performance improvements in all facets of CBU operations in service to public health and environmental protection. Make effective use of data from automated and smart systems and identify information technology developments to support timely adoption of improvements.



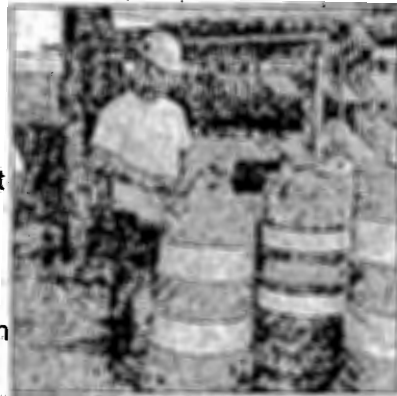
CITY OF BLOOMINGTON

2020 Budget Goals

Operational Optimization (OO), continued

All Utilities

- Complete major upgrades to its Supervisory Control and Data Acquisition (SCADA) systems at all three plants.
- Complete major upgrades to the Geographic Information System (GIS).
- Purchase and implement a Laboratory Information Management System (LIMS).
- Perform a benchmarking study in order to measure its key performance indicators against those of similar utilities across the country.



CITY OF BLOOMINGTON

2020 Budget Goals

Operational Optimization (OO), continued

Sewer Works

- Complete the pilot study which is measuring grease retention device performance by May, and evaluate CBU's Grease Retention Devices (GFD) program.
- After the initial evaluation period, recommend any new plan/code revisions to the EPA by December.



CITY OF BLOOMINGTON

2020 Budget Goals

Employee and Leadership Development (ED)

Activity Description:

Recruit, develop, and retain a workforce that is competent, motivated, adaptive, and safety-focused. Focus on ensuring that employee institutional knowledge is retained, transferred, and improved upon over time. Emphasize and invest in opportunities for professional and leadership development.



CITY OF BLOOMINGTON

2020 Budget Goals

Employee and Leadership Development (ED), continued

All Utilities

- Support professional and leadership development by allocating 1.5% of the personnel budget for professional training and development for each Division.
- To ensure enterprise continuity and resilience, develop a cross-training and succession planning program.



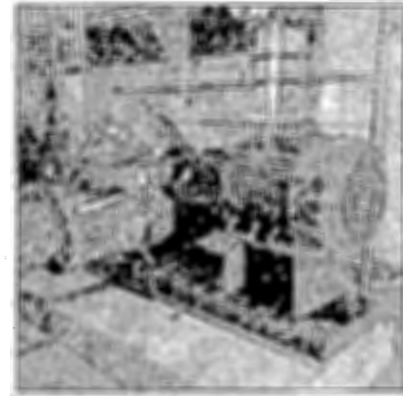
CITY OF BLOOMINGTON

2020 Budget Goals

Financial Viability (FV)

Activity Description:

Understand and plan for the full life-cycle cost of utility operations and value of water resources. Establish and maintain an effective balance between long-term debt, asset values, operations and maintenance expenditures, and operating revenues. Establish predictable rates and fees that are consistent with community expectations and adequate to recover costs, provide for reserves, maintain support from bond rating agencies, and plan and invest for future needs, while taking into account affordability and the needs of disadvantaged households.



CITY OF BLOOMINGTON

2020 Budget Goals

Financial Viability (FV), continued

All Utilities

- To understand the full life-cycle cost of CBU assets which inform the budgetary process, conduct an audit of capital assets and produce a capital asset replacement plan which will prioritize asset maintenance and replacement.
- To reduce costs, write an RFP for all external laboratory services needed for CBU operations, assuring competitive pricing and to determine which laboratories will be compatible with our LIMS system.



CITY OF BLOOMINGTON

2020 Budget Goals

Infrastructure Strategy and Performance (IS)

Activity Description:

Maintain and enhance the condition of all assets over the long term at the lowest possible life-cycle cost and acceptable risk consistent with customer, community, and regulator-supported service levels to assure that asset repair, rehabilitation, and replacement efforts are coordinated within the community to minimize disruptions and other negative consequences.



CITY OF BLOOMINGTON

2020 Budget Goals

Infrastructure Strategy and Performance (IS), continued

Water Works

- To address aging transmission and distribution infrastructure, CBU will invest \$1,700,000 in water-main replacement and lining activities. This will replace or repair an estimated 2.5 miles of water mains in 2020.



CITY OF BLOOMINGTON

2020 Budget Goals

Infrastructure Strategy and Performance (IS), continued

Sewer Works

- To improve energy efficiency and increase plant capacity, complete a modernization design "roadmap" for Dillman Road WWTP by 2Q.
- To meet new NPDES Permit requirements, replace the UV disinfection system and commission the phosphorus removal and aeration systems at Blucher Poole WWTP.
- Complete IU Health sewer and lift station.
- Complete the I69 Sewer relocations.



CITY OF BLOOMINGTON

Budget Highlights

- 5 new positions
 - Utilities Data Analyst (grade 7)
 - Environmental Program Specialist (grade 6)
 - Additional Operator at Dillman WWTP (10 total)
 - Green Infrastructure Lineperson
 - Green Infrastructure Laborer
- Participation with Lake Monroe Watershed Coalition
 - \$20,000 contribution towards the construction and operation of a flow/stage gage
- Increase neighborhood stormwater budget to \$200,000
- Allocate \$400,000 for green infrastructure improvements
- Begin work on the two-year Jordan River Tunnel project
- Increase the customer assistance program to \$45,000

CITY OF BLOOMINGTON

Utilities Revenue Summary

Revenue	2017 Actual	2018 Actual	2019 Budget	2020 Budget	Change (\$)	Change (%)
Water	\$15,724,953	\$17,925,942	\$19,183,855	\$19,190,617	\$6,762	0.00%
Sewer	\$21,848,009	\$23,299,137	\$24,182,913	\$24,290,521	\$107,608	0.44%
Stormwater	\$1,428,749	\$1,465,871	\$1,547,630	\$3,166,181	1,618,551	104.56%
Total Funds	\$39,001,712	\$42,690,950	\$44,914,398	\$46,647,319	\$1,752,921	3.86%

CITY OF BLOOMINGTON

Stormwater Utility Budget Summary

Budget Allocation Stormwater Utility	2017 Actual	2018 Actual	2019 Budget	2020 Budget	Change (\$)	Change (%)
100- Personnel Services	574,744	654,177	710,926	930,432	219,506	12.42%
200- Supplies	132,567	175,820	175,280	120,280	(55,000)	(15.97%)
300- Other Services	36,702	91,750	86,209	122,350	36,141	104.86%
300- Other Services- E&R	286,657	598,262	575,215	1,030,081	454,866	87.76%
400- Storm Sinking (P&I)***	0	0	0	963,038	963,038	n/a
Total	930,670	1,520,009	1,547,630	3,166,181	1,618,551	105.00%

CITY OF BLOOMINGTON

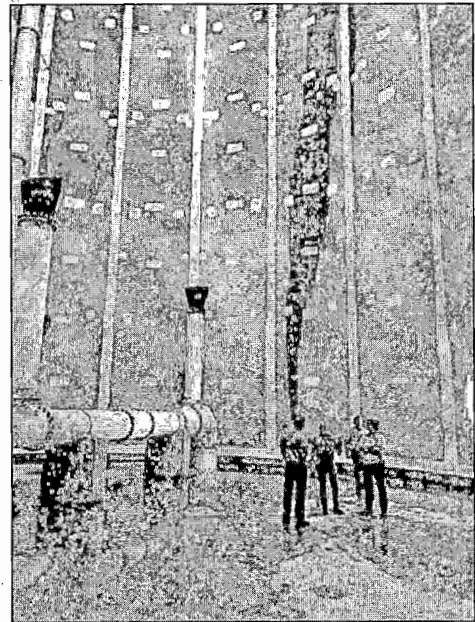
Conclusion

The 2020 Utilities budget request reflects increases that align with the stated goals of

- Improving water quality
- Implementing the smart-meter program
- Replacing water mains
- Reinigorating CBU's stormwater program
- Modernizing CBU's internal processes

Thank you for your consideration of the Utilities 2020 budget request.

I would be happy to answer any questions that you may have.



CITY OF BLOOMINGTON

RESOLUTION 2019-8

***Frank moved and Capler seconded the motion to approve the resolution
Motion carried, 4 ayes.***

Kelson introduced Attorney Wheeler, who discussed the resolution. The goal of this resolution was to change the Title 10 language to be more clear regarding sewer connection fees. There are times in which CBU would like to waive the fees for specific properties, e.g. HAND homes, but the ordinance says all properties connecting to the sewer system shall pay a user connection fee. The connection fees may be waived upon discretion of the director for either of these two instances:

- 1) Connection to the sewer system by single family residential units that are supported by HAND's affordability program
- 2) Connection of homes that are currently on a septic system as an economic incentive to connect rather than put in a new septic

The change in language only applies to these two programs/scenarios (no businesses, no apartments). One goal is to protect the MS4 system. Ehman asked if anyone knows the number of people who paid the connection fee (cost analysis) over the last 10 years. This number is unknown. Capler asked if workforce development homes are also designated as low-income. According to Wheeler, the low income definition used by the City is based upon HUD parameters (80% or less of median income for the household). Workforce Housing by the City is defined as being 81% up to 120% of median income for household). So, no, workforce housing would not qualify for the waiver program.

Kelson reminded everyone that this language establishes discretion; if this is approved by Council, then CBU can write rules for implementation and bring them to the USB to be reviewed. This process will be similar to the residential stormwater grant program. Further, other cities have similar frameworks CBU can use as guidance.

OLD BUSINESS: None.

NEW BUSINESS: None.

SUBCOMMITTEE REPORTS: Also on August 19, there was a Property and Planning Subcommittee meeting to discuss future Winston Thomas property plans. CBU is considering expanding a lease agreement with the police and fire departments. At this time, there is not enough information to have anything approved or to create a resolution, but the Subcommittee does support what CBU does moving forward.

STAFF REPORTS:

MS4 Coordinator Thetonia discussed CBU's work with Lawrence County Soil and Water Conservation District. They are collaborating to apply for a 319 grant for the Lower Salt Creek watershed, the area that drains south of Lake Monroe. CBU is interested in this project because Clear Creek is a part of the watershed. IDEM has completed a TMDL and identified factors of concern. There is also no existing watershed management plan for this watershed; however, if the grant is awarded, a plan can be written and the issues can be addressed. This plan will include nonpoint sources of pollution, which goes hand-in-hand with the MS4. Thetonia is writing a letter of support, and if the grant is awarded, CBU will offer staff work to help with education and outreach. Capler asked if this area includes the planned logging area. Thetonia suggested some of the wooded areas in the watershed is in the watershed. With this in mind Friends of Lake Monroe and CBU will deploy targeted outreach efforts.

Upcoming Schedule of Events:

Budget presentation - 8/20

CoSS to Finance Subcommittee - 8/26

CoSS approval - 9/3

CoSS to Council - Sept.

PETITIONS AND COMMUNICATIONS: None.

ADJOURNMENT: Frank moved to adjourn and the meeting was adjourned at 5:52 p.m.

Julie Roberts, President

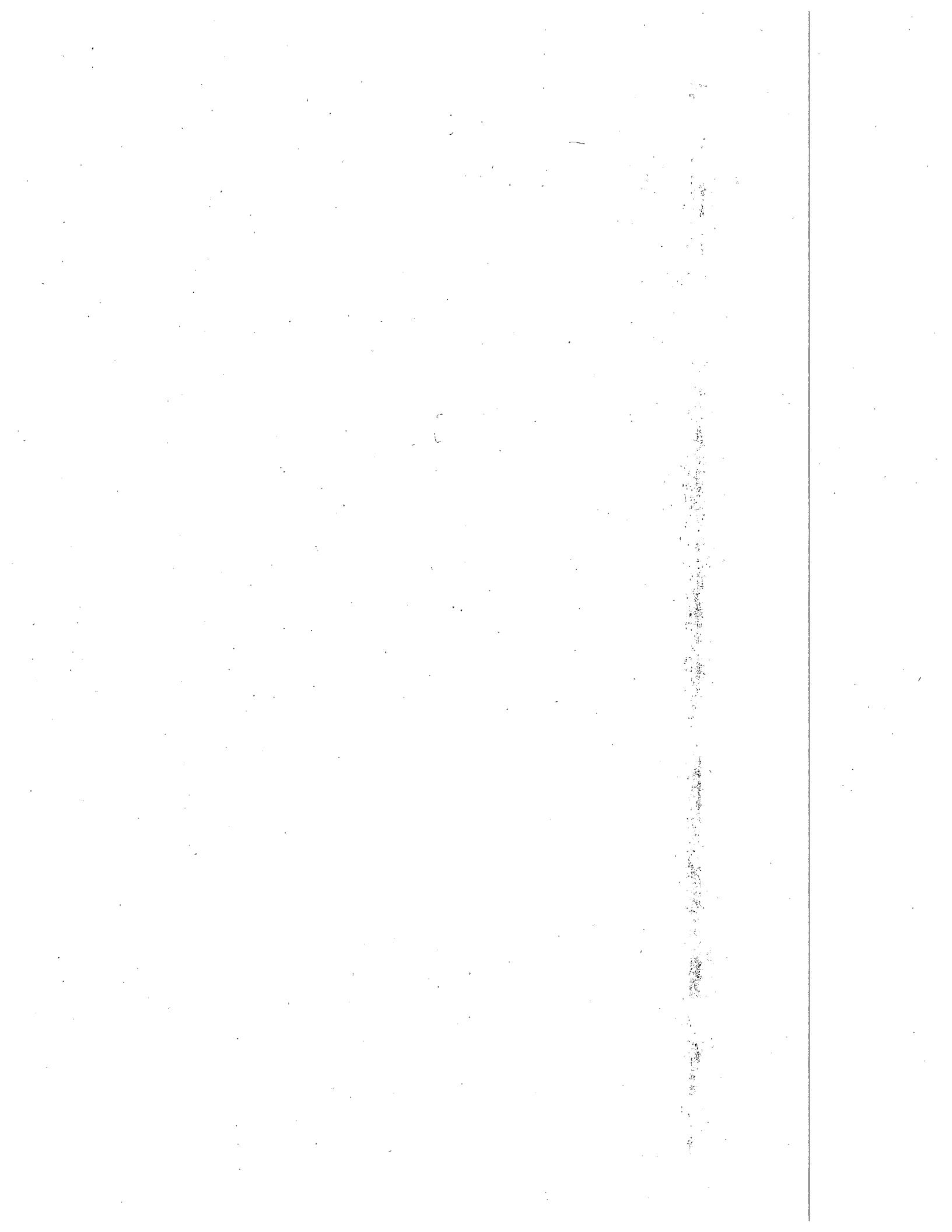
DATE

City of Bloomington Utilities
Accounts Payable by G/L Distribution Report
Paydate: 09/06/19

Vendor	Invoice No.	Invoice Description	Invoice	Water	Wastewater	Wastewater	Stormwater
			Amount	Water O&M	Construction	O&M	Sinking
Astbury Gabriel Corp (ESG Laboratories)	19011233	Testing - Digester grab @ Dillman WWTP - 07/29/19 - ENV	149.00			149.00	
ATC Group Services, LLC	2207236	Groundwater analysis RE: landfill @ Dillman to 08/02/19-ENG	985.66			985.66	
Bank Of New York	252-2220179	Admin fees for Sewage Works Revenue Bonds of 2017 - ACCT19-054	750.00				750.00
Bloomington Speedway Mulch, INC	17287	TD19-365 Yard of stone for Main break @ Washington & Kirkwood	60.75	60.75			
Bluestone, LLC	2976	W19-4316 - East Tank tree removal - ENG	10,500.00	10,500.00			
Brenntag Mid-South, INC	BMS345980	Sodium Hydroxide 11.4591 @ 625.00 delivered 07/31/19 - MN	7,161.94	7,161.94			
Brenntag Mid-South, INC	BMS349813	Robin 120 Polymer - 8.5799 @ 1.1290 delivered 08/07/19 - MN19-319	2,596.70	2,596.70			
Brenntag Mid-South, INC	BMS353485	Sodium hydroxide - 11.5391 @ 625.00 delivered 08/09/19 - MN	7,211.94	7,211.94			
Brenntag Mid-South, INC	BMS361913	Sodium Hydroxide 11.5288 @ 625.00 delivered 08/20/19 - MN	7,205.50	7,205.50			
Bruce Wilds Security, LLC	10920	24/7 Security at Griffy Plant Grounds - 08/03-08/16/19 - PUR	9,912.00	9,912.00			
Cassady Electrical Contractors, INC	18947	ENG19-051 Labor to transfer the electrical feeding MonroeWTP	765.00	765.00			
CDW, LLC	THQ5520	C2G 1m USB Cable for B Carlton in T&D - #1907896 - DIR	4.84	1.94		2.90	
Central Supply Company, INC	S100201906.001	DM19-115 Parts for the CL2 system with spare parts	471.48			471.48	
Central Supply Company, INC	S100201906.002	DM19-115 Hayward RPV2100TPE 1" relief valve CPVC/PTFE	670.17			670.17	
Central Supply Company, INC	S100206012.001	DM19-123 12" L hard x20' copper tube, 1/2" push fit couplings	128.18			128.18	
Central Supply Company, INC	S100208174.001	DM19-126 Male & female adapters 3/8 barb x1/4 NPT & 1/2 NPT	187.41			187.41	
Chemical Resources, INC	1118532	Sodium Aluminate - delivered 07/25/19 - 45,520 @ .1823 - DR	8,298.30			8,298.30	
Chemical Resources, INC	1118850	Sodium Aluminate - delivered 08/05/19 44,960 - @ .1823 - DR	8,196.21			8,196.21	
Chemtrade Chemicals Corporation	92706706	Aluminum Sulfate 11.068 @ 434.00 delivered - 08/09/19 - MN	4,803.51	4,803.51			
Chemtrade Chemicals Corporation	92707963	Aluminum Sulfate 11.064 @ 434.00 delivered - 08/12/19 - MN	4,801.78	4,801.78			
Chemtrade Chemicals Corporation	92713485	Aluminum Sulfate 10.978 @ 434.00 delivered -09/15/19 - MN	4,764.45	4,764.45			
Chemtrade Chemicals Corporation	92714621	Aluminum Sulfate 11.073 @ 434.00 delivered -08/20/19 - MN	4,805.68	4,805.68			
Cintas First Aid & Safety #2	8404250096	Restock first aid cabinet @ Blucher - 08/02/19 - BP19-136	171.16			171.16	
City Of Bloomington	07/31/19 Fuel	Fuel charges for all Utilities vehicles - July 2019	18,715.00	6,212.25		12,502.75	

City of Bloomington Utilities
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Vendor	Invoice No.	Invoice Description	Invoice Amount	Water O&M	Water Construction	Wastewater O&M	Wastewater Sinking	Stormwater O&M
City Of Bloomington	08/31/19Set Rate	Monthly set rate for utilities vehicle parts & repairs-Aug 2019	37,188.34	11,305.25		25,883.09		
City Of Bloomington Utilities	ACCT19-056	Replenish petty cash drawer - Receipt #1617 - ACCT19-056	125.00			125.00		
Complete Masonry Supplies, INC	86452	TD19-343 Pallet pavers 45 MIL pavers 60 MIL pavers 80MIL	1,512.90					1,512.90
Core & Main, LP	K956883	PUR19-300 200 HDPE-12 Storm pipe 12"	972.00	972.00				
Cosner's Ice Company	208002726	100 bags of Ice delivered 08/13/19 - TD19-394	150.00	60.00		82.50		7.50
Creative Graphics, INC (dba Baugh Enterprises)	6913	Printing & mailing water/wastewater bills - July 2019 - ACCT	11,267.49	4,507.00		6,760.49		
Crowe Horwath LLP	706-2264923	2019 Wastewater Rate Case to 07/31/19 ACCT19-055	27,664.70			27,664.70		
Donohue & Associates INC	12594-32	D14-80 - Jordan River Culvert Reconstruction to 08/03/19 - ENG	2,850.00					2,850.00
E&B Paving, INC	30021891	W18-4220 - Patching, yard grading & seeding - ENG	26,848.30		26,848.30			
E&B Paving, INC	30023113	Asphalt - Misc water/wastewater - 08/05-08/13/19 - TD	1,473.23	1,039.93		433.30		
Electric Plus, INC	22450	MN19-331 3.5 Flag pole light installation @ Monroe WTP	315.00	315.00				
Electric Plus, INC	23002	MN19-316 2.5 Outlet repair @ Monroe WTP	225.00	225.00				
Environmental Laboratories, INC	20297025	7 Oil & grease pickup -FOG Pilot Project for July 2019-ENV19-139	255.00			255.00		
Eurofins Eaton Analytical, INC	S340082	HAA5 & TTHM Analysis required for drinking water - DL19-069	1,710.00	1,710.00				
Eurofins Eaton Analytical, INC	S342752	Testing -Dissolved & total organic carbon, SUVA, UV - MN19-092	185.00	185.00				
Everett J Prescott, INC	5569111	PUR18-281 2" & 1 1/2" Ford compression nuts w/tracer wire anode	1,920.00	1,920.00				
Faco Waterworks, LLC	27005	BP18-236 Model 824 self contained aluminum slide gate	6,580.00			6,580.00		
Fastenal Company	INBLM213884	Restock supplies in machine - 08/02/19 - PUR	502.99	213.96		289.03		
Fastenal Company	INBLM213884-CR	Credit memo to invoice INBLM213884 1 adj wrench returned-PUR	(24.46)	(9.78)		(14.68)		
Fastenal Company	INBLM214006	Restock supplies in machine - 08/09/19 - PUR	403.20	178.84		224.36		
Fastenal Company	INBLM214141	Restock supplies in machine - 08/19/19 - PUR	332.57	140.20		192.37		
First Financial Bank, N.A.	30021891 #6	W18-4220 - RETAINAGE - Patching, yard grading & seeding - ENG	2,983.15		2,983.15			
First Financial Bank, N.A.	S18-6212 #6	S18-6212-Retainage-Dillman Aeration Basin Improv to 07/11/19-ENG	617.50			617.50		
Fisher Scientific Company, LLC	2203322	1 cs Ster smpl bag 18 oz - MN19-326	247.14	247.14				
Fisher Scientific Company, LLC	2877575	CalVer 2 Calcium indicator - MN19-326	108.52	108.52				
Fisher Scientific Company, LLC	3237907	CitraJet cleaner 4/pk - MN19-340	470.20	470.20				
Freedom Business Solutions, LLC	11409	Printer cleaner & repair for HP3005 - ACCT19-053	110.00	44.00		66.00		
George E Booth Co., INC	00316228	MN19-189 T-Cal plus 5.0 NTU, PTV cleaning kit	912.49	912.49				



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Vendor	Invoice No.	Invoice Description	Invoice	Water	Wastewater	Wastewater	Stormwater
			Amount	O&M	Construction	O&M	Sinking
George E Booth Co., INC	00317847	MN19-189 T-Cal plus 5.0 NTU, PTV cleaning solution & kit	550.32	550.32			
Gray Matter Systems, LLC	SIN010557	WS18-20605-SCADA System Architecture Improvments to 07/27/19-ENG	10,725.00	4,290.00		6,435.00	
Gray Matter Systems, LLC	SIN010558	WS18-20605-SCADA System Architecture Improvments to 07/13/19-ENG	1,485.00	594.00		891.00	
GRW Engineers, INC	0053011	S18-6215 - I-69 Section 5 Sewer Relocations to 07/27/19 - ENG	5,000.00			5,000.00	
HACH Company	11579096	PUR18-420 Ammonia monochloramine reagent set 8/5/19	465.75	465.75			
HD Supply Facilities Maintenance - (USA Bluebook)	948953	BP19-111 Replacement cartridge for effluent DO meter	224.65			224.65	
HD Supply Facilities Maintenance - (USA Bluebook)	968254	ENV19-129 Sludge nabber sampler portable PH 150 meter kit&tester	813.89			813.89	
HD Supply Facilities Maintenance - (USA Bluebook)	968950	BP19-135 2XL & L Powder free nitrile gloves, EzGGA solution	373.33			373.33	
HD Supply Facilities Maintenance - (USA Bluebook)	970180	BP19-137 Chamber brite autoclave cleaner	136.27			136.27	
HD Supply Facilities Maintenance - (USA Bluebook)	975591	BP19-144 Reactor block, TNT843-Total P, TNT844-Total P	1,208.99			1,208.99	
Heritage-Crystal Clean, INC	15784128	Payment #1 for removal of transformer @ Monroe WTP - ENV19-141	3,750.00	3,750.00			
HP Products Corporation	14472440	2 cs hot cups, 1 cs air freshener, 1 cs can liners - PUR19-317	329.57	131.83		197.74	
IDEXX Laboratories, INC	3051786747	DL19-074 Colilert media, QC set for coliform/e coli	1,214.73	1,214.73			
IDEXX Laboratories, INC	3051786754	DL19-074 QC set for coliform/e coli	213.52	213.52			
Indiana Oxygen Company, INC	9290687	Acetylene - DL19-071	377.59	377.59			
Indiana Oxygen Company, INC	9292303	Acetylene - DL19-071	345.28	345.28			
Indiana Oxygen Company, INC	9298692	Monthly cylinder rental @ Dillman WWTP - DR	203.84			203.84	
Indiana Oxygen Company, INC	9306499	2 boxes of welding rods - stock - TD19-399	21.50	8.60		12.90	
Indiana University Health Bloomington, INC	00094926-00	Drug screen DOT 5 Panel for 1 Blucher employee 07/25/19 BP19-149	45.00			45.00	
Indiana University Health Bloomington, INC	00094927-00	Drug screen DOT 5 Panel for 1 Blucher employee 07/25/19 BP19-149	45.00			45.00	
Industrial Service & Supply, INC	59123	Gauge & 1/4" bottom mounts for sewer line equip TD19-389	28.82			28.82	
J&S Locksmith Shop, INC	199415	6 2-cycle oil, 5 edging blades - PUR19-325	89.06	35.62		53.44	

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Vendor	Invoice No.	Invoice Description	Invoice	Water	Wastewater	Wastewater	Stormwater
			Amount	Water O&M	Construction	O&M	Sinking
Jacobi Carbons, INC	CI-5061704	Carbon (AquaSorb) 24,260 @ .678 delivered 08/06/19 - MN	16,445.85	16,445.85			
JCI Jones Chemicals, INC	796792	Sodium hypochlorite - 4,668 @ .7960 delivered 08/07/19 - MN	3,715.73	3,715.73			
JCI Jones Chemicals, INC	797305	Sodium Hypochlorite - 4,122 @ .7960 delivered 08/13/19 - DR	3,281.11			3,281.11	
JJ's Concrete Construction, LLC	49905	Concrete - Water @ 920 S Mitchell - 08/03/19 - TD	1,320.00	1,320.00			
JJ's Concrete Construction, LLC	49970	Concrete - Water @ Grimes Lane - 08/06/19 - TD	590.00	590.00			
JJ's Concrete Construction, LLC	49971	Concrete - Water @ 705 W Coolidge - 08/06/19 - TD	880.00	880.00			
JJ's Concrete Construction, LLC	50053	Concrete - Water & storm @ Fenway Ct - 08/08/19 - TD	605.00	302.50			302.50
JJ's Concrete Construction, LLC	50054	Concrete - Water & Sewer @ Greenfield Ct - 08/08/19 - TD	660.00	264.00		396.00	
JJ's Concrete Construction, LLC	50055	Concrete - Water @ 2805 Kings Ct - 08/08/19 - TD	605.00	605.00			
JJ's Concrete Construction, LLC	50275	Concrete - Water @ E Ramp Creek Dr - 08/12/19 - TD	410.00	410.00			
JJ's Concrete Construction, LLC	50276	Concrete - Water @ Sare Rd - 08/13/19 - TD	798.00	798.00			
JJ's Concrete Construction, LLC	50353	Concrete - Water @ Grimes & Lincoln - 08/14/19 - TD	400.00	400.00			
John Deere Financial (Rural King)	JRNL#F81690/62	10 Bags of fertilizer - stock - TD19-393	109.90	43.96		60.45	5.49
John Deere Financial (Rural King)	JRNL#F88315/62	Cordless drill, hole saw bits, arbors - TD19-406	130.86	130.86			
John Deere Financial (Rural King)	JRNL#L93355/62	5 Gallons of parts cleaner - stock - TD19-391	49.99			49.99	
John Deere Financial (Rural King)	JRNL#L93747/62	Cas can, torpedo level, 2' level, hammer - TD19-400	86.16	34.46		47.39	4.31
Kirby Risk Corp	S110458808.001CR	Shipping charge for Hammond Transformer - BP19-118	15.86			15.86	
Kirby Risk Corp	S110529737.001	Rack MTD Power Supply for West Booster - TD19-368	1,852.84	1,852.84			
Kirby Risk Corp	S110549031.001	Smart UPS for flowcam analyzer - MN19-333	625.00	625.00			
Kroger Limited Partnership I	291335	Beverages for Customer Service/UMS meeting - ADMIN19-058	7.77	3.11		4.66	
Lawson Products, INC	9306940822	Misc bits, fittings, cap screw, nuts & washers - BP19-145	742.23			742.23	
Lee Supply Corporation	S100141789.001	2 Water gauges - ENG19-079	71.65	71.65			
MacAllister Machinery Co, INC	R67310547903	S19-6305 - Rental of track loader 07/23-08/20/19 - TD19-268	4,511.00			4,511.00	
MacAllister Machinery Co, INC	R67316625901	S19-6305 - Rental of hoe ram 07/08-07/11/19 - TD19-340	3,411.00			3,411.00	
Mark Osborne (Control Freaks Consulting)	218Inv-TD19-360	TD19-360 Flow meter electronic cartridge & 5 hours labor	2,381.00	2,381.00			

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Vendor	Invoice No.	Invoice Description	Invoice	Water	Wastewater	Wastewater	Stormwater
			Amount	Water-O&M	Construction	O&M	Sinking
Mark Osborne (Control Freaks Consulting)	219Inv-MN19-337	MN19-337 3 SCADA programming issue on filter #1 and filter #6	315.00	315.00			
Menards, INC	30604	4 Scaffold pins, eyeware, 7' guard rail side - MN19-330	115.72	115.72			
Menards, INC	31076	AA batteries, 2'-4' extension pole, 2 gal paint - MN19-336	350.96	350.96			
Menards, INC	31307	Glue, flush bushing, primer for test bench - TD19-401	6.76	6.76			
Menards, INC	31315	Copper tube caps, wet/dry sheet, screwdriver set & misc MN19-343	175.98	175.98			
Milestone Contractors, LP	125862	Asphalt - Main break @ 6th St - 08/01/19 - TD	5,606.93	5,606.93			
Mitchell & Stark Construction Co., INC	518-6212 #6	S18-6212 - Dillman Rd Aeration Basin Improv to 07/11/19 - ENG	11,732.60			11,732.60	
Monroe County Government	082019-COBU	Misc copies made - 07/08-07/31/19 - ENG	48.00	19.20		28.80	
Monroe County Government	ENG19-084	Record sewer line easement for IU Hospital force main ENG19-084	25.00			25.00	
Office Depot, INC	332545655001	1 pk mechanical pencils .7mm - DR19-066	6.79			6.79	
Office Depot, INC	351593949001	2 Phone rests, misc pens, stadium file - CS19-044	93.62	37.45		56.17	
Office Depot, INC	351896460001	Plastic dividers - TD19-371	2.08	.83		1.14	.11
Office Depot, INC	351896461001	1 bx top-loading sheet protectors - TD19-371	5.89	2.36		3.24	.29
Office Depot, INC	351997216001	Imaging drum, black toner - MN19-321	178.80	178.80			
Office Depot, INC	352733384001	Credit memo for returned pens - CS19-044	(6.53)	(2.61)		(3.92)	
Office Depot, INC	354873640001	Staples, tablets, correction tape, duster, sharpies - TD19-378	31.64	12.66		17.40	1.58
Office Depot, INC	356771559001	2 dz pens, rubber fingertips, binder clips, folders-ADMIN19-057	43.94	17.58		26.36	
Office Depot, INC	357991677001	10 sets of insertible dividers - DR19-067	2.90			2.90	
Office Depot, INC	357991678001	4 pk Notebook pockets, 2 bx pens - DR19-067	45.24			45.24	
O'Reilly Automotive Stores, INC	1903-473902	ENG19-082 Auto mats for vehicle #587	39.99	16.00		23.99	
Paragon Micro, INC	878916	Logitech M510 Mouse for G Towell #1908005 - DIR	34.99			34.99	
Richard's Small Engine, INC	355399	2 PTO Belts for truck #'s 609 & 660 - TD19-402	62.96	25.18		34.63	3.15
Ricoh USA, INC	5057142370 CBU	Copier maintenance - 06/17-07/16/19 - BP, MN, DR, SC	139.70	31.57		108.13	
Rogers Group, INC	0071172438	S19-6305 - Misc stone - stock - 07/29-08/02/19 - TD	2,729.64	406.48		2,323.16	
Rogers Group, INC	0071172548	S19-6305 - Misc stone - stock - 08/05-08/08/19 - TD	2,596.80	335.89		2,260.91	
Rosen & Rosen Industries (R&R Industries)	562129-CBU	PUR19-344 ANSI 2 vest mesh lime- LG, XL, 2XL Utilities portion	122.67	49.07		73.60	
Schaeffer Manufacturing Company	BS1859-INV1	3 Moly full synthetic gear lube - BP19-133	810.54			810.54	
Southern Indiana Parts, INC (Napa Auto Parts)	277535	10 1 gallon jugs of Rotella, 2 cs rotella - PUR19-323	360.94	144.38		216.56	
Southside Rental Center, INC	16318	Propane for forklifts - PUR19-334	138.04	55.22		82.82	
Stansifer Radio Co, INC	33954	Wall adapter/CAT-5 cable - MN19-341	1.10	1.10			
Stansifer Radio Co, INC	33967	A/C to D/C adapter for Park Ridge LS - TD19-397	12.20			12.20	
State Of Indiana	08/08/19 CBU	Water usage - 07/01-07/31/19 - MN	16,144.97	16,144.97			

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Vendor	Invoice No.	Invoice Description	Invoice Amount	Water	Wastewater	Wastewater	Stormwater
				O&M	Construction	O&M	Sinking
State Of Indiana	CL I -A Kasinger	Wastewater Operator Exam for Austin Kasinger (CL I) - DR19-069	30.00			30.00	
Sullivan-Brough, INC (Safety Wear)	3309992	4 34 Liter cylinders of gas for gas detectors - TD19-398	616.00	246.40		338.80	30.80
Sunbelt Rentals, INC	92774359-0001	2 16" saw blades for truck #629 - TD19-395	300.00	120.00		165.00	15.00
Synchrony Bank	436975968537	PUR19-332 Yootech wireless charger for iPhone	13.99	5.60		8.39	
Synchrony Bank	448585445959	PUR19-332 Supcase unicorn beetle case for iPhone	19.99	8.00		11.99	
Synchrony Bank	465798395366	TD19-362 Arduino uno R3 power supply adapter wires relay module	80.52			80.52	
Synchrony Bank	546495994497	PUR19-294 Magnetic strip with self adhesive flexible roll	43.96	17.58		26.38	
Synchrony Bank	554439585779	PUR19-333 Ridgid pipe wrench 10"	39.51	15.80		23.71	
Synchrony Bank	743735633674	PUR19-333 Ridgid pipe wrench 6"	24.95	9.98		14.97	
Synchrony Bank	755765648643	PUR19-333 Ridgid pipe wrench 14"	54.52	21.81		32.71	
Synchrony Bank	757864586573	TD19-358 Warrick probe, gems sensors probe 1/4"	125.22			125.22	
Synchrony Bank	959538457466	Room Alert 3E Temp and entrance alert monitor-Monroe-#1907828	185.00	185.00			
United Parcel Service, INC	0000430948309	Shipping charges - 07/18-07/23/19 - LAB, ENV, PUR	61.04	22.89		38.15	
United Parcel Service, INC	0000430948329	Shipping charges - 08/09/19 - TD, PUR	50.38	20.15		30.23	
Virtuoso Sourcing Group, LLC	26537	Collection agency fee - 08/14/19 - AR	11.42	4.57		6.85	
Virtuoso Sourcing Group, LLC	26538	Collection agency fee - 08/07/19 - AR	2.52	1.01		1.51	
W.W. Grainger, INC	9246178546	DM19-131 15"x15"x1/8 Aramid fibers w/nitrial gasket material	40.22			40.22	
Water Solutions Unlimited, INC	31875	Sodium thiosulfate 110.99 @ 4.64 delivered 07/31/19 - MN	515.01	515.01			
Water Solutions Unlimited, INC	31931	Sodium thiosulfate 260.00 @ 4.64 delivered 08/02/19 - MN	1,206.40	1,206.40			
Water Solutions Unlimited, INC	31932	Sodium Permanganate 449.99 @ 7.76 delivered 08/02/19 - MN	3,491.91	3,491.91			
Water Solutions Unlimited, INC	32025	Sodium Permanganate 264 @ 7.76 delivered 08/07/19 - MN	2,048.64	2,048.64			
Water Solutions Unlimited, INC	32026	Sodium thiosulfate 260 @ 4.64 delivered 08/07/19 - MN	1,206.40	1,206.40			
Wessler Engineering, INC	33977	W19-4309 - Monroe WTP Residual Dewatering Improv to 07/31/19-ENG	35,841.50	35,841.50			
Wessler Engineering, INC	34000	S19-6302 - Dillman WWTP Filter Controls Upgrade to 07/31/19- ENG	4,359.32			4,359.32	
White River Cooperative, INC	7107097	285 gal of Diesalex-4 fuel @ \$2.30 per gallon 07/29/19 MN19-332	655.50	655.50			
White River Cooperative, INC	7107173	255 gallons of diesel fuel for pumps stored at Blucher-MN19-342	563.55	563.55			
Young Environmental Solutions, INC (Pest Pros)	629849	DM19-134 One shot service for rats, mice and midges @ Dillman	1,600.00			1,600.00	
Young Trucking, INC	102544	Hauling sludge from Blucher WWTP - 07/22-07/26/19 - BP, OP	1,205.30			1,205.30	

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Vendor	Invoice No.	Invoice Description	Invoice Amount	Water O&M	Water Construction	Wastewater O&M	Wastewater Sinking	Stormwater O&M
Young Trucking, INC	102596	Sand delivered to Dillman for drying beds - 07/24/19 - DS19-009	2,413.78			2,413.78		
Young Trucking, INC	102665	Hauling sludge from Blucher WWTP - 07/31/19 - BP, OP	591.74			591.74		
Young Trucking, INC	102666	Hauling sludge from Dillman WWTP - 07/29-07/30/19 - DR, OP	11,696.48			11,696.48		
Grand total:			413,645.61	208,454.57	29,831.45	169,875.96	750.00	4,733.63

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Utility Bills

Vendor	Invoice No.	Invoice Description	Invoice Amount	Water O&M	Wastewater O&M
AT&T	8123347689 8/19	812-334-7689 Service - Utilities - 08/07-09/06/19	209.27	83.71	125.56
AT&T	849469661 8/19	849469661 Long Distance charges - All Depts (excluding plants)	146.17	58.47	87.70
AT&T Mobility II, LLC	287268772596 819	Service - Directors Office - 07/12-08/11/19	238.08	71.43	166.65
AT&T Mobility II, LLC	287273058032 819	Service - 287273058032 812-360-0681 - Monroe Maintenance	59.52	59.52	
AT&T Mobility II, LLC	287289748780 819	Service - Cell phones for all depts - 07/12-08/11/19	1,289.48	414.22	875.26
AT&T Mobility II, LLC	287290814431 819	Service - 287290814431 Modems for AMI Project	205.68	82.27	123.41
City Of Bloomington Utilities	36777-001 07/19	36777-001 Tamarron LS Water/Wastewater charges 07/01-07/31/19	23.06		23.06
City Of Bloomington Utilities	39355-001 07/19	39355-001 Dillman WWTP Water/Wastewater charges 07/01-07/31/19	1,581.97		1,581.97
City Of Bloomington Utilities	40754-001 07/19	40754-001 Blucher Poole Water/Wastewater charges 07/01-07/31/19	8,425.16		8,425.16
City Of Bloomington Utilities	50913-001 7/19	50913-001 Service Center Water/Wastewater charges 07/01-07/31/19	760.43	304.17	456.26
DirecTV, LLC	36585462005 8/19	012965923 Service - Blucher WWTP 08/10-09/09/19	71.24		71.24
DirecTV, LLC	36590528127 8/19	019972085 Service -Dillman WWTP 08/12-09/11/19	71.24		71.24
DirecTV, LLC	36591837925 8/19	012965850 Service - Monroe WTP 08/12-09/11/19	71.24	71.24	
Duke Energy	01302794010 8/19	Service - Azelea Lane Lift Station (Walnut Creek)	72.17		72.17
Duke Energy	01502837016 8/19	Service - Winston Thomas Lift Station - Lighting	121.67		121.67
Duke Energy	03302795010 8/19	Service - Griffy Plant Outdoor Lighting	29.60	29.60	
Duke Energy	06902792013 8/19	Service - Park Ridge Lift Station	11.15		11.15
Duke Energy	08302838012 8/19	Service - Hyde Park Edward Lift Station	42.23		42.23
Duke Energy	17302673012 8/19	Service - Hyde Park / Olcott Lift Station	41.29		41.29
Duke Energy	19502809019 8/19	Service - Barge Lane SW Tank	31.89	31.89	
Duke Energy	21303754013 8/19	Service - Knightridge Lift Station	44.80		44.80
Duke Energy	22002815013 8/19	Service - Dogwood Booster Station	387.37	387.37	
Duke Energy	30502673013 8/19	Service - Gentry Booster Station	2,009.85	2,009.85	
Duke Energy	37803925012 8/19	Service - Bulk Water Station @ 3230 S Walnut St	17.46	17.46	
Duke Energy	38302790016 8/19	Service - Park 37 Lift Station	32.48		32.48
Duke Energy	38402673017 8/19	Service - Morningside Drive Lift Station	90.01		90.01
Duke Energy	41003538018 8/19	Service - July - August 2019 - BS, TD, LS	4,046.72	2,129.68	1,917.04
Duke Energy	41302788012 8/19	Service - Griffy (outdoor lighting) N Dunn St	30.87	30.87	
Duke Energy	41402795016 8/19	Service - Rusgan Drive Lift Station	46.57		46.57
Duke Energy	46002802015 8/19	Service - Arlington Park Lift Station	92.39		92.39
Duke Energy	53803705018 8/19	Service - Prow Road Lift Station	28.05		28.05
Duke Energy	58802801015 8/19	Service - Oolitic Lift Station	13.66		13.66
Duke Energy	64002790015 8/19	Service - Basswood Circle Lift Station	94.65		94.65
Duke Energy	69302799016 8/19	Service - Stonelake Drive Lift Station	34.96		34.96
Duke Energy	69702789010 8/19	Service - Cory Lane Lift Station	25.81		25.81
Duke Energy	77202799011 8/19	Service - W 17th Street Lift Station	68.53		68.53
Duke Energy	83303564023 8/19	Service - Adams Street Lift Station	44.68		44.68
Duke Energy	85502786011 8/19	Service - Red Bud Tower Tank	88.81	88.81	
Duke Energy	87402837010 8/19	Service - Winston Thomas Lagoon (lighting)	19.28		19.28
Duke Energy	91903614027 8/19	Service - Fullerton Pike Lift Station	69.50		69.50
Smithville Telephone Co Inc	8128241616 8/19	Service - 812-824-1616 SE Pumping Station 07/20-08/19/19	95.88	95.88	
Vectren	N0814658 8/19	Service - 5352776 South Central Booster Station 07/05-08/07/19	19.00	19.00	
Vectren	N1078457 8/19	Service - 5463700-0 Service Center 07/05-08/07/19	93.76	37.50	56.26
Vectren	N1244359 8/19	Service - 5463945-5 S Washington St Storage 07/05-08/07/19	17.00	6.80	10.20

Grand total:

21,014.63 6,029.74 14,984.89

WIRE TRANSFERS, FEES & PAYROLL FOR THE MONTH OF AUGUST, 2019

INDIANA DEPARTMENT OF REVENUE (SALES TAX - JULY, 2019)	\$0.00
INDIANA DEPARTMENT OF REVENUE - RECEIPTS TAX 3RD QUARTER UTILITY RECEIPTS TAX	\$0.00
NPC CHARGE CARD FEES - JULY, 2019	\$0.00
FIRST FINANCIAL ACCOUNT ANALYSIS FEES - JULY, 2019	\$0.00
GROSS PAYROLL 8/30/2019	\$330,367.30
FICA TAX 8/30/2019	\$23,987.14
TOTAL	\$354,354.44

Wire Transfers, Fees, & Payroll for August, 2019

Allowance of Wire Transfers, Fees, and Payroll - We have examined the transactions listed on the foregoing Register. These Wire Transfers, Fees, and Payroll are hereby allowed in the total amount of:

\$354,354.44

Dated this 3rd day of September 2019

Signatures of Governing Board

City of Bloomington Utilities
 Accounts Payable by G/L Distribution Report
 Paydate: 09/06/19

CUSTOMER-REFUNDS

Vendor	Invoice No.	Invoice Description	Invoice Amount	Check No.	Reason for refund	Water Funds	Wastewater Funds	Stormwater Funds	Sanitation
S.H. Alani	1954-002	Customer refund	\$1,419.97	26354	Customer has largely overpaid each month since August 2018, remaining credit bal when finalized.		\$1,419.97		
Chris Bomba	8522-003	Customer refund	\$8.15	26355	Customer overpaid in July, giving acct a credit each month until finalized.	\$8.15			
Megan Fawcett	25101-017	Customer refund	\$6.09	26356	Meter misread on July reading, giving account a credit when finalized.		\$6.09		
Juliet R Istrabadi	44671-006	Customer refund	\$2,004.87	26357	Customer has been overpaying each month since Aug 2018, remaining credit on acct when finalized.		\$2,004.87		
Nathan Krishnaswami	33046-025	Customer refund	\$64.27	26358	Overpaid in May, giving the account a credit each time they paid each month, remaining credit amt when finalized.		\$64.27		
Katy Lester	32138-010	Customer refund	\$18.71	26359	Meter misread on July reading, giving account a credit when finalized, also paid the credit amt in error.		\$18.71		
Evan Thomas Long	34226-025	Customer refund	\$10.13	26360	Customer overpaid in July in error, credit amount remaining when finalized.		\$10.13		
Merlin Mundy	201151-001	Customer refund	\$34.77	26361	Credit bal remaining on account after August lab bills calculated- customer requested a refund.	\$34.77			
Nicholas Alan Nickerson	15620-019	Customer refund	\$99.90	26362	Duplicate payment made in August in error, customer requested pmt refunded.		\$99.90		
Kendra Obermaier	17086-019	Customer refund	\$90.76	26363	Overpayment on their August bill, giving account a credit when finalized.		\$90.76		
Alexander Queen	35842-022	Customer refund	\$45.74	26364	Large overpayment made in July, giving account a credit each month until finalized.		\$45.74		
Anna Slack	19442-023	Customer refund	\$6.42	26365	Meter misread on July reading, giving account a credit when finalized.		\$6.42		
Andrew W Tilton	45513-009	Customer refund	\$41.76	26366	Customer made large payment in August 2018, remaining credit bal when finalized.		\$41.76		
Mary L Toner	22617-005	Customer refund	\$112.93	26367	Customer overpaid in May in error, requested overpayment be refunded.		\$112.93		
Anna Francis Walker	17322-003	Customer refund	\$0.91	26368	Meter misread on July reading, giving account a credit when finalized.		\$0.91		
<u>\$3,965.38</u>						<u>\$42.92</u>	<u>\$3,922.46</u>	<u>\$0.00</u>	<u>\$0.00</u>
\$3,965.38									



MEMORANDUM

TO: Mayor & Controller
FROM: Jane Fleig, Utilities
DATE: 8/27/19
RE: Old State Road 37 Water Main Replacement Project
Change Order 1 to Agreement with Reed and Sons Construction, Inc.

Funding Source: 009-U10500

Total Dollar Amount of Contract: Original Agreement: \$774,115.00
Change Order No 1: \$18,075.00
Total Agreement: \$792,190.00

Expiration Date of Contract: July 31, 2020

Department Head Initials of Approval: VK

Due Date For Signature: For USB meeting on Tuesday, September 3, 2019

Record Destruction Date (Legal Dept to fill in):

Legal Department Internal Tracking #:

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Christopher J. Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Jane Fleig

Summary of Contract: Change order to add tree removal, additional length of pipe and alternate pipe installation methods.



MEMORANDUM

TO: Mayor Hamilton/Controller/USB
FROM: Phil Peden, Utilities
DATE: August 28, 2019
RE: Request for Approval of Professional Engineering Services Agreement.

Funding Source: 011-U13124

Total Dollar Amount of Contract: Not to Exceed: \$ 24,400.00

Expiration Date of Contract: 12/31/2020

Department Head Initials of Approval: ✓K

Due Date For Signature: asap

Record Destruction Date (Legal Dept to fill in): 2030

Legal Department Internal Tracking #: 19-422

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

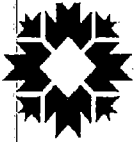
Christopher J. Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Phil Peden

Summary of Contract:

Consultant will provide drainage analysis and construction drawings for green infrastructure stormwater improvements along Devon Lane.



MEMORANDUM

TO: Controller/USB
FROM: Cindy Shaw, Utilities
DATE: August 26, 2019
RE: REQUEST APPROVAL FOR SERVICES WITH LAYNE
CHRISTENSEN CO

Funding Source: 009-61-900004-U62032

Total Dollar Amount of Contract: \$1,742.00

Expiration Date of Contract: November 30, 2019

Department Head Initials of Approval: VK

Due Date For Signature: August 27, 2019

Record Destruction Date (Legal Dept to fill in): 2029

Legal Tracking #: 19-421

**PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS
ATTORNEY:**

Chris Wheeler

**ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS
DEPARTMENTAL EMPLOYEE:**

Cindy Shaw

Summary of Contract: Pull motor from MWTP transfer pump #2 for inspection and service (does not include repair of motor)).



MEMORANDUM

TO: Mayor Hamilton/Controller/CBU
FROM: Mike Hicks
DATE: August 26, 2019
RE: Request Approval of Professional Services Agreement with Wessler Engineering, Inc.

Funding Source: 2019 Waterwater Budget 010-U13121

Total Dollar Amount of Contract: \$20,500.00

Expiration Date of Contract: December 31, 2019

Department Head Initials of Approval: VK

Due Date For Signature: 9/3/19, 5:00 pm

Record Destruction Date (Legal Dept to fill in):

Legal Department Internal Tracking #: 19-425

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY: Christopher Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Mike Hicks/Liberty Flora

Summary of Contract:

City of Bloomington Utilities intends to proceed with improvements to the controls of the disinfection system at the Dillman Road Wastewater Treatment Plant. These improvements are being undertaken to provide a flow paced dosage of sodium hypochlorite and sodium bisulfite at operator selected dosages.



MEMORANDUM

TO: Mayor Hamilton/Controller/CBU
FROM: Mike Hicks
DATE: August 26, 2019
RE: Request for Approval of Professional Services Agreement with Alt & Witzig Engineering, Inc.

Funding Source: 2019 Water Budget 009-U13121

Total Dollar Amount of Contract: \$3,950.00

Expiration Date of Contract: November 15, 2019

Department Head Initials of Approval: VK

Due Date For Signature: 9/3/2019, 5:00 pm

Record Destruction Date (Legal Dept to fill in): 2029

Legal Department Internal Tracking #: 19-427

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Christopher Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Mike Hicks/Liberty Flora

Summary of Contract:

The scope of services includes geotechnical exploration, evaluation, and structural design recommendations for the construction of a covered outdoor residuals storage and loading facility at the Monroe WTP. This is complementary to the dewatering system replacement and improvements project.



MEMORANDUM

TO: Controller/USB
FROM: Laura Pettit, Utilities
DATE: 8/27/19
RE: Request for Approval of Card Transaction Processing Agreement For the South Bulk Water Station

Funding Source: 009-54-900007-U67501

Total Dollar Amount of Contract: None. Card transaction processing agreement.

Expiration Date of Contract: September 3, 2023 (with an option to extend one additional year)

Department Head Initials of Approval: VK

Due Date For Signature: For USB meeting on Tuesday, September 3, 2019

Record Destruction Date (Legal Dept to fill in): 2033 (or 2034 if extended one year)

Legal Department Internal Tracking #: 19-434

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Christopher J. Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Laura Pettit

Summary of Contract: Card transaction processing agreement for credit card use at the south walnut bulk water station.



MEMORANDUM

TO: Controller
FROM: Cindy Shaw, Utilities
DATE: August 29, 2019
RE: REQUEST APPROVAL FOR SERVICES WITH TERMINIX INTERNATIONAL, INC

Funding Source: 010-65-950006-U62024

Total Dollar Amount of Contract: \$10,000.00

Expiration Date of Contract: September 4, 2020

Department Head Initials of Approval: VK

Due Date For Signature: September 3, 2019

Record Destruction Date (Legal Dept to fill in):

Legal Tracking #:

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Chris Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Cindy Shaw

Summary of Contract: Dillman Road WWTP Pest Control including spiders, ants, mice, and general pests.



MEMORANDUM

TO: Mayor & Controller
FROM: Phil Peden, Utilities
DATE: August 28, 2019
RE: Request for Approval of Change Order #8 with Crider & Crider for the IU Hospital off site sanitary sewer project.

Funding Source: wastewater 010-U10500

Total Dollar Amount of Contract: Original Not to exceed: \$5,306,300.00
Change Orders 1-6: \$99,256.00
Change Order #7 (no fiscal impact)
Change Order #8: **\$88,417.00**
New Not to Exceed: \$ 5,493,973.00

Expiration Date of Contract: None

Department Head Initials of Approval: VK

Due Date For Signature: For USB meeting on Monday June 10, 2019

Record Destruction Date (Legal Dept to fill in): 2030

Legal Department Internal Tracking #: 18-371

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Christopher J. Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Phil Peden

Summary of Contract:

Remove and replace travel lane adjacent to sanitary sewer

**UTILITY SERVICE BOARD
OF THE CITY OF BLOOMINGTON, INDIANA
RESOLUTION NO. 2019-9**

**RE: THE ACQUISITION, CONSTRUCTION, INSTALLATION AND EQUIPPING OF
IMPROVEMENTS AND EXTENSIONS TO THE CITY'S SEWAGE WORKS UTILITY, AND
APPROVING THE FORMS OF ORDINANCES ADJUSTING THE RATES AND CHARGES
FOR THE USERS OF THE SEWAGE WORKS UTILITY AND RECOMMENDING ITS
ADOPTION TO THE COMMON COUNCIL OF THE CITY**

- WHEREAS,** the City of Bloomington, Indiana (the "City"), has previously established and constructed and now owns and operates through its Utility Service Board (the "Board"): (i) a sewage works (the "Sewage Works"), for the collection, treatment and disposal of sewage and other wastes from inhabitants and entities in and around the City of Bloomington pursuant to Indiana Code 36-9-23, as amended through the City of Bloomington Utilities Department ("CBU"); and
- WHEREAS,** CBU staff recommend necessary construction of additions and improvements to the sewage works, including prevention and elimination of SSOs, replacing aging infrastructure, replacing aging infrastructure, and replacing or upgrading treatment facility components; and
- WHEREAS,** CBU, through this Board, engaged the services of Crowe LLP, to conduct a thorough study of the revenue requirements for continued maintenance, improvement and expansion of the wastewater system; and
- WHEREAS,** Crowe LLP prepared a rate and financing report concerning the current rates and charges of the sewage works (the "Report"); and
- WHEREAS,** CBU staff accepts the Report and recommends that this Board approve a 3% increase in the rates and charges of the sewage works and to establish an additional 12% surcharge for service rendered to all lots, parcels of real estate or buildings located outside the limits of the city; and,
- WHEREAS,** based upon the Report, and the recommendations of CBU staff and Crowe LLC, this Board finds that the current rates and charges for the use of and service rendered by the sewage works do not produce sufficient revenues to pay all the legal and necessary expenses incidental to the operation of such sewage works, including legal expenses, maintenance costs, operating charges, repairs, lease rentals and interest charges on bonds or other obligations of the sewage works, to provide a sinking fund for the liquidation of indebtedness, and to provide adequate funds to be used as working capital and funds for making extensions and replacements and to make payments in lieu of taxes; and
- WHEREAS,** this Board finds that the current rates and charges do not produce an income sufficient to maintain the sewage works property in a sound physical and financial condition to render safe, adequate and efficient service; and
- WHEREAS,** this Board finds that the current rates and charges for the use of and service rendered by the sewage works must be increased in order to provide sufficient revenue to meet such requirements; and

**UTILITY SERVICE BOARD
OF THE CITY OF BLOOMINGTON, INDIANA
RESOLUTION NO. 2019-10**

RE: THE REFUNDING OF CERTAIN OUTSTANDING SEWAGE WORKS REVENUE BONDS OF THE CITY; AUTHORIZING THE ISSUANCE OF THE CITY OF BLOOMINGTON, INDIANA SEWAGE WORKS REFUNDING REVENUE BONDS OF 2019 TO PROVIDE FUNDS FOR SUCH REFUNDING AND THE PAYMENT OF THE COSTS THEREOF; AND ADDRESSING OTHER MATTERS CONNECTED THEREWITH

WHEREAS, the City of Bloomington, Indiana (the "City"), has previously established and constructed and now owns and operates through its Utility Service Board (the "Board") a sewage works (the "Sewage Works"), for the collection, treatment and disposal of sewage and other wastes from inhabitants and entities in and around the City of Bloomington pursuant to Indiana Code 36-9-23, as amended through the City of Bloomington Utilities Department ("CBU"); and

WHEREAS, the Board hereby finds that certain hereinafter described outstanding bonds of the Sewage Works should be refunded to obtain a reduction in interest payments and effect a savings to the City; that the refunding of those outstanding bonds, together with redemption premium and accrued interest thereon and including all costs related to the refunding cannot be provided for out of funds of the Sewage Works now on hand and the refunding should be accomplished by the issuance of revenue bonds of the Sewage Works; and; and

WHEREAS, the City has issued its (a) Sewage Works Revenue Bonds of 2004, dated December 31, 2004, currently outstanding in the aggregate principal amount of \$2,487,000 (the "2004 Bonds"), pursuant Ordinance No. 00-35, as amended by Ordinance No. 03-33 (the "2004 Ordinance"), (b) Sewage Works Revenue Bonds of 2006, Series B, dated June 29, 2006, currently outstanding in the aggregate principal amount of \$1,703,704 (the "2006B Bonds"), pursuant to Ordinance No. 05-35, as amended by Ordinance No. 06-05 (the "2006 Ordinance" and, together with the 2004 Ordinance, the "Refunded Bond Ordinances"), and (c) Sewage Works Revenue Bonds of 2006, Series C, dated June 29, 2006, currently outstanding in the aggregate principal amount of \$3,495,663 (the "2006C Bonds" and, together with the 2004 Bonds and the 2006B Bonds, the "Refunded Bonds"), pursuant to the 2006 Ordinance, which Refunded Bonds constitute a first charge on the Net Revenues (as hereinafter defined) of the Sewage Works; and

WHEREAS, the Refunded Bonds may be redeemed, at the option of the City, in whole or in part at a redemption price of 100% of the principal amount to be redeemed, plus accrued interest to the date of redemption; and

WHEREAS, pursuant to separate prior bond ordinances adopted by the Common Council (collectively, the "Prior Ordinances"), the City has previously issued its (a) Amended Sewage Works Revenue of 2006, Series A-1, originally dated May 4, 2006 and amended on March 26, 2015, currently outstanding in the aggregate principal amount of \$3,694,400, (b) Sewage Works Refunding Revenue Bonds, Series 2012 A, dated April 10, 2012, currently outstanding in the aggregate principal amount of \$4,245,000, (c) Sewage Works Revenue Bonds, Series 2012 C, dated May 15, 2012, currently outstanding in the aggregate principal amount of \$3,830,000, (d) Sewage