

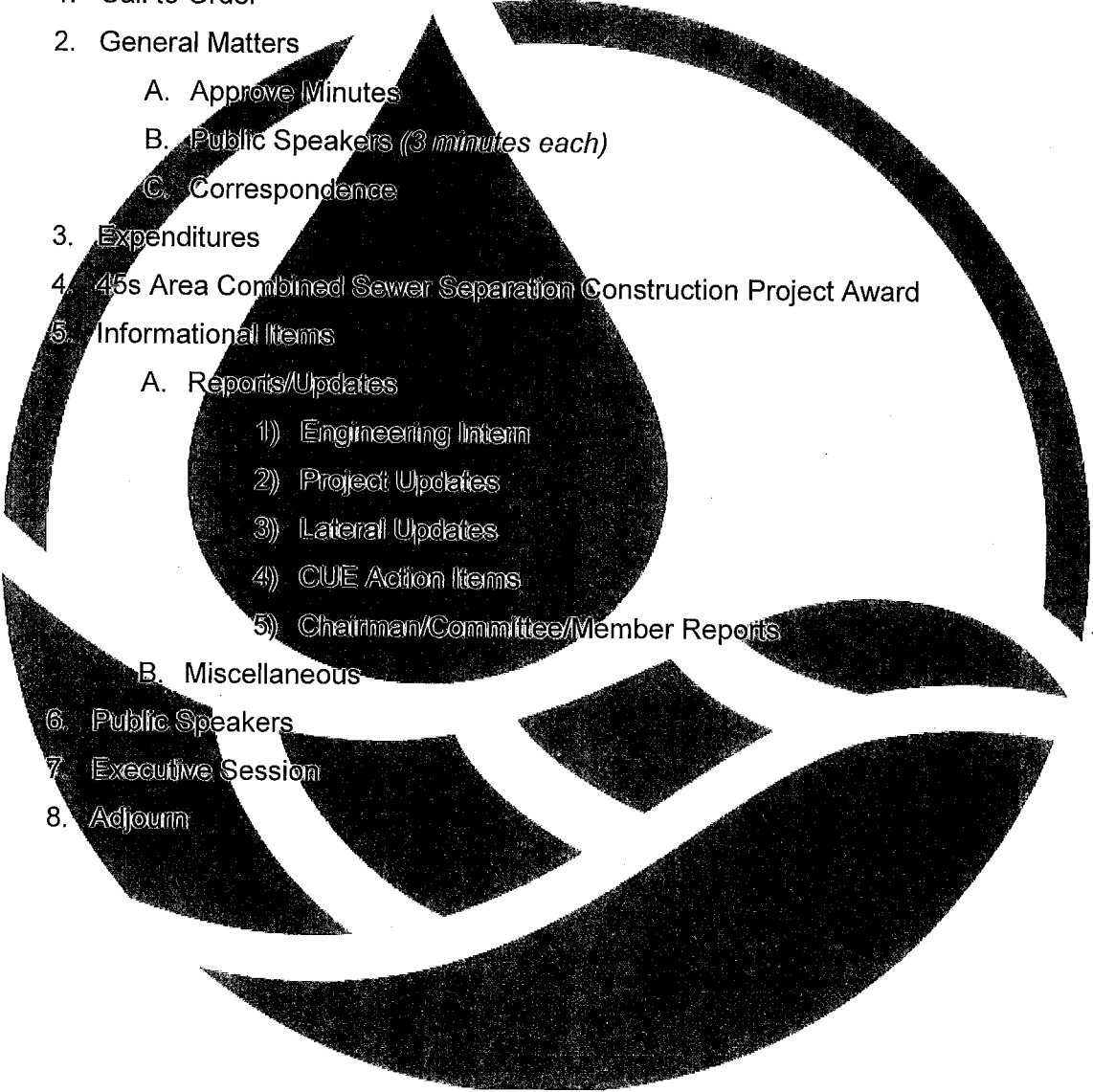
Avon Lake Board of Municipal Utilities

AGENDA

For

Tuesday

September 5, 2017

1. Call to Order
 2. General Matters
 - A. Approve Minutes
 - B. Public Speakers (*3 minutes each*)
 - C. Correspondence
 3. Expenditures
 4. 45s Area Combined Sewer Separation Construction Project Award
 5. Informational Items
 - A. Reports/Updates
 - 1) Engineering Intern
 - 2) Project Updates
 - 3) Lateral Updates
 - 4) CUE Action Items
 - 5) Chairman/Committee/Member Reports
 - B. Miscellaneous
 6. Public Speakers
 7. Executive Session
 8. Adjourn
- 

Avon Lake Regional Water
MEMORANDUM

To: **Board of Municipal Utilities**

From: **Todd Danielson & Steve Baytos**

Subject: **Agenda Items – September 5, 2017**

Date: **September 1, 2017**

Item 2C: Correspondence – TAD

Within the past week, the CUE received a letter from a landlord stating similar concerns to those that Member Rickey stated were recently brought up to him regarding the lateral loan program. (Other landlords had commented on it previously.) Board members may be interested to know that Muni-Link approached staff recently and informed us of a potential solution to the issue we are experiencing. We are working both with Muni-Link and the Law Director to see if we can find a workable solution.

Item 4: 45s Area Combined Sewer Separation Construction Project Award – TAD

Bids were opened for the 45s Area Combined Sewer Separation Project on Monday, August 28, 2017. As per the attached information compiled by our Engineering Services Manager, two contractors submitted bids. Underground Utilities Incorporated (UUI) of Monroeville, Ohio, submitted the low bid of \$16,583,316.65, which was approximately 16% below the engineer's estimate and much lower than the other contractor's bid of \$26,633,127.75. UUI is performing the Fairfield-Brookfield Combined Sewer Separation and recently performed the Mull-Norman Sewer Rehabilitation, the Moorewood Area Combined Sewer Separation, the Belmar Area Combined Sewer Separation, and others. Having completed the pre-award meeting, staff believes UUI's bid is responsive and UUI is responsible.

As with all sewer separations, this is a joint project between Avon Lake Regional Water and the City of Avon Lake. The project bid is broken into four components. Avon Lake Regional Water is responsible for Part A (water), Part B (sanitary) and a portion of Part D (roadway). The City is responsible for Part C (storm) and the remainder of Part D (roadway). Because this is a unit price contract, the final amount will be different than the bid price. As bid, Avon Lake Regional Water's share of the project is approximately \$10 million, and the City's share is approximately \$6.5 million. This further breaks down with \$4 million of Avon Lake Regional Water's share repaid through water funds and \$6 million paid through wastewater funds.

Previously, the Board authorized the CUE to apply for a loan through Ohio EPA's WPCLF. With the Board's authorization for the CUE to execute the loan, the City and Avon Lake will receive a 0%-interest rate for \$3.5 million of the approximately \$19 million loan. That will lead to a blended rate in the 1.6% to 1.7% range for the 30-year loan.

Water Quality Enhancement is one of the Board's Strategic Initiatives, and combined sewer separations is a stated goal. The Principles that would help guide the Board are:

- ◆ Maintain existing assets, while investing in infrastructure that will take us into the future.

- ◆ Exercise fiduciary responsibility.

Recommended Motion:

I move to award the 45s Area Combined Sewer Separation Project to Underground Utilities Incorporated of Monroeville, Ohio for a total price of \$16,583,316.65 based upon current bid quantities.

Furthermore, I authorize the CUE to enter into a Water Pollution Control Loan Fund Agreement and designate user fees and revenues as the repayment source for the loan.

Item 5A1: Engineering Intern – TAD

The CUE has authorized the Engineering Services Manager to hire an engineering intern, Jarod Larson, to work approximately 10 hours/week during school and more during breaks.

Item 5A2: Project Updates – SCB

Water Tower: Internal bowl painting is ongoing, the pump room has been built, and the water main from road to the tower base is complete and tested.

Water Plant: Continuing completion of last items.

Corrosion Control: About half of the system has been flushed. The new orthophosphate building is in place and piping is connected. Programming should be completed soon, and phosphate is scheduled to be delivered during the week of September 7, 2017.

Wastewater Plant: The contractor should be turning the administration building back over to Avon Lake Regional Water in September. Final clarifiers 3 and 4, alum thickener, and the east aeration tank should also be turned back over to Avon Lake Regional Water in September. The screw presses have been delivered, the temporary press is operational, and the current press will begin being dismantled within the next few weeks.

Item 5A3: Lateral Updates – TAD

As of August 7, 2017, all Resolution of Necessity letters for homes with the February 1, 2018, deadline have been sent. Staff is preparing to send Resolution of Necessity letters to all homes with the February 1, 2019, deadline.

The lateral separation program continues to progress. As of September 1, 2017, letters have been sent to 2,976 residents indicating that they may have clean water entering their sanitary lateral and requesting Avon Lake Regional Water be contacted to determine whether this may be the case. To date, 2,398 (81%) have responded (up 41 since 8/11/17). Of the 2,398, 1,705 either have separated laterals or already had separated laterals and 693 either have problems or are believed to have problems. By extrapolation, approximately 1,120 (693 + ~74% of homes not inspected) may need to separate laterals.

As of September 1, 2017, 413 of the homes with the February 1, 2018, deadline have yet to respond and have their free inspection. It is anticipated, approximately 286 of these homes will need to separate, along with the 461 homes we know need to separate. Therefore, about 750 need to separate to comply with the February 2018 deadline.

Since the last Board meeting, 29 additional agreements for the Lateral Loan Program have been executed, bringing the total to 174, with \$569,955 committed and \$171,990 paid so far.

The average loan request is for approximately \$3,300. Customers began repaying loans following the December 2016 billing. Through the June 2017 billing, \$2,876 has been repaid.

Item 7A4: CUE Action Items – TAD

Below are responses to questions asked by the Board:

Lawn mowing: Members asked if there was a security reason why staff performed some of the mowing, rather than contracting it out. Staff has no specific security concerns with contracting mowing of locations over and above other contractors having access to sites. However, with summer help, mowing has generally been more cost-effective to perform in-house.

Summer employees: A total of twelve summer employees worked for Avon Lake Regional Water this past summer. Staff is confirming with the Finance Director whether the summer help working for the Fire Department painting hydrants will be charged to our budget, as we had indicated it could be.

Storz connections: A number of years ago, hydrant standards changed, and Storz connections became preferred. They are “quick-connects” for connecting hoses to hydrants. With each water line replacement or hydrant replacement, Avon Lake Regional Water is installing hydrants with Storz connections. In the past six years, hundreds of hydrants have been replaced with hydrants having Storz connections. Additionally, a number of years ago, we suggested the Fire Department use some of our budgeted hydrant repair costs to purchase connections to retrofit on existing hydrants. The retrofit Storz connections cost on the order of \$250 each and were eventually installed on high-priority hydrants within the City.

CDM Smith CAIRE expenses: Last year, the Board authorized a \$2.3 million agreement with CDM Smith for Construction Administration / Resident Project Representative Services. To date, approximately \$760,000 has been expended.

Comparison of chemical bid prices between 2017 and 2016:

Description	Awarded Bid Amount		% Difference
	2016-2017	2017-2018	
Alum	\$262.97	\$280.87	6.81%
Lime	\$147.63	\$148.36	0.49%
Sodium Silicofluoride	\$876.77	\$876.00	-0.09%
Chlorine	\$475.00	\$600.00	26.32%
Potassium Permanganate	\$6,400.00	\$6,358.00	-0.66%
Dry Polymer	\$2,940.00	\$3,100.00	5.44%
Liquid Polymer	\$1,740.00	\$1,960.00	12.64%
Ferric Chloride	\$432.00	N/A	N/A
Ferrous Chloride	\$0.24	\$0.48	99.17%
Carbon	\$1,760.00	\$1,585.00	-9.94%
Liquid Orthophosphate	\$488.00	\$488.00	0.00%

Other: Other questions were asked about electrical cost savings, trunk fees, and building permits. The CUE has not yet had the opportunity to investigate these.

Item 7: Executive Session – TAD

The CUE requests to meet with the Board to discuss collective bargaining and legal matters.

Recommended Motion:

I move to meet in Executive Session as allowed by ORC 121.22 (G)(4) to discuss collective bargaining and by ORC 121.22 (G)(3) to discuss legal matters and to include the Chief Utilities Executive, the Community Outreach Specialist, and the Wastewater Manager in the discussion.

Board of Municipal Utilities
Work Session Minutes
August 15, 2017
201 Miller Road
Avon Lake, Ohio

Call to Order – Roll Call

The meeting was called to order at 6:00 PM.

Present: Mr. Dzwonczyk, Mr. Phillips, Mr. Rush, Mr. Rickey, and Mrs. Schnabel.

Also present: Chief Utilities Executive Danielson, WPCO Manager Baytos, Community Outreach Specialist Arnold, Mayor Zilka, Attorney Bruce Rinker, Attorney Dennis O'Toole, Attorney Matt Dooley, and Westlake's City Engineer Kelly and Law Director Wheeler.

After introducing Effective Utility Management at the June 20, 2017 work session, the CUE requested members individually complete a self-assessment of utility operations. The CUE presented tables and charts showing how individual members felt the utility was performing in ten key areas and then compared the Board's assessment with staff's assessment. Members overwhelmingly felt that product quality deserves the most attention and that the organization was doing well with it and financial viability was the second-most-important area, for which the organization was performing fairly well. Members felt that there should be more emphasis placed on employee development and, while noting improvements, felt the organization could continue making efforts toward improved enterprise resiliency.

The CUE noted that the current strategic plan (2015 – 2018) aligns with the priorities expressed by the Board and that he is working with Member Schnabel to develop a training program that will help with employee development.

The work session adjourns at 6:25 PM.

Approved September 5, 2017

John G. Dzwonczyk, Chairman

Todd A. Danielson, Clerk

Board of Municipal Utilities
Regular Meeting Minutes
August 15, 2017
201 Miller Road
Avon Lake, Ohio

Call to Order – Roll Call

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

Present: Mr. Dzwonczyk, Mr. Phillips, Mr. Rush, Mr. Rickey, and Mrs. Schnabel.

Also present: Chief Utilities Executive Danielson, WPCC Manager Baytos, Community Outreach Specialist Arnold, Mayor Zilka, Attorney Bruce Rinker, Attorney Dennis O'Toole, Attorney Matt Dooley David Marquard, and Westlake's Mayor Clough, City Engineer Kelly, and Law Director Wheeler.

Approve Minutes

Chairman Dzwonczyk presented the minutes of the July 11, 2017, regular meeting and with no changes, additions or corrections noted, ordered that the minutes stand and be distributed as presented.

Public Speakers

Westlake Mayor Dennis Clough, City Engineer Robert Kelly, Law Director John Wheeler, and Attorney Dennis O'Toole were present to update and reaffirm their City's interest in purchasing water from Avon Lake Regional Water. Attorney O'Toole introduced himself as Special Counsel to the City of Westlake in the Cleveland Water/Westlake dispute, briefed the Board on litigation thus far, and advised that Westlake prevailed in trial on all accounts regarding the City's ability to seek and enter into agreement with an alternate water supplier. Mayor Clough said that Westlake is still very much interested in pursuing the opportunity to purchase water from Avon Lake Regional Water, however talks were halted due to Cleveland's pending legal actions. Mayor Clough further explained that by Westlake's City Charter, they cannot commit to Avon Lake Regional Water as their exclusive water source, but that their intent is to establish themselves as a significant bulk customer through Agreement as an alternate source. That interest was formalized in writing as a letter presented to Chairman Dzwonczyk and CUE Danielson. Former Board Chairman David Marquard explained that the Board recognized the value of a Westlake/Avon Lake alliance ten years ago when it was originally discussed, and said he believes such opportunities essential for Avon Lake Regional Water's growth and their customers' benefit. City Engineer Kelly offered that customer service issues with the City of Cleveland prompted Westlake's original discussions with Avon Lake; and said that although Cleveland's customer relations have improved, Westlake still believes an agreement with Avon Lake Regional Water would better serve their customers and community. Thank yous were exchanged by all and the Westlake group then left the meeting at 6:25 PM.

Correspondence

CUE Danielson advised that five additional meter change-out billing errors were discovered since the Board's last meeting and the affected customers then notified by letter.

Expenditures

Following review of expenses dated July 18, 2017, for funds and amounts as follows, Mr. Phillips moved, Mr. Rush seconded, that all be approved and paid per budget:

Water Fund 701	\$	211,987.91
Wastewater Fund 721	\$	124,210.59
MOR Fund 703 ETL1	\$	234,589.47
MOR Fund 762 ETL2	\$	347,958.67
LORCO Fund 749	\$	22,551.32
Waterworks Construction Fund 704	\$	220,532.60

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel

Nays: None

Motion carried.

Following review of expenses dated August 1, 2017, for funds and amounts as follows, Mr. Dzwonczyk moved, Mr. Rush seconded, that all be approved and paid per budget:

Water Fund 701	\$	157,067.83
Wastewater Fund 721	\$	207,551.77
MOR Fund 703 ETL1	\$	24,700.94
MOR Fund 762 ETL2	\$	15,402.52
LORCO Fund 749	\$	3,365.10
Waterworks Construction Fund 704	\$	16,474.44
Wastewater Construction Fund 724	\$	72,277.92
Lateral Loan Fund 765	\$	8,000.00

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel

Nays: None

Motion carried.

Following review of expenses dated August 15, 2017 for funds and amounts as follows, Mr. Rush moved, Mr. Rickey seconded, that all be approved and paid per budget:

Water Fund 701	\$	105,659.31
Wastewater Fund 721	\$	56,722.72
MOR Fund 703 ETL1	\$	200,804.33
MOR Fund 762 ETL2	\$	665,687.14
LORCO Fund 749	\$	15,465.27
Waterworks Construction Fund 704	\$	344,931.10
Wastewater Construction Fund 724	\$	195,147.00
Lateral Loan Fund 765	\$	26,540.00

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel

Nays: None
Motion carried.

Property Purchase

Following the 2014 icing event, the Board instituted a number of safeties (an ice break/air burst system installed on an intake, additional clearwell capacity added, an elevated storage tank is under construction, and an agreement was executed between Elyria, Rural Lorain County Water Authority and Avon Lake Regional Water for additional emergency water supply) to limit potential events adversely affecting Avon Lake Regional Water customers' service. In order to effectuate the agreement for the additional water supply, construction of a booster pumping station is required. To that end, a parcel in Amherst Township was identified, negotiated, and staff now requests the Board's approval of that purchase. Because it is a land purchase, however, both Board and Council authorizations are required and information prepared for Council's consideration at their legislative meeting August 28, 2017, was provided. Mr. Rickey said that he compared the information presented with that of the County Auditor's and questioned the purchase price against market value. The Board discussed the perceived discrepancy at some length and conceded that although possibly high, the property is of value to Avon Lake Regional Water and was determined a "fair price" by a professional negotiator. Mrs. Schnabel then moved, Mr. Phillips seconded, to authorize the CUE to work with appropriate City representatives to purchase approximately 0.7498 acres of vacant land in Amherst Township comprising a portion of Lorain County Permanent Parcel Number 05-00-083-000-017 as described in the legal description for a price of \$40,000 to be used for construction of an emergency booster pumping station.

Ayes: Dzwonczyk, Phillips, Rush, Schnabel
Nays: Rickey
Motion carried.

Award Contracts -- Water Distribution System Supplies

Following review of the August 4, 2017, annual bid tabulations and staff's recommendations for awards, Mr. Rickey moved, Mr. Phillips seconded, that the annual Water Distribution System Supplies bids be awarded in accordance with the following:

Supplier: **Ferguson Waterworks**
Bid Items: 16
Total Contract: **\$50,217.70**

Supplier: **HD Supply**
Bid Items: 1,1A, 6, 7, 8, 10, 10A, 10B, 10C, 10E, 10F, 10G, 10H, 10J, 10L, 10M, 10N, 11, 11A, 11B, 11C, 11D, 11E, 11F, 11G, 11H, 11I, 11J, 11K, 11L, 11M, 11N, 11O, 11P, 11Q, 11R, 11S, 11T, 11U, 11V, 11W, 11X, 11Y, 12, 12A, 12B, 12C, 12D, 13, 13A, 13B, 14, 14A, 18
Total Contract: **\$73,676.79**

Supplier: **Trumbull**
Bid Items: 2, 2B, 2D, 2E, 3, 3A, 3B, 3C, 4, 4A, 4B, 5A, 5B, 5C, 5D, 5G, 5J, 5K, 5L, 9, 9A, 9B, 15, 15A, 15B, 16A

Total Contract: **\$79,634.42**

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel
Nays: None
Motion carried.

Award Contracts – Chemicals

Bid tabulations dated August 4, 2017 were presented and following their review, Mrs. Schnabel moved, Mr. Rickey seconded, that the annual Chemical Supplies bids be awarded in accordance with the following:

<u>Supplier</u>	<u>Chemical</u>	<u>Contract Award</u>
USALCO	Alum	\$337,044.00
Mississippi Lime	Lime	\$3,709.00
Bonded Chemical	Sodium Silicofluoride	\$70,080.00
JCI Jones	Chlorine	\$54,000.00
Bonded Chemical	Potassium Permanganate	\$38,148.00
SNF Polydyne	Dry Polymer	\$31,000.00
SNF Polydyne	Liquid Polymer	\$7,840.00
PVS	Ferrous Chloride	\$37,405.00
Bonded Chemical	Carbon	\$190,200.00
Sal Chemical	Liquid Orthophosphate	\$29,280.00

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel
Nays: None
Motion carried.

WPCC Manager Baytos noted an error in the lime quantity on the tabulation form which transferred into a reduction of the total contract amount. To correct that oversight, Mrs. Schnabel moved, Mr. Rickey seconded, that the contract for Lime be amended and awarded to Mississippi Lime for a total quantity of 250 tons at \$148.36/ton..

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel
Nays: None
Motion carried.

Revision to Regulations

At the last meeting, the CUE informed the Board about a potential issue where, due to specific words used in Avon Lake Regional Water Regulations, there may be conflict with intent and the way wording could be interpreted. The potential conflict relates to the definition of "Unimproved Land" or "Unimproved Real Property". The intent related to water using/wastewater generating improvements. However, the improvement process could be interpreted more broadly. The CUE worked with the Law Director regarding potential changes, and he indicated the revisions proposed would meet the intent regarding the imposition of fees. After some discussion and with the understanding that this revision cannot be retroactive, Mr. Dzwonczyk moved, Mr. Rush seconded, to approve the proposed revisions to Avon Lake Regional Water Regulations.

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel
Nays: None
Motion carried.

Reports/Updates

Employee Development and Continuous Improvement

On August 10, 2017, Mrs. Schnabel and the CUE met with Tri-C to discuss their initial proposal. The discussion led to improved ideas about first focusing on a specific department to help with employee development and to begin drafting SOPs. A revised proposal is expected soon, but in the interim, the CUE plans to meet with LCCC to discuss their ideas for comparison and assurance.

CUO Search

The CUE and Community Outreach Specialist have conducted an initial investigation of search firms and their capabilities, have received one proposal, and should receive a second proposal within the next week. The CUE and Mr. Rush will then review the proposals and select the best firm to begin the search.

Lateral Updates

An additional 301 Resolution of Necessity letters have been sent since the last update, bringing the total to 936 out of 1296 (72%). Those letters resulted in an additional 65 more inspections and 29 loan applications.

Lateral Loan Program

The Sanitary Lateral Separation Project compliance and outstandings and Lateral Loan Program numbers were updated by copy of this meeting's write-up. Mr. Rickey said that he was contacted by another landlord questioning the Program's "responsible party" references and requesting that the credit applicable to their rental property be transferred to their residence. The Board briefly reviewed their original discussion regarding such situations and concurred that due to the complexities of the transactions they stand by their decision that the loans and credits stay with the service property.

Chairman/Committee/Member Reports

Mr. Rickey reported on the August 10, 2017, LORCO Board meeting advising that an FPA swap between Elyria and LORCO is being considered and potential tie-ins for Eaton Estates and Brentwood Village are being discussed, and the Cinnamon Lakes agreement in Ashland County is proceeding.

CUE Action Items

- ◆ *Cleveland Water Alliance Presentation:* As per the Board's request, Cleveland Water Alliance is planning to make a presentation to the Board at a work session in mid-September regarding their organization and the potential benefits that may be realized by Avon Lake Regional Water.
- ◆ *Publish story about low-interest loans:* The July 26, 2017, issue of *The Press* had a piece about lateral separations and the low-interest loans.
- ◆ *Accounting for Lateral Loan Program:* Now that the loan has been awarded by the state, staff is preparing to submit to OEPA/OWDA the first payment request.

Some sort of graph and/or table will be established to help keep track of the money.

- ◆ *Lateral separation video:* We are working on ideas for a lateral separation video now and hope to be able to create one in the upcoming weeks.
- ◆ *Flushing video:* Flushing is intended to begin the week of August 14, 2017. Before creating a video, we want to see how the initial days proceed and what type of disturbances there may be. This will allow us to tailor the video and make it relevant to customers.

Executive Session

Mr. Rush moved, Mr. Rickey seconded, to meet in Executive Session as allowed by ORC 121.22 (G)(4) to discuss collective bargaining and by ORC 121.22 (G)(3) to discuss legal matters and to include the Chief Utilities Executive, the Wastewater Manager, and Bruce Rinker or Mansour Gavin as legal counsel in the discussion.

Ayes per roll call vote: Dzwonczyk, Phillips, Rickey, Rush, Schnabel
Nays: None
Motion carried.

The Board reconvened at 9:41 PM.

Adjourn

As there was no further business, Mr. Rush moved, Mrs. Schnabel seconded, that the meeting adjourn at 9:41 PM.

Ayes: Dzwonczyk, Phillips, Rickey, Rush, Schnabel
Nays: None
Motion carried.

Approved September 5, 2017

John G. Dzwonczyk, Chairman

Todd A. Danielson, Clerk

Avon Lake Regional Water
WATER FUND 701 EXPENSES
 September 5, 2017

Name	Amount	Memo	Account
1 Water Employees	\$ 67,212.30	Salaries P/R #17.072417-080617	701.180.000-51102-Salaries
2 Water Employees	\$ 67,183.72	Salaries P/R #18.080717-082017	701.180.000-51102-Salaries
3 Water Employees	\$ 4,151.70	PartTime P/R #17.072417-080617	701.180.000-51105-PartTime
4 Board of Municipal Utilities	\$ 1,541.67	Board Salaries - August 2017	701.180.000-51105-PartTime
5 Water Employees	\$ 5,095.25	PartTime P/R #18.080717-082017	701.180.000-51105-PartTime
6 Water Employees	\$ 2,723.46	OT-Plant.P/R #17.072417-080617	701.180.000-51106.101-OT Plant
7 Water Employees	\$ 2,884.93	OT-Plant P/R #18.080717-082017	701.180.000-51106.101-OT Plant
8 Water Employees	\$ 1,273.73	OT-Distrib.P/R #17.072417-080617	701.180.000-51106.102-OT Dist
9 Water Employees	\$ 2,548.07	OT-Distrib P/R #18.080717-082017	701.180.000-51106.102-OT Dist
10 Water Employees	\$ 3,184.58	OT-Admin.P/R #17.072417-080617	701.180.000-51106.103-OT Admin
11 Water Employees	\$ 622.12	OT-Admin P/R #18.080717-082017	701.180.000-51106.103-OT Admin
12 Water Employees	\$ 126.00	OT-Const.P/R #17.072417-080617	701.180.000-51106.104-OT Constr
13 Water Employees	\$ 408.00	OT-Const P/R #18.080717-082017	701.180.000-51106.104-OT Constr
14 Water Employees	\$ 688.99	OT-Office.P/R #17.072417-080617	701.180.000-51106.105-OT-Office
15 Water Employees	\$ 148.20	OT-Office P/R #18.080717-082017	701.180.000-51106.105-OT-Office
16 Water Employees	\$ 2,131.68	Vacation Cash In.P/R #17.072417-080617	701.180.000-52115-Retirement
17 Medical Mutual	\$ 30,878.68	Hopitalization - September 2017	701.180.000-52203-Hospital
18 Medical Mutual	\$ 1,009.36	Medical Mutual Payment 08/08/17	701.180.000-52203-Hospital
19 Medical Mutual	\$ 688.27	Medical Mutual Payment 08/15/17	701.180.000-52203-Hospital
20 Medical Mutual	\$ (2,108.85)	Med Mutual Emp Contribution P/R #17	701.180.000-52203-Hospital
21 Medical Mutual	\$ 715.95	Medical Mutual Payment 08/22/17	701.180.000-52203-Hospital
22 Medical Mutual	\$ 729.58	Medical Mutual Payment 08/29/17	701.180.000-52203-Hospital
23 Medical Mutual	\$ 247.62	Group Life - September 2017	701.180.000-52204 Group Life
24 Medical Mutual	\$ 1,591.85	Dental/Vision - September 2017	701.180.000-52205-Dental/Vis
25 Medical Mutual	\$ 8,223.67	Prescription Drug - September 2017	701.180.000-52207-Presc Drug
26 PERS	\$ 23,070.68	PERS - July 2017 Wages	701.180.000-52209-OPERS
27 Medicare	\$ 1,035.38	Medicare P/R #17.08/16/17	701.180.000-52212-Medicare
28 Cintas Corporation	\$ 188.57	1/2-Employee Uniform Rental-June 2017-RK	701.180.000-52226-Clothing
29 Cintas Corporation	\$ 210.72	1/2-Employee Uniform Rental-July 2017-RK	701.180.000-52226-Clothing
30 Rockmont	\$ 499.36	1/2-Employee Clothing-CMA	701.180.000-52226-Clothing
31 Farch, Cynthia	\$ 10.00	1 Employee Meal Allowance-LS	701.180.000-52227-Meal Allow
32 Ester, Les	\$ 10.00	1 Employee Meal Allowance-LS	701.180.000-52227-Meal Allow
33 Mosher, Gregory	\$ 20.00	2 Employee Meal Allowances-LS	701.180.000-52227-Meal Allow
34 Simon, Bill	\$ 10.00	1 Employee Meal Allowance-LS	701.180.000-52227-Meal Allow
35 Wohl, Michael	\$ 10.00	1 Employee Meal Allowance-LS	701.180.000-52227-Meal Allow
36 Huntington National Bank	\$ 770.00	Registration Fees-GY	701.180.000-53500-Edu/Training
37 FriendsOffice	\$ 388.54	1/2-Office Supplies-MW/KK	701.180.000-53602-Office Supply
38 Headsets.com	\$ 175.95	1/2-Headsets for Office Staff-SB	701.180.000-53602-Office Supply
39 MailFinance	\$ 243.16	1/2-Quarterly Meter Charges.091117-121017-LS	701.180.000-53602-Office Supply
40 Neofunds by Neopost	\$ 500.00	1/2-Postage for Meter-LS	701.180.000-53602-Office Supply
41 Fuelman	\$ 592.11	1/2-Fuel for Vehicles.073117-081317	701.180.000-53604-Gasoline/Oil
42 Huntington National Bank	\$ 38.31	Fuel for Vehicle-RRE	701.180.000-53604-Gasoline/Oil
43 Fuelman	\$ 561.90	1/2-Fuel for Vehicles.081417-082717-LS	701.180.000-53604-Gasoline/Oil
44 Jack Doheny Companies	\$ 240.00	1/2-Equipment Maintenance-RK	701.180.000-53607-Equip Maint
45 Mussun Sales	\$ 2,353.00	1/2-Controller-Gas Protection System-GY	701.180.000-53607-Equip Maint
46 Cabot Corporation	\$ 34,883.20	19.82 Tons Carbon-GY	701.180.000-53611-Op.Supplies
47 JCI, Jones Chemicals Inc.	\$ 2,850.00	6 Tons Chlorine for Wa Plant-GY	701.180.000-53611-Op.Supplies
48 Sal Chemical	\$ 9,644.47	Sodium Silocofluoride-GY	701.180.000-53611-Op.Supplies
49 USALCO	\$ 19,044.50	123.90 Tons Alum-GY	701.180.000-53611-Op.Supplies
50 Lowe's	\$ 707.05	Maintenance Supplies-TAD	701.180.000-53612.001-Plants
51 ABC Equipment	\$ 220.33	Maintenance Supplies-RK	701.180.000-53612.001-Plants
52 Active Plumbing Supply	\$ 344.63	1/2-Maintenance Supplies-RK	701.180.000-53612.001-Plants
53 Brohl & Appell	\$ 242.24	Ethernet Ports & Adapters-GY	701.180.000-53612.001-Plants
54 Chemsearch	\$ 233.25	Maintenance Supplies-GY	701.180.000-53612.001-Plants
55 Discount Drug Mart	\$ 86.11	Maintenance Supplies	701.180.000-53612.001-Plants
56 Grainger	\$ 101.25	Maintenance Supplies-GY	701.180.000-53612.001-Plants
57 Indy Equipment and Supply LLC	\$ 167.97	1/2-Maintenance Supplies-RK	701.180.000-53612.001-Plants
58 Pollardwater	\$ 1,265.57	1/2-Maintenance Supplies-RK	701.180.000-53612.001-Plants

Avon Lake Regional Water
WATER FUND 701 EXPENSES
 September 5, 2017

59 Rex Pipe and Supply Company	\$ 42.35	1/2-Maintenance Supplies-RK	701.180.000-53612.001-Plants
60 Roberts Surveying Supplies	\$ 150.00	1/2-Maintenance Supplies-JRG	701.180.000-53612.001-Plants
61 Titan Supply Company	\$ 1,005.56	1/2-Maintenance Supplies-RK	701.180.000-53612.001-Plants
62 HD Supply Waterworks	\$ 4,186.86	Water Distribution Supplies-RK	701.180.000-53612.002-Lines
63 Rock Pile	\$ 240.00	Topsoil from WaterBreaks Repairs-RK	701.180.000-53612.002-Lines
64 Corpro Companies, Inc.	\$ 2,050.00	Water Tank Inspectiions-TAD	701.180.000-53612.004-Other
65 Maintenance Systems of N. Ohio	\$ 2,326.00	Asphalt Repairs from Wa Breaks-RK	701.180.000-53612.004-Other
66 Sherwin-Williams Co.	\$ 170.06	Paint/Supplies for Fire Hydrans-LS	701.180.000-53612.004-Other
67 SiteOne Landscape Supply, LLC	\$ 173.11	GrassSeed-Repair Yards-WaBreaks-RK	701.180.000-53612.004-Other
68 Swift First Aid	\$ 26.75	1/2-SvcFirstAid Cabinets@201Miller-LS	701.180.000-53612.004-Other
69 Swift First Aid	\$ 101.55	SvcFirst Aid Cabinets@Wa Plant-LS	701.180.000-53612.004-Other
70 Alloway	\$ 110.00	Lab Samples-GY	701.180.000-53613-Lab Supplies
71 Hach Company	\$ 3,396.20	Lab Supplies for Water Plant-GY	701.180.000-53613-Lab Supplies
72 Scientific Methods, Inc.	\$ 375.00	Lab Sample Testing-GY	701.180.000-53613-Lab Supplies
73 USA BlueBook	\$ 1,538.13	Lab Supplies-GY	701.180.000-53613-Lab Supplies
74 U.S. Bank Equipment Finance	\$ 352.39	1/2-Lease Pmt-2 Ricoh Copiers-TAD	701.180.000-53701.001-Leases
75 Huntington National Bank	\$ 391.78	1/2-Camera,Breakfast/Lunch Mtgs,Prkg Fees-TAD	701.180.000-53701.002-Other
76 Huntington National Bank	\$ 185.13	1/2-Printer Ink,Misc Parts-RRE	701.180.000-53701.002-Other
77 Huntington National Bank	\$ 65.20	Lunch-Employees On WaBreak-RK	701.180.000-53701.002-Other
78 Huntington National Bank	\$ 1,883.90	1/2-NOI-45Pjt, Copies of Plans-JRG	701.180.000-53701.002-Other
79 Leak Seekers	\$ 575.00	Leak Detection Service-RK	701.180.000-53701.002-Other
80 Ginley, James F	\$ 3,500.00	Managment Consulting-TAD	701.180.000-53701.002-Other
81 Pro Oncall Technologies	\$ 80.00	1/2-Telephone Svc@201Miller-TAD	701.180.000-53701.002-Other
82 Solar Testing Laboratories, Inc.	\$ 464.00	Testing/Inspection@SIP.072417-080617-TAD	701.180.000-53701.002-Other
83 Treasurer, State of Ohio	\$ 250.00	Risk Mgmt Plan Progam Annual Fee-TAD	701.180.000-53701.002-Other
84 Columbia Gas of Ohio	\$ 118.55	GasSvc@WTP Garage.071917-081717-GY	701.180.000-53701.002-Other
85 Columbia Gas of Ohio	\$ 108.83	GasSvc@WA Plant.071917-081717-GY	701.180.000-53702.001-Plants
86 Columbia Gas of Ohio	\$ 28.25	GasSvc@WTP Lab.071917-081717-GY	701.180.000-53702.002-Bldgs
87 Columbia Gas of Ohio	\$ 35.23	GasSvc@WTP Aux.071917-081717-GY	701.180.000-53702.002-Bldgs
88 Columbia Gas of Ohio	\$ 28.25	GasSvc@WTP SIP.071917-081717-GY	701.180.000-53702.002-Bldgs
89 Columbia Gas of Ohio	\$ 123.42	GasSvc@201Miller.072717-082517-GY	701.180.000-53702.002-Bldgs
90 Engie Resources	\$ 2,717.18	Engie Resources Energy Chg-August 2017-TAD	701.180.000-53703-Elect Svc
91 Illuminating Company	\$ 3,852.44	Elect@WaPlant.061317-081017-GY	701.180.000-53703.001-Plants
92 Engie Resources	\$ 56,815.63	Elect@WaPlant.062117-081817-TAD	701.180.000-53703.001-Plants
93 Illuminating Company	\$ 8,140.46	Elect@WaPlant.072117-081817-GY	701.180.000-53703.001-Plants
94 Illuminating Company	\$ 685.20	Elect@201 Miller.071317-081017-TAD	701.180.000-53703.002-Bldgs
95 Engie Resources	\$ 11,323.17	Elect@WTP-SIP.071317-081017-TAD	701.180.000-53703.002-Bldgs
96 Engie Resources	\$ 6,892.37	Elect@WTP-SIP.071317-081017-TAD	701.180.000-53703.002-Bldgs
97 Engie Resources	\$ 697.67	Elect@201Miller.071317-081017-TAD	701.180.000-53703.002-Bldgs
98 Illuminating Company	\$ 8,235.73	Elect@SIP.Bldg.071317-081017-GY	701.180.000-53703.002-Bldgs
99 CenturyLink	\$ 696.60	TelephoneSvc@201Miller-July2017-TAD	701.180.000-53705-Communication
100 CenturyLink	\$ 567.30	Telephone Svc@WaPlant-July 2017-GY	701.180.000-53705-Communication
101 Spectrum Business	\$ 214.99	Internet Svc@WaPlant.073017-082917-GY	701.180.000-53705-Communication
102 Spectrum Business	\$ 135.00	1/2-InternetSvc@201Miller.081417-091317-TAD	701.180.000-53705-Communication
103 Advance Auto Parts	\$ 30.00	1/2-Misc Truck Parts-RK	701.180.000-53707-Mobile Maint
104 AutoZone	\$ 64.69	1/2-Misc Truck Parts-RK	701.180.000-53707-Mobile Maint
105 Ed Tomko Chrysler-Jeep, Inc.	\$ 5.20	1/2-Misc Truck Parts-RK	701.180.000-53707-Mobile Maint
106 Lawn Tech	\$ 420.00	Fertilize Lawn-WTP SIP.-GY	701.180.000-53708-Bldg Maint
107 Jani-King of Cleveland	\$ 322.50	1/2-Cleaning Svc@201Miller-Sept 2017-TAD	701.180.000-53708.001-Plants
108 Lawn Tech	\$ 114.45	Fertilize Lawn @Wa Plant-GY	701.180.000-53708.001-Plants
109 Lescher Tree Care & Land Clearing,	\$ 500.00	Remove Limb Damaged from Storm-GY	701.180.000-53708.001-Plants
110 Sherwin-Williams Co.	\$ 77.76	1/2-Paint & Supplies-RK	701.180.000-53708.001-Plants
111 Speed Exterminating Company	\$ 30.00	1/2-Exterminating Svc@201Miller-Aug.2017-TAD	701.180.000-53708.001-Plants
112 Valley Ford Truck, Inc.	\$ 14,922.84	1/2-2017 Ford Explorer-RK	701.180.000-53804-New Equipment
113 Arnold, Cheryl	\$ 116.60	Reimbursement for Expense/Mileage-LS	701.180.000-53901-Refunds
114 Arnold, Cheryl	\$ 20.97	Reimbursement for Expenses-LS	701.180.000-53901-Refunds
115 Cherni, Ron	\$ 27.04	Refund Overpmt on Acct #00142880-0-LS	701.180.000-53901-Refunds
116 Newberry, Don	\$ 100.00	Refund Overpmt of Permit Fee-LS	701.180.000-53901-Refunds
117 Reynolds, Julie	\$ 51.98	Refund Overpmt on Acct #00311850-2-LS	701.180.000-53901-Refunds
118 Huntington National Bank	\$ 78.11	Charge for Deposit Slips	701.180.000-53907.001-Bank Fees
	\$ 446,556.16		

Avon Lake Regional Water
WASTEWATER FUND 721 EXPENSES
September 5, 2017

Name	Amount	Memo	Account
1 Wastewater Employees	\$ 35,272.01	Salaries.P/R #17.072417-080617	721.190.000-51102-Salaries
2 Wastewater Employees	\$ 35,272.00	Salaries P/R #18.080717-082017	721.190.000-51102-Salaries
3 Wastewater Employees	\$ 5,991.75	PartTime.P/R #17.072417-080617	721.190.000-51105-PartTime
4 Board of Municipal Utilities	\$ 1,541.66	Board Salaries - August 2017	721.190.000-51105-PartTime
5 Wastewater Employees	\$ 4,781.50	PartTime P/R #18.080717-082017	721.190.000-51105-PartTime
6 Wastewater Employees	\$ 1,206.20	OT-Plant.P/R #17.072417-080617	721.190.000-51106.101-OT Plant
7 Wastewater Employees	\$ 1,872.97	OT-Plant P/R #18.080717-082017	721.190.000-51106.101-OT Plant
8 Wastewater Employees	\$ 1,452.57	OT-Distrib.P/R #17.072417-080617	721.190.000-51106.102-OT Distr
9 Wastewater Employees	\$ 2,015.28	T-Distrib P/R #18.080717-082017	721.190.000-51106.102-OT Distr
10 Wastewater Employees	\$ 594.00	OT-Admin.P/R #17.072417-080617	721.190.000-51106.103-OT Admin
11 Wastewater Employees	\$ 693.00	OT-Admin P/R #18.080717-082017	721.190.000-51106.103-OT Admin
12 Wastewater Employees	\$ 301.88	OT-Constr.P/R #17.072417-080617	721.190.000-51106.104-OT Constr
13 Wastewater Employees	\$ 301.88	OT-Const P/R #18.080717-082017	721.190.000-51106.104-OT Constr
14 Medical Mutual	\$ 21,903.66	Hospitalization - September 2017	721.190.000-52203-Hospital
15 Medical Mutual	\$ 1,028.56	Medical Mutual Payment 08/08/17	721.190.000-52203-Hospital
16 Medical Mutual	\$ 701.37	Medical Mutual Payment 08/15/17	721.190.000-52203-Hospital
17 Medical Mutual	\$ (1,423.08)	Med Mutual Emp Contribution P/R #17	721.190.000-52203-Hospital
18 Medical Mutual	\$ 729.57	Medical Mutual Payment 08/22/17	721.190.000-52203-Hospital
19 Medical Mutual	\$ 743.45	Medical Mutual Payment 08/29/17	721.190.000-52203-Hospital
20 Dependent Healthcare	\$ 1,600.00	Dependent Healthcare-C.lhms-Jan-Aug.2017-LS	721.190.000-52203-Hospital
21 Dependent Healthcare	\$ 800.00	Dependent Healthcare-J.Stein-May-Aug.2017-LS	721.190.000-52203-Hospital
22 Medical Mutual	\$ 138.67	Group Life - September 2017	721.190.000-52204-Group Life
23 Medical Mutual	\$ 1,129.14	Dental/Vision - September 2017	721.190.000-52205-Dent/Vis
24 Medical Mutual	\$ 5,841.42	Prescription Drug - September 2017	721.190.000-52207-Presc Drug
25 PERS	\$ 15,235.65	PERS - July 2017 Wages	721.190.000-52209-OPERS
26 Medicare	\$ 619.64	Medicare P/R #17.08/16/17	721.190.000-52212-Medicare
27 Cintas Corporation	\$ 188.57	1/2-Employee Uniform Rental-June 2017-RK	721.190.000-52226-Clothing
28 Cintas Corporation	\$ 210.72	1/2-Employee Uniform Rental-July 2017-RK	721.190.000-52226-Clothing
29 Rockmont	\$ 499.36	1/2-Employee Clothing-CMA	721.190.000-52226-Clothing
30 Frankiewicz, Paul	\$ 10.00	1 Employee Meal Allowance-LS	721.190.000-52227-Meal Allow
31 Hall, Donald	\$ 10.00	1 Employee Meal Allowance-LS	721.190.000-52227-Meal Allow
32 Sisson, Adam	\$ 10.00	1 Employee Meal Allowance-LS	721.190.000-52227-Meal Allow
33 Fischer, Will	\$ 50.00	5 Employee Meal Allowances-LS	721.190.000-52227-Meal Allow
34 Sadowski, Dale	\$ 10.00	1 Employee Meal Allowance-LS	721.190.000-52227-Meal Allow
35 Fischer, Will	\$ 155.00	Wastewater Class III Exam Fee-LS	721.190.000-53500-Training
36 FedEx	\$ 185.05	Shipping Charges-LS	721.190.000-53602-Office Supply
37 FriendsOffice	\$ 388.53	1/2-Office Supplies-MW/KK	721.190.000-53602-Office Supply
38 Headsets.com	\$ 175.95	1/2-Headsets for Office Staff-SB	721.190.000-53602-Office Supply
39 MailFinance	\$ 243.16	1/2-Quarterly Meter Charges.091117-121017-LS	721.190.000-53602-Office Supply
40 Neofunds by Neopost	\$ 500.00	1/2-Postage for Meter-LS	721.190.000-53602-Office Supply
41 Fuelman	\$ 592.10	1/2-Fuel for Vehicles.073117-081317	721.190.000-53604-Gasoline/Oil
42 Great Lakes Petroleum	\$ 2,212.81	826.9 Gals. Diesel Fuel-SB	721.190.000-53604-Gasoline/Oil
43 Fuelman	\$ 561.90	1/2-Fuel for Vehicles.081417-082717-LS	721.190.000-53604-Gasoline/Oil
44 Jack Doheny Companies	\$ 240.00	1/2-Equipment Maintenance-RK	721.190.000-53607-Equip Maint
45 Mussun Sales	\$ 2,353.00	1/2-Controller-Gas Protection System-GY	721.190.000-53607-Equip Maint
46 Bonded Chemicals, Inc.	\$ 7,198.55	16.66 Tons Ferric Chloride-SB	721.190.000-53611-Op.Supplies
47 Mississippi Lime Company	\$ 9,746.53	66.02 Tons Lime-SB	721.190.000-53611-Op.Supplies
48 Polydyne Inc.	\$ 3,234.00	Polymer-SB	721.190.000-53611-Op.Supplies
49 Lowe's	\$ 1,137.71	Maintenance Supplies-TAD	721.190.000-53612.001-Plants
50 Huntington National Bank	\$ 45.55	Hardware-SB	721.190.000-53612.001-Plants
51 ABC Equipment	\$ 421.14	Maintenance Supplies-RK	721.190.000-53612.001-Plants
52 Active Plumbing Supply	\$ 344.63	1/2-Maintenance Supplies-RK	721.190.000-53612.001-Plants
53 Discount Drug Mart	\$ 66.53	Maintenance Supplies	721.190.000-53612.001-Plants
54 Indy Equipment and Supply LLC	\$ 167.96	1/2-Maintenance Supplies-RK	721.190.000-53612.001-Plants
55 McMaster-Carr Supply Company	\$ 1,250.97	Maintenance Supplies-SB	721.190.000-53612.001-Plants
56 Parker Supply LLC	\$ 447.58	Maintenance Supplies-SB	721.190.000-53612.001-Plants

Avon Lake Regional Water
WASTEWATER FUND 721 EXPENSES

September 5, 2017

57 Pollardwater	\$ 1,265.56	1/2-Maintenance Supplies-RK	721.190.000-53612.001-Plants
58 Rex Pipe and Supply Company	\$ 42.36	1/2-Maintenance Supplies-RK	721.190.000-53612.001-Plants
59 Roberts Surveying Supplies	\$ 150.00	1/2-Maintenance Supplies-JRG	721.190.000-53612.001-Plants
60 Titan Supply Company	\$ 1,005.56	1/2-Maintenance Supplies-RKs	721.190.000-53612.001-Plants
61 United Laboratories	\$ 702.10	Maintenance Supplies (Gloves)-SB	721.190.000-53612.001-Plants
62 USA BlueBook	\$ 344.14	Maintenance Supplies(Float)-SB	721.190.000-53612.001-Plants
63 Grainger	\$ 174.42	Maintenance Supplies-SB	721.190.000-53612.001-Plants
64 Swift First Aid	\$ 26.75	1/2-SvcFirstAid Cabinets@201Miller-LS	721.190.000-53612.004-Other
65 Swift First Aid	\$ 158.25	Svc First Aid Cabinets/Supplies@WPCC-LS	721.190.000-53612.004-Other
66 Hach Company	\$ 2,302.05	Lab Supplies for WPCC-SB	721.190.000-53613-Lab Supplies
67 Idexx Laboratories	\$ 14.77	Lab Supplies-SB	721.190.000-53613-Lab Supplies
68 Jones & Henry Laboratories, Inc.	\$ 320.00	Mercury Testing-SB	721.190.000-53613-Lab Supplies
69 North Coast Environmental Labs Inc.	\$ 38.00	Lab Samples-SB	721.190.000-53613-Lab Supplies
70 Huntington National Bank	\$ 1,621.74	Misc Charges-SB	721.190.000-53701.001-Lease
71 U.S. Bank Equipment Finance	\$ 352.40	1/2-Lease Pmt-2 Ricoh Copiers-TAD	721.190.000-53701.001-Lease
72 Illuminating Company	\$ 7,213.59	Elect@WPCC.071117-080817-SB	721.190.000-53701.001-Lease
73 Huntington National Bank	\$ 391.78	1/2-Camera,Breakfast/Lunch Mtgs,Prkg Fees-TAD	721.190.000-53701.002-Other
74 Huntington National Bank	\$ 185.12	1/2-Printer Ink,Misc Parts-RRE	721.190.000-53701.002-Other
75 Huntington National Bank	\$ 1,883.90	1/2-NOI-45Pjt, Copies of Plans-JRG	721.190.000-53701.002-Other
76 Chronicle Telegram	\$ 1,593.83	Ad for Bids-The 45 Project-TAD	721.190.000-53701.002-Other
77 Cunningham & Associates, Inc.	\$ 1,500.00	Survey Svc-Vanda Right-of-Way Staking-JRG	721.190.000-53701.002-Other
78 Ginley, James F	\$ 1,000.00	Managment Consulting-TAD	721.190.000-53701.002-Other
79 Pro Oncall Technologies	\$ 80.00	1/2-Telephone Svc@201Miller-TAD	721.190.000-53701.002-Other
80 Solar Testing Laboratories, Inc.	\$ 1,033.50	Testing/Inspection@WPCC.071017-072317-TAD	721.190.000-53701.002-Other
81 Solar Testing Laboratories, Inc.	\$ 2,086.00	Testing/Inspection@WPCC.072417-080617-TAD	721.190.000-53701.002-Other
82 Williams Scotsman, Inc.	\$ 123.00	Container Rental.082117-092017-SB	721.190.000-53701.002-Other
83 Republic Services	\$ 37,789.50	Sludge Disposal-July 2017-SB	721.190.000-53701.007-Sludge
84 Columbia Gas of Ohio	\$ 28.79	GasSvc@641Lear.070517-080317-RK	721.190.000-53702-Gas Svc
85 Columbia Gas of Ohio	\$ 468.89	Gas Svc@WPCC.062017-071917-SB	721.190.000-53702.001-Plants
86 Interstate Gas Supply, Inc.	\$ 177.71	Gas Svc@WPCC - July 2017-SB	721.190.000-53702.001-Plants
87 Columbia Gas of Ohio	\$ 28.25	GasSvc@32789Lake.071917-081717-RK	721.190.000-53702.003-PumpSta
88 Illuminating Company	\$ 188.53	Elect@31900Lake.071117-080817-RK	721.190.000-53703.003-PumpSta
89 Illuminating Company	\$ 1,307.83	Elect@32789Lake.071217-080917-RK	721.190.000-53703.003-PumpSta
90 Illuminating Company	\$ 69.80	Elect@641Lear.070817-080717-RK	721.190.000-53703.003-PumpSta
91 Illuminating Company	\$ 65.00	Elect@671Bridgeside.071117-080717-RK	721.190.000-53703.003-PumpSta
92 Illuminating Company	\$ 67.76	Elect@HuntClub.071117-080817-RK	721.190.000-53703.003-PumpSta
93 Engie Resources	\$ 79.44	Elect@31900Lake.071117-080817-TAD	721.190.000-53703.003-PumpSta
94 Engie Resources	\$ 592.51	Elect@32789Lake.071217-080917-TAD	721.190.000-53703.003-PumpSta
95 Engie Resources	\$ 15.16	Elect@671Bridgeside.071117-080717-TAD	721.190.000-53703.003-PumpSta
96 Engie Resources	\$ 34.55	Elect@641 Lear.070817-080717-TAD	721.190.000-53703.003-PumpSta
97 Engie Resources	\$ 24.52	Elect@HuntClub.071117-080817-TAD	721.190.000-53703.003-PumpSta
98 Illuminating Company	\$ 60.86	Elect@810AvonBelden.071317-081017-RK	721.190.000-53703.004-Other
99 Illuminating Company	\$ 60.86	Elect@JaycoxSwMtr.071117-080717-RK	721.190.000-53703.004-Other
100 CenturyLink	\$ 253.80	Telephone Svc@PumpStations-July 2017-RK	721.190.000-53705-Communication
101 Spectrum Business	\$ 249.17	Internet/Phone@WPCC.082217-092117-SB	721.190.000-53705-Communication
102 Spectrum Business	\$ 134.99	1/2-InternetSvc@201Miller.081417-091317-TAD	721.190.000-53705-Communication
103 Advance Auto Parts	\$ 29.99	1/2-Misc Truck Parts-RK	721.190.000-53705-Communication
104 AutoZone	\$ 64.69	1/2-Misc Truck Parts-RK	721.190.000-53707-Mobile Maint
105 Ed Tomko Chrysler-Jeep, Inc.	\$ 5.19	1/2-Misc Truck Parts-RK	721.190.000-53707-Mobile Maint
106 Jani-King of Cleveland	\$ 322.50	1/2-Cleaning Svc@201Miller-Sept 2017-TAD	721.190.000-53708.001-BldgMaint
107 Lawn Tech	\$ 35.12	Fertilize Lawn@Center P.S.-RK	721.190.000-53708.001-BldgMaint
108 Sherwin-Williams Co.	\$ 77.75	1/2-Paint & Supplies-RK	721.190.000-53708.001-BldgMaint
109 Speed Exterminating Company	\$ 30.00	1/2-Exterminating Svc@201Miller-Aug.2017-TAD	721.190.000-53708.001-BldgMaint
110 Valley Ford Truck, Inc.	\$ 14,922.84	1/2-2017 Ford Explorer-RK	721.190.000-53804-New Equip
111 Cherni, Ron	\$ 63.08	Refund Overpmt on Acct #00142880-0-LS	721.190.000-53901-Refunds
112 Langermeier, Brian	\$ 44.75	Reimbursement for CDL License-LS	721.190.000-53901-Refunds
113 Reynolds, Julie	\$ 121.27	Refund Overpmt on Acct #00311850-2-LS	721.190.000-53901-Refunds
	\$ 256,025.97		

**Avon Lake Regional Water
MOR FUND 703 EXPENSES**

September 5, 2017

Name	Amount	Memo	Account
1 Harold Archer & Sons, Inc.	\$ 4,181.95	226.05 Tons Stone-RK	703.180.000-53612.002-Lines
2 HD Supply Waterworks	\$ 14,691.20	Water Main Repair Parts-RK	703.180.000-53612.002-Lines
3 Kendera Enterprises, Inc.	\$ 9,425.00	ETL1 Water Main Repairs-RK	703.180.000-53612.004-Other
4 Harold Archer & Sons, Inc.	\$ 464.17	25.09 Tons Stone-RK	703.180.000-53612.004-Other
5 Avon Lake Regional Water	\$ 2,888.98	Operator Charges - July 2017-TAD	703.180.000-53701.002
6 Data-Command	\$ 3,838.60	Data Command-Setup, Installation-TAD	703.180.000-53701.002
7 Illuminating Company	\$ 11,730.64	Elect@Moore P.S.071317-081017-TAD	703.180.000-53703.003
8 Engie Resources	\$ 9,225.58	Elect@Moore P.S.071317-081017-TAD	703.180.000-53703.003
9 Ohio Edison	\$ 54.87	Elect@Butternut/Root.070617-080317-TAD	703.180.000-53703.004
10 Ohio Edison	\$ 53.16	Elect@Lear/Chstnt.070717-080717-TAD	703.180.000-53703.004
11 Ohio Edison	\$ 55.56	Elect@Lear/Mills.060817-080817-TAD	703.180.000-53703.004
12 Ohio Edison	\$ 52.81	Elect@Lear/US20.070817-080717-TAD	703.180.000-53703.004
13 Ohio Edison	\$ 59.43	Elect@Root/Sprag.070617-080417-TAD	703.180.000-53703.004
14 Engie Resources	\$ 11.05	Elect@Butternut/Root.070617-080317-TAD	703.180.000-53703.004
15 Engie Resources	\$ 15.01	Elect@Lear/Mills.071117-080817-TAD	703.180.000-53703.004
16 Engie Resources	\$ 2.24	Eelct@Lear/Chestnut.070817-080717-TAD	703.180.000-53703.004
17 Engie Resources	\$ 2.52	Elect@Lear/US20.070717-080717-TAD	703.180.000-53703.004
18 Engie Resources	\$ 28.13	Elect@Root/Sprag.070617-080417-TAD	703.180.000-53703.004
	<u>\$ 56,780.90</u>		

Avon Lake Regional Water
MOR FUND 762 EXPENSES

September 5, 2017

Name	Amount	Memo	Account
1 JCI, Jones Chemicals Inc.	\$ 390.00	Chlorine@Island Rd Pump Station-GY	762.180.000-53611-Operating Sup
2 Corrpro Companies, Inc.	\$ 3,900.00	Water Tank Inspection@Island Rd-TAD	762.180.000-53612.003-Pump Sta
3 Weir Floway, Inc.	\$ 10,764.11	Pump Repair Parts-GY	762.180.000-53612.003-Pump Sta
4 Avon Lake Regional Water	\$ 2,929.04	Operator Charges-July 2017-TAD	762.180.000-53701.002
5 Fenik, John	\$ 300.00	Lawn Maint/Weed Control@Island Rd-RK	762.180.000-53701.002
6 Ohio Edison	\$ 6,188.70	Elect@IslandP.S.070417-080217-TAD	762.180.000-53703.003-PumpSta
7 Illuminating Company	\$ 3,561.80	Elect@Moore P.S.071317-081017-TAD	762.180.000-53703.003-PumpSta
8 Engie Resources	\$ 14,488.53	Elect@MooreP.S.061317-081017-TAD	762.180.000-53703.003-PumpSta
9 Engie Resources	\$ 6,727.21	Elect@IslandP.S.070417-080217-TAD	762.180.000-53703.003-PumpSta
10 Illuminating Company	\$ 66.80	Elect@Detroit PRV.071417-081117-TAD	762.180.000-53703.004-Other
11 Ohio Edison	\$ 55.22	Elect@Barres.070817-080817-TAD	762.180.000-53703.004-Other
12 Ohio Edison	\$ 53.38	Elect@CenterRidge.070717-080317-TAD	762.180.000-53703.004-Other
13 Ohio Edison	\$ 52.29	Elect@ChestnutRidge.070717-080317-TAD	762.180.000-53703.004-Other
14 Engie Resources	\$ 21.00	Elect@Detroit PRV.071417-081117-TAD	762.180.000-53703.004-Other
15 Engie Resources	\$ 10.10	Elect@Barres PRV.070817-080817-TAD	762.180.000-53703.004-Other
16 Engie Resources	\$ 3.33	Elect@CenterRidge.070717-080317-TAD	762.180.000-53703.004-Other
17 Engineered Fluid Inc.	\$ 66,154.48	Pmt #2-ETL2 Booster Station Upgrade-RRE	762.180.000-55001
	<u>\$ 115,665.99</u>		

Avon Lake Regional Water
LORCO FUND 749 EXPENSES

September 5, 2017

Name	Amount	Memo	Account
1 Fenik, John	\$ 200.00	Lawn Maint/Weed Control@Four Plex-RK	749.190.000-53701.002-Other
2 RLCWA	\$ 85.32	Water Used@FourPlex.070517-080317-TAD	749.190.000-53701.002-Other
3 RLCWA	\$ 51.72	Water Used@TriPlex.070517-080317-TAD	749.190.000-53701.002-Other
4 Ohio Edison	\$ 693.29	Elect@TriPlex.070617-080417-TAD	749.190.000-53703.001-Plants
5 Ohio Edison	\$ 528.58	Elect@FourPlex.070417-080117-TAD	749.190.000-53703.001-Plants
6 Engie Resources	\$ 112.95	Elect@TriPlex.070617-080417-TAD	749.190.000-53703.001-Plants
7 Engie Resources	\$ 236.19	Elect@FourPlex.070417-080117-TAD	749.190.000-53703.001-Plants
8 Illuminating Company	\$ 62.59	Elect@33678Walker.071417-081117-TAD	749.190.000-53703.002-Bldgs
9 Engie Resources	\$ 7.75	Elect@33678Walker.071417-081117-TAD	749.190.000-53703.002-Bldgs
10 Lorain-Medina Rural Electric Cooperative	\$ 93.25	Elect@Banks.062317-072317-TAD	749.190.000-53703.003-PumpSta
11 Lorain-Medina Rural Electric Cooperative	\$ 90.72	Elect@36879Capel.062317-072317-TAD	749.190.000-53703.003-PumpSta
12 Lorain-Medina Rural Electric Cooperative	\$ 73.86	Elect@12601Cooley.062317-072317-TAD	749.190.000-53703.003-PumpSta
13 Lorain-Medina Rural Electric Cooperative	\$ 125.58	Elect@12775Durkee(N).062317-072317-TAD	749.190.000-53703.003-PumpSta
14 Lorain-Medina Rural Electric Cooperative	\$ 52.48	Elect@Durkee(S).062317-072317-TAD	749.190.000-53703.003-PumpSta
15 Lorain-Medina Rural Electric Cooperative	\$ 101.29	Elect@IndianHollow.062317-072317-TAD	749.190.000-53703.003-PumpSta
16 Lorain-Medina Rural Electric Cooperative	\$ 89.44	Elect@Slife.062317-072317-TAD	749.190.000-53703.003-PumpSta
17 Ohio Edison	\$ 54.16	Elect@12169AvonBelden.070617-080317-TAD	749.190.000-53703.003-PumpSta
18 Ohio Edison	\$ 55.62	Elect@12901AvonBelden.070617-080317-TAD	749.190.000-53703.003-PumpSta
19 Ohio Edison	\$ 74.16	Elect@33930Cooley.070417-080217-TAD	749.190.000-53703.003-PumpSta
20 Ohio Edison	\$ 53.55	Elect@10920Hawke.070717-080417-TAD	749.190.000-53703.003-PumpSta
21 Ohio Edison	\$ 58.29	Elect@10301Reed.070717-080417-TAD	749.190.000-53703.003-PumpSta
22 Engie Resources	\$ 5.84	Elect@12169AvonBelden.070617-080317-TAD	749.190.000-53703.003-PumpSta
23 Engie Resources	\$ 9.80	Elect@12901AvonBelden.070617-080317-TAD	749.190.000-53703.003-PumpSta
24 Engie Resources	\$ 25.50	Elect@Cooley.070417-080217-TAD	749.190.000-53703.003-PumpSta
25 Engie Resources	\$ 9.29	Eelct@Giles.070417-080117-TAD	749.190.000-53703.003-PumpSta
26 Engie Resources	\$ 4.33	Elect@Hawke.070717-080417-TAD	749.190.000-53703.003-PumpSta
27 Engie Resources	\$ 20.16	Elect@Reed.070717-080417-TAD	749.190.000-53703.003-PumpSta
28 Frontier	\$ 53.52	TelephoneSvc@FourPlex.082517-092417-TAD	749.190.000-53705-Communication
29 Public Entities Pool of Ohio	\$ 6,257.00	LORCO Ins.Premium.080117-080118-TAD	749.190.000-53710-Insurance
30 LORCO	\$ 1,021.07	Refund LORCO 2 Pmts-July 2017-TAD	749.190.000-53901-Refunds/Reimb
	<u>\$ 10,307.30</u>		

09/01/17

Avon Lake Regional Water
WATERWORKS CONSTRUCTION FUND 704 EXPENSES

September 5, 2017

<u>Name</u>	<u>Amount</u>	<u>Memo</u>	<u>Account</u>
1 HDR, Inc.	\$ 4,118.61	Prof Eng Service-The 45's Pjt.072017-080317-JRG	704.180.000-55007-Cap Lines
2 Engineered Fluid Inc.	\$ 50,258.98	Pmt. #2-WFP Modular Chemical Feed System-RRE	704.180.000-55001
	<u>\$ 54,377.59</u>		

09/01/17

Avon Lake Regional Water
WASTEWATER CONSTRUCTION FUND 724 EXPENSES

September 5, 2017

<u>Name</u>	<u>Amount</u>	<u>Memo</u>	<u>Account</u>
1 HDR, Inc.	\$ 23,118.14	Prof Eng Svc-45's Project.072017-080317-JRG	724.190.000-53806-Eng.Fees
	<u>\$ 23,118.14</u>		

Avon Lake Regional Water
LATERAL LOAN FUND 765 EXPENSES
September 5, 2017

Name	Amount	Memo	Account
1 Concrete & More, Inc.	\$ 3,300.00	Lateral Loan Program - 182 Beck - TAD	765.190.000-53701-ContractorPmt
2 Concrete & More, Inc.	\$ 3,500.00	Lateral Loan Program - 148 Norman - TAD	765.190.000-53701-ContractorPmt
3 Concrete & More, Inc.	\$ 3,500.00	Lateral Loan Program - 33215 Lake - TAD	765.190.000-53701-ContractorPmt
4 Heczko Landscape & Construction, LLC.	\$ 4,000.00	Lateral Loan Program - 32376 Lake - TAD	765.190.000-53701-ContractorPmt
5 Ohio Water Development Authority	\$ 17,500.00	OWDA Loan #7654 Fee - Lateral Loan Program - TAD	765.190.000-53701-ContractorPmt
	<u>\$ 31,800.00</u>		

Avon Lake Regional Water
MEMORANDUM

To: **Todd Danielson, Chief Utilities Executive**

From: **Jack R. Gaydar, P.S., P.E., M.ASCE, CESSWI, CPESC
Engineering Services Manager**

Subject: **The 45's Area CSS Project
Engineer Bid Analysis**

Date: **August 30, 2017**

Bids were received for The 45's Area Combined Sewer Separation Project on Monday, August 28, 2017 from two (2) bidders.

The results of the bid tab analysis are as follows;

Low Bidder: Underground Utilities, Inc., Monroeville, Ohio. Bid = \$16,583,316.65
2nd Bidder: Karvo Companies, Inc., Stow, Ohio. Bid = \$26,633,127.75
Engineer's High Estimate: \$19,830,403.09

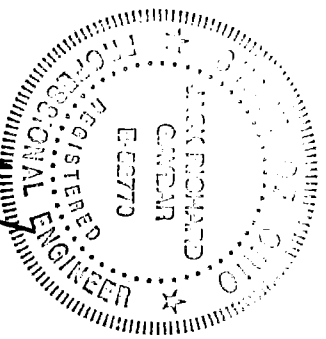
The low bidder has complied with all Bid and Contract requirements and I recommend that the bid for The 45's Area Combined Sewer Separation Project be awarded to Underground Utilities, Inc. in the amount of their bid of \$16,583,316.65 with a 10% contingency rider of \$1,658,331.67.



Jack Richard Gaydar, P.S., P.E.
30 AUG 17

The 45's Area Combined Sewer Separation Project-Bid Tabulation
 bid opening August 28, 2017

<u>Part</u>	<u>Scope</u>	<u>Low Bid</u>	<u>10% Contingency</u>	<u>Bid +10%</u>		<u>engineer's est</u>	<u>2nd bidder</u>
				<u>subtotal</u>	<u>total</u>		
A	WATER	\$3,463,810.00	\$346,381.00	\$3,810,191.00	\$5,361,516.56	\$6,100,989.75	
B	SANITARY	\$5,065,292.00	\$506,529.20	\$5,571,821.20	\$5,109,854.33	\$8,021,070.50	
C	STORM	\$4,606,082.40	\$460,608.24	\$5,066,690.64	\$5,339,217.45	\$8,323,366.00	
D	ROADWAY	\$3,448,132.25	\$344,813.23	\$3,792,945.48	\$4,019,814.75	\$4,187,701.50	
TOTAL		\$16,583,316.65	\$1,658,331.67	\$18,241,648.32	\$19,830,403.09	\$26,633,127.75	
GRAND TOTAL		\$18,241,648.32					



John Andrew Mphd. P.S.P.E.
 29 AUG 17'

Roadway (Part D) cost allocations between City departments, based upon water/sanitary/storm work in roadway pavement.
 by: J.R. Gaydar
 29-Aug-17

Bid Item	total bid Cost	ALRW @ (2/3)	
1	\$390,000.00	\$260,000.00	water = 1 alrw
5	\$15,505.00	\$10,336.67	sanitary = 1 alrw
7	\$898,695.00	\$599,130.00	storm = 1 city
9	\$10,185.00	\$6,790.00	ALRW = 2/3
10	\$310,500.00	\$207,000.00	
11	\$246,675.00	\$164,450.00	
22	\$168,500.00	\$112,333.33	
23	\$10,862.50	\$7,241.67	
24	\$1,800.00	\$1,200.00	
	<u>\$2,052,722.50</u>	<u>\$1,368,481.67</u>	(A)

which is 66.67% 2/3 of the bid amount for roadway items noted.

Bid Item	total bid Cost	ALRW @ (2/3)	
26	\$170,000.00	\$113,333.33	
27	\$60,000.00	\$40,000.00	
	subtotal	\$153,333.33	(B)
	(A+B)	\$1,521,815.00	44.13% cost allocation to ALRW

Part d roadway = \$3,448,132.25
 less ALRW cost \$1,521,815.00
 City Responsibility **\$1,926,317.25**