

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

August 20, 2018
5:00 P.M. Regular Meeting

- I. Call to order
- II. Approval of the minutes of previous meeting (Aug 6)
- III. Approval of the claims
 - a. Standard Invoices
 - b. ACH
 - c. Utility Bills
 - d. Wire Transfers
 - e. Customer Refunds
- IV. Approval of Consent Agenda
 - a. Control Freaks - \$5,420.00 - Gauges at MWTP
 - b. Control Freaks - \$636.00 - sensor failure in 3mil gallon tank
 - c. Commercial Service - \$735.12 - Cooling check at CBU Service Center
 - d. Horner Industrial - \$10,000.00 - On-call Services
 - e. Air Master HVAC - \$6,000.00 - On-call Services
- V. Bid Opening Arlington Road Water Main Replacement - Jane Fleig
- VI. Presentation by Friends of Lake Monroe - Sherry Mitchell-Bruker
- VII. Request Approval of 1st Amendment to Smith Brehob Hickory Ln Water Main - Greg Nettleton
- VIII. Request Approval for Agreement with Wessler for Old SR 37 Water Main Replacement, Phase I and Phase II - Jane Fleig
- IX. Request Approval for GRW Agreement I-69 Section 5 Sanitary Sewer Relocations - Jane Fleig
- X. Request Approval Highway Utility Agreement with INDOT for I69 Section 5 Sanitary Sewer Relocations - Jane Fleig
- XI. Request Approval 1st Amendment to the City /County Reimbursement Agreement for Fullerton Pike Phase I.- Jane Fleig
- XII. Request Approval of Agreement with Layne Intake Pump at MWTP - Cindy Shaw
- XIII. Request Approval for MOU with Joseph Christine, LLC Wylie St - Chris Wheeler
- XIV. Request Approval for MOU with Joseph Christine, LLC Henderson St - Chris Wheeler
- XV. Request Approval of 2019 Budget - Vic Kelson
- XVI. Old business
- XVII. New business
- XVIII. Subcommittee reports
- XIX. Staff reports
- XX. Petitions and communications*
- XXI. Adjournment

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

**UTILITIES SERVICE BOARD MOTION
MEETING ON AUGUST 20, 2018**

| | |
|----------------------------------|--------------------------|
| To: Utilities Service Board | From: Kim Robertson |
| Dept. | Dept. Accounts Payable |
| Sub: Claims list filed: 08/16/18 | Date: 08/16/18 |
| USB: 8/20/2018 | |
| For Period: 07/21/18 - 08/03/18 | Paydate: 08/24/18 |
| G/L Date: 08/24/18 | |

Utilities Department invoices filed with the City Controller August 16, 2018 and signed by the Utilities Service Board for payment August 24, 2018 as in accordance with the Utilities Service Board Resolution of August 7, 1973, be hereby approved and entered into the minutes of today's meeting. A copy of the list is filed, with any exceptions noted, is hereby attached and made a part of these proceedings.

| | |
|---|--------------------------------|
| Water Operations & Maintenance | 183,561.33 |
| Water Construction | 1,876.14 |
| Water Meter Deposit | 0.00 |
| Water Sinking | 750.00 |
| Water Hydrant Meter Rental | 0.00 |
| Total of Water Utilities as per the invoice list: | <u><u>\$186,187.47</u></u> |
| Wastewater Operations & Maintenance | 158,695.41 |
| Wastewater Construction | 0.00 |
| Wastewater Sinking | 0.00 |
| Total of Wastewater Utilities as per the invoice list: | <u><u>\$158,695.41</u></u> |
| Stormwater | 4,517.88 |
| Stormwater Construction | 0.00 |
| Total of Stormwater Utility as per the invoice list: | <u><u>\$4,517.88</u></u> |
| Total Water Utility: | <u><u>\$186,187.47</u></u> |
| Total Wastewater Utility: | <u><u>\$158,695.41</u></u> |
| Total Stormwater Utility: | <u><u>\$4,517.88</u></u> |
| TOTAL WATER, WASTEWATER & STORMWATER UTILITIES | <u><u>\$349,400.76</u></u> |

City of Bloomington Utilities
Accounts Payable by G/L Distribution Report
Paydate: 08/24/18

| Vendor | Invoice No. | Invoice Description | Invoice Amount | Water O&M | Water Sinking | Water Construction | Wastewater O&M | Stormwater O&M |
|---|------------------|--|----------------|-----------|---------------|--------------------|----------------|----------------|
| Accurate Laser Systems, INC | KRIS4518 | PUR18-270 Recalibrate TOPCON TPL4AV pipe laser | 169.00 | 67.60 | | | 101.40 | |
| Air-Master Heating & Air Conditioning | 0000008685 | DM18-063 Diagnosis of admin bldg A/C, solids bldg; insp&cleana/c | 150.00 | | | | 150.00 | |
| Air-Master Heating & Air Conditioning | 0000008925 | DM18-076 Service admin bldg, repair controller, part & labor | 2,935.00 | | | | 2,935.00 | |
| Allied Wholesale Electrical Supply, LLC | 5429844 | MN18-331 Blue monster tape, pvc bushing, pvc female adapter | 16.07 | 16.07 | | | | |
| All-Phase Electric Supply, INC | 0740-577862 | Starter contactor for #1 pump @ Woodhaven LS - LS, TD | 65.85 | | | | 65.85 | |
| American Water Works Association | ENG18-052 Fleig | ENG18-052 AWWA Water Infrastructure Conference - J. Fleig | 615.00 | 615.00 | | | | |
| Apparatus Service Corporation | 30315 | Beacon 200 2-channel controller & install, M2A hydrogen - BP | 5,000.00 | | | | 5,000.00 | |
| Aramark Uniform & Career Apparel Group, INC | 07/31/18 Supply | Weekly Mats & Supplies - July 2018 - LAB, MN, SC, BP, DR | 1,449.12 | 576.20 | | | 872.92 | |
| Aramark Uniform & Career Apparel Group, INC | 07/31/18 Uniform | Uniform service - July 2018 - TD, ENG, BP, DR, PUR, MN | 237.80 | 95.43 | | | 142.37 | |
| B&H Electric and Supply, INC | 0323815 | DM18-102 Motor part# EM3709T; 7.5HP 3450 213T 230/460VAC 3PH | 771.05 | | | | 771.05 | |
| Bank Of New York | 252-2125957 | Admin fee-Waterworks revenue bonds of 2017-7/25/18-7/24/19-ACCT | 750.00 | | 750.00 | | | |
| Barry Company, INC | 671106 | 2 Filters for water fountain - MN | 181.50 | 181.50 | | | | |
| Barry Company, INC | 673045 | 4 True union sch 80 ball valve, 1" slip flange - MN | 51.93 | 51.93 | | | | |
| BBC Pump And Equipment Company, INC | 30048767 | TD18-278 Cord grommet non-metallic 6/4 & 8/4 | 28.00 | | | | 28.00 | |
| BBC Pump And Equipment Company, INC | 30048785 | TD18-248 Volute w/wear ring S4N (x) #1 pump Woodhaven lift sta | 2,000.06 | | | | 2,000.06 | |
| Ben's Quarry, LLC | 1011328 | W18-4201 - #11 & #53 Stone - 7/17-7/19/18 - TD | 471.42 | | | 471.42 | | |
| Ben's Quarry, LLC | 1011362 | W18-4201 - #11 & #53 Stone - 7/23-7/25/18 - TD | 259.41 | | | 259.41 | | |
| Black Lumber Co. INC | 370936 | Hardware,Lenox 4 1/2" grinder metal cut, freud 12" - BP | 34.36 | | | | 34.36 | |
| Black Lumber Co. INC | 372265 | Landscape fabric pins, misc clamps, steel hose, couplings - TD | 26.13 | 26.13 | | | | |
| Black Lumber Co. INC | 372543 | Impact drivers for truck #689, 690,Plywood for Griffy windows-TD | 979.74 | 679.86 | | | 299.88 | |
| Black Lumber Co. INC | 372698 | 6 2x4x12 construction lumber for signs at Griffy - GR, TD | 41.94 | 41.94 | | | | |
| Bloomington Paint & Wallpaper Co | 00394203 | Foam pro spout, tape, brushes, rollers, flat base paint - DR | 238.96 | | | | 238.96 | |
| Bloomington Paint & Wallpaper Co | 00394497 | Varnish brush, roller covers, brush, spray paint, thinner - BP | 43.34 | | | | 43.34 | |
| Brehob Corporation | 724102 | TD18-281 216L Basic Compressor for Weymouth lift station | 2,200.00 | | | | 2,200.00 | |
| Chemtrade Chemicals Corporation | 92428655 | Alum - 11.038 @ 434.00 delivered 07/25/18 - MN | 4,790.49 | 4,790.49 | | | | |

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|--|------------------|--|----------------|-----------|---------------|--------------------|----------------|----------------|
| Chemtrade Chemicals Corporation | 92431691 | Alum - 11.295 @ 434.00 delivered 07/31/18 - MN | 4,902.03 | 4,902.03 | | | | |
| Cintas First Aid & Safety #2 | 5011249062 | Restock first aid cabinet @ Monroe WTP - 07/23/18 - MN | 96.00 | 96.00 | | | | |
| City Of Bloomington | 05/31/18 Fuel | Fuel charges for all utilities vehicles - May 2018 - ACCT | 15,631.62 | 5,307.52 | | | 10,324.10 | |
| City Of Bloomington | 05/31/18set rate | Monthly set rate for all vehicle parts & repairs - May 2018-ACCT | 33,021.67 | 10,038.59 | | | 22,983.08 | |
| CLR, INC | 234 | ADMIN18-119 Early completion incentive CBU portion MC bridge #73 | 10,000.00 | 4,000.00 | | | 6,000.00 | |
| Commercial Service Of Bloomington, INC | 5145467 | PUR18-163 Replaced actuator with stocked part unit Service Ctr | 996.00 | 398.40 | | | 597.60 | |
| Commercial Service Of Bloomington, INC | 5147124 | BP18-065 Repair Trane HPO-FA3 A/C unit. High pressure switch | 90.00 | | | | 90.00 | |
| Commercial Service Of Bloomington, INC | 5148020 | BP18-080 Diagnose & repair HVAC unit west end Admin bldg | 118.00 | | | | 118.00 | |
| Complete Masonry Supplies, INC | 80729 | TD18-206 Concrete blocks,var szs, for 813 W Kirkwood | 371.35 | | | | | 371.35 |
| Core & Main, LP | J123436 | PUR18-258 Direct bury lug, flared end section, Tee Wye 8x8x8 | 7,331.43 | 6,069.05 | | | 837.30 | 425.08 |
| Core & Main, LP | J186512 | PUR18-275 Storm grate E.J.I.W #V-4880-3, heavy duty | 810.65 | | | | | 810.65 |
| Core & Main, LP | J191806 | PUR18-282 Blue locate flags (5000), 1-1/2 90 bend SWNXCF no lead | 2,000.60 | 2,000.60 | | | | |
| Core & Main, LP | J209069 | PUR18-286 Drain valve, lower shaft, drain valve pin | 461.67 | 461.67 | | | | |
| Creative Graphics, INC (dba Baugh Enterprises) | 4980 | 6 cs Misc envelopes - PO Box 1216 & PO Box 2500 - SC | 949.00 | 379.60 | | | 569.40 | |
| Creative Graphics, INC (dba Baugh Enterprises) | 4981 | 3,000 Service call door hangers - AR, ACCT | 345.00 | 138.00 | | | 207.00 | |
| Creative Graphics, INC (dba Baugh Enterprises) | 5011 | 8,000 18oz poly pure lite bottles w/flip top lid - DIR | 10,098.76 | 4,039.50 | | | 5,554.32 | 504.94 |
| CSX Transportation, INC | 8356461 | Pipeline sewer crossing-Contract #LN065848 annual fee - ENG | 75.00 | | | | 75.00 | |
| Cummins Crosspoint, LLC | 001-5254 | DM18-047 Exhaust flex replacement to repair generator exhaust | 1,211.24 | | | | 1,211.24 | |
| Duke Energy | P2908656001 | W18-4213 ENG18-075 Service installation @WT water station | 347.59 | 347.59 | | | | |
| Eurofins Eaton Analytical, INC | S307991 | Testing - TTHM & HAAS required for drinking water - LAB, DR | 1,710.00 | 1,710.00 | | | | |
| Everett J Prescott, INC | 5407713 | PUR18-261 12 FST Ductile pipe 12" PC350 (60FT) | 1,341.00 | 1,341.00 | | | | |
| Executive Management Services, INC | 230377 | Cleaning service @ Service Center - August 2018 - SC | 4,048.00 | 1,619.20 | | | 2,428.80 | |
| Executive Management Services, INC | 230378 | Cleaning service @ Dillman WWTP - August 2018 - DR | 1,097.00 | | | | 1,097.00 | |
| Executive Management Services, INC | 230379 | Cleaning service @ Blucher WWTP - August 2018 - BP | 812.00 | | | | 812.00 | |
| Fastenal Company | INBLM207172 | Misc eye bolts for Northwest Park Lift Station - LS, TD | 37.66 | | | | 37.66 | |

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|---|----------------|--|----------------|-----------|---------------|--------------------|----------------|----------------|
| Fastenal Company | INBLM207190 | Restock supplies in machine - 07/27/18 - PUR | 316.60 | 127.67 | | | 188.93 | |
| Fastenal Company | INBLM207355 | Restock supplies in machine - 08/03/18 - PUR | 251.15 | 103.56 | | | 147.59 | |
| Ferguson Enterprises, Inc | 0105533-1 | PUR17-467Q Meter Pit Extension Rings 20" x 24" (15) | 1,080.00 | 1,080.00 | | | | |
| Ferguson Enterprises, Inc | 0130512 | PUR18-269 Polyethylene tubing, various szs (400ft) | 656.00 | 656.00 | | | | |
| Ferguson Enterprises, Inc | 0130512-1 | PUR18-269 Poly tubing 1 1/2" x 100' (100' roll) | 66.00 | 66.00 | | | | |
| Fisher Scientific Company, LLC | 3709043 | Modified MTEC AGAR 100G - LAB, DR | 581.80 | | | | 581.80 | |
| Fisher Scientific Company, LLC | 3709044 | 3 pk Membrane filters 47mm, 2 pk Petri dish w/pad 47mm - LAB, DR | 1,339.93 | 1,339.93 | | | | |
| Fisher Scientific Company, LLC | 3788384 | 1 cs Ethyl alcohol denatured 4L, 4 Nitric Acid Trace Mtl-LAB,DR | 799.17 | 799.17 | | | | |
| Fisher Scientific Company, LLC | 4000456 | Copper, zinc, nickel & silver standard solution - LAB, DR | 187.07 | | | | 187.07 | |
| Fisher Scientific Company, LLC | 4408906 | 2 L bottle of ethanol for flushing sample cells in analyzer - MN | 257.27 | 257.27 | | | | |
| George E Booth Co., INC | 6001985104 | DM18-096 Extension cable FDU91/FDU92, PVC | 139.82 | | | | 139.82 | |
| Greeley And Hansen, LLC | INV-0000542836 | S16-6002 - South Central Interceptor to 07/20/17 - ENG | 6,246.34 | | | | 6,246.34 | |
| Greeley And Hansen, LLC | INV-0000542839 | S18-6201 - Dillman WWTP Facilities Plan to 07/20/18 - DR, ENG | 3,452.16 | | | | 3,452.16 | |
| Gripp, INC | 335947 | S18-6204 - Flow monitoring equipment & maint - ENG | 4,886.50 | | | | 4,886.50 | |
| HACH Company | 11064909 | MN18-282 Millipore filter (1) for DQ3 water systems | 192.00 | 192.00 | | | | |
| HD Supply Facilities Maintenance - (USA Bluebook) | 478654 | DM17-145 Pressure gauges (3); vacuum gauges (4) | 370.65 | | | | 370.65 | |
| HD Supply Facilities Maintenance - (USA Bluebook) | 619405 | BP18-116 Replacement salt bridge for PEEK body; stnd cell soln | 326.97 | | | | 326.97 | |
| HD Supply Facilities Maintenance - (USA Bluebook) | 624327 | BP18-123 E coli filters; swing samplers, wide mouth bottles960ml | 653.01 | | | | 653.01 | |
| HD Supply Facilities Maintenance - (USA Bluebook) | 627716 | DL18-069 Pyrex beakers, heavy-duty, 4000ml (3) | 315.19 | 315.19 | | | | |
| HD Supply Facilities Maintenance - (USA Bluebook) | 632845 | DL18-069 Pyrex beakers, heavy-duty, 4000ml (1) | 96.85 | 96.85 | | | | |
| Heflin Industries, INC | 123689 | ENG18-030 Installation of drain & hot water line Dillman Lab | 1,976.74 | | | | 1,976.74 | |
| Hendon, Nolan Hunt | ADMIN18-121 | Reimbursement for parking - Ind Energy Mgmt Conf in Indpls - DIR | 32.00 | 12.80 | | | 19.20 | |
| HNTB Corporation | 1-69545-DS-001 | W18-4211 - Monroe HSP-5 Study to 05/25/18 - ENG | 4,400.00 | 4,400.00 | | | | |
| HNTB Corporation | 2-69545-DS-001 | W18-4211 - Monroe HSP-5 Study to 06/29/18 - ENG | 4,400.00 | 4,400.00 | | | | |
| HP Products Corporation | I4092052 | 2 cs tissue, 7 cs m-fold towels - SC | 315.34 | 126.14 | | | 189.20 | |
| Hylant of Indianapolis, LLC | 190176 | Fees for Surety Bonds - re: Sewer line on E 3rd & Smith-ACCT | 500.00 | | | | 500.00 | |

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| Vendor | Invoice No. | Invoice Description | Invoice Amount | Water O&M | Water Sinking | Water Construction | Wastewater O&M | Stormwater O&M |
|---|----------------|--|----------------|-----------|---------------|--------------------|----------------|----------------|
| IDEXX Laboratories, INC | 3034283539 | DL18-075 Sample bottles, 100ml, sterilized, disposable, 14BX | 1,644.97 | 1,644.97 | | | | |
| Indiana Underground Plant Protection Service, INC | 71373 | 2,280 Monthly per ticket fee - 06/01-06/30/18 - TD | 2,166.00 | 866.40 | | | 1,299.60 | |
| Indiana University Health Bloomington, INC | 00078157-00 | Vaccine Hep B, toxoid single for 1 Blucher employee- 07/19/18-BP | 121.00 | | | | 121.00 | |
| Irving Materials, INC | 10588123 | W17-4106 - Concrete - W Church Ln & S Rogers St - TD | 498.00 | | | 498.00 | | |
| Irving Materials, INC | 10589077 | Concrete - Water line @ 411 E University St - TD | 804.00 | 804.00 | | | | |
| Irving Materials, INC | 10589078 | Concrete - Storm @ N Fee Ln & E 11th St - SW, TD | 489.75 | | | | | 489.75 |
| Irving Materials, INC | 10589905 | Concrete - Storm @ N Fee Ln & E 11th St - 7/26/18 - SW, TD | 210.00 | | | | | 210.00 |
| Irving Materials, INC | 10591698 | Concrete - Storm @ Deckard & Hector Dr- SW, TD | 726.00 | | | | | 726.00 |
| Irving Materials, INC | 10591990 | Concrete - Water line @ 211 E 8th St - TD | 322.50 | 322.50 | | | | |
| J&S Locksmith Shop, INC | 184119 | Locks - SC | 13.95 | 5.58 | | | 8.37 | |
| J&S Locksmith Shop, INC | 184368 | 2 Air filter kits for truck #629 - SW, TD | 46.94 | 18.78 | | | 25.82 | 2.34 |
| James Clay Hall | ADMIN18-110 | Travel reimbursement - EPA Region V pretreatment in Indpls- DIR | 79.00 | | | | 79.00 | |
| JB Salvage (Westside Auto Parts) | 36907 | W18-4213 TD18-254 4"square tube - 1/4" | 409.00 | 409.00 | | | | |
| JCI Jones Chemicals, INC | 764355 | Sodium hypochlorite - 3,998 @ .7960 delivered 07/30/18 - DR | 3,182.41 | | | | 3,182.41 | |
| JCI Jones Chemicals, INC | 764357 | Sodium hypochlorite - 4,550 @ .7960 delivered 07/30/18 - MN | 3,621.80 | 3,621.80 | | | | |
| John Deere Financial (Rural King) | JRNL#B20332/62 | 3 Aquatic herbicide, supercut weedeater head - MN | 235.92 | 235.92 | | | | |
| John Deere Financial (Rural King) | JRNL#B25955/62 | 1 50lb bag of grass seed for yard crew - SW, TD | 69.99 | 28.00 | | | 38.49 | 3.50 |
| John Deere Financial (Rural King) | JRNL#B33088/62 | 4" Grinding wheels to build watering station - TD | 22.87 | 22.87 | | | | |
| John Deere Financial (Rural King) | JRNL#B41107/62 | 1 Pair of rubber boots for B Elkins - TD | 12.93 | 5.17 | | | 7.76 | |
| John Deere Financial (Rural King) | JRNL#B41473/62 | Head lamps for truck #'s 630, 627, 531 - SW, TD | 36.97 | 14.79 | | | 20.33 | 1.85 |
| John Deere Financial (Rural King) | JRNL#B42128/62 | Water tank, 2 GPM pump, drain valve, hose adapter - SW, TD | 151.35 | 60.54 | | | 83.24 | 7.57 |
| John Deere Financial (Rural King) | JRNL#B43135/62 | 1/2" Impact drill, pump sprayer for truck #627 - TD | 458.99 | | | | 458.99 | |
| John Deere Financial (Rural King) | JRNL#L60399/62 | Carpenter square, welding helmet, wrench sets - BP | 106.97 | | | | 106.97 | |
| Kelly M Boatman (Core Projective, LLC) | INV101807 | Professional consulting agreement - 07/01-07/31/18 - ACCT | 5,100.00 | 2,040.00 | | | 3,060.00 | |
| Kirby Risk Corp | S109961802.001 | 2 3M Inline resin power cable splice kits - LS, TD | 131.52 | | | | 131.52 | |
| Kirby Risk Corp | S109971925.001 | 20 Replacement fuses for plant panels - MN | 251.20 | 251.20 | | | | |
| Kirby Risk Corp | S109979265.001 | 3 Movement sensing light switches, work light - MN | 162.14 | 162.14 | | | | |

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|--|-----------------|--|----------------|-----------|---------------|--------------------|----------------|----------------|
| Kleindorfer Hardware & Variety | 07/25/18 CBU | Misc parts & supplies - 06/28-07/25/18 - MN,TD,MS,GR,LS,SW,DR | 1,264.44 | 627.95 | | | 628.53 | 7.96 |
| Kleindorfer Hardware & Variety | 583831 | 2 Crimp ends, 2 box crimp ends - BP | 10.56 | | | | 10.56 | |
| KMP Hydrant Services, LLC | 1593 | W18-4215 - 417 Hydrant Inspections - ENG | 13,344.00 | 13,344.00 | | | | |
| KONE, INC | 959016556 | Elevator maintenance @ Dillman WWTP - 08/01-10/31/18 - DR | 330.99 | | | | 330.99 | |
| Lakeside Equipment Corp | 18-1527 | DM18-092 Wash press drive shaft; speed reducer buddy box | 6,635.00 | | | | 6,635.00 | |
| Larry Stidd (Bloomington Letter Shop) | 4843 | 100 Daily Report sheets - BP | 150.00 | | | | 150.00 | |
| Lawson Products, INC | 9305991328 | 2 1/8x1 1/2 Nipple, 2 1/4x1/8 Red Cplg - BP | 93.14 | | | | 93.14 | |
| Lawson Products, INC | 9306002098 | Misc screws, washers & parts, electrical degreaser & misc - DR | 867.65 | | | | 867.65 | |
| Logical Concepts, INC (Omnisite) | 60895 | Monthly cellular fee for XR-50 Omni-site - 08/01-08/31/18 - ENG | 1,150.00 | | | | 1,150.00 | |
| Malvern Instruments, INC | 1095074749 | MN18-210-Zeta potential meter, Zetasizer Nano 633nm HeNe laser | 39,127.00 | 39,127.00 | | | | |
| Mark Osborne (Control Freaks Consulting) | 136Inv-DM18-059 | DM18-059 Diagnosis and repair controls for #1 blower | 1,470.00 | | | | 1,470.00 | |
| Mark Osborne (Control Freaks Consulting) | 137Inv-DR18-040 | DR18-040 Inspected filters for proper backwash operation 3 hrs | 315.00 | | | | 315.00 | |
| Mark Osborne (Control Freaks Consulting) | 142Inv-MN18-250 | MN18-250 SCADA repair low service bldg air relief valve | 420.00 | 420.00 | | | | |
| Mark Osborne (Control Freaks Consulting) | 144Inv-DR18-051 | DR18-051 Trouble shoot back wash process, filter building | 420.00 | | | | 420.00 | |
| Mark Osborne (Control Freaks Consulting) | 148Inv-DM18-100 | DM18-100 Service of raw pump #2; inspected blower #1 | 210.00 | | | | 210.00 | |
| Mark Osborne (Control Freaks Consulting) | 149Inv-MN18-319 | MN18-319 PLC and program issues in low service bldg | 525.00 | 525.00 | | | | |
| Mark Osborne (Control Freaks Consulting) | 150Inv-DM18-104 | DM18-104 Service blower #3; replaced amp monitor | 420.00 | | | | 420.00 | |
| Menards, INC | 1356 | Screw drivers, putty knife & broad knife for trucks 616 & 631-TD | 58.21 | 58.21 | | | | |
| Menards, INC | 1359 | 2 Comm switch, drywall sheet, tube cutter, 3/4 ring, sander-BP | 91.38 | | | | 91.38 | |
| Menards, INC | 1630 | 2 Comp SPG, plumbers putty, 48" LED double strip - BP | 83.50 | | | | 83.50 | |
| Menards, INC | 2067 | Blinds & material to install for Brandon Prince office - TD | 83.70 | 33.48 | | | 46.04 | 4.18 |
| Menards, INC | 2145 | Taping knife, mud pan, hose, broom, 48" LED & misc - BP | 231.66 | | | | 231.66 | |
| Menards, INC | 2259 | 5 gal buckets, lysol, tape, cleaner, cups & misc - MN | 122.73 | 122.73 | | | | |
| Menards, INC | 988 | Utility gloves, sealant, adapters, risers, coupler & misc - MN | 46.02 | 46.02 | | | | |
| Midwest Color Printing, INC | 11232 | PUR18-291 Business cards - Tom Axsom | 55.45 | 22.18 | | | 33.27 | |
| Midwest Color Printing, INC | 11254 | PUR18-303 Business cards - James Hall | 50.45 | 20.18 | | | 30.27 | |

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|---|----------------|--|----------------|-----------|---------------|--------------------|----------------|----------------|
| Milestone Contractors, LP | 118500 | W17-4106, D17-93 - Asphalt - 7/16-7/27/18 - SW, TD | 1,621.45 | 379.65 | | 157.69 | 205.25 | 878.86 |
| Milestone Contractors, LP | 118720 | Asphalt - Water & Storm - 7/12/18 - SW, TD | 176.54 | 117.69 | | | | 58.85 |
| NCL of Wisconsin, INC (North Central Labs) | 409941 | DL18-067 BOD standard, 198ppm, 12/case (2) | 104.84 | | | | 104.84 | |
| NCL of Wisconsin, INC (North Central Labs) | 409942 | DL18-066 Pipets, 10ml, 12CS; petri dish, 100x15mm, 4CS | 1,523.48 | 1,523.48 | | | | |
| Nugent, INC (Utility Supply Company) | 1256999 | PUR18-273 16" bell clamp, cast/ductile iron size (1) | 385.14 | 385.14 | | | | |
| Office Depot, INC | 168034408001 | Mounting tape,batteries,eraser markers & cleaner,pens-DR | 64.13 | | | | 64.13 | |
| Office Depot, INC | 168042140001 | Kleenex, tape, wrap film, air duster, windex - SC, PUR | 95.57 | 38.23 | | | 57.34 | |
| Office Depot, INC | 168042141001 | Magnetic hooks - SC, PUR | 11.49 | 4.60 | | | 6.89 | |
| Office Depot, INC | 168042142001 | Air Freshner Linen - SC, PUR | 12.98 | 5.19 | | | 7.79 | |
| Office Depot, INC | 168042143001 | Air Freshner Spring - SC, PUR | 16.78 | 6.71 | | | 10.07 | |
| Office Depot, INC | 2209277813 | Realspace Magellan Electric Height adjustable desk - CS, DIR | 399.99 | 160.00 | | | 239.99 | |
| Online Resources Corporation | 3952634 | Maintenance fee for electronic payments - AR | 150.00 | 60.00 | | | 90.00 | |
| Pace Analytical Services, INC | 1850091084 | VOC Method 542.2 & VOC Method 1666 - Baxter for Dillman PT - DIR | 400.00 | | | | 400.00 | |
| Pace Analytical Services, INC | 1850091240 | 2 524.2 MSV / VOC samples @ 210 Gordon Pike - ENV | 250.00 | 250.00 | | | | |
| Paragon Micro, INC | 825785 | 2 Samsung 22" LED monitor for Monroe Plant crew - MN, DIR | 334.50 | 334.50 | | | | |
| Paragon Micro, INC | 836888 | 5 Eaton 3S UPS for Utilities staff - SC | 304.95 | 121.98 | | | 182.97 | |
| Paragon Micro, INC | 836942 | Dell LED 22" monitor for K Johnson - TD, DIR | 149.99 | 60.00 | | | 89.99 | |
| Paragon Micro, INC | 837459 | Dell 22" Monitor for Monroe - MN, DIR | 149.99 | 149.99 | | | | |
| Perkin Elmer LLC (Do Not USE Vendor 3692) | 5304119973 | DL18-074 Nickel lamp for AA, System 2 EDL driver for analysts | 1,490.00 | | | | 1,490.00 | |
| Philip Peden | ENG18-071 | Indiana Engineering Laws, Rules & Ethics course - ENG | 59.90 | 23.96 | | | 35.94 | |
| Republic Services, INC | 0694-002137016 | Trash removal @ Dillman & Service Center - 08/01-08/31/18-DR, SC | 565.82 | 27.40 | | | 538.42 | |
| Republic Services, INC | 0694-002139113 | Trash removal @ Monroe WTP - 07/01-07/31/18 - MN | 99.75 | 99.75 | | | | |
| Republic Services, INC | 0694-002139114 | Trash removal @ Blucher WWTP - 07/01-07/31/18 - BP | 99.75 | | | | 99.75 | |
| Richardson Enterprises of Blgtn,LLC (FastSigns) | INV-6012 | MN18-298 2"x4" labels for outside chemical unloading stations(8) | 80.00 | 80.00 | | | | |
| Ricoh USA, INC | 5053973169-CBU | Copier maintenance - 06/17-07/16/18 - BP, MN, SC | 123.15 | 20.46 | | | 102.69 | |
| Rogers Group, INC | 0071166523 | W18-4201 - Misc stone - Stock - 7/16-7/20/18 - TD | 1,222.35 | 293.09 | | 489.62 | 439.64 | |
| Sal Chemical Co., INC | 182618 | Sodium bisulfite - 33,760 @ .1283 delivered 08/02/18 - DR | 4,331.41 | | | | 4,331.41 | |
| Shawn R Medsker | MN18-301 | IDEM fee to take WT-5 test - MN | 30.00 | 30.00 | | | | |
| Shawn R Medsker | MN18-303 | IDEM Operator Certification Exam @ Ivy Tech - MN | 30.00 | 30.00 | | | | |
| Southern Indiana Parts, INC (Napa Auto Parts) | 215770 | 2 Wrench sets - MN | 155.98 | 155.98 | | | | |

City of Bloomington Utilities
Accounts Payable by G/L Distribution Report
Paydate: 08/24/18

| Vendor | Invoice No. | Invoice Description | Invoice Amount | Water O&M | Water Sinking | Water Construction | Wastewater O&M | Stormwater O&M |
|--------------------------------|---------------|--|----------------|------------|---------------|--------------------|----------------|----------------|
| Southside Rental Center, INC | 13001 | Rental of tiller to repair yard @ 4000 S Derby - TD | 72.32 | 72.32 | | | | |
| State Of Indiana | 06/30/18 CBU | Water usage - 06/01-06/30/18 - MN | 14,739.12 | 14,739.12 | | | | |
| State Of Indiana | 07/31/18 CBU | Water usage - 07/01-07/31/18 - MN | 16,195.31 | 16,195.31 | | | | |
| Suburban Laboratories, INC | 157175 | Resampling of LS#10485 - annual sampling of Baxter (Metals) -ENV | 82.00 | | | | 82.00 | |
| Sunbelt Rentals, INC | 80804216-0001 | 20" blade for walk behind street saw - SW, TD | 300.00 | 120.00 | - | | 165.00 | 15.00 |
| SwovaTech, INC | 2018040 | WS18-20603-Agreement for GIS Consulting Services @ Utilities-ENG | 15,940.00 | 6,376.00 | | | 9,564.00 | |
| Synchrony Bank | 455789784588 | PUR18-296 HDMI cables, 20ft (2) for conference rooms | 15.99 | 6.40 | | | 9.59 | |
| Synchrony Bank | 967567874383 | PUR18-296 HDMI cables, 20ft (2) for conference rooms | 15.99 | 6.40 | | | 9.59 | |
| Tri-State Bearing Co, INC | 1041880-00 | 4 Bearings for Northwest Loesch Rd Park LS - LS, TD | 288.80 | | | | 288.80 | |
| United Parcel Service, INC | 0000430948298 | Shipping charges - 07/16-07/17/18 - TD, DIR, PUR | 78.40 | 23.79 | | | 54.61 | |
| United Parcel Service, INC | 0000430948308 | Shipping charges - 07/19-07/26/18 - DIR, LAB, MN | 115.66 | 79.12 | | | 36.54 | |
| Utility Pipe Sales Co, INC | IN071961 | PUR18-212 Angle ball yoke VLV 1x1x04, no lead (100) | 8,200.00 | 8,200.00 | | | | |
| Utility Pipe Sales Co, INC | IN071969 | PUR18-212 6" MJ gasket (95) | 221.35 | 221.35 | | | | |
| Virtuoso Sourcing Group, LLC | 25236 | Collection agency fee - 07/19-07/23/18 - AR | 21.43 | 8.57 | | | 12.86 | |
| Water Solutions Unlimited, INC | 45480 | Sodium Thiosulfate - 115 @ 4.64 delivered 07/31/18 - MN | 533.60 | 533.60 | | | | |
| Wessler Engineering, INC | 32196 | S17-6106 - Dillman Effluent Filter Improv to 06/30/18 - DR, ENG | 22,597.98 | | | | 22,597.98 | |
| White River Cooperative, INC | 7104569 | 280 Gallons of diesel fuel for equipment @ Monroe - MN | 730.80 | 730.80 | | | | |
| White River Cooperative, INC | 7104608 | 700 gal diesel fuel for generators @ Monroe - MN | 1,841.00 | 1,841.00 | | | | |
| Young Trucking, INC | 97800 | Fill sand for drying beds - 6/29-7/6/18 - MN | 990.51 | 990.51 | | | | |
| Young Trucking, INC | 97925 | Fill sand for drying beds - 7/11/18 - MN | 235.35 | 235.35 | | | | |
| Young Trucking, INC | 97974 | Hauling sludge from Blucher Poole - 07/18/18 - BP, OP | 702.50 | | | | 702.50 | |
| Young Trucking, INC | 97975 | Hauling sludge from Dillman - 07/17/18 - DR, OP | 4,463.86 | | | | 4,463.86 | |
| Young Trucking, INC | 98073 | Hauling sludge from Dillman WWTP - 07/23/18 - DR, OP | 1,345.54 | | | | 1,345.54 | |
| Young Trucking, INC | 98074 | Hauling sludge from Blucher WWTP - 07/23-07/26/18 - BP, OP | 1,333.27 | | | | 1,333.27 | |
| Grand total: | | | 349,400.76 | 183,561.33 | 750.00 | 1,876.14 | 158,695.41 | 4,517.88 |
| | | | 349,400.76 | | | | | |

ACH
INTERDEPARTMENTAL
MEMO

To: Utilities Service Board
Sub: Scheduled ACH payment

From: Kim Robertson
Dept. Accounts Payable
Date: 08/20/18

G/L DATE: 08/20/18

| | |
|--------------------------------|------------|
| Water Operations & Maintenance | 0.00 |
| Water Construction | 0.00 |
| Water Meter Deposit | 0.00 |
| Water Sinking | 200,589.10 |
| Water Hydrant Meter Rental | 0.00 |
| Water Debt Reserve | 0.00 |

| | |
|--|----------------------------|
| Total of Water Utilities as per the claims list: | <u><u>\$200,589.10</u></u> |
|--|----------------------------|

| | |
|-------------------------------------|------|
| Wastewater Operations & Maintenance | 0.00 |
| Wastewater Construction | 0.00 |
| Wastewater Sinking | 0.00 |
| Wastewater Debt Reserve | 0.00 |

| | |
|---|----------------------|
| Total of Wastewater Utilities as per the claims list: | <u><u>\$0.00</u></u> |
|---|----------------------|

| | |
|-------------------------|------|
| Stormwater | 0.00 |
| Stormwater Construction | 0.00 |

| | |
|---|----------------------|
| Total of Stormwater Utility as per the claims list: | <u><u>\$0.00</u></u> |
|---|----------------------|

| | |
|-----------------------------|----------------------------|
| Total Water Utility: | <u><u>\$200,589.10</u></u> |
|-----------------------------|----------------------------|

| | |
|----------------------------------|----------------------|
| Total Wastewater Utility: | <u><u>\$0.00</u></u> |
|----------------------------------|----------------------|

| | |
|----------------------------------|----------------------|
| Total Stormwater Utility: | <u><u>\$0.00</u></u> |
|----------------------------------|----------------------|

| | |
|---|----------------------------|
| TOTAL WATER, WASTEWATER & STORMWATER UTILITIES | <u><u>\$200,589.10</u></u> |
|---|----------------------------|

ACH - Bank of New York - 2011 SRF Loan Payment - August 2018

City of Bloomington Utilities
Accounts Payable by G/L Distribution Report
Paydate: 08/20/18

SRF Payment - Due August 2018

| Vendor | Invoice No. | Invoice Description | Invoice Amount | Water Sinking |
|------------------|--------------|---|----------------|---------------|
| Bank Of New York | ACCT18-112-8 | SRF Bloomington TAS#610026-2011 SRF Loan - Aug 2018 | 200,589.10 | 200,589.10 |
| Grand total: | | | 200,589.10 | 200,589.10 |

**UTILITIES SERVICE BOARD MOTION
MEETING ON AUGUST 20, 2018
UTILITY BILLS**

To: Utilities Service Board
Dept.
Sub: Claims list filed: 08/15/18
USB: 8/20/2018
For Period: 07/31/18 - 08/14/18
G/L Date: **08/16/18**

From: Kim Robertson
Dept. Accounts Payable
Date: 08/15/18
Paydate: 08/16/18

Utilities Department invoices filed with the City Controller August 15, 2018 and signed by the Utilities Service Board for payment August 16, 2018 as in accordance with the Utilities Service Board Resolution of August 7, 1973, be hereby approved and entered into the minutes of today's meeting. A copy of the list is filed, with any exceptions noted, is hereby attached and made a part of these proceedings.

| | |
|---|-----------------------------------|
| Water Operations & Maintenance | 102,219.07 |
| Wastewater Operations & Maintenance | 74,217.20 |
| Stormwater | |
| Total Water Utility: | <u><u>\$102,219.07</u></u> |
| Total Wastewater Utility: | <u><u>\$74,217.20</u></u> |
| Total Stormwater Utility: | <u><u>\$0.00</u></u> |
| TOTAL WATER, WASTEWATER & STORMWATER UTILITIES | <u><u>\$176,436.27</u></u> |

City of Bloomington Utilities
Accounts Payable by G/L Distribution Report
Paydate: 08/16/18

Utility Bills

| Vendor | Invoice No. | Invoice Description | Invoice Amount | Water O&M | Wastewater O&M |
|--|------------------|--|-------------------|-------------------|------------------|
| AT&T | 8123347689 08/18 | Service - Utilities - 08/07-09/06/18 - SC | 159.22 | 63.69 | 95.53 |
| City Of Bloomington Utilities | 08/16/18 | Service - 07/02-07/31/18 - BP, DR, LS, SC | 10,802.39 | 293.29 | 10,509.10 |
| Comcast Cable Communications, INC | 8529-20-119 8/18 | Service - Service Center #8529-20-119-0490580 08/15-09/14/18- SC | 19.06 | 7.62 | 11.44 |
| Duke Energy | 08/16/18 | Service - July - August 2018 - LS, BS, SC, TD, WT, DR, MN | 163,773.14 | 101,567.58 | 62,205.56 |
| Smithville Telephone Co Inc | 08/02/18 BP | Service - Blucher, fax, modem - 07/02-08/01/18 - BP | 277.92 | | 277.92 |
| Smithville Telephone Co Inc | 08/02/18 DR | Service - Dillman, fax - 07/02-08/01/18 - DR | 247.60 | | 247.60 |
| Smithville Telephone Co Inc | 08/02/18 MN | Service - Monroe, fax, intake, internet - 07/02-08/01/18 - MN | 286.89 | 286.89 | |
| Utilities District of Western Indiana REMC | 52184-001 08/18 | Service -Fieldstone LS - 07/01-08/01/18 - LS | 632.00 | | 632.00 |
| Utilities District of Western Indiana REMC | 75843-001 08/18 | Service - Stonechase LS - 07/01 - 08/01/18 - LS | 131.00 | | 131.00 |
| Vectren | N0833866 08/18 | Service - Blucher Poole - 06/28-07/31/18 - BP | 90.05 | | 90.05 |
| Vectren | N1236302 08/18 | Service - Tamarron LS - 07/02-08/01/18 - LS | 17.00 | | 17.00 |
| Grand total: | | | <u>176,436.27</u> | <u>102,219.07</u> | <u>74,217.20</u> |

WIRE TRANSFERS, FEES & PAYROLL FOR THE MONTH OF JULY, 2018

INDIANA DEPARTMENT OF REVENUE \$64,985.89
(SALES TAX - JUNE, 2018)

INDIANA DEPARTMENT OF REVENUE - RECEIPTS TAX \$0.00
3RD QUARTER UTILITY RECEIPTS TAX

NPC \$24,258.14
CHARGE CARD FEES - JUNE, 2018

FIRST FINANCIAL \$1,956.93
ACCOUNT ANALYSIS FEES - JUNE, 2018

GROSS PAYROLL \$310,816.60
8/17/2018
FICA TAX \$22,426.39
8/17/2018

TOTAL \$424,443.95

**UTILITIES SERVICE BOARD MOTION
MEETING ON AUGUST 20, 2018
CUSTOMER REFUNDS**

To: Utilities Service Board

From: Kim Robertson

Dept.

Dept. Accounts Payable

Sub: Claims list filed: 08/15/18

Date: 08/15/18

USB: 8/20/2018

For Period: 07/28/18 - 08/14/18

Paydate: 08/24/18

G/L Date: **08/24/18**

Utilities Department invoices filed with the City Controller August 15, 2018 and signed by the Utilities Service Board for payment August 24, 2018 as in accordance with the Utilities Service Board Resolution of August 7, 1973, be hereby approved and entered into the minutes of today's meeting. A copy of the list is filed, with any exceptions noted, is hereby attached and made a part of these proceedings.

| | |
|---|-----------------------|
| Water Operations & Maintenance | 113.66 |
| Wastewater Operations & Maintenance | 2,682.46 |
| Stormwater | |
| Sanitation | |
| Total Water Utility: | \$113.66 |
| Total Wastewater Utility: | \$2,682.46 |
| Total Stormwater Utility: | \$0.00 |
| Total Sanitation Department: | \$0.00 |
| TOTAL WATER, WASTEWATER & STORMWATER UTILITIES | \$2,796.12 |

City of Bloomington Utilities
 Accounts Payable by G/L Distribution Report
 Paydate: 08/24/18

CUSTOMER REFUNDS

| Vendor | Invoice No. | Invoice Description | Invoice Amount | Check No. | Reason for refund | Water Funds | Wastewater Funds | Stormwater Funds | Sanitation |
|----------------------------|-------------|---------------------|-------------------|-----------|--|-----------------|-------------------|------------------|---------------|
| Andrew Bolhassani | 29657-020 | Customer refund | \$437.39 | 25565 | Overpayment on their Nov 2017 bill causing credits each time they made a payment | | \$437.39 | | |
| Kaiya Grundmann | 30442-017 | Customer refund | \$24.66 | 25566 | Overpayment on their June bill giving the account a credit each time they paid | | \$24.66 | | |
| Dinah Holtzman | 17358-014 | Customer refund | \$6.22 | 25567 | Overpayment on their June bill | | \$6.22 | | |
| Ma Hongbin | 17859-012 | Customer refund | \$287.95 | 25568 | Large overpayment of 500.00 on their April bill | | \$287.95 | | |
| Infrastructure Systems Inc | 2000195-010 | Customer refund | \$606.04 | 25569 | Temp. Hyd Deposit Refund | | \$606.04 | | |
| Claire Katz | 4755-020 | Customer refund | \$56.13 | 25570 | Overpayment on their July bill | | \$56.13 | | |
| Jeffrey Lewis | 768-002 | Customer refund | \$884.45 | 25571 | Leak adjustment of 133 units of sewer. | | \$884.45 | | |
| Martha Saulter | 13692-001 | Customer refund | \$26.26 | 25572 | Overpayment on their July bill causing credits each time they made a payment | \$26.26 | | | |
| Kelsey Smith | 15858-009 | Customer refund | \$102.92 | 25573 | Meter misread of 23 units of water and 2 units of sewer on their June reading | \$87.40 | \$15.52 | | |
| Lawrence Stevens | 9011-008 | Customer refund | \$25.91 | 25574 | Overpaid on their August bill | | \$25.91 | | |
| Remo Vozza | 9169-023 | Customer refund | \$338.19 | 25575 | Leak adjustment of 64 units of sewer - remaining credit from the adjustment | | \$338.19 | | |
| | | | <u>\$2,796.12</u> | | | <u>\$113.66</u> | <u>\$2,682.46</u> | <u>\$0.00</u> | <u>\$0.00</u> |

\$2,796.12



MEMORANDUM

TO: Controller
FROM: Cindy Shaw, Utilities
DATE: June 28, 2018
RE: Request for Approval of Services Agreement with Control Freaks Consulting, LLC

Funding Source: 009-61-900004-U62032

Total Dollar Amount of Contract: \$5,420.00

Expiration Date of Contract: August 31, 2018

Department Head Initials of Approval: *√K*

Due Date For Signature: August 15, 2018

Record Destruction Date (Legal Dept to fill in): August 2028

Legal Tracking #: 18-397

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: Replace level gauges for chemical tanks at Monroe WTP.



MEMORANDUM

TO: Controller
FROM: Cindy Shaw, Utilities
DATE: June 28, 2018
RE: TROUBLESHOOT AND ISOLATE LEVEL SENSOR FAILURE ON 3
MILLION GALLON TANK AT CBU SERVICE CENTER FOR MONROE WTP

Control feeds

Funding Source: 009-71-900006-U67545

Total Dollar Amount of Contract: \$636.00

Expiration Date of Contract: ~~August 15, 2018~~ → *AUG 31, 2018*

Department Head Initials of Approval: *VC*

Due Date For Signature: *AUG 15, 2018*

Record Destruction Date (Legal Dept to fill in): 2028

Legal Tracking #: 18-392

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: Troubleshoot and isolate level sensor failure on 3 Million Gallon tank at CBU Service Center for Monroe WTP.



MEMORANDUM

TO: Controller
FROM: Cindy Shaw, Utilities
DATE: August 8, 2018
RE: Request for Approval of Agreement for Services with Commercial Service of Bloomington, Inc.

Funding Source: 009-52-900008-U62001
010-52-950008-U62001

Total Dollar Amount of Contract: \$735.12

Expiration Date of Contract: August 31, 2018

Department Head Initials of Approval: ✓K

Due Date For Signature: August 14, 2018

Record Destruction Date (Legal Dept to fill in): 2028

Legal Tracking #: 18-391

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: Performed a complete cooling check on CBU Service Center.



MEMORANDUM

TO: Chris Wheeler, Jeff Underwood, and Mayor Hamilton
FROM: Kim Alexander
DATE: August 7, 2018
RE: Request for Approval of On Call Services Agreement with Horner Industrial Group

Funding Source: 009-U01500 (\$4,000.00); 010-U10500 (\$6,000.00)

Total Dollar Amount of Contract: Not-to-Exceed \$10,000.00

Expiration Date of Contract: August 2019 w/three one year renewal options to 2022

Department Head Initials of Approval: VK

Due Date For Signature: August 14, 2018

Record Destruction Date (Legal Dept to fill in): 2033

Legal Department Internal Tracking (Legal Dept to fill in) #: 18-451

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Christopher J. Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Kim Alexander

Summary of Contract:

On call services for electro-mechanical service and repair (motors, pumps, drives, etc.)



MEMORANDUM

TO: Chris Wheeler
FROM: Kim Alexander
DATE: August 10, 2018
RE: Request for Approval of On Call Services Agreement with Air-Master Heating & Air Conditioning, LLC

Funding Source: 009-U01500; 010-U10500

Total Dollar Amount of Contract: Not-to-Exceed \$6,000.00

Expiration Date of Contract: July 2019 w/three one year renewal options to 2022

Department Head Initials of Approval: VK

Due Date For Signature: August 15, 2018

Record Destruction Date (Legal Dept to fill in): 2032

Legal Department Internal Tracking (Legal Dept to fill in) #: 18-456

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Christopher J. Wheeler

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Kim Alexander

Summary of Contract:

This agreement is for on call services for which the amount does not exceed the total dollar amount assigned to this specific contract. Services are not known at this time. This contract will expedite procedures currently in place for emergency services, and allow payment to the vendor to be processed in a timely manner.



Creating a Watershed Management Plan for Lake Monroe August 2018

Section 319 of the Federal Clean Water Act provides funding for various types of projects that work to reduce nonpoint source water pollution. Funds may be used to conduct assessments, develop and implement TMDLs and watershed management plans, provide technical assistance, demonstrate new technology and provide education and outreach. The US EPA provides funds to the Indiana Department of Environmental Management who administers the 319 grant program in Indiana. A watershed management plan must be developed and approved before 319 implementation funds can be awarded.

- FLM is applying for 319 grant to develop a Watershed Management Plan for Lake Monroe
- Purpose: To increase public awareness and create an action plan to reduce non-point source pollution in the Lake and Watershed
- There is no watershed plan or watershed coordinator for this important resource.
- Watershed Plan
 - Contract Watershed Coordinator
 - Conduct Watershed Inventory
 - Reach out to stakeholders to identify concerns
 - Monitor streams and lakes (IU SPEA)
 - Monthly measurements
 - Watershed Blitz
 - Calculate loads
 - Identify Sources
 - Set pollution reduction goals
 - Identify critical areas
 - Identify pollution reduction measures/BMPs
 - Create Action Plan
 - Create effectiveness tracking system
- Look to Florida to see what happens when you wait for a crisis.
- FLM is gaining support from Monroe, Brown and Jackson Counties, SWCDs, NRCS, TNC, USGS, LWV, Bloomington Environmental Commission, CBU, Bloomington Economic and Sustainability.....
- FLM is bridging the gap between municipalities and county governments within the watershed
- We need a watershed coordinator!



MEMORANDUM

TO: Controller & Mayor Hamilton
FROM: Greg Nettleton
DATE: AUGUST 6, 2018
RE: Request for Approval of First Amendment to Agreement for Professional Engineering Services with Smith Brehob & Assoc., Inc.

Funding Source: 009-U10500

Total Dollar Amount of Contract: Original Contract was Not-to-Exceed \$78,800.00
First Amendment increases contract to cost not to exceed \$80,250.00

Expiration Date of Contract: February 5, 2019

Department Head Initials of Approval: J.C. H. V.K.

Due Date For Signature: July 2, 2018

Record Destruction Date (Legal Dept to fill in): Feb 5, 2029

Legal Department Internal Tracking (Legal Dept to fill in) #: 18-422

PREVIOUSLY REVIEWED BY & RETURN SIGNED CONTRACT TO THIS ATTORNEY:

Christopher J. Wheeler/Mike Rouker

ATTORNEY IS TO RETURN SIGNED CONTRACT TO THIS DEPARTMENTAL EMPLOYEE:

Greg Nettleton

Summary of Contract:

This amendment increases the scope of services to include replacement of the existing 2" water main on Hickory Lane with a 6" water main. Will enable hydrant/fire service for the properties connected to Hickory Lane water main.



MEMORANDUM

TO: Mayor & Controller
FROM: Jane Fleig, Utilities
DATE: 8/13/2018
RE: Request for Approval of Wessler Engineering, Inc. Agreement for Professional Engineering Services

Funding Source: 09-U10500

Total Dollar Amount of Contract: Not to Exceed \$186,000.00

Expiration Date of Contract: December 31, 2019

Department Head Initials of Approval: JK

Due Date For Signature: For USB meeting on Monday, August 20, 2018

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

Legal Department Internal Tracking #: 18-455

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: Wessler Engineering will design Phase I and Phase II of the planned water main replacements along N Old SR37, Bethel Lane & within Fairwood Terrace. This work is part of the Water Main Replacement program.



MEMORANDUM

TO: Mayor & Controller
FROM: Jane Fleig, Utilities
DATE: 8/14/2018
RE: Request for Approval of GRW Engineers, Inc. Agreement for Professional Engineering Services

Funding Source: 010-U13121

Total Dollar Amount of Contract: Not to Exceed \$328,000.00

Expiration Date of Contract: December 31, 2020

Department Head Initials of Approval: VK

Due Date For Signature: 8-16-2018

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

Legal Department Internal Tracking #: 18-462

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: GRW is going to design sanitary sewer relocations per their previous study and in conformance with the INDOT Highway Utility Agreement to also be approved by the Board. These funds are eligible for reimbursement by INDOT on the project.



MEMORANDUM

TO: Mayor & Controller
FROM: Jane Fleig, Utilities
DATE: 8/14/2018
RE: Request for Approval of I69 Section 5 – Highway Utility Agreement with INDOT for sanitary sewer relocations

Funding Source: 010-U13121

Total Dollar Amount of Contract: INDOT to reimburse CBU an amount not to exceed \$2,500,000.00

Expiration Date of Contract: December 31, 2020

Department Head Initials of Approval: *Vk*

Due Date For Signature: For USB meeting on Monday, August 20, 2018

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

Legal Department Internal Tracking #: 18-463

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: This is an agreement with INDOT to reimburse CBU for the design and construction of necessary relocation and/or rehabilitation of sanitary sewer infrastructure within the I-69 corridor. Design and construction will be based upon the study performed by GRW earlier this year.



MEMORANDUM

TO: Mayor & Controller
FROM: Jane Fleig, Utilities
DATE: 8/15/2018
RE: Request for Approval of First Amendment to Fullerton Pike Phase I -
City/County Reimbursement Agreement

Funding Source: 009-U13121

Total Dollar Amount of Contract:

Original Agreement: Not to Exceed \$1,778,501.61
Amendment Amount: Not to Exceed \$ 65,418.00
Total Amount: Not to exceed \$ 1,843,919.61

Expiration Date of Contract: none

Department Head Initials of Approval:

Due Date For Signature: For USB meeting on Monday, August 20, 2018

Record Destruction Date (Legal Dept to fill in): **10 years from completion of contract**

Legal Department Internal Tracking #: 18-465

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: This is an amendment to the City/County Reimbursement Agreement to cover the cost of additional rock excavation during the installation of the water line contracted for in the Original Agreement.



MEMORANDUM

TO: Controller, Mayor Hamilton
FROM: Cindy Shaw, Utilities
DATE: 8/13/2018
RE: Request for Approval of Services Agreement with Layne Christensen Company

Funding Source: 009-61-900001-U61531 purchase power pumping

Total Dollar Amount of Contract: \$34,528.00

Expiration Date of Contract: 9-30-2018

Department Head Initials of Approval: VK

Due Date For Signature: ASAP

Record Destruction Date (Legal Dept. to fill in): 2028

Legal Tracking: 18-421

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, disassemble, clean and inspect Intake Pump #4 at MWTP.

DRAFT



Utilities Department

2019 Budget Proposal

Memorandum

To: Members of the City of Bloomington Common Council
From: Vic Kelson, Director, City of Bloomington Utilities and Laura Pettit, Assistant Director of Finance, City of Bloomington Utilities
Date: August 16, 2018

This memo accompanies the proposed 2019 budget for the City of Bloomington Utilities.

Why We Exist

The City of Bloomington Utilities provides the community with the effective and efficient delivery of safe and reliable drinking water, collects wastewater for discharge, and protects the environment by safely treating wastewater and managing stormwater.

The City of Bloomington Utilities (CBU) was acquired by the City of Bloomington in 1939. It has a total staff of 174 full- and part-time positions, and an estimated annual budget of \$44 million. CBU provides water to more than 25,000 connections from its surface water treatment plant at Monroe Reservoir. CBU has 7 booster pumping stations, 7 water storage tanks, over 420 miles of pipe, and 3,064 fire hydrants. Wastewater is treated at 2 treatment plants and conveyed through 321 miles of pipe and 46 lift stations, and accessed by 8,443 manholes. Since 1998, CBU has been the stormwater utility for Bloomington. The stormwater utility has 17 miles of ditches, 4 miles of box culverts, 1,035 manholes, and 5695 inlets.

Background and Major Initiatives

The City of Bloomington Utilities will be actively engaging in 5 large initiatives which will drive its goals in the 2019 budget year: increased capacity for wastewater treatment, drinking water quality improvements, advanced metering infrastructure, water main replacement, and improvements to the stormwater system.

Wastewater Treatment Capacity improvements: CBU is developing a plan for capacity expansion at the Dillman Road WWTP, with a goal of raising the rated capacity from 15 MGD to 20 MGD. In addition, CBU is working on a plan to add an equalization basin and a third primary

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clarifier to the Blucher Poole plant to better manage higher flows from the new IU Health facility and eastside lift station. This also positions the Utility Department for growth in the I-69 Corridor north of the City. **“anticipated community growth”**

Water Quality: CBU is continually monitoring and exploring ways to reduce disinfection byproducts. The department is engaged in a project to improve the solids-handling facilities at the Monroe Plant to facilitate more frequent basin cleaning operations. In addition, CBU is evaluating the option of Chlorine Dioxide pre-oxidation to prevent algal growth in the plant and reduce DBP formation.

Advanced Metering Infrastructure: This large initiative will manage the upgrade of water meters to smart meters, giving customers real-time data about water usage. This will help CBU manage leak detection early on and will allow customers to more easily monitor their water consumption.

Sanitary Sewer: CBU will be making investments to expand the sanitary sewer system on the north side of Bloomington in order to accommodate the IU Health Complex. With this investment, CBU also will be investing in future growth in the area and substantially reducing sanitary sewer overflows at the last remaining chronic SSO site.

Stormwater Utility: CBU plans substantial capital investments to the stormwater system, including upgrading the last segment of the Jordan River culvert that flows under downtown Bloomington.

2019 Activity Description and Goals

The preceding major initiatives are more clearly defined in the following activities and goals for the City of Bloomington Utilities in budget year 2019. The succeeding section outlines the budgetary impact of these activities and goals.

Preparation of the 2019 budget involved:

- Employing a zero-based approach, with analysis of actual trends and conservative estimates, and aligning expenses split between multiple funds.
- Meetings with department heads and plant superintendents to review expenditures and discuss future needs.
- Coordination with CBU’s Energy & Conservation Coordinator, who prepared estimates for utilities (electric, gas, water) based on in-depth analysis and discussions with the providers.
- Coordination with ITS, Fleet, and other departments which maintain certain assets.

The City of Bloomington Utilities is pleased to present its 2019 budget proposal for the Water, Sewer, and Stormwater funds. The Water fund request totals \$19,183,855, an increase of 2.6% from 2018; the Sewer fund request totals \$24,182,913, an increase of 3.0%; and the Stormwater fund request totals \$1,547,630, an increase of 1.8%. The total budget request of all

funds is \$44,914,398, an overall increase of 2.8%, with expenses balanced to projected revenues.

| Revenue | 2017 Actual | 2018 Adopted | 2019 Proposed | % Change |
|--------------------|---------------------|---------------------|---------------------|-------------|
| Water | \$15,724,953 | \$18,695,272 | \$19,183,855 | 2.6% |
| Sewer | \$21,848,009 | \$23,483,356 | \$24,182,913 | 3.0% |
| Stormwater | \$1,428,749 | \$1,520,009 | \$1,547,630 | 1.8% |
| Total Funds | \$39,001,712 | \$43,698,637 | \$44,914,398 | 2.8% |

All Divisions - Personnel Safety and Training

Activity Description: Focus on personnel and worksite safety, reducing lost time injuries to a level of 1 per year. Track training programs/certifications/licenses and license requirements

Goals:

- Allocate 1% of the personnel budget for each Division as recommended by the Mayor's office. These dollars will be spent on training and materials/equipment upgrades related to safety. Check in quarterly to ensure this money is being spent in a proper ratio to time i.e. on April 1, 25% of this budget should be spent, July 1 50%, etc. Dedicate 1 hour per week to safety training and planning for all plant and T&D staff.
- Form Incident Review Committee to investigate each Accident Report with a 5-Why process within 5 working days of incident.
- Ensure each CBU work team has at least 1 person who is CPR-certified, completed by June 1 and verified each year thereafter on June 1.
- Assemble a safety and training library (books, written materials, presentations) with both physical and electronic resources so staff can check out topics of interest.
- Track training hours by individual employee to ensure staff are meeting certification requirements (i.e., Continuing Education Units [CEU hours]). This tracking will be compiled by the payroll administrator in the finance division.
- Enhance operator training in all divisions, with a goal of all employees in positions that require licenses being licensed within 1 year of starting their job.

All Divisions - Energy and Conservation

Activity Description: Focus on water conservation and reducing non-revenue water, conserving energy usage throughout CBU facilities, developing green infrastructure, and public education.

Goals:

- Expand CBU's efforts for source water protection in the Lake Monroe watershed, working in conjunction with other community groups. Dedicate an intern to the data gathering and analysis efforts of the Water Fund Team (Friend of Lake Monroe, The Nature Conservancy,

Indiana University, Indiana Department of Natural Resources, and U.S. Army Corps of Engineers).

- Reduce energy usage throughout CBU facilities by reducing total CBU electricity consumption by 2% relative to 2018 consumption.
- Budget \$100,000 for the Water Conservation Program, as agreed with Indiana Utilities Regulatory Commission (IURC) during water rate case.
- Develop standardized K-12 water conservation curricula for CBU to implement in local school system, finalized by Q4 2019.
- Generate over 12% of electricity consumed by CBU on site by solar panels installed in 2018.

Finance - Long-Term Financial Planning

Activity Description: Engage in long-term financial planning for all utilities for smooth future rate adjustments.

Goals:

- Conduct a cost-of-service study for wastewater collection and treatment, and bring a rate proposal to Utilities Service Board (USB) and Council before the end of 2018.
 - The Capital Investment Plan (CIP) for wastewater requires over \$50M in capital expenditures for capacity improvements in the next 5 years to meet requirements for capacity for the next 20+ years. Additionally, the Dillman Road Wastewater Treatment Plant (WWTP) is 36 years old and is nearing end of life in many of its major components. This investment will address aging infrastructure at the plant along with expanding capacity for future growth.
 - Include a 2% annual escalation rate in the proposal to smooth future rate adjustments reduce future rate “shocks.”
- Conduct a rate study for stormwater services, and bring a rate proposal to USB and Council before the end of 2018.
 - The CIP for stormwater requires over \$12M in capital expenditures over the next 2 years for major stormwater infrastructure, especially the Jordan River culvert. The replacement has an expected lifespan of over 10 years.
 - Include a 2% annual escalation rate in the proposal to reduce future rate “shocks.”
- Conduct a cost-of-service study for the water utility.
 - Begin the study in 3Q 2019, with completion in early 2020 for the anticipated 2020 water rate case.

Finance - Billing and Customer Service

Activity Description: Focus on customer service. CBU is beginning the implementation of an advanced metering infrastructure that will allow us to detect leaks remotely, which will save money for our customers. It also will help customers with their own conservation efforts. We also are continuing to improve sanitation billing integration and our Customer Assistance program.

Goals:

- Implement the advanced metering initiative (AMI) via a lease-purchase arrangement, allowing CBU to achieve gains in efficiency, accuracy, and improved customer service.
 - Begin training program for accounting, customer service, billings and collections staff in 1Q 2019.
 - Implement data management module for data analytics in 2Q 2019.
 - Oversee installation of meters with 90% installed by end of 4Q 2019.
 - Conduct an organizational assessment for all of CBU, assigning positions in meter services that will be affected by the AMI to maintenance positions.
- Work with the Sanitation division of Public Works to best serve shared customers and streamline processes to save up to 10% of time spent preparing monthly bills.
- Continue Customer Assistance Program with an annual budget of \$40,000.
 - In 2018, the program had 99 unique participants with a fraction of earmarked funds spent.

Water Utility - Treatment

Activity Description: Maintain and continue water quality improvements. In a community survey, 90% of respondents said high-quality drinking water was essential, but only 74% feel that the water quality is where it should be.

Goals:

- Continue efforts to optimize Monroe WTP operations, keeping the annual average of each category of disinfection byproduct at or below 60% of the regulatory limit.
- Complete a feasibility study for Chlorine Dioxide pre-oxidation, which may offer better control of algal growth and disinfection by-products by the end of 2018.
- Increase by 5% the budget for repair of treatment-related materials such as algae-control devices, and components for coagulation and disinfection process.

Water Utility - Water Distribution and Quality

Activity Description: Enhance system resiliency. CBU is replacing aging water mains, especially in areas where main breaks are common. We also are expanding our efforts to prevent water contamination by backflow incidents.

Goals:

- Complete construction of a bulk water station by the end of 2018.
- Eliminate the hydrant meter rental program, reducing the potential for backflow incidents.
- Continue the water-main replacement program to address system water loss, improve water quality and reduce disruptive main breaks.
 - Perform annual review in 1Q 2019 of project priorities and schedule.
 - Complete 2.5 miles of 420 miles of water main replacement in 2018
 - Complete 2.5 miles of 420 miles of water main replacement in 2019.

Sewer Utility - Treatment

Activity Description: Plan for future capacity needs at various CBU facilities.

Goals:

- Complete design phase to add 5 MGD to Dillman Road WWTP capacity by end of 2Q 2019.
- Complete design phase to add an equalization basin, primary clarifier, and other capacity improvements at Blucher Poole by end of 2Q 2019.
- Begin construction on capacity improvements at both plants in 4Q 2019.

Sewer Utility - Collection system

Activity Description: Eliminate chronic sanitary sewer overflows. Plan for future capacity needs.

Goals:

- Eliminate all chronic sanitary sewer overflows (SSOs) in CBU service area by 2020.
 - The completion of the South Central Interceptor in 2018 will eliminate SSOs on S. Walnut/Grimes.
- Construct lift station and force main to support the eastside IU Health facility, re-routing of the Tamarron lift station to the Blucher Poole basin, and increasing the size of the northern interceptor sewer.
 - Project will reduce storm flow to the College Mall Road interceptor and reduce the frequency of overflows to about 1 per year, with expected project completion in 3Q 2019.
- Reduce Inflow & Infiltration to the sewer system by continuing the strategic sewer lining program, thereby reducing operational costs at the plants and improving department's ability to manage wet weather.
 - Complete project to line 2.0-2.5 miles of sewer in 2019.

Stormwater Utility

Activity Description: Address long-term stormwater management needs.

Goals:

- Enhance and improve stormwater management and education programs by establishing a dedicated MS4 Coordinator position within the Environmental Division.
- Improve CBU's responsiveness to neighborhood stormwater efforts by budgeting for a neighborhood grant program.
 - Research programs in other communities and develop program procedures by June 2019.
 - Advertise to community by July 2019.

2019 Budget Proposal Highlights

Water Utility Funds Budget Request

| | 2017 Actual | 2018 Adopted | 2019 Requested | % Change |
|--------------------------|------------------------|-------------------------|---------------------------|-----------------|
| Personnel Services* | \$4,127,412 | \$4,446,284 | \$4,568,557 | 2.8% |
| Supplies | \$1,929,487 | \$1,794,766 | \$1,890,123 | 5.3% |
| Other Services & Charges | \$3,323,818 | \$2,983,842 | \$3,367,702 | 12.9% |
| Capital Outlays | \$2,878,990 | \$4,019,301 | \$3,736,620 | (7.0%) |
| Water Sinking (P&I)** | \$5,307,551 | \$5,451,079 | \$5,620,853 | 3.1% |
| Total | \$17,567,014 | \$18,695,272 | \$19,183,855 | 2.6% |

*As the Category 1 figures are populated by the Office of the Controller, any increases in that category will be offset by a decrease in Category 4, in which our capital budget resides (Extensions & Replacements U47420).

**Interest payments recorded as expenses; principal payments recorded as reduction in Long Term Liability; both budgeted here though.

Significant changes in the Water Utility include:

Revenue has an expected \$488,583 increase.

With a 2017 rate increase fully in place for metered revenue, the revenue projections are conservative, averaging to a total projected 2.6% increase in revenue for the water utility. A modest growth factor in metered revenues from additional connections to the system is included, but offset by a continuing, though also modest, conservation trend by customers.

Expenses are balanced to projected revenues.

Note: One significant change to the 2019 budget that is not reflected in the categories below has been to the administrative division. In 2018, the addition of the Assistant Director of Environmental Programs position has led CBU to split the Environmental division budget out of the Administrative division budget. This division has separated out the Assistant Director, Pretreatment Coordinator, Water Quality Coordinator, Energy Resource Manager, Environmental Programs Coordinator, and Pretreatment Inspector positions (6.0 FTE altogether).

Category 1 - Personnel request is \$4,568,557. This is an increase of \$122,274.

There is no expectation of large-scale change to this category. Anticipated changes include a 2% increase for personnel for an annual increase. In 2018, the City of Bloomington had concluded a salary study and it is anticipated that there may be off-cycle salary adjustments in budget year 2019.

Category 2 - Supplies request is \$1,890,123. This is an increase of \$95,357.

A standard 2% increase is estimated for chemicals and most materials and supplies at the water plant, distribution system, and service center. Additionally, it is estimated an overall 5% increase for power (significantly in treatment and pumping), with some offsets from solar credits.

Significant changes include the following budget lines:

- **Line U62001-Materials & Supplies General:** increases in Transmission & Distribution, Purchasing/Supply, and Engineering expenses lines to fund increased maintenance and inspection activity costs. In Purchasing/Supply, especially, crew will embark on routine building painting, parking lot sealing, and carpet and tile replacement projects throughout service center and garage.
- **Line U62020-Materials and Supplies Lines:** decrease based on current and historical spending.
- **Line U62021-Materials and Supplies Services:** decrease based on current and historical spending and includes inventory items used in the Transportation and Distribution division.
- **Line U62022-Materials & Supplies Meters:** decrease in anticipation of comprehensive meter replacement program and elimination of hydrant meter rental program.
- **Line U62023-Meters and Supplies Hydrants:** decrease based on current and historical spending.
- **Line U62024-Materials and Supplies Structures:** decrease based on current and historical spending.
- **Line U62026-Materials and Supplies Pumps:** increase due to spending trends, along with anticipation to buy pumps and pumping supplies for backup.
- **Line U62032-Materials and Supplies Treatment:** increase for repair of treatment-related materials such as algae-control devices, and components for coagulation and disinfection process.
- **Line U62040-Materials and Supplies Statements:** increase due to costs of printing and postage for monthly statements.
- **U62043-Materials and Supplies Office Furniture:** increase due to anticipated costs including standing desks, ergonomic support chairs, and furniture refresh.
- **U62044-Materials and Supplies Office Supplies:** increase due to consumption.
- **U62124-Furniture and Fixtures Computers:** increase due to annual refresh (25% of computers annually) to get back on track.

Category 3 - Other Services & Charges request is \$3,367,702. This is an increase of \$383,860.

This significant increase is due to an anticipated organizational assessment, an anticipated water Cost of Service Study and Rate Case, an anticipated 10% increase for the interdepartmental agreement and in lieu of taxes rate (this is an estimate as no agreement has been made at the time of this budget), and a significant increase to the cost of liability insurance.

Significant changes include the following budget lines:

- **Line U61000-Purchased Water:** increase of 2% in purchased water, primarily consumed by the wastewater treatment plants, is anticipated.
- **Line U61733-Telephone- Other Charges:** increase of 4% is anticipated due to rising costs for Centrex services that are used at the plants and at the service center.
- **Line U62200-Training:** Increase training budget for professional departments in order to align more closely with 1.5% of salary target figure.
- **Line U63200-Contract Services Accounting:** increase anticipated for a 2019 Water Utility Cost of Service study and Rate Review that would take effect in Fiscal Year 2020.
- **Line U63600-Contracted Services - Other:** increase for an organizational assessment for all of the City of Bloomington Utilities.
- **Line U63701-Contract Services Interdepartmental:** increase 10% for the interdepartmental agreement.
- **Line U63702-Contract Services In Lieu of Taxes:** increase 10% based on trends of the past two years (increase was 7% in 2016 and 12% in 2017).
- **Line U65000-Transportation:** increase due to increased maintenance and fuel costs.
- **Line U65020-Transportation Lines:** increase includes expenses for the Transmission and Distribution vehicles maintenance, repair, and fuel.
- **Line U65022-Transportation Meter:** decrease includes maintenance, repairs, and fuel for the vehicles and equipment used by the meter services group. With the implementation of advanced metering infrastructure, meter reading will be done at the Service Center rather than manually or driving by the meter.
- **Line U65700-Liability Insurance:** increase expected per the City of Bloomington Risk Management group.
- **Line U67501-Miscellaneous Expense:** increase primarily in the Billing & Collections department, in which credit card processing fees are charged. These fees not only increase each year, but so does the volume of customers utilizing credit cards for payment. With the Sanitation billing integration, CBU also anticipates the added volume to process, though reimbursement for that portion will be reflected in the Interdepartmental Agreement.
- **Line U67547-Miscellaneous Expense Software:** increase to upgrade management personnel to Adobe Acrobat Pro.

Category 4 Capital Outlays request is \$3,736,620. This is a decrease of \$282,681.

With the rate increase fully in effect, we are able to adequately fund a capital replacement program for the water utility - [see attached project list](#).

Sewer Utility Funds Budget Request

| | 2017 Actual | 2018 Adopted | 2019 Requested | % Change |
|----------------------------|------------------------|-------------------------|---------------------------|---------------------|
| Personnel Services* | \$7,063,036 | \$7,742,637 | \$7,777,152 | 0.4% |
| Supplies | \$1,267,980 | \$1,229,855 | \$1,317,353 | 4.2% |
| Other Services & Charges | \$3,647,997 | \$4,276,465 | \$4,491,320 | 5.0% |
| Capital Outlays* | \$3,421,258 | \$4,976,119 | \$5,241,359 | 5.3% |
| Wastewater Sinking (P&I)** | \$6,371,043 | \$5,128,014 | \$5,355,729 | 4.4% |
| Total | \$21,771,315 | \$23,483,356 | \$24,182,913 | 3.0% |

*As the Category 1 figures are populated by the Office of the Controller, any increases in that category will be offset by a decrease in Category 4, in which our capital budget resides (Extensions & Replacements U47420).

**Interest payments recorded as expenses; principal payments recorded as reduction in Long Term Liability; both budgeted here though.

Significant changes in the Sewer Utility include:

Revenue has an expected \$699,577 increase.

A modest growth factor in metered revenues from additional connections to the system is included, but offset by a continuing, though also modest, conservation trend by customers. Additionally, a modest revenue amount is projected from the increase of non-recurring expenses.

Note: Significant changes in 2019 include the split of the Environmental division budget from the Administrative division budget. This division has separated out the Assistant Director, Pretreatment Coordinator, Water Quality Coordinator, Energy Resource Manager, Environmental Programs Coordinator, and Pretreatment Inspector positions (6.0 FTE altogether).

Category 1 - Personnel request is \$7,777,152. This is an increase of \$34,513.

There is no expectation of large-scale change to this category. Anticipated changes include a 2% increase for personnel for an annual increase. In 2018, the City of Bloomington had concluded a salary study and it is anticipated that there may be off-cycle salary adjustments in budget year 2019.

Category 2 - Supplies request is \$1,317,353. This is an increase of \$53,485..

A standard 2% increase is estimated for chemicals and most materials and supplies at the sewer plants, collection system, and service center. Significant changes include:

- **U62001-Materials and Supplies General:** decrease based on current and historical spending.
- **U62020-Materials and Supplies Lines:** decrease based on current and historical spending.
- **U62022-Materials & Supplies Meters:** decrease based on current and historical spending as well as implementation of the advanced metering infrastructure project.
- **U62024-Materials and Supplies Structures:** decrease based on current and historical spending.
- **U62026-Materials and Supplies Pumps:** increase due to spending trends along with anticipation of buying pumps and pumping supplies for backup.
- **U62032-Materials and Supplies Treatment:** decrease based on current and historical spending.
- **U62040-Materials and Supplies Statements:** increase due to increasing costs of printing and postage for monthly statements.
- **U62044-Materials & Supplies Office Supplies:** increase due to increased consumption.

Category 3 - Other Services & Charges request is \$4,491,320. This is an increase of \$118,603.

This category expects a significant increase due to an anticipated organizational assessment, an anticipated 10% increase for the interdepartmental agreement and in lieu of taxes rate estimated, as no agreement has been made at the time of this budget), and a significant increase to the cost of liability insurance. This account was offset by the reduction in the line item for other services- accounting as the 2018 Cost of Services Study that is taking place in 2018 is not anticipated to impact the 2019 budget. Significant changes include:

- **U61132-Sludge Treatment Removal:** increase to reflect current expenditures.
- **U61125-Transportation Sludge Removal:** while transportation sludge removal budget is fully utilized in hauling, these two line items decrease as CBU treats less internally.
- **U61530-Purchased Power:** significant decrease due to solar credits for solar at the City of Bloomington Utilities Service Center.
- **U61531-Purchased Power Pumping:** increase does not include credits from the solar initiative; cost estimates from this line item were calculated from estimates from Duke Energy.
- **U61532-Purchased Power Treatment:** increase does not include credits from the solar initiative; cost estimates from this line item were calculated from estimates from Duke Energy.
- **U61733-Telephone Other Charges:** increase due to increased costs for Centrex phone services which services the Service Center and each of the plants.

- **U63200-Contract Services Accounting:** budgetary impacts from the 2018 Cost of Service Study and Rate Review are expected to be contained in the FY2018 budget.
- **U63300-Contract Services Other:** provide Engineering Department funds for contingency needs related to major projects, including tree removal, masonry, inspection, and other professional services. Additionally, this includes the wastewater portion of the organizational assessment activity to take place in 2019.
- **U63701-Contract Services Interdepartmental:** increase of 10% for the 2019 Interdepartmental agreement.
- **U63702-Contract Services In Lieu of Taxes:** increase of 10% for the 2019 In Lieu of Taxes.
- **U65000-Transportation:** calculated by the fleet department for the cost of maintaining vehicles and equipment and the cost of fuel.
- **U65020-Transportation Lines:** includes expenses for the Transmission and Distribution division of CBU for vehicles maintenance, repair, and fuel.
- **U65022-Transportation Meter:** this reduced budget line item was calculated by fleet and includes maintenance, repairs, and fuel for the vehicles and equipment used by the meter services group. With the implementation of advanced metering infrastructure, meter reading will be done at the Service Center rather than manually or driving by the meter.
- **U65700-Liability Insurance:** expected large increase in liability insurance per the City of Bloomington Risk Management group.
- **U67501-Miscellaneous Expense:** increase primarily in the Billing & Collections department, in which credit card processing fees are charged. These fees not only increase each year, but so does the volume of customers utilizing credit cards for payment. With the Sanitation billing integration, CBU also anticipates the added volume to process, though reimbursement for that portion will be reflected in the Interdepartmental Agreement.
- **U67547-Miscellaneous Expense Software:** earmarked for asset management system purchase.

Category 4 - Capital Outlays request is \$5,241,359. This is an increase of \$265,240.

A modest increase is expected due to the 2017 Sewer Bonds principal payment coming due in 2019 - [see attached project list](#)

Stormwater Utility Funds Budget Request

| | 2017 Actual | 2018 Adopted | 2018 Requested | % Change |
|--------------------------|----------------|-----------------|----------------|-------------|
| Personnel Services | \$574,744 | \$654,177 | \$715,082 | 9.3% |
| Supplies | \$132,567 | \$175,820 | \$175,280 | (0.3%) |
| Other Services & Charges | \$36,702 | \$91,750 | \$86,209 | (6.0%) |
| Capital Outlays | \$286,657 | \$598,262 | \$571,059 | (4.5%) |
| Total | \$930,670 | \$1,520,009 | \$1,547,630 | 1.8% |

Significant changes to the Stormwater Utility include:

Revenue has an expected \$27,627 increase.

A modest growth factor in metered revenues from new development is included.

Category 1 - Personnel request is \$715,082. This is an increase of \$60,905.

It is anticipated that there will be 4 new part-time temporary positions. One position which is currently at 0.80 FTE is being brought to full time.

Category 2 - Supplies request is \$175,280. This is a decrease of \$540.

Category 3 - Other Services & Charges request is \$86,209. This is a decrease of \$5,541.

This category has decreased mainly due to the one-time expense of a rate review in 2018 which is not reflected in the 2019 budget. Significant changes include:

- **U63300-Contract Services Other:** Includes the stormwater utility portion of the organizational assessment activity to take place in 2019.

Category 4 - Capital Outlays* request is \$571,059. This is a decrease of \$27,203.

The capital budget is reduced in order to accommodate increased expenses in each other category (above) - [See attached project list.](#)

Conclusion

Thank you for your consideration of the 2019 City of Bloomington Utilities budgetary request. I would be happy to answer any questions or provide any additional detail.



| WATER TREATMENT | | | | | | |
|---|-------------------|---------------------|---------------------|---------------------|---------------------|--------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Water Quality Improvements - Filtration Study | | | | | | |
| Engineering (Arcadis) | \$ 67,800 | | | | | \$ 67,800 |
| Equipment / Instruments | \$ 75,000 | | | | | \$ 75,000 |
| Lagoon Improvements | | | | | | |
| Cleaning (Sludge dewatering and removal) | \$ 40,000 | | | | | \$ 40,000 |
| All Other Work and Improvements | \$ 38,000 | \$ 50,000 | | | | \$ 88,000 |
| Residuals Management Evaluation and Improvements | | | | | | |
| Preliminary Engineering | \$ 66,000 | | | | | \$ 66,000 |
| Engineering | \$ 85,000 | \$ 85,000 | | | | \$ 170,000 |
| Construction | | \$ 2,200,000 | | | | \$ 2,200,000 |
| Residuals Holding Basin No. 2 | | | | | | |
| Engineering - on hold waiting for basin clean test | | | | | | \$ - |
| Construction | | | | | | \$ - |
| Dillman Road WWTP Laboratory Facility Renovations | | | | | | |
| Architect - Space Planning Study | \$ 13,020 | | | | | \$ 13,020 |
| Architect | | \$ 45,000 | \$ 10,000 | | | \$ 55,000 |
| Construction | | | \$ 450,000 | | | \$ 450,000 |
| Conversion to Chlorine Dioxide - On-Site Generation | | | | | | |
| Engineering | | \$ 450,000 | \$ 75,000 | \$ 75,000 | | \$ 600,000 |
| Construction | | | \$ 1,500,000 | \$ 1,500,000 | | \$ 3,000,000 |
| Low Service Outdoor Switchgear Enclosure Coating Replacement | | | | | | |
| Professional Services | | \$ 12,000 | | | | \$ 12,000 |
| Construction | | \$ 90,000 | | | | \$ 90,000 |
| Substation Transformer Upgrade | | | | | | |
| Professional Services | | | | \$ 45,000 | \$ 15,000 | \$ 60,000 |
| Construction | | | | | \$ 400,000 | \$ 400,000 |
| Standby Power Improvements | | | | | | |
| Professional Services | | | | \$ 250,000 | \$ 125,000 | \$ 375,000 |
| Construction | | | | | \$ 1,250,000 | \$ 1,250,000 |
| High Service Pump VFD Replacement (Two) | | | | | | |
| Engineering | | | | \$ 75,000 | \$ 15,000 | \$ 90,000 |
| Construction | | | | | \$ 600,000 | \$ 600,000 |
| Total Expenditure | \$ 384,820 | \$ 2,932,000 | \$ 2,035,000 | \$ 1,945,000 | \$ 2,405,000 | |

| DISTRIBUTION - PUMPING FACILITIES | | | | | | |
|---|------------------|-------------------|-------------------|-------------------|-------------|------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| West Booster Flow Meter Installation | | | | | | |
| Construction | \$ 16,000 | | | | | \$ 16,000 |
| Gentry Booster Improvements | | | | | | |
| Construction | | \$ 35,000 | | | | \$ 35,000 |
| West Booster Rehabilitation - Includes pumps, motors, VFD, and motor control center | | | | | | |
| Professional Services | | \$ 100,000 | \$ 20,000 | | | \$ 120,000 |
| Construction | | | \$ 800,000 | | | \$ 800,000 |
| South Central Booster Rehabilitation and Improvements - Includes pumps, motors, and flow meter | | | | | | |
| Professional Services | | | \$ 40,000 | \$ 275,000 | | \$ 315,000 |
| Construction | | | | \$ 450,000 | | \$ 450,000 |
| Total Expenditure | \$ 16,000 | \$ 135,000 | \$ 860,000 | \$ 725,000 | \$ - | |



| DISTRIBUTION - STORAGE TANKS | | | | | | |
|---|------------------|-------------------|------------------|------------------|------------------|------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Storage Tank Inspections | | | | | | |
| Professional Services | \$ 10,500 | \$ 10,500 | \$ 10,500 | \$ 15,750 | \$ 10,500 | \$ 57,750 |
| Tank Mixing System Installation | | | | | | |
| Equipment and Installation | | \$ 50,000 | \$ 50,000 | \$ 70,000 | \$ 50,000 | \$ 220,000 |
| East Tank Coating Replacement and Improvements | | | | | | |
| Engineering | \$ 25,000 | \$ 50,000 | | | | \$ 75,000 |
| Construction | | \$ 550,000 | | | | \$ 550,000 |
| Monroe Reservoir Repairs | | | | | | |
| Engineering | | | \$ 30,000 | | | \$ 30,000 |
| Construction | | | \$ 160,000 | | | \$ 160,000 |
| Total Expenditure | \$ 35,500 | \$ 660,500 | \$ 60,500 | \$ 85,750 | \$ 60,500 | |

| DISTRIBUTION - TRANSMISSION | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|--------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Replacements / Relocations as Needed to Accommodate Transportation Projects | | | | | | |
| Fullerton Pike Water Line Phase I | \$ 1,780,000 | | | | | \$ 1,780,000 |
| Fullerton Pike Water Line Phase II | \$ 165,000 | | | | | \$ 165,000 |
| Showers Rd. 12" Water Line (Oversizing Cost) | | \$ 125,000 | | | | \$ 125,000 |
| Showers Rd. 12" Water Line (Phase II by CBU) | | \$ 135,000 | | | | \$ 135,000 |
| Water Main Replacement Program | | | | | | |
| Professional Services and Construction | \$ 1,800,000 | \$ 1,800,000 | \$ 1,800,000 | \$ 1,800,000 | \$ 1,800,000 | \$ 9,000,000 |
| Fire Hydrant Maintenance | | | | | | |
| Fire Hydrant Maintenance (All Hydrants Annually) | \$ 118,000 | \$ 118,000 | \$ 118,000 | \$ 118,000 | \$ 118,000 | \$ 590,000 |
| Distribution System Capacity Testing | | | | | | |
| System Capacity Testing (25% of System Annually) | \$ 38,000 | \$ 38,000 | \$ 38,000 | \$ 38,000 | \$ 38,000 | \$ 190,000 |
| Valve Operation Testing | | | | | | |
| Valve Testing Includes Locating, Exercising, and Documenting | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 200,000 |
| AMI (\$7,500,000 total project cost, 40% W = \$3,000,000) (Extensions & Replacements) | | | | | | |
| | | \$ 750,000 | \$ 750,000 | \$ 750,000 | \$ 750,000 | \$ 3,000,000 |
| Total Expenditure - Extensions and Replacements Fund | \$ 156,000 | \$ 466,000 | \$ 206,000 | \$ 206,000 | \$ 206,000 | |

| DISTRIBUTION - SCADA | | | | | | |
|---|------------------|------------------|-------------|-------------|-------------|-----------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| SCADA System Improvements | | | | | | |
| Software Licensing | \$ 22,200 | | | | | \$ 22,200 |
| Computing Hardware | \$ 2,500 | | | | | \$ 2,500 |
| Electrical Upgrades | \$ 4,000 | | | | | |
| Configuration | \$ 55,000 | | | | | |
| Analytical Instrumentation Installation and Configuration | | \$ 75,000 | | | | \$ 75,000 |
| Total Expenditure | \$ 83,700 | \$ 75,000 | \$ - | \$ - | \$ - | |



| OTHER | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|--------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Griffy WTP Deconstruction | | | | | | |
| Professional Services | \$ 50,000 | | | | | \$ 50,000 |
| Construction | \$ 600,000 | \$ 200,000 | | | | \$ 800,000 |
| Bulk Water Sales | | | | | | |
| Equipment / Materials | \$ 85,000 | | \$ 85,000 | | | \$ 170,000 |
| Installation | \$ 20,000 | | \$ 20,000 | | | \$ 40,000 |
| GIS Conversion to ARC (\$15,940 total, 40% W = \$6,376) | | | | | | |
| Consulting (SwovaTech) | \$ 6,376 | | | | | \$ 6,376 |
| Vehicles and Equipment Replacement | | | | | | |
| Annual Budget for Vehicle and Equipment Replacement | \$ 365,000 | \$ 365,000 | \$ 365,000 | \$ 365,000 | \$ 365,000 | \$ 1,825,000 |
| Lighting, HVAC, and Solar System Energy Savings Projects | | | | | | |
| \$1,000,000 Project Cost, 10 YR Contract, Annual Payment Amount | | \$ 125,000 | \$ 125,000 | \$ 125,000 | \$ 125,000 | \$ 500,000 |
| Total Expenditure | \$ 476,376 | \$ 365,000 | \$ 470,000 | \$ 365,000 | \$ 365,000 | |

| TOTALS | | | | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|--------------|
| | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| WATER TREATMENT | \$ 384,820 | \$ 2,932,000 | \$ 2,035,000 | \$ 1,945,000 | \$ 2,405,000 | |
| DISTRIBUTION - PUMPING FACILITIES | \$ 16,000 | \$ 135,000 | \$ 860,000 | \$ 725,000 | \$ - | |
| DISTRIBUTION - STORAGE TANKS | \$ 35,500 | \$ 660,500 | \$ 60,500 | \$ 85,750 | \$ 60,500 | |
| DISTRIBUTION - TRANSMISSION | \$ 156,000 | \$ 466,000 | \$ 206,000 | \$ 206,000 | \$ 206,000 | |
| DISTRIBUTION - SCADA | \$ 83,700 | \$ 75,000 | \$ - | \$ - | \$ - | |
| OTHER | \$ 476,376 | \$ 365,000 | \$ 470,000 | \$ 365,000 | \$ 365,000 | |
| Total Expenditure | \$ 1,152,396 | \$ 4,633,500 | \$ 3,631,500 | \$ 3,326,750 | \$ 3,036,500 | |



| DILLMAN ROAD WWTP | | | | | | |
|--|---------------------|---------------------|----------------------|---------------------|---------------------|--------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Effluent Filter Improvements - Includes Replacement of Valves and Actuators, Pumps and Motors | | | | | | |
| Planning/Engineering (<i>Wessler Engineering</i>) | \$ 156,300 | | | | | \$ 156,300 |
| Construction | \$ 950,000 | | | | | \$ 950,000 |
| Aeration Basin Air Diffuser Improvements | | | | | | |
| 4 Basins Construction Cost | \$ 335,000 | | | | | \$ 335,000 |
| Clarifier Algae Control - Weir covers for two Clarifier Basins per year | | | | | | |
| Construction | \$ 200,000 | \$ 200,000 | \$ 200,000 | | | \$ 600,000 |
| Facility Planning Study - 20-Year | | | | | | |
| Engineering (<i>Greeley & Hansen</i>) (Extensions & Replacement) | \$ 187,000 | | | | | \$ 187,000 |
| Plant Capacity Expansion to 20 mgd - Minimum Effort | | | | | | |
| 2 Digester Tanks - Membrane with PD | | \$ 779,158 | \$ 3,116,630 | | | \$ 3,895,788 |
| 3A Aeration Tanks - with RAS/WAS/Scum Pumps | | \$ 881,400 | \$ 3,525,600 | | | \$ 4,407,000 |
| 3B Multi-stage Blowers | | \$ 271,471 | \$ 1,085,885 | | | \$ 1,357,356 |
| 4 Standalone Disc Filter Addition | | \$ 624,031 | \$ 2,496,125 | | | \$ 3,120,156 |
| 5 Modest Improvements to Chemical Disinfection | | \$ 52,884 | \$ 211,536 | | | \$ 264,420 |
| 6 Waste Activated Sludge Thickening - Gravity Belt | | \$ 564,096 | \$ 2,256,384 | | | \$ 2,820,480 |
| 8 Phase 1 Electrical Improvements | | \$ 694,543 | \$ 2,778,173 | | | \$ 3,472,716 |
| Turbo Blowers adder | | \$ 172,754 | \$ 691,018 | | | \$ 863,772 |
| Existing SCADA Improvements | | \$ 141,024 | \$ 564,096 | | | \$ 705,120 |
| 1 Vortex Grit Removal | | | | \$ 1,050,629 | \$ 4,202,515 | \$ 5,253,144 |
| 8 Phase 1 more Electrical Improvements | | | | \$ 229,164 | \$ 916,656 | \$ 1,145,820 |
| Laboratory Facility Renovations (60% WW funded amount shown) | | | | | | |
| Architect - Space Planning Study | \$ 35,000 | | | | | \$ 35,000 |
| Architect | | \$ 50,000 | \$ 20,050 | | | \$ 70,050 |
| Construction | | | \$ 467,000 | | | \$ 467,000 |
| Other - Maintenance and Incidental | | | | | | |
| Entrance Gate Replacement and Associated Improvements | \$ 90,000 | | | | | \$ 90,000 |
| Electrical Switchgear and Transformer Maintenance | \$ 35,000 | | | | | \$ 35,000 |
| Mechanical Screen No. 1 Replacement | | | | \$ 350,000 | | \$ 350,000 |
| Sludge Press Re-Build | | | | \$ 325,000 | | \$ 325,000 |
| Total Expenditure | \$ 1,988,300 | \$ 4,431,362 | \$ 17,412,496 | \$ 1,954,793 | \$ 5,119,171 | |

| BLUCHER POOLE WWTP | | | | | | |
|---|------------|--------------|--------------|------|------|--------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Influent Mechanical Screen Replacement | | | | | | |
| Construction | \$ 199,000 | | | | | \$ 199,000 |
| Aeration Basin Improvements (Nos. 1 & 2) | | | | | | |
| Construction | \$ 125,000 | | | | | \$ 125,000 |
| Phosphorous Removal System | | | | | | |
| Included with EQ Pricing | | | | | | |
| Equalization Basin and Associated Improvements | | | | | | |
| Preliminary Engineering | \$ 78,000 | | | | | \$ 78,000 |
| Engineering/Construction | | \$ 1,900,000 | \$ 7,600,000 | | | \$ 9,500,000 |
| Non-Potable Water System Replacement | | | | | | |
| Construction | \$ 200,000 | | | | | \$ 200,000 |

BLUCHER POOLE WWTP - Continued Next Page



| Other - Maintenance and Incidental | | | | | | |
|---|-------------------|---------------------|---------------------|---------------------|-------------|------------|
| UV System Shelter Protection | | | \$ 48,000 | | | 48,000 |
| Parshall Flume Concrete Rehabilitation | | | \$ 40,000 | | | 40,000 |
| UV System Replacement | | | | | | |
| Engineering | | | \$ 80,000 | \$ 15,000 | | \$ 95,000 |
| Construction | | | | \$ 680,000 | | \$ 680,000 |
| Miscellaneous Improvements | | | | | | |
| Engineering | | | \$ 140,000 | \$ 47,500 | | 187,500 |
| Construction | | | | \$ 1,250,000 | | 1,250,000 |
| Total Expenditure | \$ 602,000 | \$ 1,900,000 | \$ 7,908,000 | \$ 1,992,500 | \$ - | |

| COLLECTION SYSTEM | | | | | | |
|--|---------------------|---------------------|---------------------|-------------------|-------------------|--------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| South Central Interceptor Sewer | | | | | | |
| Engineering \$598,000 | \$ 100,000 | | | | | \$ 100,000 |
| Construction \$7,000,000 | \$ 6,000,000 | \$ 900,000 | | | | \$ 6,900,000 |
| Plymouth Lift Station Elimination | | | | | | |
| Construction (CBU forces; Does not include RR bore crossing) | \$ 145,000 | | | | | \$ 145,000 |
| I&I Reduction Program Development | | | | | | |
| Engineering | \$ 100,000 | \$ 100,000 | | | | \$ 200,000 |
| Gravity Sewer Lining and Manhole Rehabilitation | | | | | | |
| Engineering/construction | \$ 430,000 | \$ 430,000 | \$ 430,000 | \$ 430,000 | \$ 430,000 | \$ 2,150,000 |
| IU Health Regional Lift Station, and Force Mains (IUH contribution of \$3.2M leaves balance of \$920,000) | | | | | | |
| Engineering (Bynum & Fanyo) | \$ 40,000 | \$ 30,000 | | | | \$ 70,000 |
| Construction (FM and lift station) | \$ 300,000 | \$ 620,000 | | | | \$ 920,000 |
| IU Health North Interceptor Improvements (IUH bid alternates 1 and 2) | | | | | | |
| Construction | | \$ 300,000 | \$ 717,500 | | | \$ 1,017,500 |
| Total Expenditure | \$ 7,115,000 | \$ 2,380,000 | \$ 1,147,500 | \$ 430,000 | \$ 430,000 | |

| OTHER | | | | | | |
|--|-------------------|---------------------|---------------------|---------------------|---------------------|--------------|
| PROJECT | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| AMI (\$7,500,000 total project cost, (60% WW = \$4,500,000) | | | | | | |
| Construction | | \$ 1,125,000 | \$ 1,125,000 | \$ 1,125,000 | \$ 1,125,000 | \$ 4,500,000 |
| GIS Conversion to ARC (\$15,940 total, 40% W = \$9,564) | | | | | | |
| Consulting (SwovaTech and Frontier) | \$ 25,000 | | | | | \$ 25,000 |
| Vehicles and Equipment Replacement | | | | | | |
| Annual Budget for Vehicle and Equipment Replacement | \$ 365,000 | \$ 365,000 | \$ 365,000 | \$ 365,000 | \$ 365,000 | \$ 1,825,000 |
| Total Expenditure | \$ 390,000 | \$ 1,490,000 | \$ 1,490,000 | \$ 1,490,000 | \$ 1,490,000 | |

| EXPENDITURE SUMMARY BY LOCATION | | | | | |
|--|----------------------|----------------------|----------------------|---------------------|---------------------|
| | 2018 | 2019 | 2020 | 2021 | 2022 |
| Dillman Road WWTP | \$ 1,988,300 | \$ 4,431,362 | \$ 17,412,496 | \$ 1,954,793 | \$ 5,119,171 |
| Blucher Poole WWTP | \$ 602,000 | \$ 1,900,000 | \$ 7,908,000 | \$ 1,992,500 | \$ - |
| Collection System | \$ 7,115,000 | \$ 2,380,000 | \$ 1,147,500 | \$ 430,000 | \$ 430,000 |
| Other (AMI) | \$ 390,000 | \$ 1,490,000 | \$ 1,490,000 | \$ 1,490,000 | \$ 1,490,000 |
| Total Wastewater | \$ 10,095,300 | \$ 10,201,362 | \$ 27,957,996 | \$ 5,867,293 | \$ 7,039,171 |



| CULVERT (TUNNEL) REPLACEMENTS | | | | | | |
|---|-------------------|---------------------|--------------|---------------------|------|---------------|
| PROJECT (Funding Source) | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Jordan River Culvert Replacement - 2nd St. to 4th St. (Revenue Bond) | | | | | | |
| Professional Services | \$ 15,000 | | | | | \$ 15,000 |
| Right of Way Acquisiton | \$ 140,000 | \$ 30,000 | | | | \$ 170,000 |
| Construction (Contracted) | | \$ 2,500,000 | \$ 5,000,000 | \$ 2,500,000 | | \$ 10,000,000 |
| Jordan River Culvert at Indiana (Revenue Bond) | | | | | | |
| Professional Services | | | | \$ 30,000 | | \$ 30,000 |
| S. High St. at E. Covenanter Culvert Replacement (Extensions & Replacements) | | | | | | |
| Construction (CBU T&D) | \$ 50,000 | | | | | \$ 50,000 |
| Total Expenditure for Culvert (Tunnel) Replacemen | \$ 205,000 | \$ 2,530,000 | \$ - | \$ 2,530,000 | | |

| DRAINAGE IMPROVEMENTS | | | | | | |
|---|-------------------|-------------------|------------------|-------------------|------|------------|
| PROJECT - Funding Source for all is (Extensions & Replacements) | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Total Expenditure for Drainage Improvements by Year | \$ 139,000 | \$ 190,000 | \$ 65,000 | \$ 215,000 | | |
| | | | | | | \$ 430,000 |

| OTHER | | | | | | |
|---|------------------|------------------|------------------|------------------|------|------------|
| PROJECT (Funding Source) | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
| Weimer Dam (Extensions & Replacements) | | | | | | |
| Impoundment Removal and Site Remediation | \$ 500,000 | | | | | \$ 500,000 |
| Culvert Inspection (Extensions & Replacements) | | | | | | |
| Professional Services for Culvert Inspection | \$ 80,000 | | | | | |
| Vehicles and Equipment Replacement (Extensions & Replacements) | | | | | | |
| Annual Budget for Vehicle Equipment and Replacement | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | | \$ 200,000 |
| Total Expenditure - Extensions and Replacements Fund | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | | |
| Total Expenditure - Revenue Bond Fund | \$ - | \$ - | \$ - | \$ - | | |
| Total Expenditure for for Other by Year | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | | |

Cross references:

MEMORANDUM OF UNDERSTANDING
BETWEEN
CITY OF BLOOMINGTON UTILITIES DEPARTMENT
AND
JOSEPH CHRISTINE, LLC
FOR
SANITARY SEWER AND WATER INSTALLATION

THIS MEMORANDUM OF UNDERSTANDING is entered into by and between the City of Bloomington Utilities Department (Hereinafter referred to as "CBU") acting through its Utilities Service Board (Hereinafter referred to as "USB"), and Joseph Christine, LLC, a limited liability corporation duly incorporated in the State of Indiana with its principal place of business located at 621 N Walnut, Bloomington, IN, 47404 (Hereinafter referred to as "Customer").

WHEREAS, Customer is the owner of a certain parcel of land located at 309 E. Wylie St., and more particularly described as: *53-08-04-200-016.077-009*

Part of Seminary Lot Number Seventy-seven (77) in the City of Bloomington, Monroe County, Indiana, bounded and described as follows, to-wit: Commencing at a point Twelve (12) rods East and Twelve (12) rods South of the Northwest corner of said Seminary Lot Seventy-seven (77), running thence East Four (4) rods, thence South Eight (8) rods, thence West Four (4) rods, thence North Eight (8) rods to the place of beginning, EXCEPTING THEREFROM Twenty (20) feet of even width off of the entire South end thereof

(Hereinafter referred to as Lot "A"); and

WHEREAS, Customer is also the owner of a certain parcel of contiguous land located at 309.5 E. Wylie St., and more particularly described as: *53-08-04-200.004-000-609*

Part of Seminary Lot Number Seventy-seven (77) in the City of Bloomington, Monroe County, Indiana, bounded and described as follows, to-wit: Commencing at a point Twelve (12) rods East and Eight (8) rods South of the Northwest corner of said Seminary Lot Seventy-seven (77), running thence East Four (4) rods, running thence South Four (4) rods, thence West Four (4) rods, thence North Four (4) rods to the place of beginning.

(Hereinafter referred to as Lot "B"); and

WHEREAS, Customer wishes to install and connect to the CBU infrastructure water and sewer service lines to service Lot B; and

WHEREAS, these water and service lines will cross over and burden Lot A; and

WHEREAS, CBU is willing to permit said installation and connection of water and sewer service lines pursuant to CBU specification and in accordance with this Memorandum of Understanding.

NOW, THEREFORE, in consideration of the mutual covenants herein contained the parties hereto agree as follows:

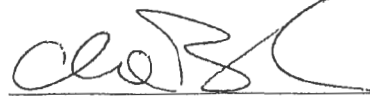
1. Customer shall install water and sewer lines to service Lot B which cross over and within lot A along a 25 foot corridor of even width running along Lot A's easternmost boundary line.
2. Customer shall, upon selling either Lot A and/or Lot B such that the two Lots are no longer both owned by the same entity or person, cause to be executed and recorded with the Monroe County Recorder's Office an easement that runs with the land and identifies the 25 foot wide corridor for water and sewer lines in favor of Lot B as the Dominant Lot, and burdening Lot A as the Servient Lot.
3. CBU shall permit connection of water and sewer by Customer only after this MOU has been fully executed by and between the parties and recorded with the Monroe County Recorder's Office.

IN WITNESS WHEREOF, the parties hereto have executed this Memorandum of Understanding which shall become effective as of the date last entered below.

**CITY OF BLOOMINGTON
UTILITIES SERVICE BOARD**

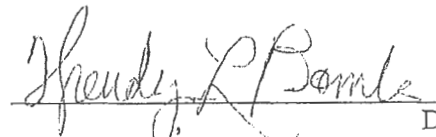
Julie Roberts, Date
President

JOSEPH CHRISTINE, LLC



Date
President
Chris Bamba

Attest: _____
Holly McLauchlin, Date
Secretary to the Board



Date
Vice President
Wendy Bamba

Cross references:

**MEMORANDUM OF UNDERSTANDING
BETWEEN
CITY OF BLOOMINGTON UTILITIES DEPARTMENT
AND
JOSEPH CHRISTINE, LLC
FOR
SANITARY SEWER AND WATER INSTALLATION**

THIS MEMORANDUM OF UNDERSTANDING is entered into by and between the City of Bloomington Utilities Department (Hereinafter referred to as “CBU”) acting through its Utilities Service Board (Hereinafter referred to as “USB”), and Joseph Christine, LLC, a limited liability corporation duly incorporated in the State of Indiana with its principal place of business located at 621 N Walnut, Bloomington, IN, 47404 (Hereinafter referred to as “Customer”).

WHEREAS, Customer is the owner of a certain parcel of land located at _____, and more particularly described as: 710 S Henderson 47401

53-08-04-218-017.000-009 / Potters Park Lot 3

(Hereinafter referred to as Lot “A”); and

WHEREAS, Customer is also the owner of a certain parcel of contiguous land located at 710 ½ s Henderson, and more particularly described as:

53-08-04-218-018.000-009 / Potters Park E ½ Lot 9

(Hereinafter referred to as Lot “B”); and

WHEREAS, Customer wishes to install and connect to the CBU infrastructure water and sewer service lines to service Lot B; and

