

# March 13, 2019

## Agenda

*Lord's Prayer*

*Pledge of Allegiance*

Approve Minutes

Supplemental Appropriations (1)

Out of County Travel – Water/Sewer (2)

Commissioners-TCMSD Payment Plan Agreement

Authorize Notice for Bidding/Approve Legal Ad – Zoarville Water Systems Improvement – Water/Sewer

2018 Water Quality Report – Water/Sewer

Award Bids – Engineer’s Materials Bids

Authorize Legal Notice – CHIP Public Hearings 1 and 2

Authorize President to Sign Housing Revolving Loan Agreement with Ohio Development Services

Agency

Retire Southern Court Bond

Pay Bills

Other Business

Adjourn

THE BOARD OF COMMISSIONERS OF TUSCARAWAS COUNTY MET IN REGULAR SESSION ON WEDNESDAY, THE 13<sup>TH</sup> DAY OF MARCH, 2019, WITH THE FOLLOWING MEMBERS PRESENT:

Joe Sciarretti  
Chris Abbuhl  
Joe Sciarretti

Commissioner Sciarretti presiding

*The Lord's Prayer was said.*  
*The Pledge of Allegiance was said.*

### RESOLUTION (192-2019) APPROVE MINUTES

It was moved by Commissioner Abbuhl, seconded by Commissioner Landis, to approve the minutes of the previous meeting as written.

VOTE: Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

### RESOLUTION (193-2019) SUPPLEMENTAL APPROPRIATIONS

It was moved by Commissioner Abbuhl, seconded by Commissioner Landis, to approve the following supplemental appropriations:

| DEPARTMENT | FROM    | TO      | AMOUNT     | REASON  |
|------------|---------|---------|------------|---|
| OCED       | T05-T25 | T05-T18 | \$8,858.48 | To cover the rest of the General Administration and Fair Housing Administration |

VOTE: Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

**RESOLUTION (194-2019) OUT OF COUNTY TRAVEL – W/S**

It was moved by Commissioner Landis, seconded by Commissioner Abbuhl, to approve the following travel request as submitted by Michael Jones, Sanitary Engineer:

DATE: 04-03-2019

LOCATION: Avalon Inn

ATTEND: Nathaniel Fraley, Travis Neff

USING COUNTY VEHICLE: Yes

EXPENSE: Registration - \$70.00, \$35.00 registration fee per attendee

REASON: Trench Safety Training (Necessity of Attendance)

DATE: 04-25-2019

LOCATION: Logan, OH

ATTEND: Eric Maurer, Justin Angel

USING COUNTY VEHICLE: Yes

EXPENSE: \$40.00, \$20.00 registration fee per attendee

REASON: Asset Management Seminar (Field) ORCAP (Necessity of attendance)

VOTE:

Joe Sciarretti, yes;

Chris Abbuhl, yes;

Al Landis, yes;

**RESOLUTION (195-2019) APPROVE PAYMENT PLAN AGREEMENT – COMMISSIONERS AND TCMSD**

It was moved by Commissioner Abbuhl, seconded by Commissioner Landis, to approve the following:

**AGREEMENT**

This Agreement is made on March 13<sup>th</sup>, 2019, between the Board of Tuscarawas County Commissioners, 125 East High Avenue, New Philadelphia, Ohio, 44663, ("County") and the Tuscarawas County Metropolitan Sewer District, 9944 Wilkshire Blvd. N.E., Bolivar, Ohio, 44612, ("District").

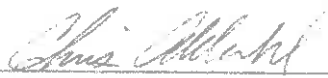
WHEREAS, District has or will receive funds from the County U35 Insurance Trust Fund, in the total amount of Two Hundred Fifty Thousand Dollars (\$250,000.00) for the settlement of the litigation with the City of Dover.

WHEREAS, it is the mutual desire of the parties that an installment payment arrangement be entered into for the repayment of a portion of these funds (\$208,088.35).

THEREFORE, the parties agree as follows:

1. District shall pay the sum of Two Hundred Eight Thousand Eighty-Eight and 35/100 Dollars (\$208,088.35) to the County in fifteen (15) annual installments beginning in 2023, in the amount of Thirteen Thousand Eight Hundred Seventy-Two and 56/100 Dollars (\$13,872.56), (last payment of \$13,872.51)
2. The installment payments shall be paid pursuant to the amortization schedule set forth in Exhibit A attached.
3. No interest shall be charged to the District by the County on this obligation. District shall not be responsible for the remaining amount of the funds (\$41,911.65) which shall be deemed a transfer and the responsibility of the County.
4. The installment payments when received by the County, shall be credited to Account Code No. U-35, Insurance Trust Fund.
5. The laws of Ohio shall govern the construction of this Agreement and the rights and duties of the parties to this Agreement.

**BOARD OF TUSCARAWAS COUNTY  
COMMISSIONERS**

  
Chris Abbuhl

  
Al Landis

  
Joe Sciarretti

**TUSCARAWAS COUNTY METROPOLITAN  
SEWER DISTRICT**

  
Mike Jones, Director

**PROPOSED AMORTIZATION SCHEDULE  
DOVER SETTLEMENT PAYMENT**

| YEAR | PRINCIPAL     | PAYMENT      | BALANCE       |
|------|---------------|--------------|---------------|
| 2020 | \$ 208,088.35 | \$ -         | \$ 208,088.35 |
| 2021 | \$ 208,088.35 | \$ -         | \$ 208,088.35 |
| 2022 | \$ 208,088.35 | \$ -         | \$ 208,088.35 |
| 2023 | \$ 208,088.35 | \$ 13,872.56 | \$ 194,215.79 |
| 2024 | \$ 194,215.79 | \$ 13,872.56 | \$ 180,343.23 |
| 2025 | \$ 180,343.23 | \$ 13,872.56 | \$ 166,470.67 |
| 2026 | \$ 166,470.67 | \$ 13,872.56 | \$ 152,598.11 |
| 2027 | \$ 152,598.11 | \$ 13,872.56 | \$ 138,725.55 |
| 2028 | \$ 138,725.55 | \$ 13,872.56 | \$ 124,852.99 |
| 2029 | \$ 124,852.99 | \$ 13,872.56 | \$ 110,980.43 |
| 2030 | \$ 110,980.43 | \$ 13,872.56 | \$ 97,107.87  |
| 2031 | \$ 97,107.87  | \$ 13,872.56 | \$ 83,235.31  |
| 2032 | \$ 83,235.31  | \$ 13,872.56 | \$ 69,362.75  |
| 2033 | \$ 69,362.75  | \$ 13,872.56 | \$ 55,490.19  |
| 2034 | \$ 55,490.19  | \$ 13,872.56 | \$ 41,617.63  |
| 2035 | \$ 41,617.63  | \$ 13,872.56 | \$ 27,745.07  |
| 2036 | \$ 27,745.07  | \$ 13,872.56 | \$ 13,872.51  |
| 2037 | \$ 13,872.51  | \$ 13,872.51 | \$ 0.00       |

VOTE:

Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

**RESOLUTION (196-2019) APPROVE LEGAL ADVERTISEMENT – ZOARVILLE WATER SYSTEM IMPROVEMENTS**

It was moved by Commissioner Landis, seconded by Commissioner Abbuhl, to approve the following:

**A RESOLUTION AUTHORIZING THE NOTICE OF COMPETITIVE BIDDING FOR THE ZOARVILLE WATER SYSTEM IMPROVEMENTS**

Resolution Number 196-2019

WHEREAS, upon the recommendation of the Tuscarawas County Sanitary Engineer, Michael Jones, the Board of Commissioners, Tuscarawas County, Ohio ("Board") desires to extend a water transmission line to provide potable water service to and make certain water system improvements within the existing water system currently owned by the Zoarville Water Works Company, which upon completion of said improvements, will be transferred to the Board for ownership and operation; and

WHEREAS, pursuant to ORC 6103.05(B), the Board finds that the improvement is necessary for the preservation and promotion of the public health and welfare, and has determined that no special assessments are to be levied to pay any part of the cost of the improvement; and

WHEREAS, the Engineer's Estimate of Probable Construction Cost for this project is \$486,500.00 for the Base Bid and \$10,000.00 for Add Alternate #1; and

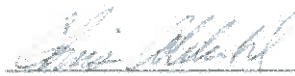
NOW THEREFORE, BE IT RESOLVED by the Board:

Section 1: The Board hereby authorizes the Tuscarawas County Sanitary Engineer, Michael Jones, to provide notice of competitive bidding in the form and manner specified in ORC 307.87 and the Tuscarawas County Procurement Policy, a copy of such notice is attached hereto and made a part hereof, the same as though rewritten herein in full.

Section 2: It is found and determined that all formal actions of this Board concerning and relating to the passage of this Resolution were passed in an open meeting of this Board and that all deliberations of this Board that resulted in such formal action, were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

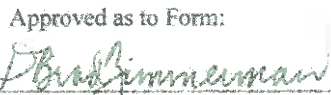
Adopted by the Board of Commissioners of Tuscarawas County, Ohio, this 13 day of March, 2019.

Attest:

  
Chris Abbuhl

  
Adam Stilgenbauer, Clerk

  
Al Landis

Approved as to Form:  
  
D. Brad Zimmerman  
Special Counsel to the Tuscarawas  
County Metropolitan Sewer District

  
Joe Sciarretti

VOTE:

Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

*Commissioner Sciarretti moved ahead in the agenda to allow Mike Jones, Sanitary Engineer, to present the 2018 Water Quality Report*

**RESOLUTION (197-2019) AWARD BIDS – ENGINEERS MATERIALS BIDS**

It was moved by Commissioner Abbuhl, seconded by Commissioner Landis, to award the following bids for the Engineer’s Materials Bid Opening, as recommended by Joseph S. Bachman, Tuscarawas County Engineer:



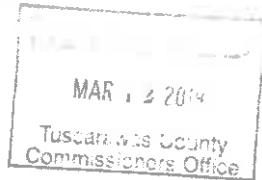
**Joseph S. Bachman, P.E., P.S. Tuscarawas County Engineer**

832 Front Avenue SW, New Philadelphia, OH 44663

Phone: (330) 339-6648 Fax: (330) 339-6687 Email: engineer@co.tuscarawas.oh.us

March 13, 2019

Tuscarawas County Commissioners  
125 East High Avenue  
New Philadelphia, OH 44663



Re: Material Bid Awards

Commissioners:

We have reviewed the material bids received on March 6, 2019 and recommend awards for each as follows:

1. Ashes:  
Rick Watson Trucking, New Philadelphia, OH - Our source with bidders trucking per ton.
2. Asphalt Concrete Maintenance Materials (301-402-404):  
Asphalt Concrete Maintenance Materials to all bidders. All asphalt materials purchased will be to the lowest net price as ascertained by adding a freight factor of \$3.75 per mile (based on 15 ton load at \$0.25 per ton) to each bidder's price for the selected material, from the bidder's plant to each individual project site.
3. Gasoline and Fuel Oil:  
Heritage Co-Op / 1<sup>st</sup>. Choice Energy Services, Canfield, OH.
4. Ice Control Grits:  
Ice Control Grits to all bidders, and delivered amounts to all applicable bidders. All ice control grits purchased will be to the lowest net price as ascertained by adding a freight factor of \$3.75 per mile (based on 15 ton load at \$0.25 per ton) to each bidder's price for the selected material, from the bidder's plant to each individual Outpost location. In addition, we will evaluate delivered prices bid and we may also have grits delivered.

5. Limestone:

Limestone to all bidders, FOB Plant and delivered prices. All limestone materials purchased will be to the lowest net price as ascertained by adding a freight factor of \$3.75 per mile (based on 15 ton load at \$0.25 per ton) to each bidder's price for the selected material, from the bidder's plant to each individual project site. Also included are all prices for delivery of all material types to New Philadelphia or northern project locations and Port Washington or southern project locations in the county.

6. Ready Mix Concrete:

Ready Mix Concrete to all bidders. Purchases will be made from the low bidder for the selected mix per quadrant. In the event low bidder cannot supply the mix, the secondary bidder will be used.

7. Sand and Gravel (Sand, #8, #57, #304 & #617):

Sand and Gravel to all bidders. All sand and gravel materials purchased will be to the lowest net price as ascertained by adding a freight factor of \$3.75 per mile (based on 15 ton load at \$0.25 per ton) to each bidder's price for the selected material, from the bidder's plant to each individual project site.

8. Bituminous Asphalt Materials.

Primary Awards: FOB Tusc. Co / FOB Plant

CRS-2: Asphalt Materials - Tusc. Co. / Asphalt Materials - Plant  
HFRS-2: Asphalt Materials - Tusc. Co. / Asphalt Materials - Plant  
HFRS-2P: Asphalt Materials - Tusc. Co. / Asphalt Materials - Plant  
Permacoat 250: Asphalt Materials - Tusc. Co. / Asphalt Materials - Plant

Secondary Awards: FOB Tusc. Co. / FOB Plant

CRS-2: Russell Standard Corp. - Tusc. Co. / Russell Standard Corp - Plant  
HFRS-2: Russell Standard Corp. - Tusc. Co. / Russell Standard Corp - Plant  
HFRS-2P: Russell Standard Corp. - Tusc. Co. / Russell Standard Corp - Plant  
Permacoat 250: JASA HP- Alternate Material Bid. Will be evaluated if needed

Secondary awards will be used in the event of material unavailability or material not meeting specifications.

9. Traffic Signs and Posts- TUS-2019 Sign Upgrade Project PID # 109183

Lightic Enterprises of Ohio, LLC of Frankfort, Ohio.

Should you have any questions, please advise.

Sincerely,



Joseph S. Bachman, PE, PS  
Tuscarawas County Engineer

City of Uhrichsville  
Tuscarawas County Sheriff  
Tuscarawas County Water and Sewer

VOTE:

Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

**Discussion:** Scott Reynolds, OCED Director, stated that following resolution authorizes OCED to run legal advertisements for both the CHIP and CD Allocation grant in newspapers to notify the public. Mr. Reynolds stated that the CD Allocation Program is a formula program block grant program. Commissioner Abbuhl requested that Mr. Reynolds go into further detail concerning the CD Allocation program to provide some background information for those in attendance who may not be aware of the inner workings of the program.

Scott Reynolds noted that during public hearing #1 applications from different subdivisions of government that do not run its own CD Allocation program. The program, which used to be an annual application and funding process is now biannual, however, Mr. Reynolds stated that this does not mean the funding that local governments can attain has doubled. According to Scott Reynolds, Tuscarawas County receives approximately \$300,000.00 to allot to different programs, however, the county receives nearly

\$1,000,000.00 in requests from different subdivisions of government. Projects/Applications are for low/moderate income areas, which Mr. Reynolds stated many would be surprised at the amount of low to moderate income areas in the county. For example, a family of eight with an income of less than \$60,000.00 would classify as low to moderate income. Scott Reynolds noted that the funds go to projects such as, but not only, street and curb improvements, flood drainage and water sewer system improvements. However, according to Mr. Reynolds, the majority of these dollars go toward paving projects.

**RESOLUTION (198-2019) AUTHORIZE THE ADVERTISEMENTS OF PUBLIC HEARINGS #1 & #2 FOR PY-2019 GRANT PROJECTS.**

It was moved by Commissioner Landis, seconded by Commissioner Abbuhl, to authorize the advertisement of Public Hearing #1 and Public Hearing #2 for the PY-2019 CD Allocation Grant. This resolution also authorizes the advertisement of Public Hearing #1 and Public Hearing #2 for the PY-2019 Community Housing Impact and Preservation (CHIP) Program. And authorizes the President or Vice President of the Board of Commissioners to sign all documents relating to the PY-2019 CD Allocation Grant and PY-2019 CHIP Grant. These actions were taken based upon the recommendation of Scott S. Reynolds, Director of the Tuscarawas County Office of Community & Economic Development.

VOTE: Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

**RESOLUTION (199-2019) AUTHORIZE PRESIDENT OF THE BOARD OF COMMISSIONERS TO SIGN THE HOUSING REVOLVING LOAN FUND ADMINISTRATION AGREEMENT WITH THE STATE OF OHIO DEVELOPMENT SERVICES AGENCY**

It was moved by Commissioner Abbuhl, seconded by Commissioner Landis, to authorize the President of the Board of Commissioners to sign the Housing Revolving Loan Fund Administration Agreement with the State of Ohio Development Services Agency and any other necessary Housing Revolving Loan Fund Documents required by the State of Ohio, Development Services Agency and its offices during the corresponding agreement time period (from January 1, 2019 to December 3, 20121).

VOTE: Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

**RESOLUTION (200-2019) RETIRE SOUTHERN COURT BOND**

It was moved by Commissioner Abbuhl, seconded by Commissioner Landis, to hereby submit a notice of intent of the Tuscarawas County Commissioners to pay off the loan from the County's Commissioner's Association of Ohio Low Cost Capital Program in reference to the Southern Court Construction Bond. This Resolution authorizes the Tuscarawas County Auditor to negotiate with all parties involved in the process for early prepayment including the calculation of the principal, interest and fees associated with the intended early pay off.

**Discussion:** Commissioner Sciarretti was pleased to announce on behalf of the Board that the County was paying off one of two commercial lender debts: the Southern District Court Construction Bond. Commissioner Sciarretti noted that amount being paid off will be approximately \$500,000.00.

Commissioner Abbuhl noted that paying this debt off early would not cost the County any extra money, and free the county of having to place aside money to make scheduled payments. Commissioner Abbuhl reiterated that the County has the money to pay this debt off now, so it makes sense fiscally to pay the debt off early, as opposed to making continual payments.

Commissioner Landis commended the previous Board on its fiscal responsibility, which enabled the County to have the funds to pay this debt off early.

VOTE: Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

**RESOLUTION (201-2019) PAY BILLS**

It was moved by Commissioner Abbuhl, seconded by Commissioner Landis, to approve payment for the following bills:

|   |  |             |
|---|--|-------------|
| <b>Auditor</b>                          |  |             |
| Staples Business Advantage              | Supplies                               | \$66.99     |
| Provantage                              | Scanner                                | \$301.84    |
|   |  | \$368.83    |
| <b>Clerk of Courts</b>                  |  |             |
| Huntington Bank                         | Service                                | \$771.24    |
| Biometric Info Management               | Maintenance                            | \$1,500.00  |
| Independence Business Supply            | Supplies                               | \$9.78      |
|   |  | \$2,281.02  |
| <b>Commissioners</b>                    |  |             |
| Staples Business Advantage              | Supplies                               | \$49.98     |
| Treasurer Tusc Co                       | Internet Auction Distribution          | \$5,276.68  |
| GovDeals                                | Auction Sale Fees                      | \$430.32    |
| Heritage Coop                           | Fuel                                   | \$156.66    |
|   |  | \$5,913.64  |
| <b>Common Pleas</b>                     |  |             |
| OfficeSupply.com                        | Supplies                               | \$325.00    |
| Forensic Diagnostic Center              | Evaluation                             | \$125.00    |
| Union Hospital Association              | Wellness Training                      | \$40.00     |
|   |  | \$490.00    |
| <b>Community Corrections</b>            |  |             |
| Treasurer Tusc Co                       | Audit Fees                             | \$623.74    |
| Tusc Co IT Dept                         | Email Account/New Employee             | \$76.00     |
|   |  | \$699.74    |
| <b>County Building Improvement Fund</b> |  |             |
| Vincent Lighting Systems                | Courthouse Dome Exterior Lighting Proj | \$18,887.29 |
|   |  | \$18,887.29 |
| <b>Dog Pound</b>                        |  |             |
| Tusc Co Sheriff's Office                | Fuel                                   | \$405.35    |
|   |  | \$405.35    |
| <b>Engineer</b>                         |  |             |
| John Deere Financial                    | Parts/Supplies                         | \$138.64    |
| Triple R Trailer Sales                  | Repairs/Parts                          | \$39.00     |
| Liniform                                | Uniform Rental                         | \$141.83    |
| Starlight Enterprises                   | Office Cleaning                        | \$424.00    |
| Sochnlen Sand & Gravel                  | Mat'l per bid                          | \$309.78    |
| National Lime & Stone                   | Mat'l per bid                          | \$1,076.24  |
| NP Water Dept                           | Water/Sewer/Garbage                    | \$602.14    |
| Joe Bachman                             | Travel & Misc Expenses                 | \$331.31    |
| Ziegler Bolt & Nut House                | Bridge & Culvert Supplies              | \$100.75    |
| Ziegler Tire                            | Tires at State Pricing                 | \$1,625.60  |
| MNJ Technologies                        | Printer                                | \$4,320.00  |
| Heritage Coop                           | Fuel Oil & Gas per bid                 | \$16,088.75 |
| American Electric Power                 | Service                                | \$2,355.43  |
| Heritage Coop                           | Repairs/Parts                          | \$84.21     |
| Fenton Brothers                         | Repairs/Parts                          | \$47.18     |
| Dover Brake                             | Repairs/Parts                          | \$124.54    |
| Ace Truck Equipment                     | Repairs/Parts                          | \$223.46    |
| Frontier Power Co                       | Tree Removal                           | \$1,600.00  |
| Twin City Automotive                    | Repairs/Parts                          | \$333.84    |
| Holmes Oil Distributing                 | Oils & Greases                         | \$1,272.22  |
| Frontier Communications                 | Services                               | \$193.84    |
| Dominion Energy                         | Gas Service                            | \$1,530.17  |
| Kimble Recycling                        | Trash Dumpster PW & NP                 | \$70.55     |



|                                  |                               |             |             |
|----------------------------------|-------------------------------|-------------|-------------|
| Snyder Brothers                  | Repair Parts                  | \$527.18    |             |
| Zashin & Rich                    | Legal Services                | \$333.00    |             |
| Leader Machinery                 | Repairs/Parts                 | \$569.36    |             |
| Yoder Small Engines              | Repairs/Parts                 | \$89.31     |             |
| Independence Business Supply     | Supplies                      | \$32.99     |             |
| Summers Rubber                   | Repairs/Parts                 | \$15.00     |             |
| Ohio Machinery                   | Repairs/Parts                 | \$1,175.65  |             |
| Kimble Clay & Limestone          | Mat'l per bid                 | \$4,362.24  |             |
| Centre Supply                    | Repairs/Parts                 | \$99.46     |             |
| Cross Truck Equipment            | Repairs/Parts                 | \$186.44    |             |
|                                  |                               |             | \$40,424.11 |
| <b>Human Resources</b>           |                               |             |             |
| Harris Computer Systems          | Service                       | \$119.47    |             |
| MNJ Technologies                 | Microsoft Windows 10 Software | \$135.00    |             |
|                                  |                               |             | \$254.47    |
| <b>Information Technology</b>    |                               |             |             |
| Pioneer 360                      | Wireless Project              | \$150.00    |             |
|                                  |                               |             | \$150.00    |
| <b>Juvenile/Probate</b>          |                               |             |             |
| Atty Deb Greenham                | Guardian Ad Litem Fee         | \$2,000.00  |             |
| Xerox                            | Leased Copier                 | \$48.74     |             |
| Xerox                            | Leased Copier                 | \$15.58     |             |
| Xerox                            | Leased Copier                 | \$45.19     |             |
| Xerox                            | Leased Copier                 | \$100.18    |             |
| Xerox                            | Leased Copier                 | \$100.18    |             |
| Xerox                            | Leased Copier                 | \$100.18    |             |
| OH CSEA Director's Association   | Registration Fee              | \$100.00    |             |
|                                  |                               |             | \$2,510.05  |
| <b>Job &amp; Family Services</b> |                               |             |             |
| Mark & Danielle Dickey et al     | Boarding Home Payroll         | \$22,736.00 |             |
| Akron Children's Hospital        | FC Medical                    | \$6,047.92  |             |
| Mark & Danielle Dickey           | Transportation                | \$64.00     |             |
| Kiser Auto Repairs               | Snow Removal                  | \$1,975.00  |             |
| Society for Equal Access         | Transportation                | \$50,443.50 |             |
| Raymond & Laura Miller           | Transportation                | \$307.00    |             |
| Mark & Danielle Dickey           | Transportation                | \$191.00    |             |
| Treasurer State of OH            | Fingerprints                  | \$664.00    |             |
|                                  |                               |             | \$82,428.42 |
| <b>Law Library</b>               |                               |             |             |
| Thomson Reuter West              | Books Charges                 | \$141.86    |             |
| Staley Technologies              | Technical Services            | \$112.61    |             |
|                                  |                               |             | \$254.47    |
| <b>Park Department</b>           |                               |             |             |
| United Rentals                   | Portable Toilet CLP           | \$65.00     |             |
|                                  |                               |             | \$65.00     |
| <b>Public Defender</b>           |                               |             |             |
| Frank Bair                       | Utilities                     | \$410.60    |             |
| Copeco                           | Copy Fees                     | \$12.09     |             |
| Pitney Bowes                     | Postage Machine Lease         | \$159.00    |             |
| Zashin & Rich                    | Legal Fees                    | \$2,461.00  |             |
| Zashin & Rich                    | Legal Fees                    | \$3,436.40  |             |
|                                  |                               |             | \$6,479.09  |
| <b>Sheriff</b>                   |                               |             |             |
| Mastercard                       | IdenTrust Digital Certificate | \$19.00     |             |
| Mastercard                       | Transport of Prisoners        | \$124.19    |             |
|                                  |                               |             | \$143.19    |
| <b>Water &amp; Sewer</b>         |                               |             |             |
| American Electric Power          | Service                       | \$497.91    |             |

|                              |                            |             |              |
|------------------------------|----------------------------|-------------|--------------|
| Albers & Albers              | Legal Fees                 | \$843.75    |              |
| City of Dover                | Sewage Disposal            | \$17,509.53 |              |
| Treasurer State of OH        | Annual Sewage Sludge Fee   | \$100.00    |              |
| Treasurer State of OH        | Annual Sewage Sludge Fee   | \$100.00    |              |
| Treasurer State of OH        | Annual Sewage Sludge Fee   | \$100.00    |              |
| Treasurer State of OH        | Annual Sewage Sludge Fee   | \$100.00    |              |
| Treasurer State of OH        | Annual Sewage Sludge Fee   | \$100.00    |              |
| Kimble Recycling             | Container Disposal         | \$44.80     |              |
| MSC Environmental Products   | Equipment                  | \$599.71    |              |
| American Electric Power      | Service                    | \$7,954.34  |              |
| Village of Tuscarawas        | Water Purchased for Resale | \$1,663.99  |              |
| Liberty Ford                 | Service                    | \$27.41     |              |
| John Deere Financial         | Materials                  | \$63.87     |              |
| John Deere Financial         | Small Projects             | \$216.96    |              |
| Water Environment Federation | Membership                 | \$170.00    |              |
| Kimble Recycling             | Sewage Disposal            | \$953.19    |              |
| John Deere Financial         | Materials                  | \$62.83     |              |
| MSC Environmental Products   | Materials                  | \$1,394.01  |              |
| Frontier                     | Service                    | \$180.19    |              |
| Frontier                     | Service                    | \$58.57     |              |
| Columbia Gas                 | Utility Gas                | \$1,108.53  |              |
| Columbia Gas                 | Utility Gas                | \$836.52    |              |
| American Electric Power      | Service                    | \$28.65     |              |
|                              |                            |             | \$34,714.76  |
|                              |                            |             | \$196,469.43 |

VOTE:                                  Joc Sciarretti, yes;  
   Chris Abbuhl, yes;  
   Al Landis, yes;

*Commissioner Sciarretti stated that Michael Jones, Sanitary Engineer, would be unable to attend the Commissioners Meeting.*

**Discussion:** Commissioner Sciarretti stated that last week Michael Jones, Sanitary Engineer, attended the Commissioners Meeting and provided an in-depth presentation on the Tuscarawas County Metropolitan Sewer District. Commissioner Sciarretti noted that Mr. Jones does an excellent job at managing the County's water/sewer systems, and seeking outside dollars to help fund improvement projects.

## TUSCARAWAS COUNTY METROPOLITAN SEWER DISTRICT WATER AND SEWER DEPARTMENT

### SANITARY ENGINEER COMMISSIONERS

Michael Jones, P.E.

Abbuhl

Chris

**SUPERINTENDENT** Al Landis

Justin Angel

Joe Sciarretti

March 13, 2019

To: Newspaper: Times Reporter -  
[news@TimesReporter.com](mailto:news@TimesReporter.com) Radio: WJER -  
[communitynews@wjer.com](mailto:communitynews@wjer.com)  
Radio: WTUZ -- [news@wtuz.com](mailto:news@wtuz.com)

### MEDIA RELEASE

The Tuscarawas County Metropolitan Sewer District is pleased to announce that the 2018 Water Quality Report has been made publicly available. The report covers each of our four public community water systems and can be viewed at the following web address:

<http://ccrwater.net/5c86aa4708798>

This report provides detailed information regarding the quality of water delivered to customers in each of these water systems. The reports also characterize risks from exposure to contaminants in an accurate and understandable manner.

Our customers will be made aware of the availability of these reports through a notification statement that will be included with an upcoming billing statement. In a good faith effort to reach our indirect, non-bill paying customers, we will be hand delivering multiple copies of these reports to single bill addresses serving many people, such as apartments, businesses, and churches. We also plan to post the reports in multiple public locations, such as post offices.

Your assistance in keeping the public informed and aware of this important information is greatly appreciated. If you have any questions regarding these reports, please contact me at (330) 874-3262.

Regards,

Michael Jones, P.E.  
 Director/Sanitary  
 Engineer

*We are an equal opportunity provider and employer*

4 Wilkshire Boulevard NE • Bolivar, Ohio 44612 • (330) 874- 3262 • Fax (330) 874 -4203

**Tuscarawas County Metropolitan Sewer District  
 ANNUAL WATER QUALITY REPORT FOR 2018**

We are proud to present the following report to provide information to you, the consumer, on the quality of drinking water for each of our four public water systems. Included within this report is general health information, water quality test results, information regarding how to participate in decisions concerning your drinking water, and contact information.

The Tuscarawas County Metropolitan Sewer District (District) is responsible for operating and maintaining four public community water systems located throughout Tuscarawas County as shown in Figure 1. In 2018, drinking water in each of these systems met all Ohio EPA standards.

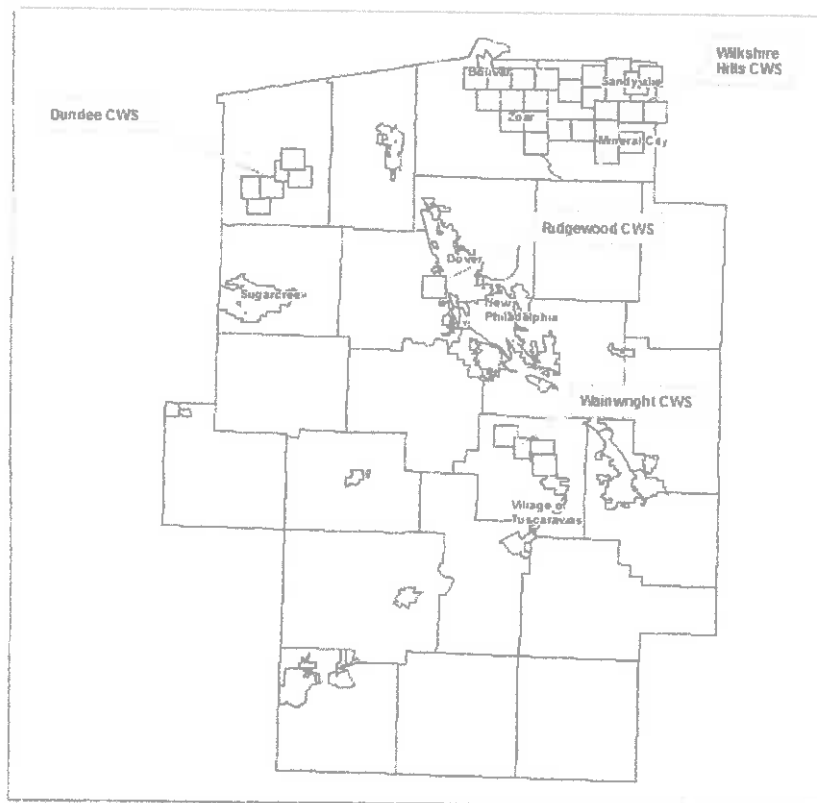


Figure 1 - Map of District Community Water Systems

**DUNDEE COMMUNITY WATER SYSTEM ("DUNDEE CWS")**

The Dundee CWS provides drinking water to the community of Dundee and surrounding areas of Wayne Township and uses ground water wells as its drinking water source. We have a current, unconditioned license to operate this water system.

This water is treated by filtration and disinfection. Filtration removes particles suspended in the source water. Particles typically include clays and silts, natural organic matter, iron and manganese, and microorganisms. Your water is also treated by disinfection. Disinfection involves the addition of chlorine to kill bacteria and other microorganisms (viruses, cysts, etc.) that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

The state performed an assessment of the Dundee CWS source water in 2003 and later revised the assessment in 2017. It was determined that the aquifer supplying drinking water to the Dundee CWS has a low susceptibility to contamination. This conclusion is based on the presence of a thick, protective layer of bedrock overlaying the aquifer; significant depth of the aquifer (>100 feet); no evidence to suggest that ground water has been impacted by any significant levels of chemical contaminants from human activities; and no apparent significant potential contaminant sources within the protection area.

Refer to **Table 1** at the end of this report for an explanation of the Water Quality Data for the Dundee CWS.

**RIDGEWOOD COMMUNITY WATER SYSTEM ("RIDGEWOOD CWS")**

The Ridgewood CWS provides drinking water to the Ridgewood Subdivision in Dover Township, and it uses two ground water wells as its drinking water source. We have a current, unconditioned license to operate this water system.

This water is treated by disinfection. Disinfection involves the addition of chlorine to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

The state performed an assessment of the Ridgewood CWS source water in 2003. It was determined that the aquifer supplying drinking water to the Ridgewood CWS has a moderate susceptibility to contamination. This determination is based upon the presence of a thick, protective layer of bedrock overlaying the aquifer; significant depth of the aquifer (>100 feet); the presence of low levels of manmade contaminants in three samples of treated water taken between 1994 and 1996 (Ethyl benzene, xylene and dichlorobenzene were detected at levels between 0.9 to 5.8 ppb); and the presence of significant potential contaminant sources within the source water protection area.

Refer to **Table 2** at the end of this report for an explanation of the Water Quality Data for the Ridgewood CWS.

**2018 ANNUAL WATER QUALITY REPORT**

**WILKSHIRE HILLS COMMUNITY WATER SYSTEM ("WILKSHIRE CWS")**

The Wilkshire CWS provides drinking water to the following water Districts: Wilkshire Hills, Zoar, Mineral City, Lawrence Township Industrial Park, Hunters Green Subdivision, Sandville, Sandy Valley Estates, and other areas in Lawrence and Sandy Townships. This system receives its source water from two wells located near Welton Road in Lawrence Township. The District has a current, unconditioned license to operate this water system.

This water is treated by disinfection. Disinfection involves the addition of chlorine to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century. In addition to disinfection, we add fluoride to promote dental health. We also add phosphate to control scale formation within the distribution system and to help keep iron and manganese in solution, which reduces aesthetic problems such as staining and discolored water.

The Wilkshire CWS also has two emergency interconnections with the Village of Bolivar; however, neither of these connections were utilized in 2018.

The state performed an assessment of the Wilkshire CWS source water in 2002. It was determined that the aquifer supplying drinking water to the Wilkshire CWS has a high susceptibility to contamination. This determination is based upon the presence of a relatively thin, protective layer of sandy loam and clay overlaying the aquifer; the shallow depth of the aquifer (~30 feet); and the presence of significant potential contaminant sources in the protection area.

Refer to **Table 3** at the end of this report for an explanation of the Water Quality Data for the Wilkshire CWS.

**WAINWRIGHT COMMUNITY WATER SYSTEM ("WAINWRIGHT CWS")**

This system provides drinking water to the community of Wainwright and surrounding areas of Warwick Township. To supply water for this system, the District is connected to and receives its water from the Village of Tuscarawas. The Village of Tuscarawas receives its drinking water from two wells located near the Village Park along Cherry Street.

This water is treated by disinfection. Disinfection involves the addition of chlorine to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century. The village also uses phosphate to control scale formation within the distribution system and to help keep iron and manganese in solution, which reduces aesthetic problems such as staining.

Prior to entering the Wainwright CWS, the District provides additional chlorination to ensure that the water is safe and all Ohio EPA requirements are satisfied. The District has a current, unconditioned license to operate this water system.

The state performed an assessment of the Wainwright CWS source water (Village of Tuscarawas) in 2002. It was determined that the aquifer supplying drinking water to the Wainwright CWS has a high susceptibility to contamination. This determination is based upon

the lack of a protective layer of clay/shale/other overlaying the aquifer, shallow depth of the aquifer (approx. 10 feet); significant potential contaminant sources within the protection area.

Refer to **Table 4** at the end of this report for an explanation of the Water Quality Data for the Wainwright CWS.

**WHAT ARE SOURCES OF CONTAMINATION TO DRINKING WATER?**

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include: 1) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; 2) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; 3) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; 4) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and 5) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

**WHO NEEDS TO TAKE SPECIAL PRECAUTIONS?**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

**2018 ANNUAL WATER QUALITY REPORT**

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**LEAD IN HOUSEHOLD PLUMBING**

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The District is responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 800-426-4791 or at <http://www.epa.gov/safewater/lead>.

**WATER QUALITY DATA TABLES**

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The Water Quality Data Tables provided at the end of this report list all of the drinking water contaminants that we detected during 2018. Although many more contaminants were tested, only those substances listed in the Water Quality Data Tables were found in your water.

All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels.

Unless otherwise noted, the data presented in this table is from testing conducted in 2018. The EPA requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In the Water Quality Data Tables you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided definitions for these terms in the following section.

**DEFINITIONS OF SOME TERMS CONTAINED WITHIN THIS REPORT.**

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Annual Running Average (ARA)**

**Health Advisory Level (HAL)**

**Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**Maximum Contaminant level (MCL):** The highest level of contaminant that is allowed in drinking

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water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

**Parts per Million (ppm) or Milligrams per Liter (mg/L)** are units of measure for concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days.

**Parts per Billion (ppb) or Micrograms per Liter (µg/L)** are units of measure for concentration of a contaminant. A part per billion corresponds to one second in 31.7 years.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**Secondary Maximum Contaminant Level (SMCL):** non-mandatory water quality standards established by EPA to serve as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present risk to human health at the SMCL.

**Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.

**The "<" symbol:** A symbol which means less than. A result of <5 means that the lowest level that could be detected was 5 and the contaminant in that sample was not detected.

**Picocuries per liter (pCi/L):** A common measure of radioactivity

### **HOW DO I PARTICIPATE IN DECISIONS CONCERNING MY DRINKING WATER?**

Public participation and comments are encouraged at regular meetings of the Tuscarawas County Board of Commissioners which meets weekly on Monday and Wednesday.

For more information on your drinking water contact:

#### **Tuscarawas County Metropolitan Sewer District**

9944 Wilshire Boulevard NE

Bolivar, OH 44612

Phone: (330) 874-3262 Fax: (330) 874-4203

Email: [myones@tcmtd.org](mailto:myones@tcmtd.org)

Website: [www.tcmtd.org](http://www.tcmtd.org)

**Director/Sanitary Engineer**

*Michael Jones, P.E.*

*Tuscarawas County Metropolitan Sewer District*

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Table 1 – Dundee CWS Water Quality Data Table

In 2018, the District sampled for a total of 20 different contaminants in the Dundee CWS. All contaminants were found to be within allowable levels and no health based violations were reported. Below is a list of contaminants that were detected.

| Contaminants (units)              | MCLG   | MCL                            | Level Found                           | Range of Detections | Violation    | Year Sampled                            | Typical Source of Contaminants   |
|-----------------------------------|--|--------------------------------|---------------------------------------|---------------------|--------------|---|--|
| <b>Inorganic Contaminants</b>     |  |                                |                                       |                     |              |   |  |
| Barium (ppm)                      | 2  | 2                              | 0.06                                  | N/A                 | NO           | 2016                                    | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits       |
| Chromium (ppb)                    | 100  | 100                            | 2.06                                  | N/A                 | NO           | 2016                                    | Discharge from steel and pulp mills; Erosion of natural deposits                                 |
| Selenium (ppb)                    | 50   | 50                             | 2.77                                  | N/A                 | NO           | 2016                                    | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines |
| <b>Disinfection Byproducts</b>    |  |                                |                                       |                     |              |   |  |
| Total Trihalomethanes, THMs (ppb) | 0  | 80                             | 22.9                                  | N/A                 | NO           | 2018                                    | Byproduct of drinking water chlorination.  |
| Haloacetic Acids, HAA5s (ppb)     | 0  | 60                             | 7.57                                  | N/A                 | NO           | 2018                                    | Byproduct of drinking water chlorination.  |
| <b>Residual Disinfectants</b>     |  |                                |                                       |                     |              |   |  |
| Total Chlorine (ppm)              | MRDLG<br>4   | MRDL<br>4                      | 0.83                                  | 0.38 - 1.43         | NO           | 2018                                    | Water additive to control microbes   |
| <b>Lead and Copper</b>            |  |                                |                                       |                     |              |   |  |
| Contaminants (units)              | Action Level (AL)  | Individual Results over the AL | 90% of the test levels were less than | Violation           | Year Sampled | Typical Source of Contaminants          |  |
| Lead (ppb)                        | 15   | N/A                            | 3.24                                  | NO                  | 2018         | Corrosion of household plumbing systems |  |
|                                   | 0 out of 5 samples were found to have lead in excess of the lead AL of 15 ppb      |                                |                                       |                     |              |   |  |
| Copper (ppm)                      | 1.3  | N/A                            | 0.61                                  | NO                  | 2018         | Corrosion of household plumbing systems |  |
|                                   | 0 out of 5 samples were found to have copper in excess of the copper AL of 1.3 ppm |                                |                                       |                     |              |   |  |

In 2018, the District also sampled for total coliform bacteria, Nitrate (as N), and Synthetic Organic Contaminants (Atrazine, Atrazine, and Simazine), which were not detected in the Dundee CWS.

| <b>Unregulated Contaminants*</b> |         |       |              |
|----------------------------------|---------|-------|--------------|
| Contaminants (units)             | Average | Range | Year Sampled |
| Bromodichloromethane (ppb)       | 1.64    | N/A   | 2018         |
| Dibromochloromethane (ppb)       | 4.88    | N/A   | 2018         |

\* Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

**2018 ANNUAL WATER QUALITY REPORT**

**Table 2 – Ridgewood CWS Water Quality Data Table**

In 2018, the District sampled for a total of 18 different contaminants in the Ridgewood CWS. All contaminants were found to be within allowable levels and no health based violations were reported. Below is a list of contaminants that were detected.

| Contaminants (units)               | MCLG   | MCL                            | Level Found                           | Range of Detections | Violation    | Year Sampled                            | Typical Source of Contaminants   |
|------------------------------------|--|--------------------------------|---------------------------------------|---------------------|--------------|---|--|
| <b>Inorganic Contaminants</b>      |  |                                |                                       |                     |              |   |  |
| Barium (ppm)                       | 2  | 2                              | 0.08                                  | N/A                 | NO           | 2016                                    | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits       |
| Selenium (ppb)                     | 50   | 50                             | 2.02                                  | N/A                 | NO           | 2016                                    | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines |
| <b>Disinfection Byproducts</b>     |  |                                |                                       |                     |              |   |  |
| Total Trihalomethanes (THMs) (ppb) | 0  | 80                             | 15.0                                  | N/A                 | NO           | 2018                                    | Byproduct of drinking water chlorination.  |
| Haloacetic Acids (HAA5s) (ppb)     | 0  | 60                             | 2.85                                  | N/A                 | NO           | 2018                                    | Byproduct of drinking water chlorination.  |
| <b>Residual Disinfectants</b>      |  |                                |                                       |                     |              |   |  |
| Total Chlorine (ppm)               | MIRDLG<br>4  | MIRDL<br>4                     | 1.02                                  | 0.77 – 1.27         | NO           | 2018                                    | Water additive to control microbes   |
| <b>Lead and Copper</b>             |  |                                |                                       |                     |              |   |  |
| Contaminants (units)               | Action Level (AL)  | Individual Results over the AL | 90% of the test levels were less than | Violation           | Year Sampled | Typical Source of Contaminants          |  |
| Lead (ppb)                         | 15   | N/A                            | 2.65                                  | NO                  | 2017         | Corrosion of household plumbing systems |  |
|                                    | 0 out of 5 samples were found to have lead in excess of the lead AL of 15 ppb      |                                |                                       |                     |              |   |  |
| Copper (ppm)                       | 1.3  | N/A                            | 0.22                                  | NO                  | 2017         | Corrosion of household plumbing systems |  |
|                                    | 0 out of 5 samples were found to have copper in excess of the copper AL of 1.3 ppm |                                |                                       |                     |              |   |  |

In 2018, the District also sampled for total coliform bacteria, Nitrate (as N), and Synthetic Organic Contaminants (Alachlor, Atrazine, and Simazine), which were not detected in the Ridgewood CWS.

| <b>Unregulated Contaminants*</b> |         |       |              |
|----------------------------------|---------|-------|--------------|
| Contaminants (units)             | Average | Range | Year Sampled |
| Bromodichloromethane (ppb)       | 0.50    | N/A   | 2018         |
| Dibromochloromethane (ppb)       | 2.04    | N/A   | 2018         |

\* Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

2018 ANNUAL WATER QUALITY REPORT

**Table 3 – Wilkshire CWS Water Quality Data Table**

In 2018, the District sampled for a total of 21 different contaminants in the Wilkshire CWS. All contaminants were found to be within allowable levels and no health based violations were reported. Below is a list of contaminants that were detected.

| Contaminants (units)              | MCLG  | MCL                            | Level Found                           | Range of Detections | Violation    | Year Sampled                            | Typical Source of Contaminants  |
|-----------------------------------|---|--------------------------------|---------------------------------------|---------------------|--------------|---|---|
| <b>Inorganic Contaminants</b>     |   |                                |                                       |                     |              |   |   |
| Barium (ppm)                      | 2   | 2                              | 0.07                                  | N A                 | NO           | 2016                                    | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits                                |
| Fluoride (ppm)                    | 4   | 4                              | 1.20                                  | 0.80 – 1.44         | NO           | 2018                                    | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| Nitrate (as N) (ppm)              | 10  | 10                             | 2.22                                  | N A                 | NO           | 2018                                    | Runoff from fertilizer use; Leaching from septic tanks; Sewage; Erosion of natural deposits                               |
| Selenium (ppb)                    | 50  | 50                             | 2.55                                  | N A                 | NO           | 2016                                    | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines                          |
| <b>Disinfection Byproducts</b>    |   |                                |                                       |                     |              |   |   |
| Total Trihalomethanes, THMs (ppb) | 0   | 80                             | 8.48                                  | 7.95 – 9.01         | NO           | 2018                                    | Byproduct of drinking water chlorination.   |
| <b>Residual Disinfectants</b>     |   |                                |                                       |                     |              |   |   |
| Total Chlorine (ppm)              | MRDLG = 4   | MRDL = 4                       | 1.02                                  | 0.67 – 1.21         | NO           | 2018                                    | Water additive to control microbes  |
| <b>Lead and Copper</b>            |   |                                |                                       |                     |              |   |   |
| Contaminants (units)              | Action Level (AL)   | Individual Results over the AL | 90% of the test levels were less than | Violation           | Year Sampled | Typical Source of Contaminants          |   |
| Lead (ppb)                        | 15  | N A                            | 1.77                                  | NO                  | 2018         | Corrosion of household plumbing systems |   |
|                                   | 0 out of 20 samples were found to have lead in excess of the lead AL of 15 ppb      |                                |                                       |                     |              |   |   |
| Copper (ppm)                      | 1.3   | 2.05                           | 0.66                                  | NO                  | 2018         | Corrosion of household plumbing systems |   |
|                                   | 1 out of 20 samples were found to have copper in excess of the copper AL of 1.3 ppm |                                |                                       |                     |              |   |   |

In 2018, the District also sampled for total coliform bacteria, haloacetic acids (HAA5s), and Synthetic Organic Contaminants (Alachlor, Atrazine, and Simazine), which were not detected in the Wilkshire CWS.

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| <b>Unregulated Contaminants*</b> |                |              |                     |
|----------------------------------|----------------|--------------|---------------------|
| <b>Contaminants (units)</b>      | <b>Average</b> | <b>Range</b> | <b>Year Sampled</b> |
| Bromodichloromethane (ppb)       | 2.62           | 2.57 – 2.66  | 2018                |
| Dibromochloromethane (ppb)       | 2.48           | 2.22 – 2.73  | 2018                |

\* Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

| <b>Secondary Contaminants**</b> |             |            |              |                     |
|---------------------------------|-------------|------------|--------------|---------------------|
| <b>Contaminants (units)</b>     | <b>SMCL</b> | <b>HAL</b> | <b>Range</b> | <b>Year Sampled</b> |
| Iron (ppb)                      | 300         | N/A        | 10 – 480     | 2018                |
| Manganese (ppb)                 | 50          | 345        | <10 – 195    | 2018                |

\*\* Secondary contaminants may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor or color) in drinking water. During December 2018, the District exceeded the SMCL for both iron and manganese; however, the levels are below the health advisory level established by EPA. In order to address this issue, the District is seeking funding for the construction of new pressure filtration facilities in order to remove iron and manganese from the source water.

In 2018, the District completed a preliminary engineering study for expansion of the existing treatment facilities to include pressure filtration for the removal of iron and manganese. The estimated cost of this project is roughly \$3.5 million. The improvement will include expansion of the existing well field, which is critical to ensure the long-term supply of water to our customers.

The District is currently seeking funding through USDA Rural Development, as well as the Ohio EPA's Water Supply Revolving Loan Fund. Depending upon the available funding for this project, we anticipate the project may be complete within the next 3 years.

**2018 ANNUAL WATER QUALITY REPORT**

**Table 4 – Wainwright CWS Water Quality Data Table**

In 2018, the District sampled for a total of 18 different contaminants in the Wainwright CWS. All contaminants were found to be within allowable levels and no health based violations were reported. Below is a list of contaminants that were detected.

| Contaminants (units)               | MCLG   | MCL                            | Level Found                           | Range of Detections | Violation    | Year Sampled                            | Typical Source of Contaminants  |
|------------------------------------|--|--------------------------------|---------------------------------------|---------------------|--------------|---|---|
| <b>Inorganic Contaminants</b>      |  |                                |                                       |                     |              |   |   |
| Nitrate (as N) (ppm)               | 10   | 10                             | 0.62                                  | N A                 | NO           | 2018                                    | Runoff from fertilizer use; Leaching from septic tanks; Sewage; Erosion of natural deposits |
| <b>Disinfection Byproducts</b>     |  |                                |                                       |                     |              |   |   |
| Total Trihalomethanes, TTHMs (ppb) | 0  | 80                             | 19.2                                  | N A                 | NO           | 2018                                    | Byproduct of drinking water chlorination.   |
| Haloacetic Acids, HAA5s (ppb)      | 0  | 60                             | 2.05                                  | N A                 | NO           | 2018                                    | Byproduct of drinking water chlorination  |
| <b>Residual Disinfectants</b>      |  |                                |                                       |                     |              |   |   |
| Total Chlorine (ppm)               | MRDLG 4  | MRDL 4                         | 0.73                                  | 0.48 – 0.92         | NO           | 2018                                    | Water additive to control microbes  |
| <b>Radioactive Contaminants</b>    |  |                                |                                       |                     |              |   |   |
| Gross Alpha, inc. Radon (pCi L)    | 0  | 5                              | 4.25                                  | N A                 | NO           | 2016                                    | Erosion of natural deposits   |
| <b>Lead and Copper</b>             |  |                                |                                       |                     |              |   |   |
| Contaminants (units)               | Action Level (AL)  | Individual Results over the AL | 90% of the test levels were less than | Violation           | Year Sampled | Typical Source of Contaminants          |   |
| Lead (ppb)                         | 15   | N A                            | 0.83                                  | NO                  | 2016         | Corrosion of household plumbing systems |   |
|                                    | 0 out of 5 samples were found to have lead in excess of the lead AL of 15 ppb      |                                |                                       |                     |              |   |   |
| Copper (ppm)                       | 1.3  | N A                            | 0.42                                  | NO                  | 2016         | Corrosion of household plumbing systems |   |
|                                    | 0 out of 5 samples were found to have copper in excess of the copper AL of 1.3 ppm |                                |                                       |                     |              |   |   |

In 2018, the Village of Tuscarawas also sampled for Arsenic, which was not detected in the Village of Tuscarawas water supply. In 2018, the District also sampled for total coliform bacteria, which was not detected in the Wainwright CWS.

| <b>Unregulated Contaminants*</b> |         |       |              |
|----------------------------------|---------|-------|--------------|
| Contaminants (units)             | Average | Range | Year Sampled |
| Bromodichloromethane (ppb)       | 6.35    | N/A   | 2018         |
| Dibromochloromethane (ppb)       | 6.70    | N/A   | 2018         |

\* Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

**OTHER BUSINESS DISCUSSION**

Commissioner Landis recognized the New Philadelphia High School Girls Basketball Team on advancing to the Regional Finals. Congratulating the girls and Head Coach Kevin Cornell on a great season, Commissioner Landis added that the girls finished the season 26-1. Commissioner Landis commended the team on a job well done, and thanked them for their excellent representation of Tuscarawas County sportsmanship, teamwork, and athletics.

Jane Clay, Executive Assistant and Park Coordinator, was pleased to present the following to the Board, thanking all those who volunteer their time and dedication to maintaining and developing the trails in Tuscarawas County:

## Adopt-A-Trail

TUSCParks is teaming up with local corporations, service organization and volunteers to develop the Adopt-A-Trail program. This program, which was implemented in 2018, aims to assist with keeping a 6-mile section of the Ohio & Erie Canal Towpath Trail litter-free, brush-free and visually-improved.

Working in partnership with corporations, service organization, non-profit organizations and individuals, TUSCParks is recruiting community organizations or individuals that are interested in assisting with cleanups, landscaping and activation along the Ohio & Erie Canal and Towpath Trail from Ft. Laurens to State Route 800 as per the program agreement. Those interested would adopt a designated section of trail where they will organize at least 4 Adopt-A-Trail activities through the calendar year.

"This is an opportunity for people to have a sense of ownership on this valuable public resources", said Jane Clay, Park Coordinator.

The Bolivar Zoar Rotary and Larry Sylverson have already signed up to participate in the program with Starlight Enterprises Incorporated in the process of considering an application/agreement. I have had contact with another potential "adopter" as well.

If you are interested in becoming a supporting member of the Adopt-A-Trail program, please contact Jane Clay, Park Coordinator at 330-365-3278 or [parkdept@co.tuscarawas.oh.us](mailto:parkdept@co.tuscarawas.oh.us).



*Bolivar-Zoar Rotary Participants*

*Larry Sylverson Adoption Area*

**NO OTHER BUSINESS COMING BEFORE THE BOARD.**

### **RESOLUTION (202-2019) ADJOURN**

It was moved by Commissioner Landis, seconded by Commissioner Abbuhl, to adjourn at 1:36 p.m. to meet in Regular Session, Monday, the 18<sup>th</sup> day of March, 2019.

**VOTE:**

Joe Sciarretti, yes;  
Chris Abbuhl, yes;  
Al Landis, yes;

*We hereby certify the above and foregoing to be a true and correct account of the proceedings as had by and before us on the day and year first written above.*

  
\_\_\_\_\_  
Joe Sciarretti

  
\_\_\_\_\_  
Chris Abbuhl

  
\_\_\_\_\_  
Al Landis

Attest:   
\_\_\_\_\_  
Adam Stifgenbauer, Clerk