

Avon Lake Board of Municipal Utilities

**AGENDA**

For

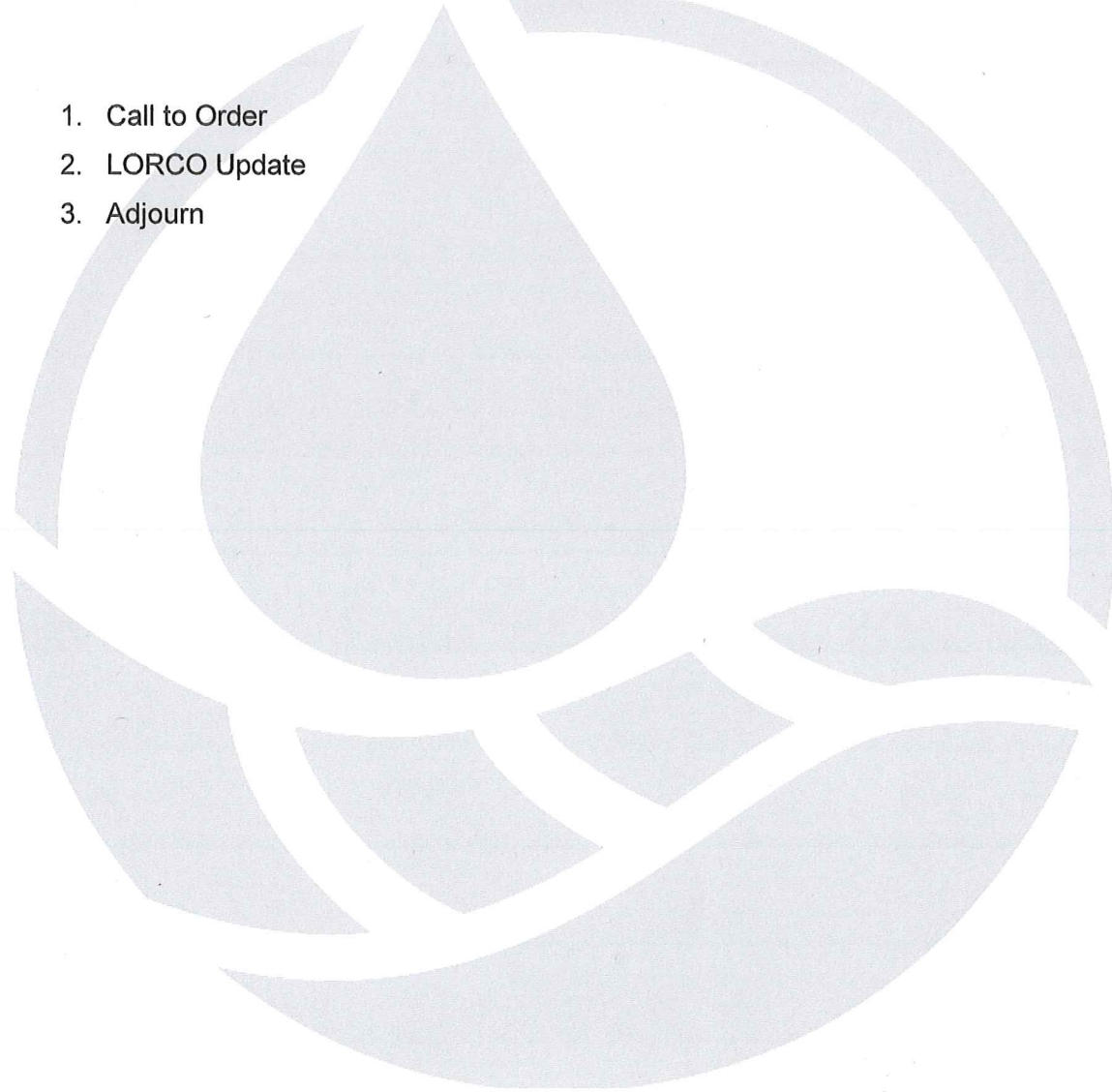
**WORK SESSION**

**Tuesday**

**August 16, 2016**

**6:00PM**

1. Call to Order
2. LORCO Update
3. Adjourn



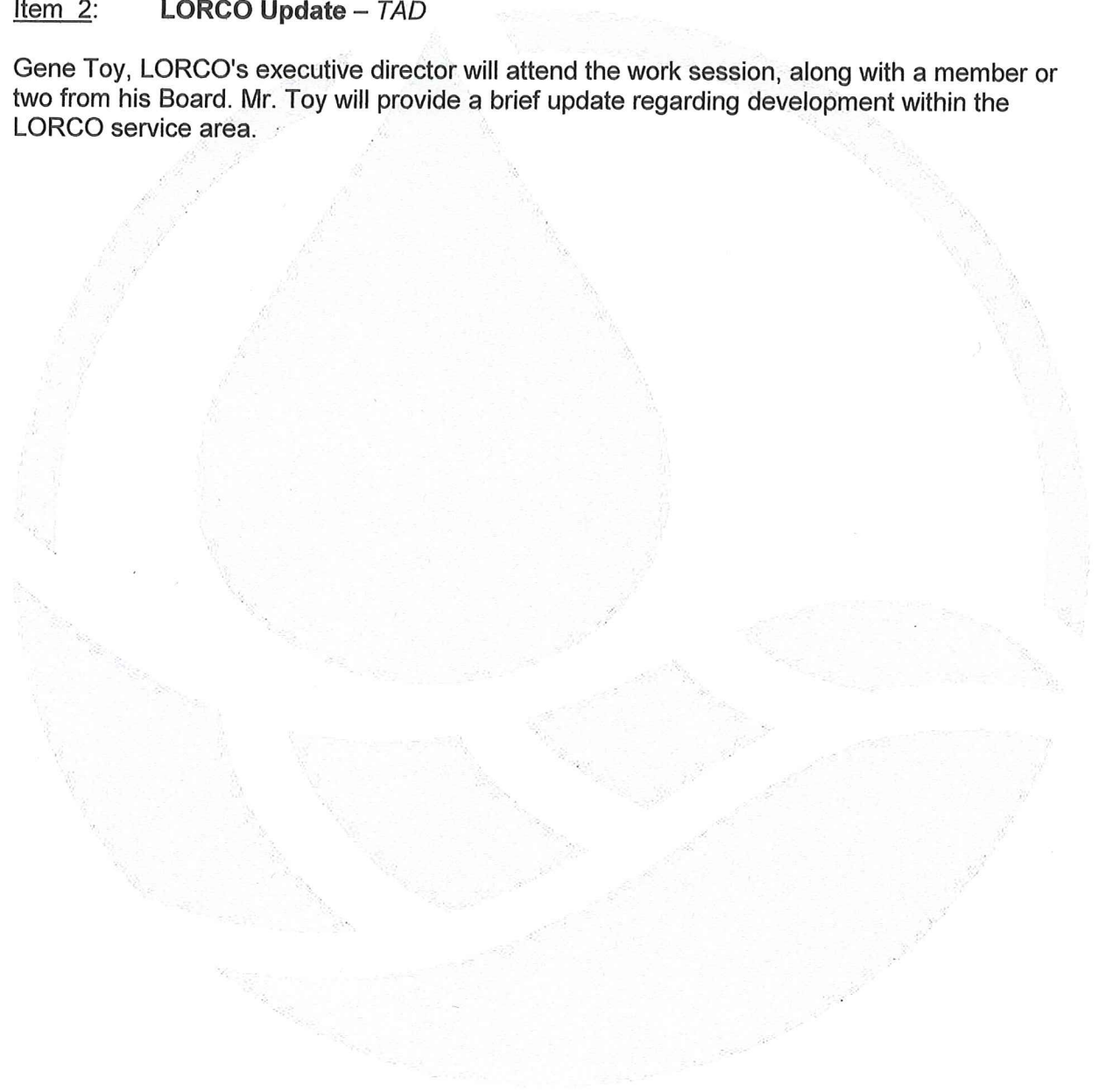
Avon Lake Regional Water  
**MEMORANDUM**

To: **Board of Municipal Utilities**  
From: **Todd Danielson**  
Subject: **Agenda Items – Work Session August 16, 2016**  
Date: **August 12, 2016**

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Item 2: **LORCO Update – TAD**

Gene Toy, LORCO's executive director will attend the work session, along with a member or two from his Board. Mr. Toy will provide a brief update regarding development within the LORCO service area.



Board of Municipal Utilities  
**Regular Meeting Minutes**  
**July 5, 2016**  
201 Miller Road  
Avon Lake, Ohio

**Call to Order – Roll Call**

The meeting was called to order at 6:30 PM.

Present: Mr. Rush, Mr. Rickey, Mr. Berner and Ms. Schnabel.

Excused: Mr. Dzwonczyk

Also present: Chief Utilities Executive Danielson, WPCC Manager Baytos.

Due to Mr. Dzwonczyk's absence and per the Board's 2015-2016 organizational meeting, Mr. Rush served as Acting Chairman.

**Approve Minutes**

Acting Chairman Rush presented the minutes of the June 28, 2016 meeting and with no changes, additions or corrections noted, ordered the minutes to stand and be distributed as presented.

**Public Speakers** – None.

**Correspondence** – An email from a customer commending the service received by our personnel was presented to the Board.

**Expenditures**

Following review of expenses dated July 5, 2016 for funds and amounts as follows, Mr. Rickey moved, Mr. Berner seconded, that all be approved and paid per budget:

Water Fund 701	\$	247,413.35
Wastewater Fund 721	\$	285,452.00
MOR Fund 703 ETL1	\$	1,855.59
MOR Fund 762 ETL2	\$	11,999.46
LORCO Fund 749	\$	31,671.60
Water Constr (704)	\$	365,347.89

Ayes: Berner, Rickey, Rush, Schnabel

Nays: None

Motion carried.

**Revisions to Regulations**

Per discussion at the Board's June 7, 2016 meeting and Wastewater Plant Manager Baytos' follow up at this meeting, Mr. Rickey moved and Mr. Berner seconded that the Avon Lake Regional Water Regulations be revised as presented.

Ayes: Berner, Rickey, Rush, Schnabel  
Nays: None  
Motion carried.

#### **CUE Contract Contingency Policy**

CUE Danielson, with the combined efforts of staff, presented to the Board a Contract Contingency Policy for review.

#### **Lateral Loan Program**

Per the CUE's request Ms. Schnabel moved and Mr. Rush seconded to authorize the CUE and/or the CUO to execute Lateral Loan Agreements on behalf of the Board of Municipal Utilities.

Ayes: Berner, Rickey, Rush, Schnabel  
Nays: None  
Motion carried.

#### **Reports/Updates**

*Chemical Optimization:* CUE Danielson will present further information at a later Board meeting.

#### *Chairman/Committee/Members Reports*

Mr. Rush reported he attended the Human Resources Committee meeting. They are considering possibly eliminating step increases throughout the city for non-bargaining employees.

Mr. Rickey reported he will attend the LORCO meetings in July and August.

*CUE Report*  
None

#### **Miscellaneous**

Mr. Rickey reported he congratulated Mr. Heimlich on his award, and will be meeting with him Thursday morning to have an impromptu tour of the Storage Improvements Project.

#### **Adjourn**

As there was no further business, Mr. Berner moved, Mr. Rush seconded, that the meeting adjourn at 6:59 PM.

Ayes: Berner, Rickey, Rush, Schnabel  
Nays: None  
Motion carried.

Approved August 16, 2016

Timothy Rush, Acting Chairman

Todd A. Danielson, Clerk

DRAFT

**AGENDA**

For

**Tuesday**

**August 16, 2016**

**Immediately Following Work Session**

1. Call to Order
2. General Matters
  - A. Approve Minutes
  - B. Public Speakers (*3 minutes each*)
  - C. Correspondence
3. Expenditures
4. Award Contracts – Chemicals
5. Water Distribution System Supplies Bid Awards
6. ETL2 Land Purchase
7. Award of Contract – Fairfield Area Combined Sewer Separation
8. CUE Contract Contingency Policy
9. Informational Items
  - A. Reports/Updates
    - 1) Chemical Optimization Study
    - 2) Lateral Loan Program
    - 3) Storage Improvements Project
    - 4) Water Pollution Control Center Project
    - 5) WaterFest
    - 6) Changes to Fees
  - B. Miscellaneous
10. Public Speakers
11. Executive Session
12. Adjourn

Avon Lake Regional Water  
**MEMORANDUM**

To: **Board of Municipal Utilities**  
From: **Todd Danielson and Rick Eberle**  
Subject: **Agenda Items – August 16, 2016**  
Date: **August 12, 2016**

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**Item 4: Award Contracts - Chemicals – RRE**

Bids were opened on July 19, 2016 for the annual treatment chemical contracts. Bid prices held steady or slightly decreased from last year's bids.

*Recommended motion:*  
*I move that the 2016 annual chemical contracts be awarded to the low and responsive bidders as listed effective September 1, 2016:*

<u>Supplier</u>	<u>Chemical</u>	<u>Contract Award</u>
USALCO	Alum	\$215,635.40
Mississippi Lime	Lime	\$265,734.00
Sal Chemical	Sodium Silicofluoride	\$70,141.60
JCI Jones	Chlorine	\$42,750.00
Bonded Chemical	Potassium Permanganate	\$38,400.00
SNF Polydyne	Dry Polymer	\$29,400.00
SNF Polydyne	Liquid Polymer	\$6,960.00
Cabot Norit	Carbon	\$211,200.00
Bonded Chemical	Ferric Chloride	\$69,120.00
Kemira	Ferrous Chloride	\$18,794.77
Sal Chemical	Liquid Orthophosphate	\$29,280.00

**Item 5: Water Distribution System Supplies Bid Awards – RRE**

Bids were opened on July 19, 2016 for the annual water distribution system supplies contracts. Recommended awards are grouped by category for ordering purposes. EJ Prescott did not meet the specifications for the valves (Item 15) and hydrants (Item 16).

*Recommended motion:*  
*I move that the bids for the annual water distribution system supplies effective September 1, 2016 be awarded in accordance with the following:*

Supplier: HD Supply  
Bid Items: 4B, 6, 10, 10A, 10B, 10C, 10F, 10G, 10I, 10J, 11, 11A, 11B, 11C, 11G, 11I, 12, 12A, 12B, 12C, 12D, 15A, 15B, 17, 17A, 18  
Total Contract: \$33,929.57

Supplier: Trumbull  
Bid Items: 2B, 2D, 2E, 3, 3A, 3B, 3C, 4, 4A, 5A, 5B, 5C, 5D, 5I, 5K, 5L, 5M, 9C, 9D,  
Total Contract: \$12,972.05

Supplier: Ferguson Waterworks  
Bid Items: 14, 14A, 16, 16A  
Total Contract: \$71,535.00

Supplier: EJ Prescott  
Bid Items: 1, 1A, 2, 7  
Total Contract: \$6,630.50

**Item 6: ETL2 Land Purchase – RRE**

At the time the 42" ETL2 Water Main was installed, much of its route was an easement on undeveloped land. Part of that route was between French Creek Road and Detroit Road in Avon near Long Road. At the time of installation, Long Road only went south off of Detroit, but development has now seen Long Road extended from Detroit Road to French Creek Road.

Several months ago, we were contacted by a builder that while excavating a basement for a house he was building on the edge of the ETL2 Water Main easement he had uncovered a pipe. Upon checking, it was discovered that the pipe was the 42" ETL2 high pressure Water Main and that rather than being installed in the middle of the 20' easement, its actual location was on the edge of the easement.

With its as-built location, and the Water Main being high pressure, it was determined that an additional 20' of easement was needed, which made the two affected lots unbuildable, forcing us to have to negotiate for the purchase of the two lots. The final negotiated price is an ETL2 cost of which Avon Lake has minimal responsibility having sold their original capacity in the line to the cities of Avon and North Ridgeville.

*Recommended Motion:*

*I move to authorize the purchase of two parcels of land in the City of Avon known as Kenwyn Village Sub lot 16 (PP# 04-00-003-103-072) and Sub lot 17 (PP# 04-00-003-103-073) for a total cost of \$179,175.00 to serve as additional easement for the ETL2 42" high service Water Main.*

**Item 7: Award of Contract – Fairfield Area Combined Sewer Separation – TAD**

Bids we opened for the Fairfield Area Combined Sewer Separation at noon on Wednesday, August 3, 2016. After being advertised for three successive weeks in the *Elyria Chronicle-Telegram* and being posted in bid houses, two bids were received. The least-cost bid, which staff views as responsive and responsible, is from Underground Utilities, Inc. (UUI) of Monroeville, Ohio for a total price of \$14,516,495.40, which is 3.4% below the competing bid from Fabrizi Trucking and Paving and 21.8% below the engineer's estimate of \$18,561,697.40.

A representative from Fabrizi indicated that he felt the UUI bid was unbalanced and asked whether we concurred. We indicated we believe the UUI bid will result is the least cost to the owner and have not heard back from Fabrizi. The major difference between the bids is that UUI did not put much expense into providing temporary water service because they do not intend to provide temporary service (a \$320,000 savings over Fabrizi's line item). Rather, they put more in project mobilization and bonding.

This project is a joint project with the City of Avon Lake. Avon Lake Regional Water will manage the project and will be financially responsible for Part A (water), Part B (sanitary sewer), and a



portion of Part D (roadway). The City will be financially responsible for Part C (storm sewer) and a portion of Part D (roadway). The City will be introducing a separate approval for their financial obligations at the August 15, 2016, Collective Committee Meeting and will be seeking approval with suspension of the rules at the August 22, 2016, meeting.

The project will initially be funded with a one-year note that was part of the City's note sale in early July. The CUE will be applying for revolving loan funding for the project to take effect in 2017. Current revolving loan interest rates are less than 2% for 30 years.

*Recommended Motion:*

*I move to award the Fairfield Area Combined Sewer Separation Project to Underground Utilities Incorporated of Monroeville, Ohio for a total price of \$14,516,495.40 based upon current bid quantities. Furthermore, I authorize the CUE to complete the requirements necessary to apply for financing through the Water Pollution Control Loan Fund and designate user fees and revenues as the repayment source for the loan.*

**Item 8: CUE Contract Contingency Policy - TAD**

The CUE presented a draft Contract Contingency Policy at the Board's July 5, 2016 meeting. The CUE requests members review the policy once again and either adopt the policy or suggest edits.

*Recommended Motion:*

*I move to adopt the attached Policy regarding Contract Contingencies.*

**Item 9A1: Chemical Optimization Study – TAD**

Staff requested qualifications from three firms that have recent experience at our Water Filtration Plant and could potentially assist with performing a chemical optimization study. Staff unanimously determined one firm to be the most qualified and is currently finalizing a scope and budget with that firm. If staff can reach a successful conclusion, staff will request the Board to authorize the CUE to enter into an agreement with that firm.

**Item 9A2: Lateral Loan Program – TAD**

Following approval of the Lateral Loan Program at the Board's June 7, 2016 meeting, loan agreements have been executed for three separate properties, with a total of \$9,500 committed so far.

**Item 9A3: Storage Improvements Project – RRE/TAD**

The clearwell is complete and leak testing will start the week of August 15, 2016. All underground piping is complete with the exception of the 20' waterline connection to Electric Blvd., which is scheduled for the week of 8/22/16. First Energy continues to work on the power upgrade. Work continues on the high service pump building with the roof scheduled to start on September 1, 2016.

On Thursday, August 11, 2016, Lake Road was reopened to traffic east of Moore Road. One of the items that was completed during the closure was tying the high service pumps' discharge into the water main on Lake Road. To improve reliability and redundancy, the discharge will also be tied into the water main on Electric Boulevard. This work will begin on August 22, 2016, and

will require the closure of Electric Boulevard at Moore Road for three weeks. The detour will be when traveling westbound on Electric, north onto Belmar, west onto Lake, and then south onto Moore. The City of Avon Lake and Avon Lake City Schools are both aware and are making the necessary arrangements.

The elevated tank's base slab is complete. The crane has been erected, and they are scheduled to start pouring the vertical concrete walls the week of August 15, 2016.

Item 9A4:     **Water Pollution Control Center Project – RRE/TAD**

Excavation continues on the headworks alum sludge thickener and final clarifier. The floor slab and first wall of the thickener control building have been poured. The new underground electrical duct bank installation is continuing. Shop drawing submittal continues. Pictures will be presented at the meeting for the Board's information.

Item 9A5:     **WaterFest – TAD**

The third annual Lake Erie WaterFest will take place from noon to 5PM on Saturday, August 13, 2016 at Miller Road Park. We hope members are able to attend. Last year, approximately 1,200 took part in the "party with a purpose", and we hope for a similar or better turnout this year. Pictures will be presented at the Board meeting for those whom were not able to attend.

Item 9A6:     **Changes to Fees – TAD**

Staff has been starting to review fees and within the next few months may approach the Board to request an amendment to the fee schedule to begin charging credit card fees, change the water tap fees, and possibly amend other fees.

Item 11:     **Executive Session**

Board members have requested to speak in executive session as allowed under ORC 121.22 (G)(2) to discuss employee matters.

*Recommended Motion:*

*I move to meet in Executive Session as allowed by ORC 121.22 (G)(1) to discuss employee matters and to include \_\_\_\_\_ in the discussion.*

Avon Lake Municipal Utilities  
Water Fund 701 Expenses  
July 19, 2016

Name	Amount	Memo	Account
Jul 19, 16			
1. Water Employees	62,773.51	Salaries P/R #15 6/27/16-7/10/16	701 5-180 7-102-...
2. Water Employees	6,500.64	Part Time P/R #15 6/27/16-7/10/16	701 5-180 7-105-...
3. Board of Municipal Utilities	1,541.67	July 2016 Board Salaries	701 5-180 7-105-...
4. Water Employees	7,636.16	Overtime P/R #15 6/27/16-7/10/16	701 5-180 7-106-...
5. Water Employees	900.00	Shoe Allowance P/R #15 6/27/16-7/10/16	701 5-180 7-126-...
6. Ester, Leslie	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
7. Mosher, Gregory	20.00	2 Employee Meal Allowances-LS	701 5-180 7-200-...
8. Bruce, Lindsey	20.00	2 Employee Meal Allowances-LS	701 5-180 7-200-...
9. Busse, Carl	30.00	3 Employee Meal Allowances-LS	701 5-180 7-200-...
10. Klonk, Brian	40.00	4 Employee Meal Allowances-LS	701 5-180 7-200-...
11. Wohl, Michael	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
12. Medical Mutual of Ohio	23,932.40	Hospitalization - August 2016	701 5-180 7-203-...
13. Medical Mutual of Ohio	1,392.45	Medical Mutual Pmt 7/6/16	701 5-180 7-203-...
14. Medical Mutual of Ohio	701.92	Medical Mutual Pmt 7/12/16	701 5-180 7-203-...
15. Medical Mutual of Ohio	-1,569.33	Med Mut Emp Contrib P/R #14	701 5-180 7-203-...
16. Dependent Health Care	1,400.00	Dependent Healthcare Jan-July 2016	701 5-180 7-203-...
17. Medical Mutual of Ohio	749.94	Medical Mutual Pmt 7/19/16	701 5-180 7-203-...
18. Medical Mutual of Ohio	-1,666.56	Med Mut Emp Contrib P/R #15	701 5-180 7-203-...
19. Medical Mutual of Ohio	1,532.16	Med Mut Opt-Out P/R #15	701 5-180 7-203-...
20. Medical Mutual of Ohio	-97.23	Med Mut Reimburse - A.Wood	701 5-180 7-203-...
21. Medical Mutual of Ohio	398.47	Med Mut Pmt 7/26/16	701 5-180 7-203-...
22. Medical Mutual of Ohio	151.20	Group Life - August 2016	701 5-180 7-204-...
23. Medical Mutual of Ohio	1,369.72	Dental/Vision - August 2016	701 5-180 7-205-...
24. Medical Mutual of Ohio	4,884.50	Presc Drug - August 2016	701 5-180 7-207-...
25. PERS	22,575.06	PERS - June 2016 Wages	701 5-180 7-209-...
26. Medicare	924.55	Medicare - P/R #14 6/26/16	701 5-180 7-212-...
27. Medicare	1,048.04	Medicare - P/R #15 7/10/16	701 5-180 7-212-...
28. PERS	2,885.60	PERS Pickup - June 2016 Wages	701 5-180 7-219-...
29. Cintas Corp.	152.08	Emp Uniform Rental June 2016-RK	701 5-180 8-226-...
30. Avon Lake Printing	98.19	Class IV Water Exam-SH	701 5-180 8-601-...
31. FriendsOffice	294.70	1/2-Office Supplies-KG/LS	701 5-180 8-601-...
32. Federal Express	-245.68	Posting Correction Per Finance	701 5-180 8-601-...
33. Jones Chemicals Inc.	3,000.00	6 Tons Chlorine @ Water Plant - SH	701 5-180 8-602-...
34. USALCO	9,041.16	74.37 Tons Alum - SH	701 5-180 8-602-...
35. ABC Equipment Rental	201.14	1/2-Maintenance Supplies-RK	701 5-180 8-603-...
36. E & H Hardware Group, LLC.	491.57	1/2-Maintenance Supplies - RRE	701 5-180 8-603-...
37. Discount Drug Mart	96.62	Maintenance Supplies-LS	701 5-180 8-603-...
38. Grainger Inc.	1,005.21	Maintenance Supplies-SH/RK	701 5-180 8-603-...
39. Lakeside Supply Co.	674.64	Maintenance Supplies - SH	701 5-180 8-603-...
40. Lowe's	470.99	Maintenance Supplies - RRE	701 5-180 8-603-...
41. Titan Supply	842.07	Maintenance Supplies-RK	701 5-180 8-603-...
42. Trico Oxygen Company	39.80	1/2-Maint Gases@201Miller-RK	701 5-180 8-603-...
43. Trico Oxygen Company	34.80	Maint Gases@Water Plant-SH	701 5-180 8-603-...
44. Trico Oxygen Company	89.42	Maint Gases@Water Plant-SH	701 5-180 8-603-...
45. Aztec Steel Corp.	1,430.00	Equipment Maintenance-SH	701 5-180 8-607-...
46. FCX Performance Inc.	7,377.00	Equipment Maintenance-SH	701 5-180 8-607-...
47. Grainger Inc.	419.23	Equipment Maintenance-SH	701 5-180 8-607-...
48. McMaster-Carr Supply	21.45	Parts for Vent Fans-SH	701 5-180 8-607-...
49. Complete Concrete	350.00	Core Drilling @Wa Plant-SH	701 5-180 8-612-...
50. Ferguson Waterworks	1,250.00	Wa Distribution Supplies-RK	701 5-180 8-612-...
51. Harold Archer & Sons	2,211.70	125.31 Tons Stone - RK	701 5-180 8-612-...
52. HD Supply Waterworks, Ltd.	10,828.36	Wa.Distribution Supplies-RK	701 5-180 8-612-...
53. Indy Equipment	109.31	Repair Stock-RK	701 5-180 8-612-...
54. Culligan of Cleveland	63.00	DI Rental - 7/1/16-7/31/16-RRE	701 5-180 8-615-...

Avon Lake Municipal Utilities  
Water Fund 701 Expenses  
July 19, 2016

Name	Amount	Memo	Account
55. Environmental Resource As...	60.87	Lab Testing-SH	701 5-180 8-615-...
56. Scientific Methods Inc.	375.00	Lab Analysis - SH	701 5-180 8-615-...
57. Trico Oxygen Company	40.60	Lab Gases@Water Plant-SH	701 5-180 8-615-...
58. Hach Company	-978.30	Correction of Posting Error-LS	701 5-180 8-615-...
59. Sherwin-Williams Co.	-111.45	Reverse Entry - Paid Previously	701 5-180 8-624-...
60. CenturyLink	629.98	TelephoneSvc@WaterPlant-June 201...	701 5-180 8-700-...
61. Columbia Gas	27.28	GasSvc@WFP Lab 6/17/16-7/19/16-SH	701 5-180 8-700-...
62. Columbia Gas	83.82	GasSvc@WaPlant 6/17/16-7/19/16-SH	701 5-180 8-700-...
63. Columbia Gas	92.17	GasSvc@WFP Garage 6/17/16-7/19/1...	701 5-180 8-700-...
64. Illuminating Co.	48.78	Elect@Aux P.H.5/10/16-6/7/16-SH	701 5-180 8-700-...
65. Illuminating Co.	56.96	Elect@Lear WaTower 5/5/16-6/6/16-SH	701 5-180 8-700-...
66. Illuminating Co.	51.15	Elect@Walker WaTower 5/10/16-6/8/1...	701 5-180 8-700-...
67. Engie Resources	2,717.18	Mo.Resource Energy Chg-June 2016-...	701 5-180 8-700-...
68. Verizon Wireless	454.98	1/2-Cell Svc 6/26/16-7/25/16-RRE	701 5-180 8-700-...
69. Columbia Gas	29.97	GasSvc@WFP Aux 6/17/16-7/19/16-SH	701 5-180 8-700-...
70. Engie Resources	2,717.18	Mo.Resource Energy Chg-July 2016-T...	701 5-180 8-700-...
71. AWWA	297.46	AWWA Merchandise-SH	701 5-180 8-701-...
72. Brakey Energy, Inc.	875.00	Energy Mgmt Svc - June 2016-TAD	701 5-180 8-701-...
73. Cleveland Water Alliance	5,000.00	Collaborating Partner Membership-TAD	701 5-180 8-701-...
74. Great Lakes Biomimicry	5,000.00	Biomimicry Memebership 8/2016 - 7/2...	701 5-180 8-701-...
75. Illuminating Co.	7,317.79	Move Utility Pole - SIP Project-RRE	701 5-180 8-701-...
76. Marine Technical Services	949.02	Radio Check & Repair-SH	701 5-180 8-701-...
77. McAfee	27.50	1/2-Email Filtering - July 2016-RRE	701 5-180 8-701-...
78. Mercy Occupational Health	44.00	DOT Testing-RRE	701 5-180 8-701-...
79. Pro OnCall Technologies	111.75	1/2-Telephone Repair Service-RRE	701 5-180 8-701-...
80. Solar Testing Laboratories, I...	3,275.70	Testing/Analysis-SIP-6/1/16-6/10/16-R...	701 5-180 8-701-...
81. Technology Management S...	750.00	1/2-OffSite Backup-July 2016-RRE	701 5-180 8-701-...
82. The University of Akron	6,953.33	Biomimicry Grad Assist Program-TAD	701 5-180 8-701-...
83. West, Elana	25.00	Reimbursement for Cell Phone - July 2...	701 5-180 8-701-...
84. Yuronich, Greg	25.00	Reimbursement for Cell Phone - July 2...	701 5-180 8-701-...
85. Underground Utility Service...	595.00	Leak Detection Service-Lake Rd-RK	701 5-180 8-701-...
86. Ohio Department of Job & F...	48.16	Unemployment Benefits - R. Berner-TAD	701 5-180 8-701-...
87. Firstmerit Bankcard Ctr	61.78	1/2-Breakfast Mtg, WEF Registration-T...	701 5-180 8-701-...
88. Firstmerit Bankcard Ctr	43.08	Fuel for Vehicle-RRE	701 5-180 8-701-...
89. Firstmerit Bankcard Ctr	310.10	1/2-Copy Plans-JRG	701 5-180 8-701-...
90. Firstmerit Bankcard Ctr	1,804.20	Conf.Expenses, Lunch Mtgs-SH	701 5-180 8-701-...
91. Treasurer, State of Ohio	185.00	PTI Fee - Walker Rd Project-JRG	701 5-180 8-701-...
92. Avon Lake Regional Water	2,482.48	Water Used on ETL1 - June 2016-RRE	701 5-180 8-703-...
93. Fuelman of Northern Ohio	502.32	1/2-Fuel for Vehicles 6/20/16-7/3/16-LS	701 5-180 8-707-...
94. Affordable Signs & Graphics...	78.00	1/2-Lettering for Trucks-RK	701 5-180 8-707-...
95. API	121.78	1/2-Truck Parts & Tools-RK	701 5-180 8-707-...
96. Fisher Auto Parts Inc.	261.77	1/2-Misc Truck Parts-RK	701 5-180 8-707-...
97. Interstate Billing Service, Inc.	222.20	1/2-Parts for Dump Truck-RK	701 5-180 8-707-...
98. Fuelman of Northern Ohio	718.29	1/2-Fuel for Vehicles 7/4/16-7/17/16-LS	701 5-180 8-707-...
99. Action Door	160.00	Door Closure-SH	701 5-180 8-708-...
100. Grainger Inc.	875.04	Building Maintenance-SH	701 5-180 8-708-...
101. Maximum Elevator	195.00	Elevator Repair-SH	701 5-180 8-708-...
102. Rex Pipe & Supply Co.	215.23	New Line for Filter Hoses-SH	701 5-180 8-708-...
103. Sherwin-Williams Co.	166.41	Paint & Supplies-RK/SH	701 5-180 8-708-...
104. SiteOne Landscape Supply	140.47	1/2 Building Maint Materials-RK	701 5-180 8-708-...
105. Cutting Edge Lawn & Lands...	380.00	Lawn Svc@201 Miller-June 2016- RK	701 5-180 8-709-...
106. CenturyLink	684.78	TelephoneSvc@201Miller-June 2016-...	701 5-180 8-711-...
107. Columbia Gas	98.47	GasSvc@201Miller 5/26/16-6/27/16-R...	701 5-180 8-711-...
108. Illuminating Co.	715.37	Elect@201Miller 6/9/16-7/8/16-RRE	701 5-180 8-711-...
109. Engie Resources	697.29	Elect@201Miller 6/9/16-7/8/16-RRE	701 5-180 8-711-...

08/03/16

Avon Lake Municipal Utilities  
Water Fund 701 Expenses  
July 19, 2016

Name	Amount	Memo	Account
110. CenturyLink	-20.00	Correction of Posting Amount	701 5-180 8-711-...
111. National Office Service, Inc.	343.33	1/2-Lateral File Cabinet-RK	701 5-180 8-804-...
112. Badger Meter Inc.	2,158.97	Meters-RK	701 5-180 8-805-...
113. Cardconnect	71.07	On-Line Fees - June 2016 - LS	701 5-180 8-907-...
114. Discover Network	6.84	1/2-Discover Card Fee-June 2016-LS	701 5-180 8-907-...
Jul 19, 16	<u>231,711.78</u>		

Avon Lake Municipal Utilities  
Wastewater Fund 721 Expenses  
July 19, 2016

Name	Amount	Memo	Account
Jul 19, 16			
1. Wastewater Employees	67,497.10	Salaries P/R #15 6/27/16-7/10/16	721 5-190 7-102...
2. Wastewater Employees	6,306.88	Part Time P/R #15 6/27/16-7/10/16	721 5-190 7-105...
3. Board of Municipal Utilities	1,541.66	July 2016 Board Salaries	721 5-190 7-105...
4. Wastewater Employees	10,593.54	Overtime P/R #15 6/27/16-7/10/16	721 5-190 7-106...
5. Wastewater Employees	300.00	Shoe Allowance P/R #15 6/27/16-7/10/16	721 5-190 7-126...
6. Kasten, Rick	20.00	4 Employee Meal Allowances-LS	721 5-190 7-200...
7. Alverson, Dale	10.00	1 Employee Meal Allowance-LS	721 5-190 7-200...
8. Frankiewicz, Paul	40.00	4 Employee Meal Allowances-LS	721 5-190 7-200...
9. Hall, Donald	40.00	4 Employee Meal Allowances-LS	721 5-190 7-200...
10. Knick, Dennis	30.00	3 Employee Meal Allowances-LS	721 5-190 7-200...
11. Mitchell, Dale	20.00	2 Employee Meal Allowances-LS	721 5-190 7-200...
12. Spinks, Joshua D.	10.00	1 Employee Meal Allowance-LS	721 5-190 7-200...
13. Medical Mutual of Ohio	31,944.99	Hospitalization - August 2016	721 5-190 7-203...
14. Medical Mutual of Ohio	1,418.94	Medical Mutual Pmt 7/6/16	721 5-190 7-203...
15. Medical Mutual of Ohio	715.28	Medical Mutual Pmt 7/12/16	721 5-190 7-203...
16. Medical Mutual of Ohio	-1,921.29	Med Mut Emp Contrib P/R #14	721 5-190 7-203...
17. Medical Mutual of Ohio	764.20	Medical Mutual Pmt 7/19/16	721 5-190 7-203...
18. Medical Mutual of Ohio	-1,921.29	Med Mut Emp Contrib P/R #15	721 5-190 7-203...
19. Medical Mutual of Ohio	766.08	Med Mut Opt-Out P/R #15	721 5-190 7-203...
20. Medical Mutual of Ohio	377.88	Med Mut Pmt 7/26/16	721 5-190 7-203...
21. Medical Mutual of Ohio	193.20	Group Life - August 2016	721 5-190 7-204...
22. Medical Mutual of Ohio	1,836.73	Dental/Vision - August 2016	721 5-190 7-205...
23. Medical Mutual of Ohio	6,557.17	Presc Drug - August 2016	721 5-190 7-207...
24. PERS	17,764.22	PERS - June 2016 Wages	721 5-190 7-209...
25. Medicare	925.15	Medicare - PR #14 6/26/16	721 5-190 7-212...
26. Medicare	1,061.27	Medicare - PR #15 7/10/16	721 5-190 7-212...
27. PERS	1,807.58	PERS Pickup - June 2016 Wages	721 5-190 7-219...
28. Cintas Corp.	152.08	Emp Uniform Rental June 2016-RK	721 5-190 8-226...
29. Federal Express	118.66	Shipping Charges - LS	721 5-190 8-601...
30. FriendsOffice	294.70	1/2-Office Supplies/KG/LS	721 5-190 8-601...
31. Federal Express	245.68	Posting Correction Per Finance	721 5-190 8-601...
32. Bonded Chemicals Inc.	7,714.16	17.219 Tons Ferris Chloride-SB	721 5-190 8-602...
33. Goldstar Products Inc.	7,121.14	Operating Supplies - SB	721 5-190 8-602...
34. Kemira Water Solutions I...	1,115.71	4.480 Gals. Ferrous Chloride-SB	721 5-190 8-602...
35. Polydyne Inc.	8,719.40	Polymer - SB	721 5-190 8-602...
36. ABC Equipment Rental	201.14	1/2-Maintenance Supplies-RK	721 5-190 8-603...
37. E & H Hardware Group, ...	491.57	1/2-Maintenance Supplies - RRE	721 5-190 8-603...
38. Discount Drug Mart	70.46	Maintenance Supplies-LS	721 5-190 8-603...
39. Grainger Inc.	499.21	Maintenance Supplies-RK	721 5-190 8-603...
40. Lowe's	1,338.02	Maintenance Supplies - RRE	721 5-190 8-603...
41. McMaster-Carr Supply	294.72	Maintenance Supplies-SB	721 5-190 8-603...
42. Trico Oxygen Company	39.80	1/2-Maint Gases@201Miller-RK	721 5-190 8-603...
43. Trico Oxygen Company	34.20	Maint Gases@WPCC-SB	721 5-190 8-603...
44. USA Blue Book	218.11	Maintenance Supplies-SB	721 5-190 8-603...
45. Indy Equipment	124.75	Maintenance Supplies-RRE	721 5-190 8-603...
46. Active Plumbing Supply	1,256.43	Zoeller Pumps-RK	721 5-190 8-604...
47. Aztec Steel Corp.	1,400.00	Equipment Maintenance-RRE	721 5-190 8-607...
48. Seagate Control Systems	580.57	VFD for Waste Pump-SB	721 5-190 8-607...
49. Complete Concrete	1,000.00	Core Drilling @WPCC-SB	721 5-190 8-612...
50. Harold Archer & Sons	855.51	50.13 Tons Stone - RK	721 5-190 8-612...
51. Culligan of Cleveland	37.80	DI Rental - 7/1/16-7/31/16-RRE	721 5-190 8-615...
52. Jones & Henry Labs Inc.	170.00	Mercury Testing - SB	721 5-190 8-615...
53. Hach Company	978.30	Correction of Posting Error-LS	721 5-190 8-615...
54. CenturyLink	390.79	TelephoneSvc@PumpStations-June 2016-...	721 5-190 8-700...

Avon Lake Municipal Utilities  
Wastewater Fund 721 Expenses  
July 19, 2016

Name	Amount	Memo	Account
55. Illuminating Co.	6,984.25	Elect@WPCC 6/8/16-7/7/16-SB	721 5-190 8-700...
56. Illuminating Co.	117.03	Elect@Haigs P.S. 6/7/16-7/6/16-RK	721 5-190 8-700...
57. Illuminating Co.	561.13	Elect@CenterRd P.S. 6/7/16-7/7/16-RK	721 5-190 8-700...
58. Illuminating Co.	77.82	Elect@Bridgeside P.S. 6/7/16-7/6/16-RK	721 5-190 8-700...
59. Illuminating Co.	83.22	Elect@Lear P.S. 6/4/16-7/6/16-RK	721 5-190 8-700...
60. Illuminating Co.	87.78	Elect@HuntClub P.S. 6/7/16-7/6/16-RK	721 5-190 8-700...
61. Illuminating Co.	48.79	Elect@AvonBeldenSwMtr 6/10/16-7/11/16-...	721 5-190 8-700...
62. Illuminating Co.	48.74	Elect@JaycoxSwMtr 6/4/16-7/6/16-RK	721 5-190 8-700...
63. Time Warner Cable	266.45	Internet/Phone Svc@WPCC 6/22/16-7/21/...	721 5-190 8-700...
64. Verizon Wireless	454.97	1/2-Cell Svc 6/26/16-7/25/16-RRE	721 5-190 8-700...
65. Engie Resources	7,855.53	Elect@WPCC 6/8/16-7/7/16-RRE	721 5-190 8-700...
66. Engie Resources	327.77	Elect@Center P.S. 6/1/16-7/7/169-RRE	721 5-190 8-700...
67. Columbia Gas	550.80	GasSvc@WPCC 5/19/16-6/17/16-RRE	721 5-190 8-700...
68. Columbia Gas	27.28	GasSvc@Lear P.S. 6/3/16-7/5/16-RK	721 5-190 8-700...
69. Columbia Gas	26.73	GasSvc@Center P.S. 6/17/16-7/19/16-RK	721 5-190 8-700...
70. Columbia Gas	28.89	GasSvc@Bridgeside P.S. 5/31/16-6/29/16-SH	721 5-190 8-700...
71. Columbia Gas	28.89	GasSvc@HuntClub P.S. 5/31/16-6/29/16-RK	721 5-190 8-700...
72. a.m. design group, inc.	318.25	On-Line Loan Program Application-EW	721 5-190 8-701...
73. Brakey Energy, Inc.	875.00	Energy Mgmt Svc - June 2016-TAD	721 5-190 8-701...
74. Bramhall Engineering & ...	8,575.00	ProfSvc@F.I.B.B.Pjt 5/1/16-6/25/16- JRG	721 5-190 8-701...
75. Cunningham & Associates	9,850.00	Survey/Drafting Service on Curtis Dr-JRG	721 5-190 8-701...
76. Great Lakes Biomimicry	250.00	Biomimicry Seminar for G.Yuronich-SH	721 5-190 8-701...
77. Keller Rigging LLC	6,000.00	Reinstall Storage Lid-SB	721 5-190 8-701...
78. McAfee	27.50	1/2-Email Filtering - July 2016-RRE	721 5-190 8-701...
79. Mercy Occupational Health	44.00	DOT Testing-RRE	721 5-190 8-701...
80. Pro OnCall Technologies	111.75	1/2-Telephone Repair Service-RRE	721 5-190 8-701...
81. Technology Managemen...	750.00	1/2-Offsite Backup-July 2016-RRE	721 5-190 8-701...
82. Treasurer, State of Ohio	-6,700.00	Correction of Wrong Amount Posted-LS	721 5-190 8-701...
83. Firstmerit Bankcard Ctr	61.78	1/2-Breakfast Mtg, WEF Registration-TAD	721 5-190 8-701...
84. Firstmerit Bankcard Ctr	310.10	1/2-Copy Plans-JRG	721 5-190 8-701...
85. Firstmerit Bankcard Ctr	636.50	Repair Parts-RK	721 5-190 8-701...
86. Firstmerit Bankcard Ctr	3,023.86	Conf.Expenses,LunchMtgs-SB	721 5-190 8-701...
87. Fuelman of Northern Ohio	502.33	1/2-Fuel for Vehicles 6/20/16-7/3/16-LS	721 5-190 8-707...
88. Affordable Signs & Grap...	78.00	1/2-Lettering for Trucks-RK	721 5-190 8-707...
89. API	121.77	1/2-Truck Parts & Tools-RK	721 5-190 8-707...
90. Fisher Auto Parts Inc.	261.77	1/2-Misc Truck Parts-RK	721 5-190 8-707...
91. Interstate Billing Service, ...	222.19	1/2-Parts for Dump Truck-RK	721 5-190 8-707...
92. Fuelman of Northern Ohio	718.29	1/2-Fuel for Vehicles 7/4/16-7/17/16-LS	721 5-190 8-707...
93. Rex Pipe & Supply Co.	701.21	Piping-SB	721 5-190 8-708...
94. Avon Lake Sheet Metal ...	9,779.00	Final Installation - Gas Lines-SB	721 5-190 8-708...
95. The Chas. E. Phipps' Co...	2,584.87	Building Maintenance-SB	721 5-190 8-708...
96. Sherwin-Williams Co.	116.66	Paint & Supplies-RK	721 5-190 8-708...
97. SiteOne Landscape Supply	140.46	1/2 Building Maint Materials-RK	721 5-190 8-708...
98. Cutting Edge Lawn & La...	380.00	Lawn Svc@201 Miller-June 2016- RK	721 5-190 8-709...
99. National Office Service, I...	343.32	1/2-Lateral File Cabinet-RK	721 5-190 8-804...
100. Cardconnect	71.06	On-Line Fees - June 2016 - LS	721 5-190 8-907...
101. Discover Network	6.84	1/2-Discover Card Fee-June 2016 -LS	721 5-190 8-907...
Jul 19, 16	<u>241,899.78</u>		

Avon Lake Municipal Utilities  
MOR Fund 703 Expenses - ETL1  
July 19, 2016

Name	Amount	Memo	Account
Jul 19, 16			
1. Technical Services Gro...	1,615.54	Test/Calibrate Meters-RK	703 5-180 8-701...
2. Illuminating Co.	14,407.54	Elect@Moore P.S. 6/10/16-7/11/16-RRE	703 5-180 8-703...
3. Engie Resources	8,482.97	Elect@Moore P.S. 6/10/16-7/11/16-RRE	703 5-180 8-703...
4. Avon Lake Regional W...	172,888.39	Water Used from ETL1 - June 2016-RRE	703 5-180 8-704...
5. Avon Lake Regional W...	7,046.04	2nd Qtr 2016 Operator Charges-RRE	703 5-180 8-740...
6. Grainger Inc.	201.60	Maintenance Supplies-SH	703 5-180 8-740...
7. Harold Archer & Sons	5,009.68	277.49 Tons Stone-RK	703 5-180 8-740...
8. HD Supply Waterworks...	4,354.50	For ETL1 Repairs-RK	703 5-180 8-740...
9. Kendera Enterprises, Inc.	17,610.00	ETL1 Repair Work - Lear Road - RK	703 5-180 8-740...
10. Marine Technical Servi...	921.48	Check/Repair Radios-SH	703 5-180 8-740...
11. W.W. Williams	719.52	Batteries for Generators-SH	703 5-180 8-740...
12. Ohio Edison	49.87	Elect@Root/Sprag 6/3/16-7/1/16-RRE	703 5-180 8-743...
13. Ohio Edison	51.06	Elect@Lear/US20 6/4/16-7/5/16-RRE	703 5-180 8-743...
14. Ohio Edison	72.12	Elect@Lear/Mills 6/7/16-7/6/16-RRE	703 5-180 8-743...
15. Ohio Edison	48.37	Elect@Lear/Chstn 6/4/16-7/5/16-RRE	703 5-180 8-743...
16. Ohio Edison	62.93	Elect@Butternut/Root 6/3/16-7/1/16-RRE	703 5-180 8-743...
17. Illuminating Co.	74.53	Elect@Lear/Krebs 5/5/16-6/6/16-RRE	703 5-180 8-743...
18. Illuminating Co.	48.66	Elect@Moore/RR 5/11/16-6/8/16-RRE	703 5-180 8-743...
19. Engie Resources	24.37	Elect@Moore/RR 6/3/16-7/1/16-RRE	703 5-180 8-743...
Jul 19, 16	<u>233,689.17</u>		



08/03/16

Avon Lake Municipal Utilities  
MOR Fund 762 Expenses - ETL2  
July 19, 2016

Name	Amount	Memo	Account
Jul 19, 16			
1. Lorain County Auditor	100.00	Easement Filing Fee-TAD	762 5-180 8-701...
2. Technical Services Gro...	3,877.30	Test/Calibrate Meters-RK	762 5-180 8-701...
3. Ohio Edison	7,126.13	Elect@Island P.S. 6/2/16-6/30/16-RRE	762 5-180 8-703...
4. Ohio Edison	40.64	Elect@Island OAL 6/3/16-7/2/16-RRE	762 5-180 8-703...
5. Engie Resources	5,707.46	Elect@Island P.S. 6/2/16-6/30/16-RRE	762 5-180 8-703...
6. Illuminating Co.	5,332.66	Elect@Moore P.S. 6/10/16-7/11/16-RRE	762 5-180 8-703...
7. Avon Lake Regional W...	328,322.59	Water Used from ETL2 - June 2016 - R...	762 5-180 8-704...
8. Avon Lake Regional W...	4,837.06	2nd Qtr 2016 Operator Charges-RRE	762 5-180 8-740...
9. Grainger Inc.	403.20	UPS BackUp-SH	762 5-180 8-740...
10. Jones Chemicals Inc.	472.00	Chlorine @Island P.S.-SH	762 5-180 8-740...
11. Marine Technical Servi...	1,179.39	Service ETL2 Radios-SH	762 5-180 8-740...
12. W.W. Williams	719.52	Batteries for Generators-SH	762 5-180 8-740...
13. Illuminating Co.	78.43	Elect@Detroit PRV 6/9/16-7/11/16-RRE	762 5-180 8-743...
14. Ohio Edison	58.63	Elect@Barres 6/7/16-7/6/16-RRE	762 5-180 8-743...
15. Ohio Edison	47.69	Elect@CenterRidge 6/3/16-7/1/16-RRE	762 5-180 8-743...
16. Ohio Edison	43.84	Elect@ChestnutRidge 6/4/16-7/1/16-RRE	762 5-180 8-743...
Jul 19, 16	<u>358,346.54</u>		

Avon Lake Municipal Utilities  
LORCO Fund 749 Expenses  
July 19, 2016

Name	Amount	Memo	Account
Jul 19, 16			
1. PERS	262.50	PERS Pickup - June 2016	749 5-190 7-209...
2. Medicare	27.19	Medicare P/R #14 6/28/16	749 5-190 7-212...
3. Covalen	1,038.65	Grinder Pump Repair Parts-RK	749 5-190 8-603...
4. Frontier	56.15	TelephoneSvc@Four Plex 6/25/16-7/24...	749 5-190 8-700...
5. Illuminating Co.	87.50	Elect Svc@Walker Rd 6/9/16-7/11/16-R...	749 5-190 8-700...
6. Ohio Edison	282.57	Elect@38393 Royalton 5/28/16-6/29/16...	749 5-190 8-700...
7. Ohio Edison	64.01	Elect@10301 Reed 6/3/16-7/1/16-RRE	749 5-190 8-700...
8. Ohio Edison	52.40	Elect@10920 Hawke 6/4/16-7/1/16-RRE	749 5-190 8-700...
9. Ohio Edison	47.98	Elect@36780Giles 6/1/16-6/29/16-RRE	749 5-190 8-700...
10. Ohio Edison	108.50	Elect@33930Cooley 6/2/16-6/30/16-RRE	749 5-190 8-700...
11. Ohio Edison	46.68	Elect@12901AvonBelden 6/2/16-6/30/1...	749 5-190 8-700...
12. Ohio Edison	45.81	Elect@12169AvonBelden 6/2/16-6/30/1...	749 5-190 8-700...
13. Ohio Edison	119.81	Elect@9845AvonBelden 6/3/16-7/5/16-...	749 5-190 8-700...
14. Engie Resources	276.60	Elect@38393Royalton 5/28/16-6/29/16-...	749 5-190 8-700...
15. Engie Resources	20.85	Elect@10301Reed 6/3/16-7/1/16-RRE	749 5-190 8-700...
16. Engie Resources	7.75	Elect@10920Hawke 6/4/16-7/1/16-RRE	749 5-190 8-700...
17. Engie Resources	8.99	Elect@36780Giles 6/1/16-6/29/16-RRE	749 5-190 8-700...
18. Engie Resources	26.78	Elect@33930Cooley 6/2/16-6/30/16-RRE	749 5-190 8-700...
19. Engie Resources	9.63	Elect@12901AvonBelden 6/2/16-6/30/1...	749 5-190 8-700...
20. Engie Resources	5.65	Elect@12169AvonBelden 6/2/16-6/30/1...	749 5-190 8-700...
21. Lorain-Medina Rural Ele...	89.99	Elect@Banks Rd 5/23/16-6/23/16 - RRE	749 5-190 8-700...
22. Lorain-Medina Rural Ele...	85.32	Elect@36879 Capel 5/23/16-6/23/16 - R...	749 5-190 8-700...
23. Lorain-Medina Rural Ele...	71.94	Elect@12601 Cowley 5/23/16-6/23/16 - ...	749 5-190 8-700...
24. Lorain-Medina Rural Ele...	107.46	Elect@12775 Durkee(North) 5/23/16-6/...	749 5-190 8-700...
25. Lorain-Medina Rural Ele...	47.95	Elect@Durkee(South) 5/23/16-6/23/16 -...	749 5-190 8-700...
26. Lorain-Medina Rural Ele...	101.34	Elect@IndianHollow 5/23/16-6/23/16 - ...	749 5-190 8-700...
27. Lorain-Medina Rural Ele...	90.75	Elect@Slife 5/23/16 - 6/23/16 - RRE	749 5-190 8-700...
28. RLCWA	50.69	Wa Used@Tri-Plex 6/2/16-7/1/16-RRE	749 5-190 8-700...
29. RLCWA	83.64	Wa Used @FourPlex 6/2/16-7/1/16-RRE	749 5-190 8-700...
30. Engie Resources	70.90	Elect@9845AvonBeledn 6/3/16-7/5/16-...	749 5-190 8-700...
31. Marine Technical Services	230.37	Service Radios-SH	749 5-190 8-701...
32. RLCWA	1,127.00	LORCO Meter Readings - June 2016-R...	749 5-190 8-848...
33. Cardconnect	134.43	Credit Card Fees - June 2016-LS	749 5-190 8-907...
34. LORCO	13,500.00	Monthly Advance - July 2016 - RRE	749 5-190 8-907...
Jul 19, 16	<u>18,387.78</u>		

08/03/16

Avon Lake Municipal Utilities  
Sewer System Construction - Fund 724  
July 19, 2016

Name	Amount	Memo	Account
Jul 19, 16			
1. Sewer Debt Service & Reserve	29,421.51	Trsf Funds for 2012 Bond Payment-TAD	724 9-180 8-479-...
Jul 19, 16	<u>29,421.51</u>		

08/03/16

Avon Lake Municipal Utilities  
Trunk Sanitary Sewer Fund 725 Expenses  
July 19, 2016

Name	Amount	Memo	Account
Jul 19, 16			
1. Sewer Debt Service & R...	1,105.43	Trsf Funds 2012 Bond Payment-T...	725 9-190 8-479
Jul 19, 16	<u>1,105.43</u>		

Avon Lake Municipal Utilities  
Water Fund 701 Expenses  
August 2, 2016

Name	Amount	Memo	Account
Aug 2, 16			
1. Water Employees	56,194.17	Salaries P/R #16 7/11/16-7/24/16	701 5-180 7-102-...
2. Water Employees	7,585.83	PartTime P/R#16 7/11/16-7/24/16	701 5-180 7-105-...
3. Water Employees	6,178.13	Overtime P/R #16 7/11/16-7/24/16	701 5-180 7-106-...
4. Sisson, Adam	10.00	1 Employee Meal Allowance - LS	701 5-180 7-200-...
5. Gomez, Kristin	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
6. Klonk, Brian	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
7. Busse, Carl	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
8. Medical Mutual of Ohio	570.60	Med Mut Prmt 8/2/16	701 5-180 7-203-...
9. Medical Mutual of Ohio	23,932.40	Hospitalization - Sept. 2016	701 5-180 7-203-...
10. Medical Mutual of Ohio	-1,666.56	Med Mut Emp Contrib P/R #16	701 5-180 7-203-...
11. Medical Mutual of Ohio	151.20	Group Life - Sept. 2016	701 5-180 7-204-...
12. Medical Mutual of Ohio	1,369.72	Dental/Vision - Sept. 2016	701 5-180 7-205-...
13. Medical Mutual of Ohio	4,881.53	Presc Drug - Sept 2016	701 5-180 7-207-...
14. Medicare	895.02	Medicare - P/R #16 7/24/16	701 5-180 7-212-...
15. Federal Express	174.96	Shipping Charges-LS	701 5-180 8-601-...
16. Neofunds by Neopost	500.00	1/2-Postage for Meter-LS	701 5-180 8-601-...
17. Shamrock	1,246.72	1/2-Print/Mail 2nd Qtr Wa Bills-RRE	701 5-180 8-601-...
18. Shamrock	3,750.00	1/2-Postage for Wa Bills-RRE	701 5-180 8-601-...
19. Staples	127.45	1/2-Office Supplies - KK	701 5-180 8-601-...
20. United Parcel Service	10.14	Shipping Charges-LS	701 5-180 8-601-...
21. U.S. Bank	345.02	1/2-Lease Prmt-Ricoh Copiers-RRE	701 5-180 8-601-...
22. W.B. Mason Co., Inc.	46.02	1/2-Office Supplies-LS	701 5-180 8-601-...
23. Applied Specialties Inc.	2,870.40	Polymer - SH	701 5-180 8-602-...
24. Bonded Chemicals Inc.	36,679.65	20.265 Tons Carbon-SH	701 5-180 8-602-...
25. Bonded Chemicals Inc.	3,166.40	19.79 Tons Lime-SH	701 5-180 8-602-...
26. USALCO	15,067.39	123.94 Tons Alum - SH	701 5-180 8-602-...
27. Grainger Inc.	743.52	Maintenance Supplies-SH/RK	701 5-180 8-603-...
28. GVS Safety Supplies, Inc.	181.55	Maintenance Supplies-SH	701 5-180 8-603-...
29. Lakeside Supply Co.	346.67	Maintenance Supplies-SH	701 5-180 8-603-...
30. Rex Pipe & Supply Co.	19.87	Maintenance Supplies-SH	701 5-180 8-603-...
31. Roberts Surveying Supplies	298.75	1/2-Maintenance Supplies-JRG	701 5-180 8-603-...
32. HD Supply Waterworks, Ltd.	125.00	Cap for Repair of Drain-SH	701 5-180 8-607-...
33. USA Blue Book	2,043.30	Equipment Maintenance-SH	701 5-180 8-607-...
34. Xylem Water Solutions	737.89	Filter Sweep Flags-SH	701 5-180 8-607-...
35. Harold Archer & Sons	1,245.07	74.55 Tons Stone-RK	701 5-180 8-612-...
36. HD Supply Waterworks, Ltd.	5,099.60	Wa Distribution Supplies-RK	701 5-180 8-612-...
37. Kendera Concrete & Mason...	4,068.00	Drive Repairs-RK	701 5-180 8-612-...
38. Westview Concrete Corp.	725.75	Street Repairs - RK	701 5-180 8-612-...
39. Alloway	438.00	Lab Analysis-SH	701 5-180 8-615-...
40. Endress+Hauser, Inc.	2,893.46	Preventative Maint-Lab Turbidimeter-SH	701 5-180 8-615-...
41. Environmental Resource As...	205.26	Lab Testing-SH	701 5-180 8-615-...
42. Scientific Methods Inc.	375.00	Lab Analysis - SH	701 5-180 8-615-...
43. USA Blue Book	364.30	Lab Supplies-SH	701 5-180 8-615-...
44. Sherwin-Williams Co.	167.48	Paint for Fire Hydrants-RK	701 5-180 8-624-...
45. Time Warner Cable	74.50	1/2-Internet Svc@201Miller 7/14/16-8/...	701 5-180 8-700-...
46. AWWA	182.00	AWWA Membership-B.Simon-LS	701 5-180 8-701-...
47. Chronicle Telegram	234.03	1/2-Ads for Bids-Chemical/WaDistSup...	701 5-180 8-701-...
48. Kayle Appraisal Services	1,700.00	Negotiation for Land Acquisition-RRE	701 5-180 8-701-...
49. Novotny Catering Inc.	500.00	Breakfast/Snacks-Biomimicry Mtg-SB	701 5-180 8-701-...
50. Solar Testing Laboratories, I...	1,258.00	Testing/Analysis-SIP-8/15/16-6/16/16-...	701 5-180 8-701-...
51. Sunbelt Rentals	850.37	Rental of Boom Forklift-SH	701 5-180 8-701-...
52. Technology Management S...	862.50	1/2-Computer Support-June 2016-RRE	701 5-180 8-701-...
53. Fuelman of Northern Ohio	422.88	1/2-Fuel for Vehicles 7/18/16-7/31/16-LS	701 5-180 8-707-...
54. Advance Auto Parts	4.85	1/2-Misc Truck Parts-RK	701 5-180 8-707-...

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Avon Lake Municipal Utilities  
Water Fund 701 Expenses  
August 2, 2016

Name	Amount	Memo	Account
55. Conrad's Tire Express	29.45	1/2-Truck Repairs-RK	701 5-180 8-707-...
56. Denny & Lynne's Locksmith	280.00	1/2-Locks & Keys-RK	701 5-180 8-708-...
57. Higey Mechanical Service, I...	571.00	Service A/C @WA Plant-SH	701 5-180 8-708-...
58. Higey Mechanical Service, I...	327.50	1/2-Svc A/C @201 Miller-RK	701 5-180 8-708-...
59. Irrigation Sales & Service, L...	193.63	1/2-TurnOn/Repair Sprinkler@201Mille...	701 5-180 8-708-...
60. Lakeside Supply Co.	1,266.89	Repair Chlorine Lines-SH	701 5-180 8-708-...
61. Rex Pipe & Supply Co.	437.23	Replacement Valve-SH	701 5-180 8-708-...
62. Sherwin-Williams Co.	146.28	Paint/Supplies-SH	701 5-180 8-708-...
63. Tremco	11,525.00	Patch/Repair Roof-SH	701 5-180 8-708-...
64. USA Blue Book	573.81	Repair Chlorine Lines-SH	701 5-180 8-708-...
65. Jani-King of Cleveland	322.50	1/2-CleaningSvc@201Miller-Aug 2016-...	701 5-180 8-709-...
66. Lawn Tech	135.97	1/2-Fertilize Lawn@201Miller-RRE	701 5-180 8-709-...
67. Speed Exterminating Comp...	30.00	1/2-Exterminating@201Miller-July2016...	701 5-180 8-709-...
68. Shamrock	431.38	1/2-UBill Fees-June 2016-RRE	701 5-180 8-907-...
69. Carlsen, Margaret Postich	96.44	Refund Cr Bal on Closed Acct-LS	701 9-180 8-901-...
70. Kearney, Joe	35.11	Refund Cr Bal on Closed Acct	701 9-180 8-901-...
Aug 2, 16	<u>206,685.98</u>		

Avon Lake Municipal Utilities  
Wastewater Fund 721 Expenses  
August 2, 2016

Name	Amount	Memo	Account
Aug 2, 16			
1. Wastewater Employees	57,277.64	Salaries P/R #16 7/11/16-7/24/16	721 5-190 7-102...
2. Wastewater Employees	7,205.38	PartTime P/R #16 7/11/16-7/24/16	721 5-190 7-105...
3. Wastewater Employees	5,849.65	OverTime P/R #16 7/11/16-7/24/16	721 5-190 7-106...
4. Knick, Dennis	10.00	1 Employee Meal Allowance-LS	721 5-190 7-200...
5. Kasten, Rick	5.00	1 Employee Meal Allowance-LS	721 5-190 7-200...
6. Hall, Donald	20.00	2 Employee Meal Allowances-LS	721 5-190 7-200...
7. Fischer, William	10.00	1 Employee Meal Allowance - LS	721 5-190 7-200...
8. Spinks, Joshua D.	10.00	1 Employee Meal Allowance-LS	721 5-190 7-200...
9. Medical Mutual of Ohio	581.46	Med Mut Pmt 8/2/16	721 5-190 7-203...
10. Medical Mutual of Ohio	32,093.60	Hospitalization - Sept. 2016	721 5-190 7-203...
11. Medical Mutual of Ohio	-1,921.29	Med Mut Emp Contrib P/R #16	721 5-190 7-203...
12. Medical Mutual of Ohio	193.20	Group Life - Sept 2016	721 5-190 7-204...
13. Medical Mutual of Ohio	1,836.73	Dental/Vision - Sept 2016	721 5-190 7-205...
14. Medical Mutual of Ohio	6,557.17	Presc Drug - Sept 2016	721 5-190 7-207...
15. Medicare	873.54	Medicare - PR #16 7/24/16	721 5-190 7-212...
16. Neofunds by Neopost	500.00	1/2-Postage for Meter-LS	721 5-190 8-601...
17. Shamrock	1,246.73	1/2-Print/Mail 2nd Qtr Wa Bills-RRE	721 5-190 8-601...
18. Shamrock	3,750.00	1/2-Postage for Wa Bills-RRE	721 5-190 8-601...
19. Staples	127.45	1/2-Office Supplies - KK	721 5-190 8-601...
20. U.S. Bank	345.02	1/2-Lease Pmt-Ricoh Copiers-RRE	721 5-190 8-601...
21. W.B. Mason Co., Inc.	46.03	1/2-Office Supplies-LS	721 5-190 8-601...
22. Bonded Chemicals Inc.	9,998.40	62.49 Tons Lime-SB	721 5-190 8-602...
23. Grainger Inc.	59.19	Maintenance Supplies-RK	721 5-190 8-603...
24. GVS Safety Supplies, Inc.	683.40	Maintenance Supplies-SB	721 5-190 8-603...
25. Parker Supply LLC.	443.13	Maintenance Supplies-SB	721 5-190 8-603...
26. Rex Pipe & Supply Co.	58.90	Maintenance Supplies-SB	721 5-190 8-603...
27. Roberts Surveying Suppli...	298.75	1/2-Maintenance Supplies-JRG	721 5-190 8-603...
28. United Laboratories	466.66	Maintenance Supplies-SB	721 5-190 8-603...
29. Applied Industrial Techn...	1,582.29	Equipment Maintenance-SB	721 5-190 8-607...
30. Seagate Control Systems	72.36	VFD for Waste Pump-SB	721 5-190 8-607...
31. Jones & Henry Labs Inc.	340.00	Mercury Testing - SB	721 5-190 8-615...
32. North Coast Environment...	416.00	Lab Samples-SB	721 5-190 8-615...
33. Interstate Gas Supply, Inc.	185.75	Gas Svc @ WPCC June 2016-SB	721 5-190 8-700...
34. Time Warner Cable	74.50	1/2-Internet Svc@201Miller 7/14/16-8/13/16...	721 5-190 8-700...
35. Time Warner Cable	273.55	Internet/Phone@WPCC 7/22/16-8/21/16-SB	721 5-190 8-700...
36. Brown & Caldwell	38,160.80	Coll Sys Modeling Update 5/27/16-6/30/16-...	721 5-190 8-701...
37. Chronicle Telegram	234.02	1/2-Ads for Bids-Chemicals/WaDistSupplies...	721 5-190 8-701...
38. Diamond Environmental	1,900.00	Asbestos & Lead Testing-SB	721 5-190 8-701...
39. Envirotech Consultants, I...	1,992.70	Wetlands Delineation-SB	721 5-190 8-701...
40. Or-Tec Sales	3,069.65	Belt Press Rental-SB	721 5-190 8-701...
41. Technology Managemen...	862.50	1/2-Computer Support-June 2016-RRE	721 5-190 8-701...
42. Republic Services	37,959.50	Sludge Disposal-June 2016-SB	721 5-190 8-702...
43. Fuelman of Northern Ohio	422.88	1/2-Fuel for Vehicles 7/18/16-7/31/16-LS	721 5-190 8-707...
44. Advance Auto Parts	4.84	1/2-Misc Truck Parts-RK	721 5-190 8-707...
45. Conrad's Tire Express	29.45	1/2-Truck Repairs-RK	721 5-190 8-707...
46. Denny & Lynne's Locksm...	280.00	1/2-Locks & Keys-RK	721 5-190 8-708...
47. Higey Mechanical Servic...	327.50	1/2-Svc A/C@201 Miller-RK	721 5-190 8-708...
48. Irrigation Sales & Service...	193.62	1/2-TurnOn/Repair Sprinkler@201Miller-RK	721 5-190 8-708...
49. Lawn Tech	35.12	Fertilize Lawn@Center Rd P.S.-RK	721 5-190 8-708...
50. Sherwin-Williams Co.	412.00	Paint/Supplies-SB	721 5-190 8-708...
51. Strata-Tech, Inc.	10,717.21	Digester Maintenance-SB	721 5-190 8-708...
52. Jani-King of Cleveland	322.50	1/2-CleaningSvc@201Miller-Aug 2016-RRE	721 5-190 8-709...
53. Lawn Tech	135.98	1/2-Fertilize Lawn@201Miller-RRE	721 5-190 8-709...
54. Speed Exterminating Co...	30.00	1/2-Exterminating@201Miller-July2016-RRE	721 5-190 8-709...

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Avon Lake Municipal Utilities  
Wastewater Fund 721 Expenses  
August 2, 2016

Name	Amount	Memo	Account
55. Shamrock	431.37	1/2-UBill Fees-June 2016-RRE	721 5-190 8-907...
56. Carlsen, Margaret Postich	183.41	Refund Cr Bal on Closed Acct-LS	721 9-190 8-901...
57. Kearney, Joe	51.52	Refund Cr Bal on Closed Acct	721 9-190 8-901...
Aug 2, 16	<u>229,326.76</u>		



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Avon Lake Municipal Utilities  
MOR Fund 703 Expenses - ETL1  
August 2, 2016

Name	Amount	Memo	Account
Aug 2, 16			
1. Harold Archer & Sons	1,356.63	75.16 Tons Stone-RK	703 5-180 8-740...
2. HD Supply Waterworks...	529.40	For ETL1 Repairs-RK	703 5-180 8-740...
3. Westview Concrete Co...	6,510.00	Concrete for ETL1-Lear Rd-RK	703 5-180 8-740...
4. Direct Energy	5.28	Elect Svc@Moore PRV 6/9/16-7/11/16-...	703 5-180 8-743...
Aug 2, 16	<u>8,401.31</u>		

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Avon Lake Municipal Utilities  
MOR Fund 762 Expenses - ETL2  
August 2, 2016

Name	Amount	Memo	Account
Aug 2, 16			
1. Engie Resources	5,640.77	Elect@Moore P.S. 6/10/16-7/11/16-RRE	762 5-180 8-70...
2. Alloway	525.00	Special Purpose TTHM's & HAA5-SH	762 5-180 8-74...
Aug 2, 16	<u>6,165.77</u>		

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Avon Lake Municipal Utilities  
Water Works Construction Fund 704 Expenses  
August 2, 2016

Name	Amount	Memo	Account
Aug 2, 16			
1. MWH	30,000.00	Prof Svc 6/4/16-7/1/16-SIP Project-RRE	704 5-180 8-80...
Aug 2, 16	<u>30,000.00</u>		

Avon Lake Municipal Utilities  
Water Fund 701 Expenses  
August 16, 2016

Name	Amount	Memo	Account
Aug 16, 16			
1. Water Employees	54,546.63	Salaries P/R #17 7/25/16-8/7/16	701 5-180 7-102-...
2. Water Employees	5,952.96	PartTrime P/R#17 7/25/16-8/7/16	701 5-180 7-105-...
3. Board of Municipal Utilities	1,541.67	August 2016 Board Salaries	701 5-180 7-105-...
4. Water Employees	7,946.50	Overtime P/R #17 7/25/16-8/7/16	701 5-180 7-106-...
5. Bruder Jr., Bernard	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
6. Mosher, Gregory	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
7. Yuronich, Greg	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
8. Busse, Carl	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
9. Wohl, Michael	10.00	1 Employee Meal Allowance-LS	701 5-180 7-200-...
10. Medical Mutual of Ohio	436.89	Med Mutual Pmt 8/9/16	701 5-180 7-203-...
11. Cintas Corp.	173.24	Emp Uniform Rental July 2016-RK	701 5-180 8-226-...
12. Rockmont	278.16	Employee Clothing-EW	701 5-180 8-226-...
13. Avon Lake Printing	316.80	Waterfest Posters, Signs,Note Cards,L...	701 5-180 8-601-...
14. FriendsOffice	665.11	Office Supplies-LS/KK	701 5-180 8-601-...
15. W.B. Mason Co., Inc.	56.29	1/2-Office Supplies-LS	701 5-180 8-601-...
16. Staples	216.43	1/2-Office Supplies-LS	701 5-180 8-601-...
17. XPOLogistics	230.30	Freight Charges-SH	701 5-180 8-601-...
18. Bonded Chemicals Inc.	14,841.00	17 Tons Fluoride-SH	701 5-180 8-602-...
19. Bonded Chemicals Inc.	2,990.40	18.69 Tons Lime-SH	701 5-180 8-602-...
20. USALCO	12,057.32	99.18 Tons Alum - SH	701 5-180 8-602-...
21. E & H Hardware Group, LLC.	295.35	1/2-Maintenance Supplies - TAD	701 5-180 8-603-...
22. Grainger Inc.	195.08	Maintenance Supplies-RK	701 5-180 8-603-...
23. GVS Safety Supplies, Inc.	71.40	Maintenance Supplies-SH	701 5-180 8-603-...
24. Kinzua Environmental Inc.	181.55	Maintenance Supplies - SH	701 5-180 8-603-...
25. Lowe's	189.45	Maintenance Supplies-TAD	701 5-180 8-603-...
26. Pollardwater	350.85	Maintenance Supplies-RK	701 5-180 8-603-...
27. Roberts Surveying Supplies	326.98	1/2-Maintenance Supplies-JRG	701 5-180 8-603-...
28. Titan Supply	234.00	1/2-Maintenance Supplies-RK	701 5-180 8-603-...
29. Trico Oxygen Company	39.80	1/2-Maint Gases@201Miller-RK	701 5-180 8-603-...
30. Trico Oxygen Company	34.80	Maint Gases@WA Plant-SH	701 5-180 8-603-...
31. Hach Company	1,908.39	Controller for Filters-SH	701 5-180 8-607-...
32. Mikes Mobile Services, Inc.	1,125.00	Fork Lift Repair-SH	701 5-180 8-607-...
33. Rex Pipe & Supply Co.	1,959.11	Equipment Maintenance-SH	701 5-180 8-607-...
34. USA Blue Book	746.93	Repair Parts-SH	701 5-180 8-607-...
35. Xylem Dewatering Solutions...	1,565.24	Repair Parts-SH	701 5-180 8-607-...
36. Complete Concrete	350.00	Saw Cut Lake/Coveland-RK	701 5-180 8-612-...
37. Forterra	173.90	Tap Saddle Grout-RK	701 5-180 8-612-...
38. HD Supply Waterworks, Ltd.	2,078.20	Wa Distribution Supplies-RK	701 5-180 8-612-...
39. Maintenance Systems of No...	5,248.00	Asphalt Repairs-RRE	701 5-180 8-612-...
40. Rock Pile	312.49	Yard Repair Materials-RK	701 5-180 8-612-...
41. Westview Concrete Corp.	1,000.13	Street Repairs - RK	701 5-180 8-612-...
42. Alloway	110.00	Lab Analysis-SH	701 5-180 8-615-...
43. Culligan of Cleveland	63.00	DI Rental - 8/1/16-8/31/16-SH	701 5-180 8-615-...
44. Hach Company	3,581.25	Lab Supplies-SH	701 5-180 8-615-...
45. Trico Oxygen Company	40.60	Lab Gases-SH	701 5-180 8-615-...
46. Sherwin-Williams Co.	78.52	Paint for Fire Hydrants-RK	701 5-180 8-624-...
47. CenturyLink	630.26	TelephoneSvc@WaterPlant-July 2016-...	701 5-180 8-700-...
48. Engie Resources	38,625.34	Elect@WA Plant 6/18/16-7/19/16-SH	701 5-180 8-700-...
49. Illuminating Co.	21,929.55	Elect@WaPlant 6/18/16-7/19/16-SH	701 5-180 8-700-...
50. Illuminating Co.	48.87	Elect@Aux Pump House 6/8/16-7/7/16-...	701 5-180 8-700-...
51. Illuminating Co.	55.01	Elect@LearWa Tower 6/7/16-7/7/16-SH	701 5-180 8-700-...
52. Illuminating Co.	51.28	Elect@Walker WaTower 6/9/16-7/11/1-...	701 5-180 8-700-...
53. Verizon Wireless	445.49	1/2-Cell Svc 7/26/16-8/25/16-TAD	701 5-180 8-700-...
54. a.m. design group, inc.	274.75	Website Maintenance-EW	701 5-180 8-701-...

Avon Lake Municipal Utilities  
Water Fund 701 Expenses  
August 16, 2016

Name	Amount	Memo	Account
55. Brakey Energy, Inc.	875.00	Energy Mgmt Svc - July 2016-TAD	701 5-180 8-701-...
56. City Directories	176.20	1/2-City Directory-TAD	701 5-180 8-701-...
57. Fauver Keyse-Walker & Do...	2,080.00	Prof Svc-Re:Westlake 7/21/16-7/28/16...	701 5-180 8-701-...
58. Firstmerit Bankcard Ctr	52.73	Breakfast Mtgs-SH	701 5-180 8-701-...
59. Firstmerit Bankcard Ctr	540.08	Employee Lunches, Books from AWW...	701 5-180 8-701-...
60. Firstmerit Bankcard Ctr	1,402.49	1/2-CopyPlans, ClassSupplies, AutoCad...	701 5-180 8-701-...
61. Firstmerit Bankcard Ctr	32.75	Fuel for Vehicle-RRE	701 5-180 8-701-...
62. Firstmerit Bankcard Ctr	247.21	TimeLapseCameraKit, MemoryCard-T...	701 5-180 8-701-...
63. McAfee	27.50	1/2-Email Filtering - Aug 2016-RRE	701 5-180 8-701-...
64. Mercy Occupational Health	196.00	1/2-Qtrly Fee & Immunizations-TAD	701 5-180 8-701-...
65. Operator Training Committe...	300.00	Registration Fees-SH	701 5-180 8-701-...
66. Sapp, Melissa	1,350.00	TShirt & Waterfest Poster Designs-EW	701 5-180 8-701-...
67. Solar Testing Laboratories, I...	2,450.00	Testing/Analysis-SIP-6/27/16-7/10/16-...	701 5-180 8-701-...
68. Solar Testing Laboratories, I...	2,332.00	Testing/Inspect-Walker Tank 6/27/16-...	701 5-180 8-701-...
69. Technology Management S...	909.98	1/2-Computer Support-July 2016-TAD	701 5-180 8-701-...
70. Treasurer, State of Ohio	250.00	Annual Risk Mgmt Plan Fee-SH	701 5-180 8-701-...
71. West, Elana	25.00	Reimbursement for Cell Phone-Aug 20...	701 5-180 8-701-...
72. Yuronich, Greg	25.00	Reimbursement for Cell Phone-Aug 20...	701 5-180 8-701-...
73. Fisher Auto Parts Inc.	9.43	1/2-Misc Truck Parts-RK	701 5-180 8-707-...
74. Sylvester Truck & Tire Servi...	15.56	1/2-Truck Repairs-RK	701 5-180 8-707-...
75. Kline's	3,710.00	Paint Truck-RK	701 5-180 8-707-...
76. Vasu Communications, Inc.	352.00	Install Radios in New Truck-RK	701 5-180 8-707-...
77. FLB Service Co.	105.00	1/2-Adjust Garage Doors, Svc Receiver...	701 5-180 8-708-...
78. Grainger Inc.	185.04	Filters for HVAC-SH	701 5-180 8-708-...
79. Lakeside Supply Co.	486.78	Building Maintenance Supplies-RK	701 5-180 8-708-...
80. Parker Supply LLC.	563.94	Building Maintenance Supplies-SH	701 5-180 8-708-...
81. Sherwin-Williams Co.	15.18	1/2-Paint/Supplies-RK	701 5-180 8-708-...
82. Cutting Edge Lawn & Lands...	380.00	Lawn Svc@201 Miller-July 2016- RK	701 5-180 8-709-...
83. CenturyLink	679.35	TelephoneSvc@201Miller-July 2016-T...	701 5-180 8-711-...
84. Columbia Gas	100.70	GasSvc@201Miller 6/27/16-7/27/16-R...	701 5-180 8-711-...
85. Illuminating Co.	842.55	ElectricSvc@201Miller 7/9/16-8/9/16-...	701 5-180 8-711-...
86. Discover Network	167.01	1/2-Discover Card Fee-July 2016-LS	701 5-180 8-907-...
87. Tijanich, John	5.00	Refund Cr Bal on Closed Acct-LS	701 9-180 8-901-...
Aug 16, 16	<u>207,509.75</u>		

Avon Lake Municipal Utilities  
Wastewater Fund 721 Expenses  
August 16, 2016

Name	Amount	Memo	Account
Aug 16, 16			
1. Wastewater Employees	57,277.61	Salaries P/R #17 7/25/16-8/7/16	721 5-190 7-102...
2. Wastewater Employees	6,821.75	PartTime P/R #17 7/25/16-8/7/16	721 5-190 7-105...
3. Board of Municipal Utilities	1,541.66	August 2016 Board Salaries	721 5-190 7-105...
4. Wastewater Employees	7,134.30	OverTime P/R #17 7/25/16-8/7/16	721 5-190 7-106...
5. Hall, Donald	10.00	1 Employee Meal Allowance-LS	721 5-190 7-200...
6. Knick, Dennis	10.00	1 Employee Meal Allowance-LS	721 5-190 7-200...
7. Medical Mutual of Ohio	445.20	Med Mutual Prmt 8/9/16	721 5-190 7-203...
8. Cintas Corp.	256.15	Emp Uniform Rental July 2016-RK	721 5-190 8-226...
9. Rockmont	700.00	Employee Clothing-EW	721 5-190 8-226...
10. Federal Express	105.90	Shipping Charges-LS	721 5-190 8-601...
11. FriendsOffice	53.43	Office Supplies-KK	721 5-190 8-601...
12. W.B. Mason Co., Inc.	56.29	1/2-Office Supplies-LS	721 5-190 8-601...
13. Shamrock	412.35	Postage for Sw Separation DVD's-LS	721 5-190 8-601...
14. Staples	216.43	1/2-Office Supplies-LS	721 5-190 8-601...
15. Bonded Chemicals Inc.	6,721.60	42.01 Tons Lime-TAD	721 5-190 8-602...
16. Bonded Chemicals Inc.	3,855.76	8.6066 Tons Ferric Chloride-TAD	721 5-190 8-602...
17. ABC Equipment Rental	369.97	Maintenance Supplies-TAD	721 5-190 8-603...
18. Active Plumbing Supply	159.36	Maintenance Supplies-RK	721 5-190 8-603...
19. E & H Hardware Group, ...	295.35	1/2-Maintenance Supplies - TAD	721 5-190 8-603...
20. Grainger Inc.	258.84	Maintenance Supplies-RK/TAD	721 5-190 8-603...
21. GVS Safety Supplies, Inc.	23.00	Maintenance Supplies-SB	721 5-190 8-603...
22. Lowe's	252.59	Maintenance Supplies-TAD	721 5-190 8-603...
23. Rex Pipe & Supply Co.	248.28	Maintenance Supplies-RK	721 5-190 8-603...
24. Roberts Surveying Suppl...	326.97	1/2-Maintenance Supplies-JRG	721 5-190 8-603...
25. Titan Supply	234.00	1/2-Maintenance Supplies-RK	721 5-190 8-603...
26. Trico Oxygen Company	39.80	1/2-Maint Gases@201Miller-RK	721 5-190 8-603...
27. Trico Oxygen Company	34.20	Maint Gases@WPCC-TAD	721 5-190 8-603...
28. Applied Industrial Techn...	7.23	Equipment Maintenance-TAD	721 5-190 8-607...
29. Jack Doheny Supplies O...	1,002.50	Equipment Maintenance-TAD	721 5-190 8-607...
30. McMaster-Carr Supply	231.57	Equipment Maintenance-TAD	721 5-190 8-607...
31. Harold Archer & Sons	348.86	24.83 Tons Stone-RK	721 5-190 8-612...
32. Westview Concrete Corp.	1,670.00	Concrete Repairs@WPCC-TAD	721 5-190 8-612...
33. Culligan of Cleveland	37.80	DI Rental - 8/1/16-8/31/16-SH	721 5-190 8-615...
34. Fisher Scientific	2,139.16	Wastewater Lab Supplies - SH	721 5-190 8-615...
35. Hach Company	1,808.69	Lab Supplies-SH	721 5-190 8-615...
36. North Coast Environment...	72.00	Lab Samples-SB	721 5-190 8-615...
37. CenturyLink	372.84	TelephoneSvc@PumpStations-July 2016-RK	721 5-190 8-700...
38. Columbia Gas	28.79	GasSvc@Bridgeside 6/29/16-7/29/16-RK	721 5-190 8-700...
39. Columbia Gas	27.25	GasSvc@Lear P.S. 7/5/16-8/3/16-RK	721 5-190 8-700...
40. Columbia Gas	28.28	GasSvc@HuntClub P.S. 6/29/16-7/29/16-RK	721 5-190 8-700...
41. Illuminating Co.	7,361.05	Elect@WPCC 7/8/16-8/5/16-TAD	721 5-190 8-700...
42. Illuminating Co.	171.76	Elect@31900Lake 7/7/16-8/5/16-RK	721 5-190 8-700...
43. Illuminating Co.	2,178.16	Elect@Center P.S. 7/8/16-8/8/16-RK	721 5-190 8-700...
44. Illuminating Co.	74.06	Elect@BridgesideP.S. 7/7/16-8/5/16-RK	721 5-190 8-700...
45. Illuminating Co.	81.90	Elect@Lear P.S. 7/7/16-8/5/16-RK	721 5-190 8-700...
46. Illuminating Co.	85.53	Elect@HuntClub P.S. 7/7/16-8/5/16-RK	721 5-190 8-700...
47. Illuminating Co.	49.04	Elect@JaycoxSwMtr 7/7/16-8/5/16-K	721 5-190 8-700...
48. Verizon Wireless	445.49	1/2-Cell Svc 7/26/16-8/25/16-TAD	721 5-190 8-700...
49. Brakey Energy, Inc.	875.00	Energy Mgmt Svc - July 2016-TAD	721 5-190 8-701...
50. Chronicle Telegram	1,700.80	Ad for Bids-FIBB Project-TAD	721 5-190 8-701...
51. City Directories	176.20	1/2-City Directory-TAD	721 5-190 8-701...
52. Firstmerit Bankcard Ctr	1,001.34	LunchMtgs, Misc Supplies-SB	721 5-190 8-701...
53. Firstmerit Bankcard Ctr	1,402.49	1/2-CopyPlans, ClassSupplies, AutoCADGui...	721 5-190 8-701...
54. Firstmerit Bankcard Ctr	482.72	TimeLapseCameraKit, MemoryCard-TAD	721 5-190 8-701...

08/12/16

Avon Lake Municipal Utilities  
Wastewater Fund 721 Expenses  
August 16, 2016

Name	Amount	Memo	Account
55. Hoffmann-Metzker, Inc.	19,500.00	Field Location & Elevations-45 Project-JRG	721 5-190 8-701...
56. McAfee	27.50	1/2-Email Filtering - Aug 2016-RRE	721 5-190 8-701...
57. Mercy Occupational Health	196.00	1/2-Qtrly Fee & Immunizations-TAD	721 5-190 8-701...
58. Operator Training Comm...	1,150.00	Registration Fees-TAD	721 5-190 8-701...
59. Sapp, Melissa	500.00	Sw Separation Design/Packaging-EW	721 5-190 8-701...
60. Technology Managemen...	909.99	1/2-Computer Support-July 2016-TAD	721 5-190 8-701...
61. Fisher Auto Parts Inc.	9.43	1/2-Misc Truck Parts-RK	721 5-190 8-707...
62. Sylvester Truck & Tire S...	15.56	1/2-Truck Repairs-RK	721 5-190 8-707...
63. Kline's	3,710.00	Paint Truck-RK	721 5-190 8-707...
64. Vasu Communications, I...	352.00	Install Radios in New Truck-RK	721 5-190 8-707...
65. FLB Service Co.	105.00	1/2-Adjust Garage Doors, Svc Receives-RK	721 5-190 8-708...
66. Grainger Inc.	189.00	Fluorescent Lamps-TAD	721 5-190 8-708...
67. Sherwin-Williams Co.	15.18	1/2-Paint/Supplies-RK	721 5-190 8-708...
68. Sherwin-Williams Co.	624.61	Paint/Supplies-RRE	721 5-190 8-708...
69. Cutting Edge Lawn & La...	380.00	Lawn Svc@201 Miller-July 2016- RK	721 5-190 8-709...
70. Discover Network	167.00	1/2-Discover Card Fee-July 2016 -LS	721 5-190 8-907...
71. Tijanich, John	25.00	Refund Cr Bal on Closed Acct-LS	721 9-190 8-901...
Aug 16, 16	<u>139,597.57</u>		

08/12/16

Avon Lake Municipal Utilities  
MOR Fund 703 Expenses - ETL1  
August 16, 2016

Name	Amount	Memo	Account
Aug 16, 16			
1. Avon Lake Regional W...	175,976.86	Water Used from ETL1-July 2016-TAD	703 5-180 8-704...
2. Insurance Partners Age...	9,223.00	Insurance Premium-TAD	703 5-180 8-710...
3. Harold Archer & Sons	5,581.79	324.86 Tons Stone-RK	703 5-180 8-740...
4. Kendera Enterprises, Inc.	7,385.00	ETL1 Repair Work - Lear Road - RK	703 5-180 8-740...
5. Sandusky Electric Inc.	23.11	Pump Repair Parts=SH	703 5-180 8-740...
6. HD Supply Waterworks...	16,749.50	For ETL1 Repairs-RK	703 5-180 8-740...
7. Illuminating Co.	48.79	Elect@Moore/RR 6/9/16-7/11/16-TAD	703 5-180 8-743...
8. Illuminating Co.	64.61	Elect@Lear/Krebs 6/7/16-6/16-TAD	703 5-180 8-743...
9. Ohio Edison	62.60	Elect@Butternut/Root 7/2/16-8/2/16-TAD	703 5-180 8-743...
10. Ohio Edison	48.48	Elect@Lear/Chstn 7/6/16-8/4/16-TAD	703 5-180 8-743...
11. Ohio Edison	73.57	Elect@Lear/Mills 7/7/16-8/4/16-TAD	703 5-180 8-743...
12. Ohio Edison	47.01	Elect@Lear/US20 7/6/16-8/4/16-TAD	703 5-180 8-743...
13. Ohio Edison	53.09	Elect@Root/Sprag 7/2/16-8/3/16-TAD	703 5-180 8-743...
Aug 16, 16	<u>215,337.41</u>		



08/12/16

Avon Lake Municipal Utilities  
MOR Fund 762 Expenses - ETL2  
August 16, 2016

Name	Amount	Memo	Account
Aug 16, 16			
1. Ohio Edison	7,610.61	Elect@Island 7/1/16-8/1/16-TAD	762 5-180 8-70...
2. Ohio Edison	39.83	Elect@Island OAL 7/2/16-8/2/16-TAD	762 5-180 8-70...
3. Engie Resources	7,028.05	Elect@Island P.S. 7/1/16-8/1/16-TAD	762 5-180 8-70...
4. Avon Lake Regional W...	382,976.33	Water Used from ETL2-July 2016-TAD	762 5-180 8-70...
5. Insurance Partners Age...	9,223.00	Insurance Premium-TAD	762 5-180 8-71...
6. Fenik, John	200.00	Lawn Svc@IslandRd- July 2016-RRE	762 5-180 8-74...
7. Ohio Edison	60.28	Elect@Barres PRV 7/7/16-8/5/16-TAD	762 5-180 8-74...
8. Ohio Edison	51.45	Elect@CenterRidge PRV 7/2/16-8/3/16-...	762 5-180 8-74...
9. Ohio Edison	44.20	Elect@Chestnut PRV 7/2/16-8/2/16-TAD	762 5-180 8-74...
Aug 16, 16	<u>407,233.75</u>		

Avon Lake Municipal Utilities  
LORCO Fund 749 Expenses  
August 16, 2016

Name	Amount	Memo	Account
Aug 16, 16			
1. Postmaster of Avon Lake	106.00	PO Box Fee-TAD	749 5-190 8-601...
2. JWC Environmental	129.10	Grinder Parts-RK	749 5-190 8-603...
3. Ohio Edison	58.54	Elect@9845AvonBelden 7/6/16-8/2/16-...	749 5-190 8-700...
4. Ohio Edison	47.56	Elect@12169AvonBelden 7/1/16-8/10/1...	749 5-190 8-700...
5. Ohio Edison	47.74	Elect@12901AvonBelden 7/1/16-8/10/1...	749 5-190 8-700...
6. Ohio Edison	52.50	Elect@33930Cooley 7/1/16-8/2/16-TAD	749 5-190 8-700...
7. Ohio Edison	48.61	Elect@36780Giles 6/30/16-8/1/16-TAD	749 5-190 8-700...
8. Ohio Edison	52.02	Elect@10920 Hawke 7/2/16-8/3/16-TAD	749 5-190 8-700...
9. Ohio Edison	51.01	Elect@10301 Reed 7/2/16-8/3/16-TAD	749 5-190 8-700...
10. Ohio Edison	243.89	Elect@38393 Royaltan 6/30/16-7/29/16-...	749 5-190 8-700...
11. Engie Resources	8.44	Elect@12169AvonBelden7/1/16-8/1/16-...	749 5-190 8-700...
12. Engie Resources	10.62	Elect@12901AvonBelden 7/1/16-8/1/16...	749 5-190 8-700...
13. Engie Resources	10.69	Elect@36780Giles 6/30/16-8/1/16-TAD	749 5-190 8-700...
14. Engie Resources	230.31	Elect@38393Royaltan 6/30/16-7/29/16-...	749 5-190 8-700...
15. Frontier	66.73	TelephoneSvc@Four Plex 7/25/16-8/24...	749 5-190 8-700...
16. Lorain-Medina Rural Ele...	103.52	Elect@Slife 6/23/16 - 7/23/16-TAD	749 5-190 8-700...
17. Lorain-Medina Rural Ele...	107.67	Elect@IndianHollow 6/23/16-7/23/16 -T...	749 5-190 8-700...
18. Lorain-Medina Rural Ele...	46.05	Elect@Durkee(South) 6/23/16-7/23/16-...	749 5-190 8-700...
19. Lorain-Medina Rural Ele...	99.58	Elect@12775 Durkee(North) 6/23/16-7/...	749 5-190 8-700...
20. Lorain-Medina Rural Ele...	71.07	Elect@12601 Cowley 6/23/16-7/23/16-T...	749 5-190 8-700...
21. Lorain-Medina Rural Ele...	81.05	Elect@36879 Capel 6/23/16-7/23/16-TAD	749 5-190 8-700...
22. Lorain-Medina Rural Ele...	88.66	Elect@Banks Rd 6/23/16-7/23/16 - TAD	749 5-190 8-700...
23. Fenik, John	100.00	Lawn Svc@Four Plex-July 2016-TAD	749 5-190 8-701...
24. Carle, William	4,168.92	Refund Tap Fee-TAD	749 5-190 8-701...
25. RLCWA	1,129.00	Meter Readings - July 2016 - TAD	749 5-190 8-848...
26. Shamrock	753.16	Print/Mail LORCO Bills-June 2016-TAD	749 5-190 8-848...
27. LORCO	13,500.00	Monthly Advance - August 2016 - TAD	749 5-190 8-907...
Aug 16, 16	<u>21,412.44</u>		

08/12/16

Avon Lake Municipal Utilities  
Sewer System Construction - Fund 724  
August 16, 2016

Name	Amount	Memo	Account
Aug 16, 16			
1. CDM Smith	60,133.00	WPCC Design 4/3/16-7/2/16-RRE	724 5-190 8-827-...
Aug 16, 16	<u>60,133.00</u>		







Avon Lake Regional Water  
**Water Distribution System Supplies**  
 Bid Tabulation  
 UNOFFICIAL

Date: **July 19, 2016**

Item	Qty	Description	EJ Prescott	Trumball	HD Supply	Ferguson
1	500'	3/4" Copper Tubing/ft.	\$2.54	\$2.74	\$2.69	\$2.88
1A	500'	1" Copper Tubing/ft.	\$3.31	\$3.45	\$3.38	\$3.75
1B	0	1-1/2" Copper Tubing/ft.	N/A	N/A	N/A	N/A
1C	0	2" Copper Tubing/ft.	N/A	N/A	N/A	N/A
2	75	3/4" Curb Stops/ea.	\$30.50	\$47.67	\$39.22	\$53.00
2A	0	3/4" Curb Stops w/Drain/ea.	N/A	N/A	N/A	N/A
2B	25	1" Curb Stops/ea.	\$66.00	\$65.80	\$65.27	\$79.00
2C	0	1" Curb Stops w/Drain/ea.	N/A	N/A	N/A	N/A
2D	5	1-1/2" Curb Stops/ea.	\$191.38	\$159.89	\$165.31	\$176.00
2E	5	2" Curb Stops/ea.	\$313.28	\$261.72	\$271.37	\$288.00
3	20	3/4" Corp./ea.	\$28.06	\$21.60	\$24.96	\$24.00
3A	20	1" Corp./ea.	\$36.02	\$33.01	\$38.14	\$36.00
3B	5	1-1/2" Corp./ea.	\$117.00	\$101.27	\$117.02	\$103.00
3C	5	2" Corp./ea.	\$204.42	\$176.89	\$204.42	\$189.00
4	75	Curb Stop Boxes/ea.	N/A	\$25.18	\$33.81	N/A
4A	50	Curb Stop Box Covers only/ea.	N/A	\$5.66	\$6.08	N/A
4B	60	33" Curb Box Stems/ea.	N/A	\$19.73	\$11.60	N/A
5	0	3/4" Copper Tees/ea.	N/A	N/A	N/A	N/A
5A	25	3/4" Copper 3-Prt Union/ea.	\$15.80	\$11.95	\$12.38	\$13.00
5B	25	3/4" Copper 45 Corp Bend/ea	\$14.90	\$13.19	\$13.62	\$14.00
5C	25	1" Copper 3-Part Union/ea.	\$23.64	\$20.94	\$21.65	\$13.00
5D	75	1" - 3/4" Copper 3-Prt Union/ea	\$21.41	\$17.72	\$18.32	\$20.00
5E	0	1" Copper 45 Corp Bend/ea.	N/A	N/A	N/A	N/A
5F	0	1" Copper 90 Corp Bend/ea.	N/A	N/A	N/A	N/A
5G	0	2" Copper 3-Part Union/ea.	N/A	N/A	N/A	N/A
5H	0	2" Copper 90 Corp Bend/ea.	N/A	N/A	N/A	N/A
5I	25	3/4" Female Iron-to-Copper Adapter/ea.	\$23.13	\$9.35	\$12.64	\$11.00
5J	0	1-1/2" Copper 3-Prt Union/ea.	N/A	N/A	N/A	N/A
5K	20	3/4" Copper 90 Corp Bend/ea	\$17.02	\$14.10	\$14.56	\$21.00
5L	5	1-1/2" Copper 90 CorpBend/ea	\$80.22	\$77.68	\$73.46	\$78.00
5M	25	3/4" Male Iron-to-Copper Adapter/ea.	\$10.69	\$9.47	\$9.79	\$11.00
5N	0	1-1/2" Female Iron-to-Copper Adapter/ea.	N/A	N/A	N/A	N/A

Avon Lake Regional Water  
**Water Distribution System Supplies**

Bid Tabulation  
 UNOFFICIAL

Date: **July 19, 2016**

Item	Qty	Description	EJ Prescott	Trumball	HD Supply	Ferguson
50	0	2" Female Iron-to-Copper Adapter/ea.	N/A	N/A	N/A	N/A
6	50	3/4" Meter Setter/ea.	\$131.61	\$118.64	\$97.71	N/A
6A	0	1" Meter Setter/ea.	N/A	N/A	N/A	N/A
7	100	20" x 36" Meter Vault/ea.	\$41.18	N/A	\$83.32	N/A
8	100	20" Meter Vault Cover w/ single hole/ea.	N/A	N/A	\$74.31	N/A
9	0	6" Couplings/ea.	N/A	N/A	N/A	N/A
9A	0	8" Couplings/ea.	N/A	N/A	N/A	N/A
9B	0	12" Couplings/ea.	N/A	N/A	N/A	N/A
9C	5	8" Coupling w/capped end/ea	N/A	\$140.18	\$205.92	N/A
9D	5	6" Coupling w/capped end/ea	N/A	\$104.94	\$172.67	N/A
10	10	6" x 7-1/2" Repair Clamp/ea.	\$51.81	\$53.59	\$50.99	N/A
10A	10	6"x12-1/2" Repair Clamp/ea.	\$82.84	\$87.51	\$83.13	N/A
10B	10	6" x 15" Repair Clamp/ea.	\$91.61	\$103.89	\$99.72	N/A
10C	10	6" x 24" Repair Clamp/ea.	\$181.76	\$178.05	\$173.49	N/A
10D	0	8" x 7-1/2" Repair Clamp/ea.	N/A	N/A	N/A	N/A
10E	0	8"x12-1/2" Repair Clamp/ea.	N/A	N/A	N/A	N/A
10F	10	8" x 15" Repair Clamp/ea.	\$111.34	\$120.67	\$114.35	N/A
10G	5	8" x 24" Repair Clamp/ea.	\$203.67	\$197.01	\$187.25	N/A
10H	0	12" x 10" Repair Clamp/ea.	N/A	N/A	N/A	N/A
10I	10	12" x 15" Repair Clamp/ea.	\$172.01	\$173.99	\$165.36	N/A
10J	10	12" x 24" Repair Clamp/ea.	\$329.81	\$270.76	\$257.34	N/A
11	5	6" x 7-1/2" Repair Clamp w/ 1" O.L./ea.	\$75.78	\$71.32	\$71.38	N/A
11A	5	6" x 12-1/2" Repair Clamp w/ 1" O.L./ea.	\$106.80	\$105.24	\$100.62	N/A
11B	5	6" x 15" Repair Clamp w/ 1" O.L./ea.	\$115.58	\$121.61	\$110.21	N/A
11C	5	6" x 20" Repair Clamp w/ 1" O.L./ea.	\$174.84	\$163.08	\$150.89	N/A
11D	0	8" x 7-1/2" Repair Clamp w/ 1" O.L./ea.	N/A	N/A	N/A	N/A
11E	0	8" x 12-1/2" Repair Clamp w/ 1" O.L./ea.	N/A	N/A	N/A	N/A
11F	0	8" x 15" Repair Clamp w/ 1" O.L./ea.	N/A	N/A	N/A	N/A
11G	5	8" x 20" Repair Clamp w/ 1" O.L./ea.	\$186.96	\$181.32	\$172.92	N/A
11H	0	12" x 10" Repair Clamp w/ 1" O.L./ea.	N/A	N/A	N/A	N/A
11I	5	12" x 12-1/2" Repair Clamp w/ 1" O.L./ea.	\$176.13	\$152.59	\$157.93	N/A
11J	0	12" x 15" Repair Clamp w/ 1" O.L./ea.	N/A	N/A	N/A	N/A



Avon Lake Regional Water  
**Water Distribution System Supplies**  
 Bid Tabulation  
 UNOFFICIAL

Date: **July 19, 2016**

Item	Qty	Description	EJ Prescott	Trumball	HD Supply	Ferguson
12	30	Valve Boxes/ea.	\$147.17	\$107.37	\$63.92	N/A
12A	20	Middle Extension for Valve Boxes/ea.	\$46.00	\$39.27	\$24.31	N/A
12B	30	Valve Box Top Section Complete/ea.	\$62.50	\$58.51	\$29.56	N/A
12C	25	2" Valve Box Riser/ea.	N/A	\$13.40	\$6.13	N/A
12D	20	4" Valve Box Riser/ea.	N/A	\$25.00	\$10.50	N/A
13	100'	6" C909 Pipe/Ft.	\$3.64	N/A	\$6.25	N/A
13A	0	8" C909 Pipe/Ft.	N/A	N/A	N/A	N/A
13B	0	12" C909 Pipe/Ft.	N/A	N/A	N/A	N/A
14	50	4-1/2" Tee Bolts/ea.	\$3.05	\$10.95	\$6.93	\$6.50
14A	50	3-1/2" Tee Bolts/ea.	\$3.05	\$10.25	\$5.68	\$6.00
15	0	6" M.J. Valve/ea.	N/A	N/A	N/A	N/A
15A	4	8" M.J. Valve/ea.	\$765.52	\$845.06	\$686.52	\$700.00
15B	4	12" M.J. Valve/ea.	\$1,545.88	\$1,666.90	\$1,354.45	\$1,380.00
16	14	Mueller A423 Hydrant/ea.	\$2,235.29	N/A	\$2,366.29	\$2,215.00
	4	6" Mueller A423 Hyd Riser/ea.	N/A	N/A	\$352.84	\$350.00
	0	12" Mueller A423 Hyd Riser/ea	N/A	N/A	N/A	N/A
	2	18" Mueller A423 Hyd Riser/ea	N/A	N/A	\$470.26	\$470.00
16A	14	Darling B84B Hydrant/ea.	N/A	\$2,790.00	N/A	\$2,750.00
	0	6" Darling B84B Hyd Riser/ea.	N/A	N/A	N/A	N/A
	0	12" Darling B84B Hyd Riser/ea	N/A	N/A	N/A	N/A
	0	18" Darling B84B Hyd Riser/ea	N/A	N/A	N/A	N/A
17	0	12" x 12" Mech. Joint Tee/ea.	N/A	N/A	N/A	N/A
	2	12" x 8" Mech. Joint Tee/ea.	\$434.12	N/A	\$164.00	\$168.00
	2	12" x 6" Mech. Joint Tee/ea.	\$410.88	N/A	\$142.00	\$146.00
17A	0	8" x 8" Mech. Joint Tee/ea.	N/A	N/A	N/A	N/A
	4	8" x 6" Mech. Joint Tee/ea.	\$218.31	N/A	\$87.20	\$89.00
17B	0	6" x 6" Mech, Joint Tee/ea.	N/A	N/A	N/A	N/A
18	6	12" Megalugs	\$80.90	\$68.92	\$59.12	\$70.00
	6	12" Plastic Megalugs	N/A	\$182.55	\$67.07	\$183.00
	6	8" Megalugs	\$37.57	\$32.64	\$27.38	\$33.00
	6	8" Plastic Megalugs	N/A	\$77.20	\$33.71	\$77.00
	6	6" Megalugs	\$24.62	\$21.38	\$18.21	\$22.00
	6	6" Plastic Megalugs	N/A	\$69.42	\$22.80	\$70.00

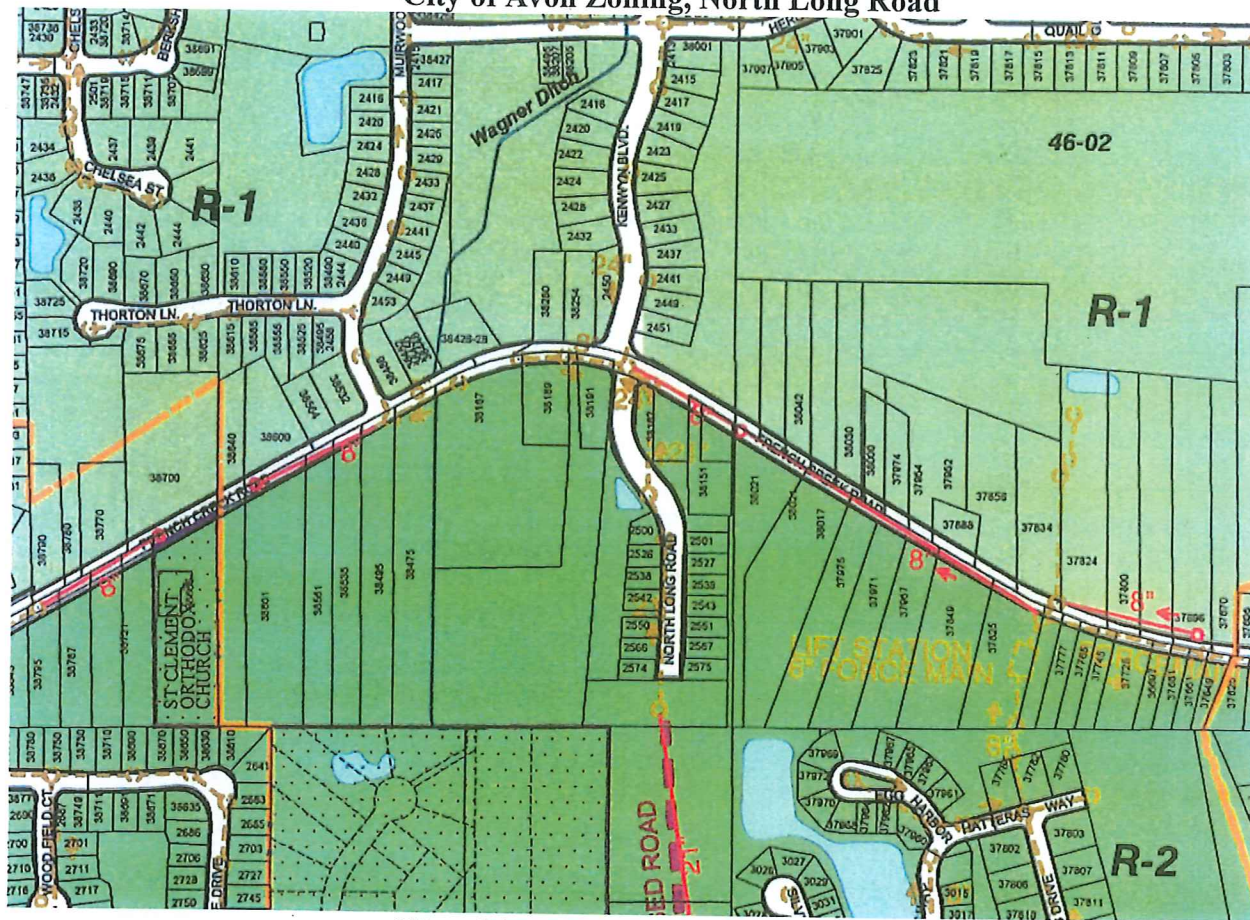
Avon Lake Regional Water  
**Water Distribution System Supplies**

Bid Tabulation  
 UNOFFICIAL

Date: **July 19, 2016**

Item	Qty	Description	EJ Prescott	Trumbull	HD Supply	Ferguson
		"Or Equal" Substitution(s)				
		<b>All items 1,2,3,5</b>	Ford Meter Box			
		<b>All items 10,11</b>	Ford Meter Box			
		<b>15</b>	Clow Valves			
		<b>16</b>	Clow Medallion			
		<b>Price firm for 30 days only</b>			X	
		Bid Bond/Check	10%	10%	10%	10%
		Informalities				

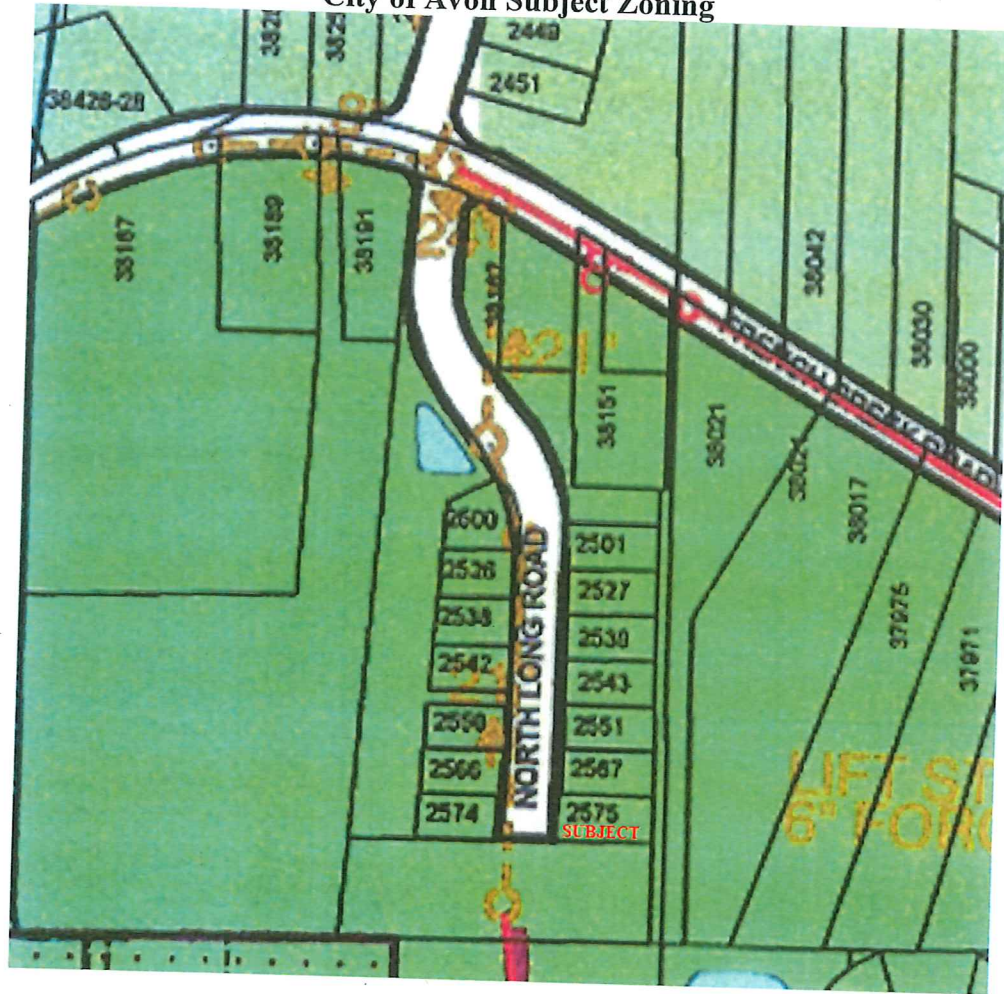
City of Avon Zoning, North Long Road



City of Avon Zoning Legend

ZONING LEGEND:			
	C-1 NEIGHBORHOOD BUSINESS		R-1 SINGLE FAMILY RESIDENTIAL
	C-2 CENTRAL BUSINESS FRENCH CREEK DISTRICT		R-2 SINGLE & DOUBLE FAMILY RESIDENTIAL
	C-3 PLANNED COMMERCIAL DEVELOPMENT		R-3 MULTI-FAMILY RESIDENTIAL
	C-4 GENERAL BUSINESS DISTRICT		R-4 CONDOMINIUM
	C-4/M-1 GENERAL BUSINESS/INDUSTRIAL OVERLAY		CHARTER AMENDMENT AREA
	M-1 GENERAL INDUSTRIAL		FUTURE LAND USE AREA
	M-2 LIGHT INDUSTRIAL		SPECIAL USE PERMIT
	O-1 PLANNED OFFICE DISTRICT		
	O-2 PLANNED OFFICE RESEARCH PARK		
	O-2/C-4 PLANNED OFFICE RESEARCH PARK/GENERAL BUSINESS OVERLAY		
	M-1/C-4/O-2 GENERAL INDUSTRIAL/GENERAL BUSINESS/PLANNED OFFICE RESEARCH PARK OVERLAY		

City of Avon Subject Zoning



10 RENEWYN VILLAGE HOMEOWN  
PLAT VOL. 94 PGS. 12, 13  
08-28-2008

FOUND  
5/8" I.R.  
(BENT)

LOT 8

NORTH LONG ROAD  
(80' PUBLIC R/W)

R/W

40'

C/L

40'

R/W

LOT 7

FOUND  
5/8" I.R.C.  
I.D. 8284 (-2")

FOUND  
5/8" I.R.C.  
I.D. 8284 (-4")

LOT 18  
8415 S.F.  
0.1932 AC.

LOT 15  
9666 S.F.  
0.2219 AC.

LOT 17  
9932 S.F.  
0.2280 AC.

LOT 16  
11002 S.F.  
0.2526 AC.

20' ETL2 EASEMENT

S 04°23'46" W 141.39'  
3' R.Y.

N 04°23'46" E 66.18'  
3' R.Y.

S 89°50'01" E 125.93'

S 89°50'01" E 145.54'

N 89°50'01" W 129.70'

N 89°50'01" W 146.68'

S 89°50'01" E 129.70'

S 89°50'01" E 146.68'

50' B.L.

EX. 12' U.E.

S 00°15'00" W 75.01'

S 00°15'00" W

N 00°15'00" E 75.01'

EX. 12' U.E.

50' B.L.

S 89°50'01" E  
40.00' C.

N 89°50'01" W  
40.00' C.

N 89°50'01" W 146.68'

SOUTH LINE SECTION 3

NORTH LINE SECTION 2

CALC. POINT

SET I.R.C.

CALC. POINT

EXISTING DITCH

CALC. POINT

CALC. POINT

D.H. SET

CALC. POINT

CALC. POINT

D.H. SET

CALC. POINT

CALC. POINT

SET I.R.C.

CALC. POINT

EXISTING DITCH

S 89°44'45" E  
40.00' C.

N 89°44'45" W  
40.00' C.

S 89°44'45" E  
40.00' C.

N 89°44'45" W  
40.00' C.

L: 38.72' R: 740.00' T: 19.37'  
CH: S 01°44'52" W 38.72'  
DELTA: 2°59'54"

C/L CURVE  
L: 38.77' R: 700.00' T: 19.39'  
CH: S 01°50'12" W 38.76'  
DELTA: 3°10'24"

L: 38.85' R: 660.00' T: 19.43'  
CH: S 01°56'06" W 38.84'  
DELTA: 3°22'20"

D.H. SET

102.25' M.

N 00°15'00" E 27.17'

AVON LAKE BOARD OF MUNICIPAL UTILITIES  
**POLICY**

**CONTRACT CONTINGENCIES**

The Avon Lake Board of Municipal Utilities believes strongly in effective and efficient operations in order to make best use of time and reduce unnecessary expenses for customers. One way the Board enables efficiency is to grant the CUE a limited amount of contingency in contract approvals. At the CUE's request, a certain dollar value or percentage of contingency may be granted for use at the CUE's discretion for estimated quantities completed at unit values and/or for out of scope items that the CUE also deems relevant to the contract. Should the CUE use money associated with the contingency, it should be presented as an information item during a subsequent Board meeting.

**Policy No.**

Passed:  
Effective: