AMHERST TOWN COUNCIL
AGENDA
Wednesday, September 11, 2024
Meeting at 7:00 p.m.
Town Hall, 174 S. Main Street, Amherst, VA 24521

A. **Call to Order for the Town Council– 7:00 p.m. -** *Mayor Tuggle*

B. **Pledge of Allegiance -** *I pledge allegiance to the Flag of the United States of America, and to the Republic for which it stands, one Nation under God, indivisible, with liberty and justice for all.*

C. **Invocation -** *Any invocation that may be offered before the official start of the Amherst Town Council meeting shall be the voluntary offering to, and for, the benefit of the Council. The views or beliefs expressed by the invocation speaker have not been previously reviewed or approved by Council and do not necessarily represent the religious beliefs or views of the Council in part or as a whole. No member of the audience is required to attend or participate in the invocation, and such decision will have no impact on their right to participate actively in the business of the Council. Copies of the policy governing invocations and setting forth the procedure by which a volunteer may deliver an invocation are available upon request at the Town Hall.*

D. **Public Hearings and Presentations**

1. **Public Hearing for Code Amendment for Reduction of Sped Limits for Construction (Pgs. 1-2)-** *Sara McGuffin-* A public hearing has been set and notified for Council to consider a Code amendment that wll allow the Town Manager to lower the speed limit on a road during construction. There is a sixty day time limit for this authority, which may be renewed during construction.

2. **Public Hearing for Code Amendment for Reduction of Speed Limits Based upon a Traffic and Engineering Investigation (Pgs. 3-4)-** *Sara McGuffin-* A public hearing has been set and notified for Council to consider a Code amendment that will allow the Town Manager to reduce speed limits at the direction of Council after a traffic and engineering investigation, as provided for in State Code.

3. **Public Hearing for Code Amendment for Reduction of Speed Limits Below 25 (Pgs. 5-6)-** *Sara McGuffin-* A public hearing has been set and notified for Council to consider a Code amendment that would allow the Town Manager to reduce speed limits at the direction of Council, if the speed limit for the road is already set at 25 mph and the Town wishes to further reduce that limit.

E. **Citizen Comments -** *Per the Town Council's policy, any individual desiring to speak before the Council who has not met the agenda deadline requirement will be allowed a maximum of three minutes to speak before the Town Council. Any individual representing a bona fide group will be allowed a maximum of five minutes to speak before the Town Council. Placement on the agenda is at the Mayor's discretion.*

F. **Consent Agenda –** *Items on the consent agenda can be voted on as a block if all are in agreement with the recommended action or discussed individually.*

1. **Town Council Minutes (Pgs. 7-14)** *– Drafts of the August 14th meeting minutes are **attached**. Please let Vicki Hunt know of any concerns by Wednesday morning so that any needed corrections can be presented at the meeting.*

2. **Check approval (Pgs. 15-30)-** *The check register for the month of August 2024 is **attached.** Please let Tracie Morgan know if you have any concerns by Wednesday morning so that any needed documentation will be available at the meeting. All invoices will be available for review.*

G. **Correspondence and Reports**

1. **Staff Reports (Pgs. 31-185)**

a. Manager Monthly Report- ***attached***
b. Police Chief Monthly Report - ***attached***
c. Office Manager Monthly Report - ***attached***
d. Clerk of Council Monthly Report- ***attached***
e. Public Works Monthly Reports- ***attached***

2. Other Reports (Pgs. 186-187)
a. Planning Commission
b. Economic Development Authority- *met September 2, 2024, minutes attached*
c. Robert E. Lee SWCD

H. Discussion Items

1. Consideration of process for speed limit reductions (Pgs. 188-189)- *Sara McGuffin*- At the request of Council, staff has provided a proposed process for how speed limit reduction proposals will be held in the future. Staff seeks comment and approval on the proposal.

2. Investigation of Macadam Road (Pgs. 190-194)- *Sara McGuffin*- Staff has worked with the Town Engineer to complete a traffic investigation of Macadam Road, following the safety investigation completed by the Police Chief. Staff requests Council's permission to pursue a permanent reduction of the speed limit on Macadam Road, per the process approved by Council. Should Council wish to proceed with this permanent speed reduction, staff will officially notify VDOT of the Town's intent, and provide a resolution at next month's meeting for adoption by the Council.

3. Adoption of FY 26 Budget and CIP Calendar (Pg. 195)- *Tracie Morgan*- Attached is the proposed CIP and Budget calendar for the next fiscal year. Staff recommends approval of the calendar.

4. Request Contingent Appropriation of Funds for Sunset Drive Waterline (Pg. 196)- *Sara McGuffin***-** The Town received three bids for the Sunset Drive waterline project. The difference between the low bid and the amount that VDH has awarded the Town is $173,962. Staff requests that the Council provide appropriation of the funds to meet this difference, contingent on staff being unable to obtain additional funds from VDH. Alternatively, the Town could choose to exclude Sunset Heights from the project, and the difference would be $46,062. Staff recommends appropriation of the $173,963, as there is inadequate fire protection on Sunset Heights.

5. Award of bid for Sunset Drive waterline (Pgs. 197-206)- *Sara McGuffin*- The low bidder for the Sunset Drive waterline project is Atkins Excavating, Inc. from Greenville, Virginia. The total bid amount is $1,359,541, with current funds available from VDH of $1,163,576.

6. Appropriation of funds for sludge removal from digesters at WWTP (Pg. 207)- *Sara McGuffin and Gary Williams*- Staff has requested that Council allow expenditure of funds to allow the digesters at the Wastewater Treatment Plant to be emptied to allow the startup of the new centrifuge Previously, the percentage of solids were too high, as the Town has a high level of stored solids due to using drying beds to manage sludge. Staff has been addressing this issue, and the centrifuge has been started. Staff requests Council's appropriation of $100,000 from the wastewater reserve funds for this purpose.

7. Appropriation of funds for fencing at the Raw Water Intake (Pgs. 208-211)- *Gary Williams*- After an incident of vandalism and one of tampering at the Raw Water Intake, staff requests appropriation of funds to construct fencing at the Intake. The cost is $10,864, and these funds would be taken from the water reserve fund. Staff recommends appropriation of these funds.

8. Approval of street closure for Christmas Parade- *Sara McGuffin*- Per Town Code, approval must be granted by Council for any event with closures of public streets. The Christmas Parade is being planned for December 6th, with a theme of "Christmas at the Zoo." Staff requests a motion for Council approval of the parade street closure.

9. **Consideration of Proposals for Main Street Improvement Plans (Pgs. 212-218)-** *Sara McGuffin*- At the June Council meeting, Council considered proposals for engineering services to provide design services to upgrade areas of Main Street.

   a. *South Main Street between W. Court Street and Second Street*- This proposal would evaluate the west side of South Main Street between West Court Street and the traffic light and provide three scenarios to consider that would improve the appearance and walkability of the block. The three scenarios would be reviewed with citizens and property owners for consideration. Proposal cost is $11,400.

   b. *Medians on North and South Main Street*- This proposal would evaluate eleven possible locations for landscaped medians along North and South Main Street. The proposed locations with the concept plan could then be taken to the community for their consideration. Cost for this proposal is $15,800.

10. **Economic Development Authority Appointment (Pgs. 219-220)-** *Sara McGuffin- There is an existing vacancy on the Economic Development Authority. Staff has advertised the vacancy and requests that Council make an appointment for the remainder of the term.*

I. Matters from Staff

J. Citizen Comments

K. Matters from Town Council

L. Anticipated Town Council Agenda Items for Next Month

M. Adjournment

MOTION: _____
SECOND: _____

Regular Meeting
September 11, 2024
Ord. No.

ORDINANCE OF THE TOWN OFAMHERST

AN ORDINANCE AMENDING THE TOWN OF AMHERST CODE OF ORDINANCES TO ADD PROVISIONS TO CHAPTER 20 – TRAFFIC AND VEHICLES TO INCLUDE AUTHORIZATION FOR TOWN MANAGER TO REDUCE SPEED LIMITS DURING CONSTRUCTION OR REPAIR OF ROADS

WHEREAS, Virginia Code § 46.2-1300(A)(2) allows the governing body of towns to authorize the Town Manager to reduce the speed limit on highways within its boundaries where there is construction or repair work being performed; and

WHEREAS, the reduction of speed due to construction is for a temporary period, not to exceed 60 days; and

WHEREAS, after reviewing citizen comments, and the recommendations of the Police Chief and Town Staff, the Council desires to authorize the Town Manger to reduce the speed limits on certain highways in the Town where there is construction or repairs are occurring; and

WHEREAS, the full text of this amendment was available for public inspection in the Town Hall located at 174 S. Main Street, Amherst, Virginia.

NOW THEREFORE, BE IT ORDAINED THAT THE AMHERST TOWN COUNCIL

Section 20-xx. Powers of Town Manager to reduce speed limits during construction or repair

The town manager is authorized to reduce for a temporary period not to exceed 60 days, without such engineering and traffic investigation, the speed limit on any portion of any highway of the town on which work is being done or where the highway is under construction or repair.

This ordinance was adopted on September 11, 2024.

_____
D. Dwayne Tuggle, Mayor

ATTEST:

_____
Clerk of the Council

MOTION: _____
SECOND: _____

Regular Meeting
September 11, 2024
Ord. No.

ORDINANCE OF THE TOWN OFAMHERST

AN ORDINANCE AMENDING THE TOWN OF AMHERST CODE OF ORDINANCES TO ADD PROVISIONS TO CHAPTER 20 – TRAFFIC AND VEHICLES TO INCLUDE AUTHORIZATION BY TOWN MANAGER TO REDUCE SPEED LIMIT ON HIGHWAYS WITHIN THE TOWN AFTER AN ENGINEERING AND TRAFFIC INVESTIGATION

WHEREAS, Virginia Code § 46.2-1300(A)(1) allows the governing body of towns to authorize the Town Manager to reduce the speed limit on highways within its boundaries after an engineering and traffic investigation is performed; and

WHEREAS, the reduced speed area must be clearly indicated by markers or signs; and

WHEREAS, after reviewing citizen comments, and the recommendations of the Police Chief and Town Staff, the Council desires authorize the Town Manger to increase or decrease the speed limits on certain highways in the Town after obtaining an engineering and traffic investigation; and

WHEREAS, the full text of this amendment was available for public inspection in the Town Hall located at 174 S. Main Street, Amherst, Virginia.

NOW THEREFORE, BE IT ORDAINED BY THE AMHERST TOWN COUNCIL that the Town of Amherst Code of Ordinances are amended and reenacted as follows:

Sec. 20-xx. Powers of Town Manager to increase or decrease speed limits after investigation

The town manager is authorized to increase or decrease the speed limit on certain highways within the town, provided such increase or decrease in speed shall be based upon an engineering and traffic investigation by the town and provided such speed area or zone is clearly indicated by markers or signs. Prior to the Town Manager taking any action to reduce the speed limit, the Town Council must authorize the engineering and traffic investigation on a case by case basis,

This ordinance was adopted on September 11, 2024.

_____
D. Dwayne Tuggle, Mayor

ATTEST:

_____
Clerk of the Council

MOTION: _____
SECOND: _____

Regular Meeting
September 11, 2024
Ord. No.

ORDINANCE OF THE TOWN OFAMHERST

AN ORDINANCE AMENDING THE TOWN OF AMHERST CODE OF ORDINANCES TO ADD PROVISIONS TO CHAPTER 20 – TRAFFIC AND VEHICLES TO INCLUDE AUTHORIZATION FOR TOWN MANAGER TO REDUCE AND RESTORE SPEED LIMIT ON HIGHWAYS WITHIN THE TOWN THAT ARE POSTED AT 25 MPH

WHEREAS, the Virginia General Assembly adopted House Bill 1071 (codified in Virginia Code § 46.2-1300), effective July 1, 2024, which allows the governing body of towns to reduce the speed limit to less than 25 Miles Per Hour (MPH), but not less than 15 MPH, on highways within its boundaries that are located in a business district or residential district; and

WHEREAS, Virginia Code § 46.2-1300 allows the governing body of towns to authorize its chief administrative officer to reduce the speed limit to less than 25 MPH, but not less than 15 MPH on highways within its boundaries; and

WHEREAS, Virginia Code § 46.2-1300 requires that the locality provide written notice to the Commissioner of Highways at least 30 days prior to the reduction in speed limit; and

WHEREAS, Council has reviewed citizen comments, and the recommendations of the Police Chief and Town Staff, the Council desires to authorize the Town Manager to reduce the speed limits on certain highways in the Town, provided that all state regulations are followed; and

WHEREAS, the full text of this amendment was available for public inspection in the Town Hall located at 174 S. Main Street, Amherst, Virginia.

NOW THEREFORE, BE IT ORDAINED BY THE AMHERST TOWN that the Town of Amherst Code of Ordinances are amended and reenacted as follows:

Sec *20.xx – Powers of Town Manger to reduce posted 25mph speed limit and enforcement*

a. The town manager is authorized to reduce the speed limit to less than 25 miles per hour, but not less than 15 miles per hour, on any highway within the town, including those in the state highway system, located in a business district or residence district for which the existing posted speed limit is 25 miles per hour, and restore a speed

limit that had been reduced pursuant to this subsection to the speed limit that had been previously posted at that location, provided that such reduced or restored speed limit is indicated by lawfully placed signs. At least 30 days prior to changing a speed limit on any highway in the state highway system pursuant to this subsection, the town shall provide written notice of the change to the Commissioner of Highways. The town manager shall receive the consent of Town Council prior to any reduction or restoration on a specific highway; and,

b. The revised speed limit shall be enforced by the Amherst Town Police Department and any other authorized law enforcement agency in the same manner as all other speed limits which may have been approved by the Commissioner of Highways.

This ordinance was adopted on September 11, 2024.

_____
D. Dwayne Tuggle, Mayor

ATTEST:

_____
Clerk of the Council

Mayor D. Dwayne Tuggle called a regular monthly meeting of the Amherst Town Council to order on July 10, 2024, at 7:00 P.M. in the Council Chambers of the Town Hall at 174 S. Main Street.

It was noted that a quorum was present as follows:

P	D. Dwayne Tuggle	A	Andra Higginbotham
A	Janice N. Wheaton	P	Michael Driskill
P	Sharon W. Turner	P	Kenneth S. Watts

Also present were the following staff members:

Sara E. McGuffin	Town Manager	Ryan Watts	Police Captain
Kelley Kemp	Town Attorney	Gary Williams	Director of Plants
Tracie Morgan	Dep. Town Manager/Treas.	Gary Smith	Plants Maintenance Supervisor
Vicki K. Hunt	Clerk of Council	Becky Cash	Water/Wastewater Operator

Recitation of the Pledge of Allegiance to the Flag was followed by an invocation by Harold Thomas.

Mayor Tuggle gave a report on completion of the process to select a new Police Chief. The process included recruitment, screening, and interviews by a qualified firm, followed by interviews by Town Council.

Mr. Driskill made a motion that was seconded by Ms. Turner to approve and appoint Ryan Watts as the Amherst Police Chief.

There being no discussion, the motion carried 2-0-1 via the roll call method as follows:

D. Dwayne Tuggle		Andra Higginbotham	Absent
Janice N. Wheaton	Absent	Michael Driskill	Aye
Sharon Turner	Aye	Kenneth Watts	Abstain

The appointment was followed by the award and pinning of new Police Chief Watts by his wife, Kristina, and Interim Police Chief Greg Harler.

Plants Maintenance Supervisor Smith gave a report on a proposed amendment to Town Code Chapter 12, Offenses and Miscellaneous Provisions that would, if approved, add new provisions for unauthorized use of water from fire hydrant, and tampering, damaging Town property.

Mayor Tuggle opened a duly advertised public hearing on the proposed amendments to Town Code Chapter 12, Offenses and Miscellaneous Provisions at 7:06 P.M.

There being no one present or otherwise who wished to speak on the matter, the public hearing closed at 7:07 p.m.

Mr. Watts made a motion that was seconded by Mr. Driskill to approve the proposed amendments to Town Code Chapter 12, Offenses and Miscellaneous Provisions adding new provisions to include unauthorized use of water from fire hydrant, and tampering, damaging Town property, as recommended by staff.

There being no discussion the motion carried 3-0 via the roll call method as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

A copy of the Ordinance is attached to and made part of these minutes.

Town Manager McGuffin gave a report on the following proposed sign amendments:

(a) Sec. 24-576(g) – Signs permitted in all sign districts, allowing provisions for signs and/or flags to be displayed during business hours, and (h) providing for LED signs inside of business windows;

(b) Sec. 24-580(7) - Signs prohibited in all sign districts, prohibiting flutter flags as permanent signs;

(c) Section 24-2(g) – Definitions and Rules of Construction, to amend the definition of "signs."

Mayor Tuggle opened a duly advertised public hearing at 7:18 PM on the proposed amendment to Town Zoning Ordinance Chapter 24-2(g), Definitions and Rules of Construction, that would, if approved, amend the definition of "signs."

Sonny Sundaramurthy, Town of Amherst resident, came forward in opposition of the proposed amended definition of signs and proposed restrictions placed on inside LED signs.

Angela Sundaramurthy, Town of Amherst resident and business owner, came forward in opposition to limiting the amount of LED signs inside of a business.

There being no one else present or otherwise who wished to speak on the matter, the public hearing closed at 7:15 p.m.

Mayor Tuggle opened a duly advertised public hearing at 7:15 PM on the proposed new provision to Town Zoning Ordinance Sec. 24-580(7) - Signs prohibited in all sign districts, prohibiting flutter flags as permanent signs.

There being no one present or otherwise who wished to speak on the matter, the public hearing closed at 7:15 p.m.

Mayor Tuggle opened a duly advertised public hearing at 7:16 PM on the proposed new provision to Town Zoning Ordinance Sec. 24-576(g) – Signs permitted in all sign districts, allowing provisions for signs and/or flags to be displayed during business hours, and (h) providing for LED signs inside of business windows.

There being no one present or otherwise who wished to speak on the matter, the public hearing closed at 7:16 p.m.

Town Manager McGuffin recommended that the entirety of the sign ordinance be remanded to the Planning Commission for review and revision for presentation to Town Council.

Ms. Turner made a motion that was seconded by Mr. Watts to direct the Planning Commission to review and revise the sign ordinances, as recommended by staff.

There being no discussion, the motion carried 3-0 via the roll call method as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

The matter was deferred.

Tobey Thurston came forward on behalf of the Apple Harvest Festival to request permission for a partial street closure of Lancer Lane for the festival to be held on October 19-20, 2024.

Ms. Turner made a motion that was seconded by Mr. Driskill to approve the request for the partial street closure and direct staff to prepare the application for street closure permit from VDOT.

There being no discussion, the motion carried 3-0 via the roll call method as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

Ms. Turner made a motion that was seconded by Mr. Watts to approve a Resolution honoring former Police Chief Robert A. Shiflett II, commemorating his service and accomplishments to the Town of Amherst.

There being no discussion, the motion carried 3-0 via the roll call method as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

The resolution was presented to Robert A. Shiflett by Mayor Tuggle.

A copy of the resolution is attached to and made a part of these minutes.

Mayor Tuggle opened the floor to citizen comments.

There being no one listed to speak on the citizen comment sign-in sheet, or otherwise, no other comments were made.

Ms. Turner made a motion that was seconded by Mr. Watts to approve the minutes of the meeting held on June 12, 2024, as presented.

There being no discussion, the motion carried 3-0 via the roll call method as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

Ms. Turner made a motion that was seconded by Mr. Driskill to approve the minutes of the meeting held on June 27, 2024, as presented.

There being no discussion, the motion carried 2-0-1 via the roll call method as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Abstain

Mr. Watts made a motion that was seconded by Mr. Driskill to approve the June 2024 check registry as presented with the exception of Item #6160 Hill Hardware.

There being no discussion, the motion carried 3-0 via the roll call method as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

Mr. Watts made a motion that was seconded by Mr. Driskill to approve Item #6160 Hill Hardware on the June 2024 check registry, as presented.

There being no discussion, the motion carried 2-0-1 via the roll call method, as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Abstain		Kenneth Watts	Aye

Deputy Town Manager/Treasurer Morgan gave a report on bids received in response to the Request for Proposal for Advanced Metering Infrastructure. Staff recommended award of the bid to Consolidated Pipe in the amount of $511,992.00 with an annual cost of $16,300.00 as stated in the proposal, and further requested an appropriation of $572,000.00 from the water fund to cover the cost of the proposed contract plus an additional $60,000.00 in contingencies for any unexpected costs associated with the project.

Mr. Driskill made a motion that was seconded by Mr. Watts to award the bid for Advanced Metering Infrastructure to Consolidated Pipe in the amount of $511,992.00 and appropriate $572,000.00 to the project from the water fund.

After discussion, the motion carried 3-0 via the roll call method, as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

Town Manager McGuffin gave a report on existing vacancies on various boards.

Mr. Driskill made a motion that was seconded by Mr. Watts to make a recommendation to the Circuit Court for the appointment of the following individual to the board and for the term listed below subject to his willingness to serve.

Board	**Appointed**	**Term of Office**
Board of Zoning Appeals	Jason David Eagle	09/01/24 – 08/31/29

There being no discussion, the motion carried 3-0 via the roll call method, as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth Watts	Aye

Mayor Tuggle opened the floor to citizen comments.

There being no one listed to speak on the citizen comment sign-in sheet, or otherwise, no comments were made.

There being no further business, on motion of Mr. Driskill and seconded by Ms. Turner at 7:37 PM the meeting adjourned until August 14, 2024, at 7:00 p.m.

The motion carried 3-0 as follows:

D. Dwayne Tuggle			Andra Higginbotham	Absent
Janice N. Wheaton	Absent		Michael Driskill	Aye
Sharon Turner	Aye		Kenneth S. Watts	Aye

_____

D. Dwayne Tuggle, Mayor

ATTEST: _____

Clerk of Council

MOTION: Kenneth Watts
SECOND: Michael Driskill

Regular Meeting
July 10, 2024
Ord. No.240710

ORDINANCE OF THE TOWN OFAMHERST

AN ORDINANCE AMENDING THE TOWN OF AMHERST CODE OF ORDINANCES TO ADD PROVISIONS TO CHAPTER 12 – OFFENSES AND MISCELLANEOUS PROVISIONS TO INCLUDE UNAUTHORIZED USE OF WATER FROM FIRE HYDRANT, AND TAMPERING, DAMAGING TOWN PROPERTY.

WHEREAS, Sections 15.2-1427 and 15.2-1433 of the Code of Virginia, 1950, as may be amended from time to time, enable a local governing body to adopt, amend, and codify ordinances or portions thereof; and

WHEREAS, the Town Council wishes to add new provisions to include unauthorized use of water from fire hydrants and to protect the town's utilities; and,

WHEREAS, the proper advertisement and public hearing was conducted as required by law; and

WHEREAS, the full text of this amendment was available for public inspection in the Town Hall located at 174 S. Main Street, Amherst, Virginia.

NOW THEREFORE, BE IT ORDAINED BY THE AMHERST TOWN COUNCIL that Chapter 12 of Town of Amherst Town Code is amended and reenacted as follows:

SEC. xx-xx UNAUTHORIZED USE OF WATER FROM FIRE HYDRANT.

No person shall take or use any water from a fire hydrant or other outlet connected with mains supplied with water by the waterworks of the Town for any purpose other than the extinguishing of a fire by duly recognized fire department personnel, unless such use shall have been first authorized by the Town Manager in writing, and in the event such use is not for a public purpose in the Town, until and unless the charge for any such water to be so taken or used shall be paid in advance or agreed to be paid. Unless otherwise specifically provided, any person convicted of a violation of this section shall be held responsible for any fiscal liabilities associated with the unauthorized use and shall be guilty of a class one misdemeanor.

SEC. xx-xx TAMPERING, DAMAGING TOWN PROPERTY.

It shall be unlawful for any person to open or tamper with, including the obstruction of, any water meter, meter box, lid, valve, valve box, manhole, fire hydrant, pipe, fence, building, reservoir or any property of the town used in connection with the town's water and sewer system. The town shall have the right to discontinue service to the property on which the tampering occurred and/or remove the obstruction, including, but not limited to, the towing of vehicles blocking access to the

towns water meters or other facilities, without liability therefore, in order to protect the health and safety of its customers, prevent or stop the theft of service and to access, repair or maintain its infrastructure, incidents of tampering with or obstruction of town utility facilities shall be reported to the town police department or other appropriate law enforcement agency for investigation and may be prosecuted civilly or criminally pursuant to the code of Virginia.

This ordinance was adopted on July 10, 2024.

_____
D. Dwayne Tuggle, Mayor

ATTEST:

_____
Clerk of the Council

Resolution
of the
Town Council of the Town of Amherst

WHEREAS, Robert A. Shiflett II was appointed and agreed to serve as the Town of Amherst Police Chief from November 27, 2017, through March 31, 2024; and

WHEREAS, Robert A. Shiflett, II, during his career in law enforcement, worked at the Albemarle County Sheriff's Office and the Louisa Police Department; and

WHEREAS, Robert A. Shiflett II, through dedication and hard work, led the Town of Amherst Police Department in becoming the smallest police department to become a State Accredited law enforcement agency; and

WHEREAS, Robert A. Shiflett, II, for the betterment of the police department and the Town, worked with passion and perseverance to grow the department by keeping it current with state of the art equipment and vehicles and overseeing renovations of the new police department building; and

WHEREAS, Robert A. Shiflett, II has rendered loyal and dedicated service to the residents of the Town of Amherst and surrounding area through the establishment of programs and events that gave the department the opportunity to interact with the community in a positive way. The annual Toy Drive, Halloween Trunk or Treat, and the First Responders Parade and Celebration have become long-standing traditions bringing joy to residents and visitors alike because of his efforts; and,

WHEREAS, the Town Council of the Town of Amherst wishes to acknowledge the services that Robert A. Shiflett, II has given to his community and also to express its appreciation for all that he has done and will continue to do for the Town of Amherst; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of the Town of Amherst does, on this date, acknowledge the outstanding service that Robert A. Shiflett, II has given to our community; and

BE IT FURTHER RESOLVED that the Town Council of the Town of Amherst hereby declares that the Town of Amherst has been greatly improved as a result of Robert A. Shiflett, II's tenure as Police Chief for the Town of Amherst; and

FINALLY, BE IT RESOLVED the Clerk of the Council of the Town of Amherst is ordered to deliver an original copy of this Resolution to Robert A. Shiflett, II as a token of the Council's deep appreciation for his contributions to our community and that this resolution be spread upon the minute books of the Town Council of the Town of Amherst as a tribute to a

Good Neighbor and a Friend of the Town of Amherst

Adopted July 10, 2024.

_____
D. Dwayne Tuggle, Mayor

Attest:

_____
Clerk of Council

Range of Checking Accts: First to Last Range of Check Dates: 08/01/24 to 08/31/24
Report Type: All Checks Report Format: Detail Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor / PO #	Item	Description	Amount Paid	Charge Account	Account Type	Reconciled/Void	Ref Num	Ref Seq	Acct
GENERAL		FIRST NATION MAIN CHECKING									
6257	08/06/24	AMERI005 AMERICAN FIDELITY ASSURANCE CO							290		
		25-00004	1	JULY DEDUCTION CHECKS	155.60	100-2-21500-0000 AMERICAN FIDELITY DISABILITY W/HOLDING	G/L			1	1
		25-00004	2	JULY DEDUCTION CHECKS	24.22	100-2-21600-0000 CANCER W/HOLDING	G/L			2	1
		25-00004	3	JULY DEDUCTION CHECKS	174.67	100-2-21950-0000 AMERICAN FIDELITY LIFE W/HOLDING	G/L			3	1
		25-00004	4	JULY DEDUCTION CHECKS	55.60	501-2-21500-0000 AMERICAN FIDELITY DISABILITY W/HOLDING	G/L			4	1
		25-00004	5	JULY DEDUCTION CHECKS	30.42	501-2-21600-0000 CANCER W/HOLDING	G/L			5	1
		25-00004	6	JULY DEDUCTION CHECKS	55.60	502-2-21500-0000 AMERICAN DISABILITY W/HOLDING	G/L			6	1
		25-00004	7	JULY DEDUCTION CHECKS	30.42	502-2-21600-0000 CANCER W/HOLDING	G/L			7	1
		25-00004	8	JULY DEDUCTION CHECKS	60.77	502-2-21950-0000 AMERICAN FIDELITY LIFE W/HOLDING	G/L			8	1
					587.30						
6258	08/06/24	CAMPB010 CAMPBELL'S HEATING & AIR							290		
		V5-00036	1	REPAIR OP BUILDING AIR HANDLER	120.00	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure			20	1
6259	08/06/24	DISCO005 DISCOUNT PORTABLE RESTROOMS							290		
		V5-00041	1	RESTROOM	100.00	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure			25	1
6260	08/06/24	HILLC005 HILL CITY & WOOD CO.							290		
		V5-00040	1	PAPER PRODUCTS	245.64	501-4-44000-6004 LAB SUPPLIES	Expenditure			23	1
		V5-00040	2	PAPER PRODUCTS	196.36	502-4-44000-6004 LAB SUPPLIES	Expenditure			24	1
					442.00						
6261	08/06/24	MINNE005 MINNESOTA LIFE							290		
		25-00005	1	JULY DEDUCTION CHECKS	0.41	501-2-21550-0000 OPT LIFE INS. W/HOLDING	G/L			9	1
		25-00005	2	JULY DEDUCTION CHECKS	52.39	502-2-21550-0000 OPT LIFE INS. W/HOLDING	G/L			10	1
					52.80						
6262	08/06/24	NATIO010 NATIONWIDE RETIREMENT SOLUTION							290		
		25-00006	1	JULY DEDUCTION CHECKS	154.59	100-2-21400-0000 RETIREMENT W/HOLDING	G/L			11	1
		25-00006	2	JULY DEDUCTION CHECKS	278.38	100-2-21900-0000 DEFERRED COMP W/HOLDING	G/L			12	1
		25-00006	3	JULY DEDUCTION CHECKS	202.97	501-2-21400-0000 RETIREMENT W/HOLDINGS	G/L			13	1

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GENERAL		FIRST NATION MAIN CHECKING Continued						
6262		NATIONWIDE RETIREMENT SOLUTION Continued						
25-00006	4	JULY DEDUCTION CHECKS	365.51	501-2-21900-0000 DEFERRED COMP W/H	G/L		14	1
25-00006	5	JULY DEDUCTION CHECKS	152.24	502-2-21400-0000 RETIRMENT W/HOLDING	G/L		15	1
25-00006	6	JULY DEDUCTION CHECKS	274.13	502-2-21900-0000 DEFERRED COMP W/HOLDING	G/L		16	1
			1,427.82					
6263	08/06/24	PACEA005 PACE ANALYTICAL SERVICES, INC.					290	
V5-00034	1	LAB TESTING	20.90	501-4-44000-3140 TESTING SERVICES	Expenditure		18	1
V5-00035	1	LAB TESTING	204.30	502-4-44000-3140 TESTING SERVICES	Expenditure		19	1
V5-00045	1	LAB TESTING	204.30	502-4-44000-3140 TESTING SERVICES	Expenditure		28	1
			429.50					
6264	08/06/24	SUPPL005 THE SUPPLY ROOM					290	
V5-00033	1	OFFICE SUPPLIES	59.45	100-4-12420-6001 OFFICE SUPPLIES	Expenditure		17	1
6265	08/06/24	UNIVA005 UNIVAR					290	
V5-00038	1	CHEMICALS	2,907.00	501-4-44000-6051 CHEMICALS	Expenditure		22	1
V5-00044	1	WTP CHEMICALS	1,364.55	501-4-44000-6051 CHEMICALS	Expenditure		27	1
			4,271.55					
6266	08/06/24	VARUR005 VA RURAL WATER ASSOCIATION					290	
V5-00042	1	2024 VRWA	375.00	100-4-43200-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure		26	1
6267	08/06/24	VDHWA005 VDH-WATERWORKS TECHNICAL ASSIS					290	
V5-00037	1	OPERATION FEE	3,558.00	501-4-44000-5600 PERMITS	Expenditure		21	1
6268	08/09/24	APPAL005 APPALACHIAN POWER					292	
V5-00057	1	STREETLIGHTS 073020224	2,580.10	100-4-41320-5100 STREETLIGHTS	Expenditure		19	1
6269	08/09/24	CENTR005 CENTRAL TECHNOLOGY SOLUTIONS					292	
V5-00067	1	08/01-08/30/2024	632.79	100-4-43200-5230 TELECOMMUNICATION	Expenditure		25	1
6270	08/09/24	CENTV010 CENTRAL VIRGINIA CRIMINAL					292	
V5-00062	1	24-25 ANNUAL ACADEMY DUES	6,396.00	100-4-31100-5810 DUES & MEMBERSHIP	Expenditure		22	1
6271	08/09/24	HILLH005 HILL HARDWARE CORPORATION					292	
V5-00050	1	JULY STATEMENT	16.16	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure		6	1

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GENERAL		FIRST NATION MAIN CHECKING Continued						
6271		HILL HARDWARE CORPORATION Continued						
V5-00050	2	JULY STATEMENT	17.67	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure		7	1
V5-00050	3	JULY STATEMENT	51.50	501-4-44000-8005 EQUIPMENT	Expenditure		8	1
V5-00050	4	JULY STATEMENT	51.49	502-4-44000-8005 VEHICLES	Expenditure		9	1
V5-00050	5	JULY STATEMENT	2.29	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure		10	1
V5-00050	6	JULY STATEMENT	12.89	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure		11	1
V5-00050	7	JULY STATEMENT	1.99	100-4-43200-6009 VEHICLE/POWER EQUIPMENT SUPPLIES	Expenditure		12	1
V5-00050	8	JULY STATEMENT	2.98	501-4-44000-8005 EQUIPMENT	Expenditure		13	1
V5-00050	9	JULY STATEMENT	2.99	502-4-44000-8005 VEHICLES	Expenditure		14	1
V5-00050	10	JULY STATEMENT	5.98	100-4-31100-3310 REPAIR & MAINT. SVCS	Expenditure		15	1
V5-00050	11	JULY STATEMENT	4.29	100-4-31100-6032 INVESTIGATION EXPENSE	Expenditure		16	1
			170.23					
6272	08/09/24	IHMCB005 I.H. MCBRIDE SIGN COMPANY					292	
V5-00068	1	BANNERS	5,400.00	100-4-12110-5000 CONTINGENCY REQUIREMENT	Expenditure		26	1
6273	08/09/24	MANSF005 MANSFIELD OIL COMPANY					292	
V5-00047	1	FUEL 07/16-07/31/2024	317.10	100-4-43200-6008 FUEL	Expenditure		1	1
V5-00047	2	FUEL 07/16-07/31/2024	979.00	100-4-31100-6008 FUEL	Expenditure		2	1
V5-00047	3	FUEL 07/16-07/31/2024	187.49	502-4-44000-6008 FUEL/OIL	Expenditure		3	1
			1,483.59					
6274	08/09/24	PACEA005 PACE ANALYTICAL SERVICES, INC.					292	
V5-00048	1	LAB TESTING	204.30	502-4-44000-3140 TESTING SERVICES	Expenditure		4	1
V5-00049	1	LAB TESTING	224.00	502-4-44000-3140 TESTING SERVICES	Expenditure		5	1
V5-00060	1	LAB TESTING	224.00	502-4-44000-3140 TESTING SERVICES	Expenditure		20	1
V5-00061	1	LAB TESTING	224.00	502-4-44000-3140 TESTING SERVICES	Expenditure		21	1
V5-00064	1	LAB TESTING	302.80	501-4-44000-3140 TESTING SERVICES	Expenditure		23	1
			1,179.10					
6275	08/09/24	SANDS005 SANDS ANDERSON PC					292	
V5-00051	1	JULY STATEMENT	5,730.30	100-4-12110-3150 PROFESSIONAL SVCS	Expenditure		17	1

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GENERAL		FIRST NATION MAIN CHECKING Continued									
6276	08/09/24	TENCA005 TENCARVA MACHINERY CO.									292
		V5-00065	1	WWTP RAW PUMP PARTS	58.41	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure			24	1
6277	08/09/24	VERIZ005 VERIZON									292
		V5-00056	1	07/25-8/24/2024	39.99	100-4-43200-5230 TELECOMMUNICATION	Expenditure			18	1
6278	08/16/24	CAMPB005 CAMPBELL'S REPAIR									294
		V5-00076	1	TUBE AND BOLTS	52.03	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure			7	1
		V5-00076	2	TUBE AND BOLTS	8.67	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure			8	1
					60.70						
6279	08/16/24	COLUM005 COLUMN SOFTWARE PBC									294
		V5-00069	1	PLANNING NOTICE	139.63	100-4-81100-3600 ADVERTISING	Expenditure			2	1
6280	08/16/24	CONSO005 CONSOLIDATED PIPE & SUPPLY									294
		V5-00082	1	METERS	948.00	501-4-45000-6007 REPAIR & MAINT. SUPPLIES	Expenditure			14	1
6281	08/16/24	GREGO005 GREGORYS GENERAL AUTO REPAIR									294
		V5-00070	1	OIL CHANGE	64.50	100-4-31100-6009 VEHICLE/POWER EQUIPMENT SUPPLIES	Expenditure			3	1
6282	08/16/24	HARRI010 HARRISONBURG CONSTRUCTION CO.									294
		V5-00078	1	DRAW 1	34,167.00	100-4-43200-8005 EQUIPMENT/VEHICLES	Expenditure			10	1
6283	08/16/24	IHMCB005 I.H. MCBRIDE SIGN COMPANY									294
		V5-00073	1	TRUCK LETTERING	800.00	100-4-43200-6009 VEHICLE/POWER EQUIPMENT SUPPLIES	Expenditure			5	1
6284	08/16/24	PACEA005 PACE ANALYTICAL SERVICES, INC.									294
		V5-00080	1	LAB TESTING	204.30	502-4-44000-3140 TESTING SERVICES	Expenditure			12	1
		V5-00081	1	LAB TESTING	25.90	501-4-44000-3140 TESTING SERVICES	Expenditure			13	1
					230.20						
6285	08/16/24	SUPPL005 THE SUPPLY ROOM									294
		V5-00074	1	TOWELS	40.06	100-4-43200-6005 JANITORIAL SUPPLIES	Expenditure			6	1
6286	08/16/24	TIGER005 TIGER FUEL CO.									294
		V5-00072	1	DIESEL	731.43	100-4-43200-6008 FUEL	Expenditure			4	1

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GENERAL		FIRST NATION MAIN CHECKING Continued						
6287	08/16/24	U-000012 GRANT, CANDICE					294	
25-00007	1	UTILITY REFUND Water	122.58	501-3-16080-0015 PREPAY UTILITIES	Revenue		1	1
6288	08/16/24	UNIVA005 UNIVAR					294	
V5-00079	1	CHEMICALS	6,241.90	501-4-44000-6051 CHEMICALS	Expenditure		11	1
6289	08/16/24	VERIZ005 VERIZON					294	
V5-00077	1	07/02-08/01	200.47	502-4-44000-5230 TELECOMMUNICATIONS	Expenditure		9	1
6290	08/22/24	AMHER030 AMHERST COUNTY MUSEUM AND					296	
V4-00743	1	FY24 DONATION	1,161.11	100-4-72200-5600 MUSEUM CONTRIBUTIONS	Expenditure		1	1
6291	08/22/24	APPAL005 APPALACHIAN POWER					296	
V5-00091	1	ELEC TO 8/15/2024	770.49	100-4-43200-5100 ELECTRIC	Expenditure		9	1
V5-00091	2	ELEC TO 8/15/2024	4,937.51	501-4-44000-5100 ELECTRICAL SVCS	Expenditure		10	1
V5-00091	3	ELEC TO 8/15/2024	4,554.18	502-4-44000-5100 ELECTRICAL SVCS-RUT CRK	Expenditure		11	1
V5-00091	4	ELEC TO 8/15/2024	102.62	502-4-44000-5130 ELECTRICAL SVCS-PUMP STATION	Expenditure		12	1
V5-00091	5	ELEC TO 8/15/2024	99.21	100-4-41320-5100 STREETLIGHTS	Expenditure		13	1
V5-00091	6	ELEC TO 8/15/2024	25.53	701-4-81500-5100 ELECTRICAL SERV.	Expenditure		14	1
			10,489.54					
6292	08/22/24	BBTBA005 TRUIST BANK					296	
V5-00108	1	ZOOM VH	42.00	100-4-12510-3150 I.T. SERVICES	Expenditure		30	1
V5-00108	2	WASABI TM	23.07	100-4-12510-3150 I.T. SERVICES	Expenditure		31	1
V5-00108	3	TREASURER ASSOCI TM	200.00	100-4-12420-5810 DUES & MEMBERSHIPS	Expenditure		32	1
V5-00108	4	UVA TM	185.00	100-4-12420-5501 TRAVEL-MILEAGE/HOTEL/CONFERENCE	Expenditure		33	1
V5-00108	5	AMAZON RW	235.47	100-4-31100-6030 CRIME PREVENTION	Expenditure		34	1
V5-00108	6	AMAZON RW	490.00	100-4-31100-6010 POLICE SUPPLIES	Expenditure		35	1
V5-00108	7	OPE PHONE SM	11.50	100-4-12510-3150 I.T. SERVICES	Expenditure		36	1
V5-00108	8	ADOBE SM	12.99	100-4-12510-6002 I.T. SUPPLIES	Expenditure		37	1
V5-00108	9	USPS SM	11.16	100-4-12110-5210 POSTAGE	Expenditure		38	1
V5-00108	10	K9 ACADEMY LR	242.04	100-4-31100-6003 CANINE SUPPLIES	Expenditure		39	1

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GENERAL FIRST NATION MAIN CHECKING Continued												
6292		TRUIST BANK Continued										
V5-00108				11	TRACTOR SUPPLY GS	199.99	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure			40	1
V5-00108				12	PSI SERVICES GS	126.00	501-4-44000-3140 TESTING SERVICES	Expenditure			41	1
V5-00108				13	TRACTOR SUPPLY CT	238.90	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure			42	1
V5-00108				14	VRWA GW	225.00	501-4-44000-5810 DUES & MEMBERSHIPS	Expenditure			43	1
V5-00108				15	VRWA GW	225.00	502-4-44000-5810 DUES & MEMBERSHIPS	Expenditure			44	1
V5-00108				16	DMV RW	5.00	100-4-31100-6009 VEHICLE/POWER EQUIPMENT SUPPLIES	Expenditure			45	1
V5-00108				17	OLIVE GARDEN RW	24.65	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			46	1
V5-00108				18	POT BELLY RW	14.05	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			47	1
V5-00108				19	PARKING RW	4.00	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			48	1
V5-00108				20	WAWA RW	7.33	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			49	1
V5-00108				21	THE CORNERSTOP CAFE RW	11.00	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			50	1
V5-00108				22	WAWA	9.10	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			51	1
V5-00108				23	THE CORNER CAFE RW	7.50	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			52	1
V5-00108				24	DOUBLETREE	20.40	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			53	1
V5-00108				25	LONGHORN	24.81	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			54	1
V5-00108				26	DOUBLE TREE RW	537.68	100-4-31100-5501 TRAVEL-MILEAGE/CONFERENCE/HOTEL	Expenditure			55	1
V5-00108				27	WALMART RW	115.25	100-4-31100-6030 CRIME PREVENTION	Expenditure			56	1
V5-00108				28	USPS	8.80	100-4-12420-5210 POSTAGE	Expenditure			57	1
						3,257.69						
6293	08/22/24	COLUM005 COLUMN SOFTWARE PBC									296	
V5-00107				1	COUNCIL MEETING	193.91	100-4-12110-3600 ADVERTISING	Expenditure			29	1
6294	08/22/24	COREM005 CORE & MAIN LP									296	
V5-00093				1	2" METER	1,057.08	501-4-45000-6007 REPAIR & MAINT. SUPPLIES	Expenditure			17	1
6295	08/22/24	CUTRA010 CUT-RATE SEPTIC TANK SERVICE									296	
V5-00087				1	SLUDGE REMOVAL	2,500.00	502-4-44000-3120 SLUDGE & TRASH REMOVAL-RUT CRK.	Expenditure			5	1

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GENERAL		FIRST NATION MAIN CHECKING Continued						
6296	08/22/24	GFLEN005 GFL ENVIRONMENTAL					296	
V5-00086	1	SHOOTING RNAGE	26.95	100-4-31100-5800 FIRE RANGE FEES	Expenditure		4	1
V5-00106	1	8/1-8/31	11,092.00	514-4-43200-3160 COLLECTION IN-TOWN	Expenditure		27	1
V5-00106	2	8/1-8/31	1,541.08	514-4-43200-3170 COLLECTION OUT OF TOWN	Expenditure		28	1
			12,660.03					
6297	08/22/24	GREGO005 GREGORYS GENERAL AUTO REPAIR					296	
V5-00095	1	INSPECTION	20.00	100-4-43200-6009 VEHICLE/POWER EQUIPMENT SUPPLIES	Expenditure		18	1
6298	08/22/24	JAMES005 JAMES RIVER EQUIPMENT					296	
V5-00096	1	4066M JOHN DEER	159.52	100-4-43200-6007 REPAIR & MAINT. SUPPLIES	Expenditure		19	1
6299	08/22/24	KUSTO005 KUSTOM SIGNALS, INC					296	
V5-00090	1	EAGLE 3	5,771.40	100-4-31100-8005 VEHICLES/EQUIPMENT	Expenditure		8	1
6300	08/22/24	MGLPR005 MGL PRINTING SOLUTIONS					296	
V5-00102	1	UTILITY BILLS	1,845.00	501-4-12420-6001 OFFICE SUPPLIES	Expenditure		22	1
V5-00102	2	UTILITY BILLS	1,845.00	502-4-12420-6001 OFFICE SUPPLIES	Expenditure		23	1
			3,690.00					
6301	08/22/24	PACEA005 PACE ANALYTICAL SERVICES, INC.					296	
V5-00083	1	LAB TESTING	20.90	501-4-44000-3140 TESTING SERVICES	Expenditure		2	1
V5-00084	1	LAB TESTING	58.20	501-4-44000-3140 TESTING SERVICES	Expenditure		3	1
V5-00101	1	LAB TESTING	204.30	502-4-44000-3140 TESTING SERVICES	Expenditure		21	1
V5-00105	1	LAB TESTING	224.00	502-4-44000-3140 TESTING SERVICES	Expenditure		26	1
			507.40					
6302	08/22/24	SUPPL005 THE SUPPLY ROOM					296	
V5-00092	1	TONER AND CLEANING	390.66	100-4-43200-6005 JANITORIAL SUPPLIES	Expenditure		15	1
V5-00092	2	TONER AND CLEANING	95.98	100-4-43200-6001 OFFICE SUPPLIES	Expenditure		16	1
			486.64					
6303	08/22/24	TIGER005 TIGER FUEL CO.					296	
V5-00103	1	RIVER INTAKE	142.11	501-4-44000-6008 FUEL/OIL	Expenditure		24	1

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GENERAL		FIRST NATION MAIN CHECKING Continued											
6303		TIGER FUEL CO. Continued											
		V5-00104		1	WAUGHS FERRY GEN	170.53	501-4-44000-6008 FUEL/OIL	Expenditure				25	1
						312.64							
6304	08/22/24	TMOBI005 T-MOBILE								296			
		V5-00088		1	7/15-08/14 PD	379.14	100-4-31100-5230 TELECOMMUNICATIONS	Expenditure				6	1
6305	08/22/24	TMOBI005 T-MOBILE								296			
		V5-00089		1	06/15-07/14 PD	379.14	100-4-31100-5230 TELECOMMUNICATIONS	Expenditure				7	1
6306	08/22/24	TMOBI005 T-MOBILE								296			
		V5-00097		1	7/15-8/14 MAIN	147.84	100-4-43200-5230 TELECOMMUNICATION	Expenditure				20	1
6307	08/23/24	VILLA005 VILLAGE GARDEN CLUB								298			
		V4-00745		1	FY 24 DONATION	1,995.73	100-4-72100-5600 VILLAGE GARDEN CLUB CONTRI.	Expenditure				1	1
6308	08/29/24	AMBRI005 AMBRIAR FLORIST								299			
		V5-00120		1	DWAYNE FLOWERS	83.98	100-4-12110-5000 CONTINGENCY REQUIREMENT	Expenditure				29	1
6309	08/29/24	AMERI005 AMERICAN FIDELITY ASSURANCE CO								299			
		25-00009		1	AUGUST 24 PR DEDUCTION CHECKS	151.86	100-2-21500-0000 AMERICAN FIDELITY DISABILITY W/HOLDING	G/L				1	1
		25-00009		2	AUGUST 24 PR DEDUCTION CHECKS	24.22	100-2-21600-0000 CANCER W/HOLDING	G/L				2	1
		25-00009		3	AUGUST 24 PR DEDUCTION CHECKS	170.55	100-2-21950-0000 AMERICAN FIDELITY LIFE W/HOLDING	G/L				3	1
		25-00009		4	AUGUST 24 PR DEDUCTION CHECKS	57.47	501-2-21500-0000 AMERICAN FIDELITY DISABILITY W/HOLDING	G/L				4	1
		25-00009		5	AUGUST 24 PR DEDUCTION CHECKS	30.42	501-2-21600-0000 CANCER W/HOLDING	G/L				5	1
		25-00009		6	AUGUST 24 PR DEDUCTION CHECKS	57.47	502-2-21500-0000 AMERICAN DISABILITY W/HOLDING	G/L				6	1
		25-00009		7	AUGUST 24 PR DEDUCTION CHECKS	30.42	502-2-21600-0000 CANCER W/HOLDING	G/L				7	1
		25-00009		8	AUGUST 24 PR DEDUCTION CHECKS	64.89	502-2-21950-0000 AMERICAN FIDELITY LIFE W/HOLDING	G/L				8	1
						587.30							
6310	08/29/24	AMHER050 AMHERST LAWN & GARDEN, LLC								299			
		V5-00124		1	WEED EATER W SAW AND BUSH	419.48	501-4-44000-6007 REPAIR & MAINT. SUPPLIES	Expenditure				32	1
		V5-00124		2	WEEDEATER	419.48	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure				33	1
						838.96							

Check # / PO #	Check Date / Item	Vendor / Description	Amount Paid	Charge Account	Account Type	Reconciled/Void Ref Num: Contract	Ref Seq	Acct
GENERAL		FIRST NATION MAIN CHECKING Continued						
6311	08/29/24	CITYO005 CITY OF LYNCHBURG					299	
V5-00123	1	DIGESTER SLUDGE REMOVAL	2,049.00	502-4-44000-3120 SLUDGE & TRASH REMOVAL-RUT CRK.	Expenditure		31	1
6312	08/29/24	GOVSM005 GOVSMART, INC.					299	
V5-00121	1	SUPRESSORS	4,455.36	100-4-31100-6010 POLICE SUPPLIES	Expenditure		30	1
6313	08/29/24	IHMCB005 I.H. MCBRIDE SIGN COMPANY					299	
V5-00118	1	2 MILITARY BANNERS	250.00	100-4-12110-5000 CONTINGENCY REQUIREMENT	Expenditure		28	1
6314	08/29/24	MINNE005 MINNESOTA LIFE					299	
25-00010	1	AUGUST 24 PR DEDUCTION CHECKS	0.49	501-2-21550-0000 OPT LIFE INS. W/HOLDING	G/L		9	1
25-00010	2	AUGUST 24 PR DEDUCTION CHECKS	65.11	502-2-21550-0000 OPT LIFE INS. W/HOLDING	G/L		10	1
			65.60					
6315	08/29/24	NATIO010 NATIONWIDE RETIREMENT SOLUTION					299	
25-00011	1	AUGUST 24 PR DEDUCTION CHECKS	154.54	100-2-21400-0000 RETIREMENT W/HOLDING	G/L		11	1
25-00011	2	AUGUST 24 PR DEDUCTION CHECKS	278.30	100-2-21900-0000 DEFERRED COMP W/HOLDING	G/L		12	1
25-00011	3	AUGUST 24 PR DEDUCTION CHECKS	203.00	501-2-21400-0000 RETIREMENT W/HOLDINGS	G/L		13	1
25-00011	4	AUGUST 24 PR DEDUCTION CHECKS	365.56	501-2-21900-0000 DEFERRED COMP W/H	G/L		14	1
25-00011	5	AUGUST 24 PR DEDUCTION CHECKS	152.26	502-2-21400-0000 RETIRMENT W/HOLDING	G/L		15	1
25-00011	6	AUGUST 24 PR DEDUCTION CHECKS	274.16	502-2-21900-0000 DEFERRED COMP W/HOLDING	G/L		16	1
			1,427.82					
6316	08/29/24	PACEA005 PACE ANALYTICAL SERVICES, INC.					299	
V5-00109	1	LAB TEST	45.50	502-4-44000-3140 TESTING SERVICES	Expenditure		18	1
V5-00110	1	LAB TEST	224.00	502-4-44000-3140 TESTING SERVICES	Expenditure		19	1
V5-00113	1	LAB TEST	204.30	502-4-44000-3140 TESTING SERVICES	Expenditure		23	1
V5-00117	1	LAB TEST	2,994.90	502-4-44000-3140 TESTING SERVICES	Expenditure		27	1
			3,468.70					
6317	08/29/24	POSTM005 POSTMASTER, AMHERST					299	
V5-00111	1	AUGUST UTILITY MAILING	343.24	501-4-12420-5210 POSTAGE	Expenditure		20	1
V5-00111	2	AUGUST UTILITY MAILING	343.24	502-4-12420-5210 POSTAGE	Expenditure		21	1
			686.48					

Check # / Check Date / Vendor / PO # / Item	Description	Amount Paid	Charge Account	Account Type	Reconciled/Void Ref Num: Contract	Ref Seq	Acct
GENERAL FIRST NATION MAIN CHECKING Continued							
6318 08/29/24 UNIVA005 UNIVAR							299
V5-00114 1	CHEMICALS	2,907.00	501-4-44000-6051 CHEMICALS	Expenditure		24	1
V5-00115 1	CHEMICALS	3,191.31	501-4-44000-6051 CHEMICALS	Expenditure		25	1
V5-00116 1	CHEMICALS	3,350.00	501-4-44000-6051 CHEMICALS	Expenditure		26	1
		9,448.31					
6319 08/29/24 WILLI005 WILLIAM LYLE CARVER							299
V4-00746 1	Q2 2024	450.00	100-4-31100-5801 ATTORNEY FEES	Expenditure		17	1
V5-00112 1	QUARTER 3 2024	450.00	100-4-31100-5801 ATTORNEY FEES	Expenditure		22	1
		900.00					

Checking Account Totals	Paid	Void	Amount Paid	Amount Void
Checks:	63	0	148,270.72	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	63	0	148,270.72	0.00

Check # / Check Date / Vendor / PO # / Item	Description	Amount Paid	Charge Account	Account Type	Reconciled/Void Ref Num: Contract	Ref Seq	Acct
GENERAL-ACH VENDOR ACH PAYMENTS							
55 08/06/24 COBBT005 COBB TECHNOLOGIES			Direct Deposit				291
V5-00032 1	COLOR COPIES	362.18	100-4-12510-6002 I.T. SUPPLIES	Expenditure		16	1
56 08/06/24 GRAIN005 GRAINGER			Direct Deposit				291
V5-00039 1	FOR WWTP RAW PUMP 2	2,277.55	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure		15	1
57 08/06/24 KRUGE005 KRUGER			Direct Deposit				291
V5-00043 1	DISC FILTER PANELS	6,595.43	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure		1	1
58 08/06/24 VACOR005 VACORP			Direct Deposit				291
V5-00046 1	JULY 24 HYBRID DISABILITY	21.43	502-4-44000-2500 LONG-TERM DISABILITY	Expenditure		2	1
V5-00046 2	JULY 24 HYBRID DISABILITY	19.82	501-4-44000-2500 LONG-TERM DISABILITY	Expenditure		3	1
V5-00046 3	JULY 24 HYBRID DISABILITY	17.99	501-4-44000-2500 LONG-TERM DISABILITY	Expenditure		4	1
V5-00046 4	JULY 24 HYBRID DISABILITY	10.93	100-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		5	1
V5-00046 5	JULY 24 HYBRID DISABILITY	10.93	100-4-31100-2500 STD/LONG-TERM DISABILITY	Expenditure		6	1
V5-00046 6	JULY 24 HYBRID DISABILITY	14.54	100-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		7	1
V5-00046 7	JULY 24 HYBRID DISABILITY	21.54	501-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		8	1
V5-00046 8	JULY 24 HYBRID DISABILITY	16.16	502-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		9	1

Check # / PO #	Check Date / Item	Vendor / Description	Amount Paid	Charge Account	Account Type	Reconciled/Void Ref Num: Contract	Ref Seq	Acct
GENERAL-ACH		VENDOR ACH PAYMENTS Continued						
58 VACORP		Continued						
V5-00046	9	JULY 24 HYBRID DISABILITY	1.60	514-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		10	1
V5-00046	10	JULY 24 HYBRID DISABILITY	4.65	100-4-12420-2500 HYBRID DISABILITY	Expenditure		11	1
V5-00046	11	JULY 24 HYBRID DISABILITY	9.10	501-4-12420-2500 HYBRID DISABILITY	Expenditure		12	1
V5-00046	12	JULY 24 HYBRID DISABILITY	6.07	502-4-12420-2500 HYBRID DISABILITY	Expenditure		13	1
V5-00046	13	JULY 24 HYBRID DISABILITY	0.39	514-4-12420-2500 HYBRID DISABILITY	Expenditure		14	1
			155.15					
59 08/09/24		ANTWO005 BENCHMARK SYSTEMS, INC.		Direct Deposit			293	
V5-00053	1	ADDED MEMORY	108.00	100-4-12510-8001 I.T. EQUIPMENT	Expenditure		4	1
V5-00054	1	07302024 PROCARE	414.75	100-4-12510-3150 I.T. SERVICES	Expenditure		5	1
V5-00055	1	07292024 MICROSOFT	616.00	100-4-12510-5600 MICROSOFT OFFICE SERVICE	Expenditure		6	1
V5-00066	1	ALTARO	210.00	100-4-12510-3150 I.T. SERVICES	Expenditure		14	1
			1,348.75					
60 08/09/24		FISHE005 FISHER AUTO PARTS, INC		Direct Deposit			293	
V5-00058	1	JULY STATEMENT	9.95	100-4-31100-6009 VEHICLE/POWER EQUIPMENT SUPPLIES	Expenditure		7	1
V5-00058	2	JULY STATEMENT	39.35	100-4-43200-6009 VEHICLE/POWER EQUIPMENT SUPPLIES	Expenditure		8	1
V5-00058	3	JULY STATEMENT	17.56	100-4-31100-6010 POLICE SUPPLIES	Expenditure		9	1
V5-00058	4	JULY STATEMENT	19.92	502-4-45000-6007 REPAIR & MAINT. SUPPLIES	Expenditure		10	1
			86.78					
61 08/09/24		TOUGH005 TOUGH RUGGED LAPTOPS		Direct Deposit			293	
V5-00063	1	TOUGH BOOK	837.59	100-4-31100-6010 POLICE SUPPLIES	Expenditure		13	1
62 08/09/24		USABL005 USA BLUE BOOK		Direct Deposit			293	
V5-00059	1	LAB REAGENTS	580.26	502-4-44000-6004 LAB SUPPLIES	Expenditure		11	1
V5-00059	2	LAB REAGENTS	239.75	501-4-44000-6004 LAB SUPPLIES	Expenditure		12	1
			820.01					
63 08/09/24		WWASS005 WW ASSOCIATES		Direct Deposit			293	
V5-00052	1	RETAINER	250.00	501-4-44000-3150 PROFESSIIONAL SVCS	Expenditure		1	1
V5-00052	2	RETAINER	250.00	502-4-44000-3150 PROFESSIONAL SVCS	Expenditure		2	1

Check #	Check Date	Vendor	PO #	Item	Description	Amount Paid	Charge Account	Account Type	Reconciled/Void	Ref Num Contract	Ref Seq	Acct
GENERAL-ACH		VENDOR ACH PAYMENTS Continued										
63		WW ASSOCIATES Continued										
V5-00052				3	RETAINER	3,750.00	502-4-94000-8002 WWTP CENTRIFUGE	Expenditure			3	1
						4,250.00						
64	08/16/24	ANTWO005 BENCHMARK SYSTEMS, INC.					Direct Deposit				295	
V5-00071				1	WARRANTY RENEWAL	339.98	100-4-12510-3150 I.T. SERVICES	Expenditure			2	1
65	08/16/24	VUPS0005 VA UTILITY PROTECTION SERVICE					Direct Deposit				295	
V5-00075				1	JULY TRANSMISSIONS	37.95	501-4-45000-5130 MISS UTILITY	Expenditure			1	1
66	08/23/24	CMCSU005 CMC SUPPLY, INC.					Direct Deposit				297	
V5-00094				1	STOCK	642.32	501-4-45000-6007 REPAIR & MAINT. SUPPLIES	Expenditure			4	1
67	08/23/24	HAROL005 HAROLD BENNETT					Direct Deposit				297	
V5-00098				1	DOG TRAINING	3,000.00	100-4-31100-3320 PROFESSIONAL SERVICES	Expenditure			3	1
68	08/23/24	USABL005 USA BLUE BOOK					Direct Deposit				297	
V5-00085				1	DITCH LEVEL INDICATION	1,419.95	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure			5	1
V5-00085				2	BELTS	194.61	502-4-44000-6007 REPAIR & MAINT. SUPPLIES-RUT. CRK.	Expenditure			6	1
						1,614.56						
69	08/23/24	WITME005 WITMER PUBLIC SAFETY GROUP					Direct Deposit				297	
V5-00099				1	RESPIRATOR	758.59	100-4-31100-6010 POLICE SUPPLIES	Expenditure			1	1
V5-00100				1	ROBINSON	29.31	100-4-31100-6011 UNIFORMS	Expenditure			2	1
						787.90						
70	08/29/24	ANTWO005 BENCHMARK SYSTEMS, INC.					Direct Deposit				300	
V5-00119				1	PREPAID HOURS	1,500.00	100-4-12510-3150 I.T. SERVICES	Expenditure			14	1
71	08/29/24	VACOR005 VACORP					Direct Deposit				300	
V5-00122				1	AUG 24 HYBRID DISABILITY	21.43	502-4-44000-2500 LONG-TERM DISABILITY	Expenditure			1	1
V5-00122				2	AUG 24 HYBRID DISABILITY	19.82	501-4-44000-2500 LONG-TERM DISABILITY	Expenditure			2	1
V5-00122				3	AUG 24 HYBRID DISABILITY	17.99	501-4-44000-2500 LONG-TERM DISABILITY	Expenditure			3	1
V5-00122				4	AUG 24 HYBRID DISABILITY	10.93	100-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure			4	1
V5-00122				5	AUG 24 HYBRID DISABILITY	10.93	100-4-31100-2500 STD/LONG-TERM DISABILITY	Expenditure			5	1
V5-00122				6	AUG 24 HYBRID DISABILITY	14.54	100-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure			6	1

Check # / PO #	Check Date / Item	Vendor / Description	Amount Paid	Charge Account	Account Type	Reconciled/Void Ref Num: Contract	Ref Seq	Acct
GENERAL-ACH		VENDOR ACH PAYMENTS Continued	Continued					
71 VACORP		Continued						
V5-00122	7	AUG 24 HYBRID DISABILITY	21.54	501-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		7	1
V5-00122	8	AUG 24 HYBRID DISABILITY	16.16	502-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		8	1
V5-00122	9	AUG 24 HYBRID DISABILITY	1.60	514-4-12110-2500 STD/LONG-TERM DISABILITY	Expenditure		9	1
V5-00122	10	AUG 24 HYBRID DISABILITY	4.65	100-4-12420-2500 HYBRID DISABILITY	Expenditure		10	1
V5-00122	11	AUG 24 HYBRID DISABILITY	9.10	501-4-12420-2500 HYBRID DISABILITY	Expenditure		11	1
V5-00122	12	AUG 24 HYBRID DISABILITY	6.07	502-4-12420-2500 HYBRID DISABILITY	Expenditure		12	1
V5-00122	13	AUG 24 HYBRID DISABILITY	0.34	514-4-12420-2500 HYBRID DISABILITY	Expenditure		13	1
			155.10					

Checking Account Totals	Paid	Void	Amount Paid	Amount Void
Checks:	0	0	0.00	0.00
Direct Deposit:	17	0	24,811.25	0.00
Total:	17	0	24,811.25	0.00

Report Totals	Paid	Void	Amount Paid	Amount Void
Checks:	63	0	148,270.72	0.00
Direct Deposit:	17	0	24,811.25	0.00
Total:	80	0	173,081.97	0.00

Totals by Year-Fund Fund Description	Fund	Expend Total	Revenue Total	G/L Total	Total
GENERAL FUND	4-100	3,606.84	0.00	0.00	3,606.84
GENERAL FUND	5-100	83,154.96	0.00	1,566.93	84,721.89
WATER FUND	5-501	35,769.45	122.58	1,311.85	37,203.88
SEWER FUND	5-502	33,616.96	0.00	1,269.86	34,886.82
GARBAGE FUND	5-514	12,637.01	0.00	0.00	12,637.01
IDA FUND	5-701	25.53	0.00	0.00	25.53
Year Total:		165,203.91	122.58	4,148.64	169,475.13
Total Of All Funds:		168,810.75	122.58	4,148.64	173,081.97

Totals by Fund Fund Description	Fund	Expend Total	Revenue Total	G/L Total	Total
GENERAL FUND	100	86,761.80	0.00	1,566.93	88,328.73
WATER FUND	501	35,769.45	122.58	1,311.85	37,203.88
SEWER FUND	502	33,616.96	0.00	1,269.86	34,886.82
GARBAGE FUND	514	12,637.01	0.00	0.00	12,637.01
IDA FUND	701	25.53	0.00	0.00	25.53
Total Of All Funds:		168,810.75	122.58	4,148.64	173,081.97

Fund Description	Fund	Current	Prior Rcvd	Prior Open	Paid Prior	Fund Total
GENERAL FUND	4-100	3,606.84	0.00	0.00	0.00	3,606.84
GENERAL FUND	5-100	83,154.96	0.00	0.00	0.00	83,154.96
WATER FUND	5-501	35,769.45	0.00	0.00	0.00	35,769.45
SEWER FUND	5-502	33,616.96	0.00	0.00	0.00	33,616.96
GARBAGE FUND	5-514	12,637.01	0.00	0.00	0.00	12,637.01
IDA FUND	5-701	25.53	0.00	0.00	0.00	25.53
Year Total:		165,203.91	0.00	0.00	0.00	165,203.91
Total Of All Funds:		168,810.75	0.00	0.00	0.00	168,810.75

Town Manager Report to Council
Status of Strategic Planning Initiatives

Goals and Strategies

Goal #	*Goals*	*Strategy #*	*Workshop Council Proposed Strategies - 2-year time frame*
1	**Develop Recreational Facilities and Entertainment Venues**		
		1.a	Define the purpose and events in Downtown, Evaluate Town Square Concept (sites, purpose, etc.), including investigation of purchase of land (10 acres on North Main-Presbyterian Church), car wash property, all options, addresses Parks and 2022 Vision Survey, Town Clock
		1.b	Community Relations Committee expand /create a broad group of people; main street businesses, all others
		1.c	Signage/Promotion/for Scotts Mill Park (passive park)

Actions Taken:

- Staff proposed funding in the budget for land purchase.
- Staff proposed additional funding for the First Responders event next year and secured donations for this year to have the biggest event thus far.
- Signs have been installed at the park, and the name sign is ready for unveiling.
- Bike racks have been purchased and installed at Town Hall and at the mini park.
- Staff has begun research on Town clock options and exploring best option for location.
- Planning Commission has held a public hearing and recommended approval of a Comprehensive Plan amendment to allow a conservation easement for the 22 acre park parcel.
- The Planning Commission made a determination of substantial accord for the park property and has forwarded that to the Council for consideration.
- Council declined the conservation easement.
- The County has accepted the conservation easement and land donation for the Ambler property.
- Staff is awaiting further direction from Council.
- Maintenance staff has added swings and a “Free Little Library” (with the help of John Vandervelde) to Old Mill Park. They have been happily used.
- Staff met with the School Superintendent and staff to consider options for grant funding that would provide stream bank stabilization, possible creek access, and tree planting for Old Mill Park.

2	**Promote Business and Economic Development**		
		2.a	Update from EDA to promote industry at the Industrial Park
		2.b	Explore creation of one pad ready site and have ready by end of two years
		2.c	Evaluate business license tax/revenue
		2.d	Joint Goals and Strategies Meeting with EDA members (guidance on path forward for Economic Development in Town)

Actions Taken:

- Staff has met with the new engineers to follow up on the grading plans. Staff has worked with the engineers to respond to DEQ comments. Staff has provided additional information related to existing stormwater facilities at Brockman. The revised plans will have phasing in place to allow the plans to be approved by DEQ. Staff has received comments on the second submission and will work with the engineering firm to have a resubmittal to DEQ. After three submittals, the contract has been completed and there are no sites that have approved plans. Staff presented options for the EDA's consideration for next steps.
- Staff has been seeking additional information from other localities about business licenses and also reviewing the revenue stream for business licenses to give Council more information about this issue.
- The Town EDA met with the County EDA.
- Staff is working with a site selector for the location of a distribution center to be located at Brockman Park.
- Staff has proposed a change to the business license fee for Realtors in response to concerns about this tax, which Council has accepted.
- The EDA has met with the Amherst Mountain Biking Club and is going to consider a proposal from them for additional bike trail locations at Brockman Industrial Park. The AMBC does intend to retain the trails that are accessed from the WWTP, as they have already been constructed and are regularly used.

3	**Revitalize Downtown Area**		
		4.a	Investigate other towns on beautification and revitalization projects
		4.b	Investigate grants for underground lighting, new brick, trees, street lamps, greenery
		4.c	Coordinate with VDOT on sidewalk widening
		4.d	Evaluate tax incentives for beautification efforts
		4.e	See 2.d
		4.d	Explore parking space elimination to extend more public space

Action Taken:

- Staff has held an initial meeting with our VDOT Residency Engineer to discuss issues around having parking spaces eliminated and adding sidewalk space, as well as street trees.
- Staff met with a consultant who has worked on several VDOT/municipality projects for streetscape improvements.
- The PDC has added additional work on the walkability study to their 2024 work program.
- Staff is meeting with an engineering firm to receive a proposal for streetscaping and widening of sidewalk area in a selected area.
- Staff has begun work with a new engineering firm to get proposals for two streetscape proposals. One of these is to add landscaped medians in the center of Main Street in selected areas and the other is to create a "model block" downtown with enhanced streetscaping. Once the proposals are received, they will go to Council for appropriation and upon completion, can be used to solicit grant funds.
- The Mayor and Manager met with several VDOT staff members to review options for walkability improvements in Town.
- Staff has three options for additional proposals to the community and VDOT for improving walkability and appearance in the Town. Two of these options are back before the Council at this meeting for consideration.
- Staff anticipates responses from VDOT regarding our meeting with them on crosswalks and pedestrian improvements in the early fall.

4	**Continuously Improve and Enhance Services**		
		5.a	Support continuing education for employees
		5.b	Facility improvements identified in the CIP

AMHERST POLICE DEPARTMENT

DAILY SHIFT REPORT

DATE: End of August	SHIFT WORKING:
OFFICER:	VEHICLE:
MILEAGE START OF SHIFT:	MILEAGE END OF SHIFT:

CALLS FOR SERVICE	NUMBER
MOTORIST ASSIST	11
ALARM	8
PHONE COMPLAINT	107
BOLO	8
MISSING PERSON	
SHOPLIFTING	1
PROBLEM WITH OTHERS	14
DOMESTIC	1
CHECK WELLFARE	7
NOISE OR DOG COMPLAINT	5
TRAFFIC CRASH	4
EMS CALLS	6
SUDDEN DEATH	
SUSPICIOUS PERSON	4
FUNERAL TRAFFIC	1
OTHER	29

OFFICER INITIATED	NUMBER
BUILDING CHECKS	35
BUSINESS VISIT	102
BUILDING SEARCH	1
TRAFFIC SUMMONS	12
DRUNK IN PUBLIC	
EXTRA PATROLS	178
WARRANT SERVICE	2
PROPERTY WALK AROUNDS	24
WARRANTS OBTAINED	2
PARKING TICKETS	
MISD. INVESTIGATION	4
FELONY INVESTIGATION	1
NARCOTICS INV.	2
SEARCH WARRANT	
PUBLIC RELATIONS	6
CITIZEN CONTACT	333

WARNINGS	NUMBER
SPEEDING	6
EQUIPMENT VIOLATION	
RECKLESS DRIVING	1
SUSPENDED LICENSE	1
INSPECTION/REGISTRATION	1
SEAT BELT / TEXTING	
ALL OTHER VIOLATIONS	1

TRAFFIC STOPS TICKETED	NUMBER
SPEEDING	8
EQUIPMENT VIOLATION	
RECKLESS DRIVING	1
SUSPENDED LICENSE	
INSPECTION/REGISTRATION	
SEAT BELT / TEXTING	
ALL OTHER VIOLATIONS	4

ARREST	NUMBER
MISDEMEANOR	3
FELONY	1
EPO	
ECO/ PPO	3
NARCOTICS VIOLATION	
DUI / DUID	1

OTHER	NUMBER
ASSIST OTHER OFFICER	6
ASSIST OTHER AGENCY	11
COURT	1
REPORTS	18
SCHOOL / TRAINING	2
MEETINGS	6
TOWED / IMPOUNDED VEH	

AMHERST POLICE DEPARTMENT

DAILY SHIFT REPORT

PLEASE LIST ALL PASS ON'S, INVESTIGATIONS, ARREST, IMPOUNDED VEHICLES WITH REASON AND LOCATION, AND BUSINESSES WITH OPEN DOORS OR ANY OTHER SIGNIFICANT COMPLAINTS.

Calls for Service:210

Officer Initiated Activity:485

Miles Patrolled: 4237

Traffic Citations: 12

Traffic Warnings: 10

MONTH OF **AUGUST** ACTIVITIES:

8/2/2024- Inv. Robinson was promoted to Captain.

8/2/2024- Met with Boones Mill P.D. and their Town Manager in reference to accreditation.

8/3/2024- Chief Watts, Captain Robinson, Alison Davis and Reserve Officer Taylor attended the Amherst Night Out at the High School.

8/6/2024- Officer Hash was promoted to Investigator.

8/12/2024- Completed the annual FASP certification report.

8/14/2024- Chief Watts attended the Council meeting.

8/15/2024- Chief Watts spoke at the Rotary Club meeting at Sweet Briar College.

8/21/2024- Chief Watts completed the Police Department's review of Macadam Road.

8/26/2024- Chief Watts attended the Parade prep meeting.

Officers performed multiple directed speed enforcements of North Main at Ridge Drive as well as Grandview Drive.

TOWN OF AMHERST

P.O. Box 280 174 S. Main Street Amherst, VA 24521
Phone (434)946-7885 Fax (434)946-2087

To: Town Council

From: Tracie Morgan

Date: September 4, 2024

Re: August 2024 Monthly Report

Utilities:

- August 2024 utility billing total was $192,629.94.
- There were four disconnects for August 2024.
- Ten new account set-ups.
- Our online payment system now has a feature for customers to set up Auto-Pay. Notices were put on the monthly utility bills as well as advertised on the Town's Facebook page. Patty has also personally sat down with a customer to walk them through how to set this up. She is happy to help anyone else that would want to come into the office.
- Consolidated Pipe is expecting meters for our new Automated Meter Reading project to start arriving in September.

Accounts Payable:

- The total amount of checks cut for July bills, including payroll deductions was $168,810.75.
- Please see attached report for full check listing.

Meals and Beverage Tax:

- **16** Businesses paid $58,987.34 in Meals and Beverage Tax for the month of July 2024.

Revenue and Expense Report:

- The attached report shows revenue and expense totals through August 2024.

Business License Tax:

- Business License Tax was due May 1st. As of the date of this memo, we only have 18 unpaid businesses.

Town of Amherst
Statement of Revenue and Expenditures - Standard

09/04/2024
02:38 PM

Revenue Account Range: *First to zzz-z-zzzzz-zzzz* ***Include Non-Anticipated:*** *Yes* ***Year To Date As Of:*** *08/31/24*
Expend Account Range: *First to zzz-z-zzzzz-zzzz* ***Include Non-Budget:*** *Yes* ***Current Period:*** *07/01/24 to 08/31/24*
Print Zero YTD Activity: *No* ***Prior Year:*** *07/01/23 to 08/31/23*

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
100-3-11030-0002	PERSONAL PROPERTY TAX-DELINQUENT	0.00	0.00	0.44	0.44	0.44	0
100-3-11060-0002	INTEREST ON DEL TAXES	52.39	0.00	57.33	57.33	57.33	0
100-3-12010-0001	LOCAL SALES & USE TAX	30,507.51	168,000.00	30,577.81	30,577.81	137,422.19-	18
100-3-12020-0001	CONSUMER UTILITY TAX-GAS, ELEC	4,242.02	25,000.00	4,383.50	4,383.50	20,616.50-	18
100-3-12020-0002	ELECTRIC CONSUMPTION TAX	2,595.57	15,000.00	2,352.61	2,352.61	12,647.39-	16
	12020 Total	**6,837.59**	**40,000.00**	**6,736.11**	**6,736.11**	**33,263.89-**	**16**
100-3-12030-0006	BUSINESS LICENSE TAX	26,288.62	180,000.00	6,026.29	6,026.29	173,973.71-	3
100-3-12030-0007	BUSINESS LIC TAX-INTEREST & PEN	3,098.96	4,000.00	2,747.94	2,747.94	1,252.06-	69
	12030 Total	**29,387.58**	**184,000.00**	**8,774.23**	**8,774.23**	**175,225.77-**	**4**
100-3-12050-0001	MOTOR VEHICLE LICENSES	25.00-	42,000.00	0.00	0.00	42,000.00-	0
100-3-12050-0002	MOTOR VEHICLE LICENSES PENALTIES/INTE	82.32	500.00	108.38	108.38	391.62-	22
	12050 Total	**57.32**	**42,500.00**	**108.38**	**108.38**	**42,391.62-**	**0**
100-3-12060-0001	BANK STOCK FEE	0.00	65,000.00	0.00	0.00	65,000.00-	0
100-3-12080-0001	CIGARETTE TAX	6,000.00	30,000.00	12,000.00	12,000.00	18,000.00-	40
100-3-12100-0001	LODGING TAX	3,400.57	20,000.00	2,249.72	2,249.72	17,750.28-	11
100-3-12110-0001	MEALS TAX	128,718.59	760,000.00	124,049.11	124,049.11	635,950.89-	16

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
100-3-12110-0002	MEALS TAX-PEN & INTEREST	223.47	600.00	164.11	164.11	435.89-	27
	12110 Total	**128,942.06**	**760,600.00**	**124,213.22**	**124,213.22**	**636,386.78-**	**16**
100-3-13030-0007	ZONING PERMITS	0.00	0.00	300.00	300.00	300.00	0
100-3-14010-0001	FINES & FORFEITURES	2,383.13	12,000.00	931.44	931.44	11,068.56-	8
100-3-15010-0001	INTEREST ON BANK DEPOSITS	17,709.44	60,000.00	5,071.42	5,071.42	54,928.58-	8
100-3-15010-0002	INTEREST ON INVESTMENTS	18,940.55	96,000.00	12,678.88	12,678.88	83,321.12-	13
100-3-15010-0003	VIP UNREALIZED GAIN/LOSS	5,577.30	20,000.00	18,079.11	18,079.11	1,920.89-	90
	15010 Total	**42,227.29**	**176,000.00**	**35,829.41**	**35,829.41**	**140,170.59-**	**20**
100-3-15020-0005	TOWER LEASE	904.93	10,859.16	1,809.86	1,809.86	9,049.30-	17
100-3-16030-0001	POLICE SECURITY	1,291.68	5,000.00	0.00	0.00	5,000.00-	0
100-3-16150-0003	SALE OF BANNERS	0.00	0.00	500.00	500.00	500.00	0
100-3-18030-0001	REFUNDS	3,588.05	5,544.00	585.00	585.00	4,959.00-	11
100-3-18030-0005	RETURNED CHECK FEE	150.00	500.00	200.00	200.00	300.00-	40
100-3-18030-0006	ACCIDENT REPORTS	25.00	300.00	45.00	45.00	255.00-	15
100-3-18030-0007	MISC REV	2.00	0.00	13,957.05	13,957.05	13,957.05	0
100-3-18030-0008	COLLECTION FEE	571.99	2,000.00	128.00	128.00	1,872.00-	6
	18030 Total	**4,337.04**	**8,344.00**	**14,915.05**	**14,915.05**	**6,571.05**	**178**
100-3-18990-0003	DONATIONS-POLICE	50.00	0.00	68.00	68.00	68.00	0
100-3-19020-0005	DMV STOP FEES	391.14	2,000.00	356.88	356.88	1,643.12-	18

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
100-3-22010-0007	ROLLING STOCK TAX	2,627.62	2,600.00	2,879.17	2,879.17	279.17	111
100-3-22010-0009	PERSONAL PROPERTY TAX RELIEF	17,455.92	17,455.92	17,455.92	17,455.92	0.00	100
100-3-22010-0010	RENTAL TAX	286.37	2,200.00	416.30	416.30	1,783.70-	19
100-3-22010-0030	COMMUNICATION TAX FROM STATE	11,268.35	66,000.00	10,490.23	10,490.23	55,509.77-	16
	22010 Total	**31,638.26**	**88,255.92**	**31,241.62**	**31,241.62**	**57,014.30-**	**35**
100-3-24010-0001	DCJS GRANTS	0.00	0.00	3,769.19	3,769.19	3,769.19	0
100-3-24010-0003	STATE POLICE AID	0.00	64,664.00	17,612.00	17,612.00	47,052.00-	27
	24010 Total	**0.00**	**64,664.00**	**21,381.19**	**21,381.19**	**43,282.81-**	**33**
100-3-24020-0001	FIRE PROGRAM GRANT	0.00	15,000.00	0.00	0.00	15,000.00-	0
100-3-41020-0001	SALE OF LAND/VEHICLES/BUILDINGS	200.00	0.00	200.00	200.00	200.00	0
100-3-41040-0006	FOIA REQUESTS	12.79	0.00	0.00	0.00	0.00	0
100-3-42000-0000	RESERVE	0.00	11,274.73	0.00	0.00	11,274.73-	0
	GENERAL FUND Revenue Totals	**288,621.28**	**1,703,497.81**	**292,250.69**	**292,250.69**	**1,411,247.12-**	**17**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-11010-0000	TOWN COUNCIL	0.00	0.00	0.00	0.00	0.00	0
100-4-11010-1100	WAGES	1,900.00	11,400.00	1,900.00	1,900.00	9,500.00	17
100-4-11010-2100	FICA	145.40	872.10	145.40	145.40	726.70	17
100-4-11010-5501	TRAVEL-MILAGE/HOTELS/CONFERENCE	504.88	6,000.00	0.00	0.00	6,000.00	0
	11010 TOWN COUNCIL	**2,550.28**	**18,272.10**	**2,045.40**	**2,045.40**	**16,226.70**	**11**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-12110-0000	TOWN MANAGER	0.00	0.00	0.00	0.00	0.00	0
100-4-12110-1100	WAGES	9,656.53	45,449.80	9,319.32	9,319.32	36,130.48	20
100-4-12110-1300	PT WAGES	7,827.91	43,627.09	6,619.65	6,619.65	37,007.44	15
100-4-12110-2100	FICA	1,353.85	6,814.38	1,237.45	1,237.45	5,576.93	18
100-4-12110-2200	VRS	1,810.23	10,921.59	2,436.71	2,436.71	8,484.88	22
100-4-12110-2300	HEALTH INSURANCE	1,328.15	6,390.38	1,451.32	1,451.32	4,939.06	23
100-4-12110-2400	GROUP LIFE INSURANCE	120.57	536.31	113.64	113.64	422.67	21
100-4-12110-2500	STD/LONG-TERM DISABILITY	24.08	239.97	50.94	50.94	189.03	21
100-4-12110-2600	UNEMPLOYMENT INSURANCE	0.00	20.00	0.00	0.00	20.00	0
100-4-12110-2700	WORKER'S COMP	125.03	131.80	0.00	0.00	131.80	0
100-4-12110-3150	PROFESSIONAL SVCS	0.00	4,000.00	335.62-	335.62-	4,335.62	8-
100-4-12110-3600	ADVERTISING	362.72	2,500.00	193.91	193.91	2,306.09	8
100-4-12110-5000	CONTINGENCY REQUIREMENT	197.73	51,000.00	5,858.99	5,858.99	45,141.01	11
100-4-12110-5210	POSTAGE	60.60	400.00	21.32	21.32	378.68	5
100-4-12110-5230	TELECOMMUNICATIONS	90.00	1,080.00	180.00	180.00	900.00	17
100-4-12110-5307	CRIME & CYBER INSURANCE	2,225.00	2,225.00	0.00	0.00	2,225.00	0
100-4-12110-5501	TRAVEL-MILAGE/HOTEL/CONFERENCE	52.00	3,500.00	867.64	867.64	2,632.36	25
100-4-12110-5810	DUES & MEMBERSHIPS	190.83	2,500.00	25.00	25.00	2,475.00	1
	12110 TOWN MANAGER	**25,425.23**	**181,336.32**	**28,040.27**	**28,040.27**	**153,296.05**	**15**

Town of Amherst
Statement of Revenue and Expenditures

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-12210-3150	TOWN ATTORNEY	4,140.00	28,274.75	6,111.17	6,111.17	22,163.58	22

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-12240-3150	INDEPENDENT AUDITOR	0.00	20,000.00	0.00	0.00	20,000.00	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-12420-0000	FINANCE DEPARTMENT	0.00	0.00	0.00	0.00	0.00	0
100-4-12420-1100	WAGES	9,666.01	54,869.29	8,718.30	8,718.30	46,150.99	16
100-4-12420-1300	PT WAGES	752.79	5,376.13	630.08	630.08	4,746.05	12
100-4-12420-2100	FICA	857.89	4,608.77	775.16	775.16	3,833.61	17
100-4-12420-2200	VRS	1,783.67	11,634.26	2,229.80	2,229.80	9,404.46	19
100-4-12420-2300	HEALTH INSURANCE	3,157.28	10,819.12	2,798.88	2,798.88	8,020.24	26
100-4-12420-2400	GROUP LIFE INSURANCE	133.41	647.46	127.03	127.03	520.43	20
100-4-12420-2500	HYBRID DISABILITY	4.40	55.76	9.30	9.30	46.46	17
100-4-12420-2600	UNEMPLOYEMENT INSURANCE	6.59	32.00	0.00	0.00	32.00	0
100-4-12420-2700	WORKER'S COMP	104.04	112.99	0.00	0.00	112.99	0
100-4-12420-3009	DMV STOPS	650.00	2,000.00	0.00	0.00	2,000.00	0
100-4-12420-3150	PROFESSIONAL SVCS	0.00	3,800.00	0.00	0.00	3,800.00	0
100-4-12420-3160	BANKING SERVICE CHARGES	503.54	100.00	0.00	0.00	100.00	0
100-4-12420-3170	VIP MANAGEMENT FEE	0.00	3,500.00	249.26	249.26	3,250.74	7
100-4-12420-3320	SERVICE CONTRACTS	0.00	4,600.00	0.00	0.00	4,600.00	0
100-4-12420-3600	ADVERTISING	259.97	200.00	174.96	174.96	25.04	87
100-4-12420-5000	MISC EXP	14.99	0.00	0.00	0.00	0.00	0
100-4-12420-5210	POSTAGE	16.60	3,000.00	8.80	8.80	2,991.20	0
100-4-12420-5230	TELECOMMUNICATIONS	420.41	1,080.00	180.00	180.00	900.00	17
100-4-12420-5400	TUITION REIMBURSEMENT	2,647.25	1,200.00	0.00	0.00	1,200.00	0
100-4-12420-5501	TRAVEL-MILEAGE/HOTEL/CONFERENCE	0.00	3,000.00	185.00	185.00	2,815.00	6
100-4-12420-5810	DUES & MEMBERSHIPS	200.00	520.00	235.00	235.00	285.00	45
100-4-12420-6001	OFFICE SUPPLIES	273.48	4,000.00	135.71	135.71	3,864.29	3
	12420 FINANCE DEPARTMENT	**21,452.32**	**115,155.78**	**16,457.28**	**16,457.28**	**98,698.50**	**14**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-12510-0000	INFORMATION TECHNOLOGY	0.00	0.00	0.00	0.00	0.00	0
100-4-12510-3150	I.T. SERVICES	102.09	15,000.00	2,618.35	2,618.35	12,381.65	17
100-4-12510-3340	WEBSITE MAINTENANCE	450.00	1,000.00	450.00	450.00	550.00	45
100-4-12510-5600	MICROSOFT OFFICE SERVICE	2,045.75	10,000.00	616.00	616.00	9,384.00	6
100-4-12510-5610	TECH CLUB DONATION	0.00	2,000.00	0.00	0.00	2,000.00	0
100-4-12510-6002	I.T. SUPPLIES	582.52	5,000.00	388.16	388.16	4,611.84	8
100-4-12510-8001	I.T. EQUIPMENT	0.00	5,000.00	713.50	713.50	4,286.50	14
	12510 INFORMATION TECHNOLOGY	**3,180.36**	**38,000.00**	**4,786.01**	**4,786.01**	**33,213.99**	**13**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-31100-0000	POLICE DEPARTMENT	0.00	0.00	0.00	0.00	0.00	0
100-4-31100-1100	WAGES	86,894.00	489,307.91	58,098.51	58,098.51	431,209.40	12
100-4-31100-1200	OVERTIME	4,804.07	9,667.19	2,290.76	2,290.76	7,376.43	24
100-4-31100-1300	PT WAGES	3,822.65	30,000.00	2,354.84	2,354.84	27,645.16	8
100-4-31100-1400	OTHER PAY/HOLIDAY	1,658.24	15,798.25	2,199.55	2,199.55	13,598.70	14
100-4-31100-1500	SECURITY WAGES	400.00	5,000.00	0.00	0.00	5,000.00	0
100-4-31100-2100	FICA	7,101.35	41,676.89	4,609.17	4,609.17	37,067.72	11
100-4-31100-2200	VRS	12,941.69	101,323.94	12,505.37	12,505.37	88,818.57	12
100-4-31100-2300	HEALTH INSURANCE	12,774.11	83,575.80	10,229.99	10,229.99	73,345.81	12
100-4-31100-2400	GROUP LIFE INSURANCE	938.43	5,773.83	710.67	710.67	5,063.16	12
100-4-31100-2500	STD/LONG-TERM DISABILITY	10.33	131.44	21.86	21.86	109.58	17
100-4-31100-2600	UNEMPLOYMENT INSURANCE	11.05	68.73	0.00	0.00	68.73	0
100-4-31100-2700	WORKER'S COMP	14,140.78	16,356.36	0.00	0.00	16,356.36	0
100-4-31100-2710	LODA INSURANCE	2,642.00	3,300.00	0.00	0.00	3,300.00	0
100-4-31100-3310	REPAIR & MAINT. SVCS	0.00	2,000.00	5.98	5.98	1,994.02	0
100-4-31100-3320	PROFESSIONAL SERVICES	4,000.00	8,000.00	3,000.00	3,000.00	5,000.00	38
100-4-31100-3400	CODE RED	0.00	2,700.00	0.00	0.00	2,700.00	0
100-4-31100-3600	ADVERTISING	0.00	1,200.00	206.56	206.56	993.44	17
100-4-31100-5210	POSTAGE	0.00	500.00	0.00	0.00	500.00	0
100-4-31100-5230	TELECOMMUNICATIONS	1,339.37	11,640.00	1,345.98	1,345.98	10,294.02	12
100-4-31100-5305	MOTOR VEHICLE INSURANCE	2,844.68	2,933.78	0.00	0.00	2,933.78	0
100-4-31100-5306	OTHER PROPERTY INSURANCE	163.69	534.96	0.00	0.00	534.96	0
100-4-31100-5501	TRAVEL-MILEAGE/CONFERENCE/HOTEL	395.85	8,000.00	660.52	660.52	7,339.48	8
100-4-31100-5700	EVENTS	0.00	15,000.00	277.66	277.66	14,722.34	2
100-4-31100-5800	FIRE RANGE FEES	470.98	3,000.00	53.90	53.90	2,946.10	2
100-4-31100-5801	ATTORNEY FEES	450.00	2,000.00	450.00	450.00	1,550.00	22
100-4-31100-5810	DUES & MEMBERSHIP	4,248.00	6,000.00	6,396.00	6,396.00	396.00-	107

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-31100-6001	OFFICE SUPPLIES	130.47	3,000.00	22.08	22.08	2,977.92	1
100-4-31100-6003	CANINE SUPPLIES	0.00	4,500.00	310.03	310.03	4,189.97	7
100-4-31100-6008	FUEL	2,191.76	20,000.00	2,474.47	2,474.47	17,525.53	12
100-4-31100-6009	VEHICLE/POWER EQUIPMENT SUPPLIES	64.00	9,000.00	148.42	148.42	8,851.58	2
100-4-31100-6010	POLICE SUPPLIES	26,175.38	20,000.00	6,619.61	6,619.61	13,380.39	33
100-4-31100-6011	UNIFORMS	588.34	4,000.00	72.99	72.99	3,927.01	2
100-4-31100-6030	CRIME PREVENTION	0.00	5,000.00	350.72	350.72	4,649.28	7
100-4-31100-6032	INVESTIGATION EXPENSE	22.99	3,000.00	129.29	129.29	2,870.71	4
100-4-31100-8005	VEHICLES/EQUIPMENT	0.00	70,000.00	49,410.20	49,410.20	20,589.80	71
	31100 POLICE DEPARTMENT	**191,224.21**	**1,003,989.08**	**164,955.13**	**164,955.13**	**839,033.95**	**16**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-32200-0000	CONTROL	0.00	0.00	0.00	0.00	0.00	0
100-4-32200-5600	FIRE DEPT CONTRIBUTIONS	0.00	15,000.00	0.00	0.00	15,000.00	0
100-4-32200-5701	FIRE PROGRAM GRANTS	0.00	15,000.00	0.00	0.00	15,000.00	0
	32200 CONTROL	**0.00**	**30,000.00**	**0.00**	**0.00**	**30,000.00**	**0**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-41320-5100	STREETLIGHTS	2,817.17	34,135.00	2,783.86	2,783.86	31,351.14	8

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-43200-0000	GENERAL MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0
100-4-43200-1100	WAGES	7,742.13	45,631.89	4,187.40	4,187.40	41,444.49	9
100-4-43200-1300	PT WAGES	2,256.39	16,343.74	1,946.19	1,946.19	14,397.55	12
100-4-43200-1400	OTHER PAY/HOLIDAY	261.92	392.71	0.00	0.00	392.71	0
100-4-43200-2100	FICA	784.77	4,771.18	470.05	470.05	4,301.13	10
100-4-43200-2200	VRS	1,659.20	10,070.09	1,021.16	1,021.16	9,048.93	10
100-4-43200-2300	HEALTH INSURANCE	1,592.21	11,674.40	1,001.40	1,001.40	10,673.00	9
100-4-43200-2400	GROUP LIFE INSURANCE	194.72	538.46	58.59	58.59	479.87	11
100-4-43200-2500	HYBRID DISABILITY	0.00	105.88	0.00	0.00	105.88	0
100-4-43200-2600	UNEMPLOYMENT INSURANCE	5.39	64.00	0.00	0.00	64.00	0
100-4-43200-2700	WORKER'S COMP	0.00	849.24	0.00	0.00	849.24	0
100-4-43200-5100	ELECTRIC	1,399.09	10,350.00	1,624.74	1,624.74	8,725.26	16
100-4-43200-5110	HEATING SERVICES	0.00	4,000.00	0.00	0.00	4,000.00	0
100-4-43200-5120	WATER/SEWER	641.31	3,720.00	753.13	753.13	2,966.87	20
100-4-43200-5230	TELECOMMUNICATION	2,258.60	12,084.00	2,537.38	2,537.38	9,546.62	21
100-4-43200-5304	PROPERTY INSURANCE	358.22	384.01	0.00	0.00	384.01	0
100-4-43200-5305	MOTOR VEHICLE INSURANCE	1,126.76	1,162.05	0.00	0.00	1,162.05	0
100-4-43200-5306	OTHER PROPERTY INSURANCE	1,281.25	2,841.13	0.00	0.00	2,841.13	0
100-4-43200-5308	GENERAL LIABILITY INSURANCE	5,433.00	5,475.00	0.00	0.00	5,475.00	0
100-4-43200-5410	LEASE OF EQUIPMENT	0.00	10,000.00	0.00	0.00	10,000.00	0
100-4-43200-5501	TRAVEL-MILEAGE/CONFERENCE/HOTEL	0.00	4,000.00	375.00	375.00	3,625.00	9
100-4-43200-6001	OFFICE SUPPLIES	0.00	750.00	95.98	95.98	654.02	13
100-4-43200-6005	JANITORIAL SUPPLIES	125.05	3,000.00	430.72	430.72	2,569.28	14
100-4-43200-6007	REPAIR & MAINT. SUPPLIES	3,072.12	21,500.00	1,399.25	1,399.25	20,100.75	7
100-4-43200-6008	FUEL	2,227.61	20,000.00	1,836.99	1,836.99	18,163.01	9
100-4-43200-6009	VEHICLE/POWER EQUIPMENT SUPPLIES	319.39	24,000.00	961.38	961.38	23,038.62	4
100-4-43200-6011	UNIFORMS	0.00	3,000.00	0.00	0.00	3,000.00	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-43200-6012	CHRISTMAS DECORATIONS	0.00	4,000.00	0.00	0.00	4,000.00	0
100-4-43200-6013	AG SUPPLIES	0.00	2,500.00	0.00	0.00	2,500.00	0
100-4-43200-8005	EQUIPMENT/VEHICLES	0.00	0.00	34,167.00	34,167.00	34,167.00-	0
	43200 GENERAL MAINTENANCE	**32,739.13**	**223,207.78**	**52,866.36**	**52,866.36**	**170,341.42**	**24**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-71300-5600	SECOND STAGE CONTRIBUTION	0.00	1,000.00	0.00	0.00	1,000.00	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-72100-5600	VILLAGE GARDEN CLUB CONTRI.	0.00	3,000.00	0.00	0.00	3,000.00	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-72200-5600	MUSEUM CONTRIBUTIONS	0.00	2,500.00	0.00	0.00	2,500.00	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-81100-0000	PLANNING/ZONING	0.00	0.00	0.00	0.00	0.00	0
100-4-81100-3600	ADVERTISING	0.00	800.00	139.63	139.63	660.37	17
100-4-81100-5210	POSTAGE	0.00	100.00	0.00	0.00	100.00	0
100-4-81100-5701	PLANNING GRANTS	0.00	0.00	1,227.00	1,227.00	1,227.00-	0
100-4-81100-5810	DUES/MEMBERSHIP	0.00	1,227.00	0.00	0.00	1,227.00	0
	81100 PLANNING/ZONING	**0.00**	**2,127.00**	**1,366.63**	**1,366.63**	**760.37**	**64**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
100-4-83500-5600	NEIGHBORS HELPING NEIGHBORS CONTRIB	0.00	2,500.00	0.00	0.00	2,500.00	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
	GENERAL FUND Expenditure Totals	**283,528.70**	**1,703,497.81**	**279,412.11**	**279,412.11**	**1,424,085.70**	**16**

100 GENERAL FUND	**Prior**	**Current**	**YTD**
Revenues:	**288,621.28**	**292,250.69**	**292,250.69**
Expenditures:	**283,528.70**	**279,412.11**	**279,412.11**
Net Income:	**5,092.58**	**12,838.58**	**12,838.58**

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
501-3-16080-0005	WATER IN-TOWN BASE CHARGES	43,929.79	258,869.76	46,583.71	46,583.71	212,286.05-	18
501-3-16080-0006	WATER OT BASE CHARGES	30,126.82	154,342.85	29,774.98	29,774.98	124,567.87-	19
501-3-16080-0007	WATER IN-TOWN USAGE CHARGE	67,040.02	392,788.62	69,472.01	69,472.01	323,316.61-	18
501-3-16080-0008	WATER OT USAGE CHARGES	50,058.41	256,224.77	47,779.00	47,779.00	208,445.77-	19
501-3-16080-0009	PENALTIES	5,161.37	35,000.00	5,200.82	5,200.82	29,799.18-	15
501-3-16080-0010	TRIP CHARGES	1,700.00	8,000.00	1,100.00	1,100.00	6,900.00-	14
501-3-16080-0011	DORMANT ACCT FEE	574.55	3,540.63	556.47	556.47	2,984.16-	16
501-3-16080-0012	FIRE SPRINKLERS	794.00	4,764.00	794.00	794.00	3,970.00-	17
501-3-16080-0013	AVAILABILITY FEE	2,740.72	5,000.00	1,373.23	1,373.23	3,626.77-	27
501-3-16080-0014	WATER CHARGES-SBC	16,050.00	96,300.00	16,050.00	16,050.00	80,250.00-	17
501-3-16080-0015	PREPAY UTILITIES	475.17-	0.00	421.92-	421.92-	421.92-	0
501-3-16080-0016	SBC WATER CAPITAL COSTS REIMB	4,371.20	26,227.20	4,371.20	4,371.20	21,856.00-	17
	16080 Total	**222,071.71**	**1,241,057.83**	**222,633.50**	**222,633.50**	**1,018,424.33-**	**17**
501-3-33020-0001	ARPA FUNDS	0.00	1,487,000.00	0.00	0.00	1,487,000.00-	0
501-3-33020-0003	BUILD BACK BETTER FUNDS	0.00	0.00	69,000.00	69,000.00	69,000.00	0
	33020 Total	**0.00**	**1,487,000.00**	**69,000.00**	**69,000.00**	**1,418,000.00-**	**4**
501-3-41040-0006	TRANSFER FROM OTHR FUNDS	0.00	415,101.10	0.00	0.00	415,101.10-	0
501-3-41060-0007	DEPOSIT-UTILITY ACCTS	599.96-	1,000.00	46.46	46.46	953.54-	5
	WATER FUND Revenue Totals	**221,471.75**	**3,144,158.93**	**291,679.96**	**291,679.96**	**2,852,478.97-**	**9**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
501-4-12110-0000	TOWN MANAGER	0.00	0.00	0.00	0.00	0.00	0
501-4-12110-1100	WAGES	8,728.71	61,355.59	7,426.61	7,426.61	53,928.98	12
501-4-12110-1300	PT WAGES	978.50	5,453.39	827.46	827.46	4,625.93	15
501-4-12110-2100	FICA	774.27	5,110.89	665.12	665.12	4,445.77	13
501-4-12110-2200	VRS	1,572.78	14,743.75	2,101.44	2,101.44	12,642.31	14
501-4-12110-2300	HEALTH INSURANCE	740.95	7,261.80	741.19	741.19	6,520.61	10
501-4-12110-2400	GROUP LIFE INSURANCE	100.35	724.00	94.48	94.48	629.52	13
501-4-12110-2500	STD/LONG-TERM DISABILITY	20.36	323.96	43.08	43.08	280.88	13
	12110 TOWN MANAGER	**12,915.92**	**94,973.38**	**11,899.38**	**11,899.38**	**83,074.00**	**13**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
501-4-12420-0000	FINANCE DEPARTMENT	0.00	0.00	0.00	0.00	0.00	0
501-4-12420-1100	WAGES	7,259.72	42,815.36	6,693.17	6,693.17	36,122.19	16
501-4-12420-1300	PT WAGES	1,505.57	10,752.27	1,260.17	1,260.17	9,492.10	12
501-4-12420-2100	FICA	629.79	4,097.92	566.94	566.94	3,530.98	14
501-4-12420-2200	VRS	954.98	9,513.12	1,348.06	1,348.06	8,165.06	14
501-4-12420-2300	HEALTH INSURANCE	461.61	7,820.40	462.56	462.56	7,357.84	6
501-4-12420-2400	GROUP LIFE INSURANCE	75.60	505.22	76.51	76.51	428.71	15
501-4-12420-2500	HYBRID DISABILITY	8.60	109.09	18.20	18.20	90.89	17
501-4-12420-3160	BANKING SERVICE CHARGES	0.00	200.00	0.00	0.00	200.00	0
501-4-12420-3320	SUPPORT CONTRACTS	0.00	3,500.00	0.00	0.00	3,500.00	0
501-4-12420-5210	POSTAGE	629.26	4,000.00	687.63	687.63	3,312.37	17
501-4-12420-6001	OFFICE SUPPLIES	0.00	2,000.00	1,845.00	1,845.00	155.00	92
	12420 FINANCE DEPARTMENT	**11,525.13**	**85,313.38**	**12,958.24**	**12,958.24**	**72,355.14**	**15**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
501-4-44000-0000	WATER OPERATIONAL	0.00	0.00	0.00	0.00	0.00	0
501-4-44000-1100	WAGES	34,167.23	167,842.87	25,923.88	25,923.88	141,918.99	15
501-4-44000-1200	OVERTIME	1,006.06	0.00	164.94	164.94	164.94-	0
501-4-44000-1300	PT WAGES	6,559.95	30,209.05	3,632.12	3,632.12	26,576.93	12
501-4-44000-1400	OTHER/HOLIDAY	1,642.86	6,621.08	478.99	478.99	6,142.09	7
501-4-44000-2100	FICA	3,200.88	15,657.48	2,316.83	2,316.83	13,340.65	15
501-4-44000-2200	VRS	4,946.76	37,375.38	5,844.59	5,844.59	31,530.79	16
501-4-44000-2300	HEALTH INSURANCE	5,312.64	33,516.00	5,599.65	5,599.65	27,916.35	17
501-4-44000-2400	GROUP LIFE INSURANCE	396.78	1,980.55	331.68	331.68	1,648.87	17
501-4-44000-2500	LONG-TERM DISABILITY	17.66	440.09	75.62	75.62	364.47	17
501-4-44000-2600	UNEMPLOYEMENT INSURANCE	10.19	32.00	0.00	0.00	32.00	0
501-4-44000-2700	WORKER'S COMP	4,115.07	4,105.22	0.00	0.00	4,105.22	0
501-4-44000-3140	TESTING SERVICES	459.20	31,000.00	612.90	612.90	30,387.10	2
501-4-44000-3150	PROFESSIIONAL SVCS	500.00	3,200.00	500.00	500.00	2,700.00	16
501-4-44000-3310	REPAIR & MAINT. SVCS	0.00	10,000.00	3,250.00	3,250.00	6,750.00	32
501-4-44000-3600	ADVERTISING	0.00	2,000.00	0.00	0.00	2,000.00	0
501-4-44000-5100	ELECTRICAL SVCS	10,532.06	68,952.59	10,547.89	10,547.89	58,404.70	15
501-4-44000-5120	WATER & SEWER	170.90	104,400.00	9,944.29	9,944.29	94,455.71	10
501-4-44000-5210	POSTAGE	8.13	2,000.00	0.00	0.00	2,000.00	0
501-4-44000-5230	TELECOMMUNICATIONS	650.23	7,500.00	747.51	747.51	6,752.49	10
501-4-44000-5304	PROPERTY INSURANCE	1,976.14	2,215.50	0.00	0.00	2,215.50	0
501-4-44000-5305	MOTOR VEHICLE INSURANCE	360.70	372.00	0.00	0.00	372.00	0
501-4-44000-5501	TRAVEL-MILEAGE/HOTEL/CONFERENCE	125.00	3,000.00	0.00	0.00	3,000.00	0
501-4-44000-5600	PERMITS	3,558.00	7,000.00	3,558.00	3,558.00	3,442.00	51
501-4-44000-5810	DUES & MEMBERSHIPS	225.00	2,000.00	225.00	225.00	1,775.00	11
501-4-44000-6001	OFFICE SUPPLIES	2,529.87	2,000.00	0.00	0.00	2,000.00	0
501-4-44000-6004	LAB SUPPLIES	21,558.59	15,000.00	485.39	485.39	14,514.61	3

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
501-4-44000-6007	REPAIR & MAINT. SUPPLIES	1,756.01	20,000.00	430.33	430.33	19,569.67	2
501-4-44000-6008	FUEL/OIL	0.00	3,000.00	312.64	312.64	2,687.36	10
501-4-44000-6009	VEHICLE & EQUIP SUPPLIES	0.00	3,000.00	0.00	0.00	3,000.00	0
501-4-44000-6011	UNIFORMS	513.98	1,500.00	0.00	0.00	1,500.00	0
501-4-44000-6051	CHEMICALS	11,008.70	108,000.00	19,961.76	19,961.76	88,038.24	18
501-4-44000-8005	EQUIPMENT	0.00	15,000.00	54.48	54.48	14,945.52	0
	44000 WATER OPERATIONAL	**117,308.59**	**708,919.81**	**94,998.49**	**94,998.49**	**613,921.32**	**13**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
501-4-45000-0000	WATER MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0
501-4-45000-1100	WAGES	21,335.02	137,919.66	19,243.18	19,243.18	118,676.48	14
501-4-45000-1200	PT WAGES	0.00	791.17	0.00	0.00	791.17	0
501-4-45000-1300	PT WAGES	179.70	1,963.56	181.57	181.57	1,781.99	9
501-4-45000-2100	FICA	1,652.00	10,761.59	1,490.06	1,490.06	9,271.53	14
501-4-45000-2200	VRS	2,928.64	28,665.84	4,238.26	4,238.26	24,427.58	15
501-4-45000-2300	HEALTH INSURANCE	3,815.75	27,930.00	4,108.66	4,108.66	23,821.34	15
501-4-45000-2400	GROUP LIFE INSURANCE	242.69	1,627.45	243.65	243.65	1,383.80	15
501-4-45000-2500	HYBRID DISABILITY	0.00	52.90	0.00	0.00	52.90	0
501-4-45000-2700	WORKER'S COMP	3,172.62	6,031.12	0.00	0.00	6,031.12	0
501-4-45000-3310	REPAIR & MAINT. SVCS	0.00	1,000.00	0.00	0.00	1,000.00	0
501-4-45000-5130	MISS UTILITY	0.00	800.00	37.95	37.95	762.05	5
501-4-45000-5305	MOTOR VEHICLE INSURANCE	1,126.76	1,162.07	0.00	0.00	1,162.07	0
501-4-45000-5410	LEASE OF EQUIPMENT	0.00	5,000.00	0.00	0.00	5,000.00	0
501-4-45000-5501	TRAVEL-MILEAGE/CONFERENCE/HOTEL	0.00	2,000.00	0.00	0.00	2,000.00	0
501-4-45000-5810	DUES & MEMBERSHIP	0.00	200.00	0.00	0.00	200.00	0
501-4-45000-6007	REPAIR & MAINT. SUPPLIES	1,548.33	25,000.00	2,647.40	2,647.40	22,352.60	11
501-4-45000-8005	EQUIPMENT/VEHICLES	37,366.50	250,000.00	0.00	0.00	250,000.00	0
	45000 WATER MAINTENANCE	**73,368.01**	**500,905.36**	**32,190.73**	**32,190.73**	**468,714.63**	**6**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
501-4-94000-0000	CONTROL	0.00	0.00	0.00	0.00	0.00	0
501-4-94000-8002	WATER TREATMENT PLANT IMPROVEMENTS	104,791.77	0.00	0.00	0.00	0.00	0
501-4-94000-8003	SUNSET WATERLINE REPLACEMENT	0.00	1,300,000.00	0.00	0.00	1,300,000.00	0
	94000 CONTROL	**104,791.77**	**1,300,000.00**	**0.00**	**0.00**	**1,300,000.00**	**0**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
501-4-95000-0000	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00	0
501-4-95000-9000	60W W/L PRINCIPLE	0.00	17,722.64	0.00	0.00	17,722.64	0
501-4-95000-9001	60W W/L INTEREST	0.00	11,321.28	0.00	0.00	11,321.28	0
501-4-95000-9004	MAINSTREET W/L PRINCIPLE	0.00	81,938.15	0.00	0.00	81,938.15	0
501-4-95000-9005	MAINSTREET W/L INTEREST	0.00	41,013.53	0.00	0.00	41,013.53	0
501-4-95000-9006	STERLING BANK DEBT REFI PRIN	17,041.14	105,720.27	17,620.04	17,620.04	88,100.23	17
501-4-95000-9007	STERLING BANK DEBT REFI INTEREST	4,396.90	21,482.95	3,826.06	3,826.06	17,656.89	18
501-4-95000-9008	WATER PLANT UPGRADES PRINCIPLES	0.00	96,853.57	0.00	0.00	96,853.57	0
501-4-95000-9009	WATER PLANT UPGRADES INTEREST	0.00	77,994.61	0.00	0.00	77,994.61	0
	95000 DEBT SERVICE	**21,438.04**	**454,047.00**	**21,446.10**	**21,446.10**	**432,600.90**	**5**
	WATER FUND Expenditure Totals	**341,347.46**	**3,144,158.93**	**173,492.94**	**173,492.94**	**2,970,665.99**	**6**

501 WATER FUND	Prior	Current	YTD
Revenues:	**221,471.75**	**291,679.96**	**291,679.96**
Expenditures:	**341,347.46**	**173,492.94**	**173,492.94**
Net Income:	**119,875.71-**	**118,187.02**	**118,187.02**

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
502-3-16080-0005	SEWER IN-TOWN BASE CHARGES	58,876.82	390,945.22	61,465.38	61,465.38	329,479.84-	16
502-3-16080-0006	SEWER OT BASE CHARGES	14,879.46	97,260.45	18,254.66	18,254.66	79,005.79-	19
502-3-16080-0007	SEWER IN-TOWN USAGE CHARGE	42,911.61	292,422.04	40,616.56	40,616.56	251,805.48-	14
502-3-16080-0008	SEWER OT USAGE CHARGE	12,025.21	79,168.59	14,725.85	14,725.85	64,442.74-	19
502-3-16080-0009	PENALTIES	3,943.95	25,000.00	5,293.45	5,293.45	19,706.55-	21
502-3-16080-0011	DORMANT ACCT FEE	889.12	5,353.58	812.29	812.29	4,541.29-	15
	16080 Total	**133,526.17**	**890,149.88**	**141,168.19**	**141,168.19**	**748,981.69-**	**15**
502-3-19020-0003	SBC-RUT. CREEK OPERATIONS	14,404.96	55,000.00	16,212.10	16,212.10	38,787.90-	29
502-3-19020-0004	SBC SEWER REHAB	2,793.00	11,172.00	2,793.00	2,793.00	8,379.00-	25
	19020 Total	**17,197.96**	**66,172.00**	**19,005.10**	**19,005.10**	**47,166.90-**	**28**
502-3-24040-0003	NUTRIENT CREDIT	389.47	400.00	1,405.60	1,405.60	1,005.60	351
502-3-42000-0000	RESERVE FUNDS	0.00	582,655.53	0.00	0.00	582,655.53-	0
	SEWER FUND Revenue Totals	**151,113.60**	**1,539,377.41**	**161,578.89**	**161,578.89**	**1,377,798.52-**	**10**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
502-4-12110-0000	CONTROL	0.00	0.00	0.00	0.00	0.00	0
502-4-12110-1100	WAGES	6,546.53	36,705.65	5,569.96	5,569.96	31,135.69	15
502-4-12110-1300	PT WAGES	880.65	5,453.39	744.72	744.72	4,708.67	14
502-4-12110-2100	FICA	591.90	3,225.17	508.36	508.36	2,716.81	16
502-4-12110-2200	VRS	1,179.57	8,820.37	1,576.12	1,576.12	7,244.25	18
502-4-12110-2300	HEALTH INSURANCE	555.72	3,686.76	555.91	555.91	3,130.85	15
502-4-12110-2400	GROUP LIFE INSURANCE	75.27	433.13	70.86	70.86	362.27	16
502-4-12110-2500	STD/LONG-TERM DISABILITY	15.27	193.81	32.32	32.32	161.49	17
	12110 CONTROL	**9,844.91**	**58,518.28**	**9,058.25**	**9,058.25**	**49,460.03**	**15**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
502-4-12420-0000	FINANCE DEPARTMENT	0.00	0.00	0.00	0.00	0.00	0
502-4-12420-1100	WAGES	5,936.88	35,042.28	5,505.77	5,505.77	29,536.51	16
502-4-12420-1300	PT WAGES	1,467.92	10,483.46	1,228.66	1,228.66	9,254.80	12
502-4-12420-2100	FICA	527.34	3,482.72	475.50	475.50	3,007.22	14
502-4-12420-2200	VRS	795.35	7,676.26	1,129.38	1,129.38	6,546.88	15
502-4-12420-2300	HEALTH INSURANCE	443.16	6,636.17	444.08	444.08	6,192.09	7
502-4-12420-2400	GROUP LIFE INSURANCE	62.96	413.50	64.25	64.25	349.25	16
502-4-12420-2500	HYBRID DISABILITY	5.73	0.00	12.14	12.14	12.14-	0
502-4-12420-3320	SERVICE CONTRACTS	0.00	3,500.00	0.00	0.00	3,500.00	0
502-4-12420-5210	POSTAGE	629.27	4,000.00	687.63	687.63	3,312.37	17
502-4-12420-6001	OFFICE SUPPLIES	0.00	2,000.00	1,845.00	1,845.00	155.00	92
	12420 FINANCE DEPARTMENT	**9,868.61**	**73,234.39**	**11,392.41**	**11,392.41**	**61,841.98**	**16**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
502-4-44000-0000	SEWER OPERATIONAL	0.00	0.00	0.00	0.00	0.00	0
502-4-44000-1100	WAGES	23,649.38	202,634.89	31,349.41	31,349.41	171,285.48	15
502-4-44000-1200	OVERTIME	1,006.05	0.00	164.94	164.94	164.94-	0
502-4-44000-1400	OTHER/HOLIDAY	938.45	6,588.68	647.45	647.45	5,941.23	10
502-4-44000-2100	FICA	1,972.97	16,005.60	2,348.60	2,348.60	13,657.00	15
502-4-44000-2200	VRS	3,657.09	43,304.92	7,011.46	7,011.46	36,293.46	16
502-4-44000-2300	HEALTH INSURANCE	3,882.86	33,516.00	5,572.35	5,572.35	27,943.65	17
502-4-44000-2400	GROUP LIFE INSURANCE	284.21	2,391.09	400.03	400.03	1,991.06	17
502-4-44000-2500	LONG-TERM DISABILITY	19.11	257.06	42.86	42.86	214.20	17
502-4-44000-2700	WORKER'S COMP	3,359.10	3,762.31	0.00	0.00	3,762.31	0
502-4-44000-3120	SLUDGE & TRASH REMOVAL-RUT CRK.	0.00	5,000.00	9,549.00	9,549.00	4,549.00-	191
502-4-44000-3140	TESTING SERVICES	2,358.80	53,655.29	6,671.10	6,671.10	46,984.19	12
502-4-44000-3150	PROFESSIONAL SVCS	500.00	3,000.00	500.00	500.00	2,500.00	17
502-4-44000-3310	REPAIR & MAINT. SVCS-RUT CRK	0.00	18,666.00	3,562.00	3,562.00	15,104.00	19
502-4-44000-3600	ADVERTISING	0.00	500.00	0.00	0.00	500.00	0
502-4-44000-5100	ELECTRICAL SVCS-RUT CRK	8,153.91	53,000.00	9,618.58	9,618.58	43,381.42	18
502-4-44000-5120	WATER, SEWER - RUT. CRK.	503.48	7,400.00	1,913.46	1,913.46	5,486.54	26
502-4-44000-5130	ELECTRICAL SVCS-PUMP STATION	220.87	2,370.00	190.82	190.82	2,179.18	8
502-4-44000-5140	WATER,SEWER-PUMP STATION	31.20	220.00	31.20	31.20	188.80	14
502-4-44000-5210	POSTAGE	25.04	250.00	0.00	0.00	250.00	0
502-4-44000-5230	TELECOMMUNICATIONS	1,164.61	5,796.00	1,158.13	1,158.13	4,637.87	20
502-4-44000-5304	PROPERTY INSURANCE	3,572.70	3,302.41	0.00	0.00	3,302.41	0
502-4-44000-5305	MOTOR VEHICLE INSURANCE	360.70	353.07	0.00	0.00	353.07	0
502-4-44000-5501	TRAVEL-MILEAGE/HOTEL/CONFERENCE	0.00	3,000.00	0.00	0.00	3,000.00	0
502-4-44000-5600	PERMITS	0.00	4,000.00	0.00	0.00	4,000.00	0
502-4-44000-5810	DUES & MEMBERSHIPS	325.00	2,000.00	225.00	225.00	1,775.00	11
502-4-44000-6001	OFFICE SUPPLIES	2,529.86	2,000.00	0.00	0.00	2,000.00	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
502-4-44000-6004	LAB SUPPLIES	778.23	8,235.00	813.73	813.73	7,421.27	10
502-4-44000-6007	REPAIR & MAINT. SUPPLIES-RUT. CRK.	5,124.16	35,000.00	14,703.29	14,703.29	20,296.71	42
502-4-44000-6008	FUEL/OIL	375.88	3,000.00	335.67	335.67	2,664.33	11
502-4-44000-6009	VEHICLE & EQUIP SUPPLIES	0.00	3,000.00	212.93	212.93	2,787.07	7
502-4-44000-6011	UNIFORMS	513.98	2,000.00	0.00	0.00	2,000.00	0
502-4-44000-6051	CHEMICALS - RUT. CREEK	0.00	4,615.00	0.00	0.00	4,615.00	0
502-4-44000-8005	VEHICLES	0.00	15,000.00	54.48	54.48	14,945.52	0
	44000 SEWER OPERATIONAL	**65,307.64**	**543,823.32**	**97,076.49**	**97,076.49**	**446,746.83**	**18**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
502-4-45000-0000	SEWER MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0
502-4-45000-1100	WAGES	21,335.02	137,518.60	19,243.18	19,243.18	118,275.42	14
502-4-45000-1300	PT WAGES	179.70	791.17	181.57	181.57	609.60	23
502-4-45000-1400	OTHER PAY/HOLIDAY	0.00	1,963.56	0.00	0.00	1,963.56	0
502-4-45000-2100	FICA	1,652.00	10,730.91	1,490.06	1,490.06	9,240.85	14
502-4-45000-2200	VRS	2,928.64	28,569.46	4,238.26	4,238.26	24,331.20	15
502-4-45000-2300	HEALTH INSURANCE	3,815.75	30,600.11	4,108.66	4,108.66	26,491.45	13
502-4-45000-2400	GROUP LIFE INSURANCE	242.69	1,622.72	243.65	243.65	1,379.07	15
502-4-45000-5305	MOTOR VEHICLE INSURANCE	1,126.76	1,162.05	0.00	0.00	1,162.05	0
502-4-45000-5410	LEASE OF EQUIPMENT	0.00	5,000.00	0.00	0.00	5,000.00	0
502-4-45000-6007	REPAIR & MAINT. SUPPLIES	7,968.68	10,000.00	19.92	19.92	9,980.08	0
502-4-45000-8005	EQUIPMENT/VEHICLES	37,366.50	250,000.00	0.00	0.00	250,000.00	0
	45000 SEWER MAINTENANCE	**76,615.74**	**477,958.58**	**29,525.30**	**29,525.30**	**448,433.28**	**6**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
502-4-94000-0000	CAPITAL PROJECTS	0.00	0.00	0.00	0.00	0.00	0
502-4-94000-8002	WWTP CENTRIFUGE	362,863.75	0.00	6,250.00	6,250.00	6,250.00-	0

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
502-4-95000-0000	DEBT SERVICE	0.00	0.00	0.00	0.00	0.00	0
502-4-95000-9002	STERLING BANK WWTP REFI PRIN	36,212.45	224,655.57	37,442.60	37,442.60	187,212.97	17
502-4-95000-9003	STERLING BANK WWTP REFI INTEREST	9,343.43	45,651.27	8,130.42	8,130.42	37,520.85	18
502-4-95000-9004	SEWER REHAB PRINCIPLE	11,602.88	71,110.29	11,763.86	11,763.86	59,346.43	17
502-4-95000-9005	SEWER REHAB INTEREST	7,653.12	44,425.71	7,492.14	7,492.14	36,933.57	17
	95000 DEBT SERVICE	**64,811.88**	**385,842.84**	**64,829.02**	**64,829.02**	**321,013.82**	**17**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
	SEWER FUND Expenditure Totals	**589,312.53**	**1,539,377.41**	**218,131.47**	**218,131.47**	**1,321,245.94**	**14**

502 SEWER FUND	**Prior**	**Current**	**YTD**
Revenues:	**151,113.60**	**161,578.89**	**161,578.89**
Expenditures:	**589,312.53**	**218,131.47**	**218,131.47**
Net Income:	**438,198.93-**	**56,552.58-**	**56,552.58-**

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
514-3-16080-0005	GARBAGE IT CHARGES	23,392.26	146,975.00	24,788.00	24,788.00	122,187.00-	17
514-3-16080-0006	GARBAGE OT CHARGES	3,337.14	20,812.50	3,425.00	3,425.00	17,387.50-	16
514-3-16080-0009	PENALTIES	881.93	5,000.00	729.21	729.21	4,270.79-	15
	16080 Total	**27,611.33**	**172,787.50**	**28,942.21**	**28,942.21**	**143,845.29-**	**16**
	GARBAGE FUND Revenue Totals	**27,611.33**	**172,787.50**	**28,942.21**	**28,942.21**	**143,845.29-**	**16**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
514-4-12110-0000	TOWN MANAGER	0.00	0.00	0.00	0.00	0.00	0
514-4-12110-1100	WAGES	654.66	3,670.57	556.99	556.99	3,113.58	15
514-4-12110-1300	PT WAGES	97.82	0.00	82.73	82.73	82.73-	0
514-4-12110-2100	FICA	59.95	280.80	51.48	51.48	229.32	18
514-4-12110-2200	VRS	117.96	882.04	157.61	157.61	724.43	18
514-4-12110-2300	HEALTH INSURANCE	55.57	368.68	55.59	55.59	313.09	15
514-4-12110-2400	GROUP LIFE INSURANCE	7.53	43.31	7.10	7.10	36.21	16
514-4-12110-2500	STD/LONG-TERM DISABILITY	1.52	19.38	3.20	3.20	16.18	17
514-4-12110-5000	CONTINGENCY	0.00	5,146.67	0.00	0.00	5,146.67	0
	12110 TOWN MANAGER	**995.01**	**10,411.45**	**914.70**	**914.70**	**9,496.75**	**9**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
514-4-12420-0000	FINANCE DEPARTMENT	0.00	0.00	0.00	0.00	0.00	0
514-4-12420-1100	WAGES	305.97	1,804.44	281.62	281.62	1,522.82	16
514-4-12420-1300	PT WAGES	37.64	268.81	31.51	31.51	237.30	12
514-4-12420-2100	FICA	24.64	158.60	22.28	22.28	136.32	14
514-4-12420-2200	VRS	40.04	402.59	56.40	56.40	346.19	14
514-4-12420-2300	HEALTH INSURANCE	18.45	368.68	18.48	18.48	350.20	5
514-4-12420-2400	GROUP LIFE INSURANCE	3.18	21.29	3.18	3.18	18.11	15
514-4-12420-2500	HYBRID DISABILITY	0.37	4.85	0.73	0.73	4.12	15
	12420 FINANCE DEPARTMENT	**430.29**	**3,029.26**	**414.20**	**414.20**	**2,615.06**	**14**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
514-4-43200-0000	CONTROL	0.00	0.00	0.00	0.00	0.00	0
514-4-43200-3160	COLLECTION IN-TOWN	21,068.72	132,949.92	22,184.00	22,184.00	110,765.92	17
514-4-43200-3170	COLLECTION OUT OF TOWN	2,923.36	21,403.20	3,082.16	3,082.16	18,321.04	14
	43200 CONTROL	**23,992.08**	**154,353.12**	**25,266.16**	**25,266.16**	**129,086.96**	**16**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
514-4-45000-0000	GARBAGE MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0
514-4-45000-1100	WAGES	474.12	3,243.13	427.60	427.60	2,815.53	13
514-4-45000-1400	OTHER PAY/HOLIDAYS	0.00	43.63	0.00	0.00	43.63	0
514-4-45000-2100	FICA	36.41	251.44	32.82	32.82	218.62	13
514-4-45000-2200	VRS	65.11	679.85	94.21	94.21	585.64	14
514-4-45000-2300	HEALTH INSURANCE	84.79	737.35	91.28	91.28	646.07	12
514-4-45000-2400	GROUP LIFE INSURANCE	5.39	38.27	5.43	5.43	32.84	14
	45000 GARBAGE MAINTENANCE	**665.82**	**4,993.67**	**651.34**	**651.34**	**4,342.33**	**13**
	GARBAGE FUND Expenditure Totals	**26,083.20**	**172,787.50**	**27,246.40**	**27,246.40**	**145,541.10**	**16**

514 GARBAGE FUND	Prior	Current	YTD
Revenues:	**27,611.33**	**28,942.21**	**28,942.21**
Expenditures:	**26,083.20**	**27,246.40**	**27,246.40**
Net Income:	**1,528.13**	**1,695.81**	**1,695.81**

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Excess/Deficit	% Real
701-3-41030-0001	BP RECOUPMENT REV	0.00	64,812.76	0.00	0.00	64,812.76-	0
701-3-41040-0001	BOND ISSUE	0.00	3,890.00	0.00	0.00	3,890.00-	0
701-3-41060-0001	HOME OWNERS REIM	0.00	1,923.00	0.00	0.00	1,923.00-	0
	IDA FUND Revenue Totals	**0.00**	**70,625.76**	**0.00**	**0.00**	**70,625.76-**	**0**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
701-4-45000-0000	CONTROL	0.00	0.00	0.00	0.00	0.00	0
701-4-45000-1300	PT WAGES	2,156.36	9,494.03	2,178.82	2,178.82	7,315.21	23
701-4-45000-2100	FICA	164.95	726.29	166.67	166.67	559.62	23
701-4-45000-2700	WORKER'S COMP	0.00	273.74	0.00	0.00	273.74	0
	45000 CONTROL	**2,321.31**	**10,494.06**	**2,345.49**	**2,345.49**	**8,148.57**	**22**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
701-4-81500-0000	ECONOMIC DEVELOPMENT	0.00	0.00	0.00	0.00	0.00	0
701-4-81500-5100	ELECTRICAL SERV.	47.99	300.00	50.45	50.45	249.55	17
701-4-81500-5810	DUES AND MEMBERSHIP	2,690.00	2,800.00	2,658.00	2,658.00	142.00	95
701-4-81500-9200	TRANSFER TO IDA FUND	0.00	57,031.70	0.00	0.00	57,031.70	0
	81500 ECONOMIC DEVELOPMENT	**2,737.99**	**60,131.70**	**2,708.45**	**2,708.45**	**57,423.25**	**4**

Expenditure Account	Description	Prior Yr Expd	Budgeted	Current Expd	YTD Expended	Unexpended	% Expd
	IDA FUND Expenditure Totals	**5,059.30**	**70,625.76**	**5,053.94**	**5,053.94**	**65,571.82**	**7**

701 IDA FUND	**Prior**	**Current**	**YTD**
Revenues:	**0.00**	**0.00**	**0.00**
Expenditures:	**5,059.30**	**5,053.94**	**5,053.94**
Net Income:	**5,059.30-**	**5,053.94-**	**5,053.94-**

Grand Totals	Prior	Current	YTD
Revenues:	**688,817.96**	**774,451.75**	**774,451.75**
Expenditures:	**1,245,331.19**	**703,336.86**	**703,336.86**
Net Income:	**556,513.23-**	**71,114.89**	**71,114.89**

CLERK OF COUNCIL REPORT
AUGUST 2024

COMMITTEE MEETINGS

Town Council
Regular Meeting 08/14/24: Receive and review agenda materials; assemble packet for meeting; post agenda packet to website; prepare for and attend meeting; draft minutes for approval; post to Town website.

Planning Commission
Regular Meeting 8/7/24: Receive and review agenda materials; assemble packet for meeting; post agenda packet to website; prepare for and attend meeting (remote due to covid) draft minutes for approval; post to Town website.

Quorums: Confirm meetings and cancellations with board members

TOWN WEBSITE DESIGN AND CONTENT MANAGEMENT
Administration of website generating and continuously uploading information/documents; revising and adding website pages with latest information and links to documents and/or outside sites; examining traffic through the site; design for overall look and feel of the site, including photos, color, graphics, and layout; creating, editing, posting, updating, and cleaning up outdated content.

TOWN FACEBOOK ADMINISTRATOR
- Create content and/or design for posting on Facebook with links to Town Website
- Share links to community news and events; Monitor feedback.

CHRISTMS PARADE
Schedule and Attend 8/26/24 Parade Meeting
Update participant email list, update entry form; update information for website and Facebook
Contact school personnel regarding live-streaming event

BANNERS
Honor flags – Receive and review two order forms; place orders for additional flags
Amherst County Fair – receive and review request for banner permit; prepare and send VDOT permit application; receive permit from VDOT and distribute

OTHER:
- Convert and post audio recording of meeting to website
- Prepare/draft numerous miscellaneous legal ads and notices; post ads to newspaper portal; post notices to website
- Design and place order for police department business cards
- Prepare closed session resolutions and ordinances
- Miscellaneous phone calls, correspondence; miscellaneous research.
- Prepare miscellaneous purchase orders.

Town of Amherst Committees Report– August 31, 2024 - See Attached.

Town of Amherst Committees as of AUGUST 31, 2024

	Appointed/Term Expires	
TOWN COUNCIL		
D. Dwayne Tuggle, Mayor	01/01/23	12/31/26
Kenneth S. Watts	11/16/23	12/31/24
Michael Driskill	01/01/23	12/31/24
Sharon W. Turner	01/01/21	12/31/24
Andra A. Higginbotham	01/01/23	12/31/26
Janice N. Wheaton	01/01/23	12/31/26

PLANNING COMMISSION		
June Driskill, Chairperson	07/01/24	06/30/28
Michael H. Driskill	01/01/23	12/31/24 (TC rep)
William Jones	07/01/23	06/30/27
Veda Butcher	5/10/23	11/10/25
John Kendrick Vandervelde	07/01/22	06/30/26
Clifford Hart	07/01/23	06/30/27
Anne Webster Day	07/01/22	06/30/26

BOARD OF ZONING APPEALS		
June Driskill	11/13/20	08/31/25
Teresa Tatlock	11/11/21	08/31/26
Shannan C. Carter	09/01/22	08/31/27
R.A. “Tony Robertson	09/01/23	08/31/28
Jason David Eagle	09/01/24	08/31/29 (pending order)

ECONOMIC DEVELOPMENT AUTHORITY		
Clifford Hart	07/01/23	06/30/27
Sharon Watts Turner	07/01/22	06/30/26
~~Douglas L. Thompson~~	~~08/15/22~~	~~06/30/25~~ Vacancy
Steven A. Jefferson	07/01/24	06/30/28
Manly Rucker	07/01/21	06/30/25
Mark Milhous	08/18/22	08/31/26
Harold O. Thomas, Jr.	04/10//24	04/31/28

PROPERTY MAINTENANCE INVESTIGATION BOARD		
C. Manly Rucker, III	07/01/24	06/30/28
Bessie H. Kirkwood	07/01/22	06/30/26
Glenda Hash	07/01/24	06/30/28

CENTRAL VIRGINIA PLANNING COMMISSION/MPO		
D. Dwayne Tuggle	01/01/23	12/31/24
Sara McGuffin	01/01/23	12/31/24

	Appointed/Term Expires	
CENTRAL VIRGINIA TRANSPORTATION COUNCIL (MPO)		
D. Dwayne Tuggle	01/01/23	12/31/24
Sara E. McGuffin	01/01/23	12/31/24

	Appointed/Term Expires	
STANDING COUNCIL COMMITTEES	**01/01/23**	**12/31/24**

Town Council will act as a whole in lieu of standing council committees.

Utility/Town Maintenance and Construction Report

Aug-24

Water Meter Read	1210
Water Meter Re-Read	22
Disconnects	4
VA-811 Service locations	37
Vehicle PM Work Orders	13
Pump Station/Plant Work Orders	12
Banners Installed/Dismantled	0
Water Services Installed/Replaced	6
Sewer Services Installed/Replaced	0
Minor Leaks Repaired	1
Major Leaks Repaired	1
Minor Sewer Problems Resolved	2
Major Sewer Problems Resolved	6

Man Hours

Meter Reading	107
Street/Sidewalk Maintenance	422
Bush gogging/ Right of way water/ sewer	115
Flushing Water	2
Equipment Maintenance	87
Xmas decorations	0

Water

Wa ter intake road reworked	Extreme heat dangerous working conditions. Put up Street Banners
Maintenance building under roof	Solving maintenance problems in other departments
Vac all streets and repaint parking and no parking spaces.	
Work with vendor on meter reading study	
	Many other projects completed

Routine/Annual Work	**Projects/Unusual Work**
Service Work Orders	Locating Un-marked/Unknown Water & Sewer System Assets
Meter Reading	Continue Safety and Shop/Yard Clean-up
Prev-Maint Work Orders	Staff has been working on finding water valves and addressing issues
Disconnects	Working on clearing water right of ways.
Re-connects	
Flushing Program	
in Select Locations	

TOWN OF AMHERST
DEPARTMENT OF PLANTS
MONTHLY REPORT TO COUNCIL
FOR THE MONTH OF August, 2024

SUBMITTED BY:
GARY S. WILLIAMS, DIRECTOR OF PLANTS

In August, wastewater is involved in its annual test of influent, effluent, and drying bed samples. As a general stance, the facility test incoming and outgoing waters are pretty much non-descript, so much so that most of the continents tested for come back “ND” or none detectable. In simplified terms, these results are not detected at or above adjusted reporting limits. A reporting limit is the lowest concentration value that meets project requirements for quantitative data with known precision and bias for the specific analyte in a particular matrix.
The test results for samples taken on August thirteenth and August fourteenth have been included in this report for reference. These reports are complete, meaning they have quality control testing and the tested results. The test results have been highlighted for review and comparison.

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

September 03, 2024

Mr. Gary Williams
TOWN OF AMHERST
PO BOX 280
Amherst, VA 24521

RE: Project: Annual Effluent
Pace Project No.: 30709277

Dear Mr. Williams:

Enclosed are the analytical results for sample(s) received by the laboratory on August 14, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Beaver
- Pace Analytical Services - Greensburg
- Pace Analytical Services - Williamsport

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heather Godbey

Heather M. Godbey
heather.godbey@pacelabs.com
(800)999-0105
Project Manager

Enclosures

cc: Mr. Fred Adams, TOWN OF AMHERST
JONATHAN BROWN
Ms. Becky Cash, TOWN OF AMHERST
ROBERT MEYERS
Mr. Gary Smith, TOWN OF AMHERST

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

CERTIFICATIONS

Project: Annual Effluent
Pace Project No.: 30709277

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Beaver
225 Industrial Park Road, Beaver, WV 25813
Virginia VELAP 460148
West Virginia DEP 060
West Virginia DHHR 00412CM
North Carolina DEQ 466
Kentucky Wastewater Certification KY90039
Pennsylvania DEP 68-00839

Pace Analytical Services Williamsport
2829 Reach Rd, Williamsport, PA 17701
Delaware H&SS
Maryland DOE 202
New York DOH NELAP 12028
Pennsylvania Dept of Agriculture 42-B-00142
Pennsylvania DEP NELAP Accredited 41-00034
USFDA Registered DUNS 117006653
West Virginia DEP 413

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

SAMPLE SUMMARY

Project: Annual Effluent
Pace Project No.: 30709277

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30709277001	**Effluent Grab #1**	Water	08/13/24 09:07	08/14/24 23:00
30709277002	**Effluent Grab #2**	Water	08/13/24 16:48	08/14/24 23:00
30709277003	**Effluent Grab #3**	Water	08/14/24 00:48	08/14/24 23:00
30709277004	**Effluent Grab**	Water	08/13/24 09:07	08/14/24 23:00
30709277005	**Trip Blank**	Water	08/13/24 00:00	08/14/24 23:00
30709277006	**Effluent Composite**	Water	08/14/24 08:00	08/14/24 23:00

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

SAMPLE ANALYTE COUNT

Project: Annual Effluent
Pace Project No.: 30709277

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30709277001	**Effluent Grab #1**	EPA 608.3 Dec 2016	BNL	9	PASI-PA
		EPA 608.3 Dec 2016	CTS	20	PASI-PA
		EPA 625.1 Dec 2016	EAC	69	PASI-PA
		EPA 624.1 Dec 2016	AJC	53	PASI-PA
		Field Data	HMG	3	PASI-WP
30709277002	**Effluent Grab #2**	EPA 608.3 Dec 2016	BNL	9	PASI-PA
		EPA 608.3 Dec 2016	CTS	20	PASI-PA
		EPA 625.1 Dec 2016	EAC	69	PASI-PA
		EPA 624.1 Dec 2016	AJC	53	PASI-PA
		Field Data	HMG	3	PASI-WP
30709277003	**Effluent Grab #3**	EPA 608.3 Dec 2016	BNL	9	PASI-PA
		EPA 608.3 Dec 2016	CTS	20	PASI-PA
		EPA 625.1 Dec 2016	EAC	69	PASI-PA
		EPA 624.1 Dec 2016	AJC	53	PASI-PA
		Field Data	HMG	3	PASI-WP
30709277004	**Effluent Grab**	EPA 218.6	MAT	1	PASI-BV
		EPA 335.4, Rev 1.0	CJD	1	PASI-BV
		EPA 420.1	SAM1	1	PASI-BV
30709277005	**Trip Blank**	EPA 624.1 Dec 2016	AJC	34	PASI-PA
30709277006	**Effluent Composite**	EPA 200.7	AGB	1	PASI-BV
		EPA 200.8	WES	12	PASI-BV
		EPA 245.1	JLH	1	PASI-BV
		EPA 300.0, Rev 2.1	MAT	1	PASI-BV
		EPA 300.0, Rev 2.1	MAT	1	PASI-BV
		EPA 351.2, Rev 2.0	CJD	1	PASI-BV
		SM 4500-P-E-11	SAM1	1	PASI-BV
		SM 4500NO3-F-2016	AK1	1	PASI-PA

PASI-BV = Pace Analytical Services - Beaver
PASI-PA = Pace Analytical Services - Greensburg
PASI-WP = Pace Analytical Services - Williamsport

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #1 **Lab ID: 30709277001** Collected: 08/13/24 09:07 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:36	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	56	%.	10-141	1	08/20/24 09:00	08/20/24 22:36	877-09-8	
Decachlorobiphenyl (S)	42	%.	12-117	1	08/20/24 09:00	08/20/24 22:36	2051-24-3	
608.3 Pesticides Reduced Vol.	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
Aldrin	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	309-00-2	
alpha-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	319-84-6	
beta-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	319-85-7	
delta-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	58-89-9	
Chlordane (Technical)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 10:56	57-74-9	
4,4'-DDD	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	72-54-8	
4,4'-DDE	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	72-55-9	
4,4'-DDT	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	50-29-3	
Dieldrin	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	60-57-1	
Endosulfan I	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	959-98-8	
Endosulfan II	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	1031-07-8	
Endrin	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	72-20-8	
Endrin aldehyde	ND	ug/L	0.049	1	08/20/24 09:00	08/21/24 10:56	7421-93-4	
Heptachlor	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	76-44-8	
Heptachlor epoxide	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 10:56	1024-57-3	
Toxaphene	ND	ug/L	0.49	1	08/20/24 09:00	08/21/24 10:56	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	77	%.	10-103	1	08/20/24 09:00	08/21/24 10:56	877-09-8	
Decachlorobiphenyl (S)	73	%.	10-114	1	08/20/24 09:00	08/21/24 10:56	2051-24-3	
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016							
	Pace Analytical Services - Greensburg							
Acenaphthene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	83-32-9	
Acenaphthylene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	208-96-8	
Anthracene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	120-12-7	
Benzidine	ND	ug/L	17.0	1	08/15/24 11:00	08/16/24 12:42	92-87-5	L2
Benzo(a)anthracene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	191-24-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #1 **Lab ID: 30709277001** Collected: 08/13/24 09:07 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Benzo(k)fluoranthene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	207-08-9	
Benzoic acid	ND	ug/L	17.0	1	08/15/24 11:00	08/16/24 12:42	65-85-0	
4-Bromophenylphenyl ether	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	85-68-7	L1
4-Chloro-3-methylphenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	59-50-7	
4-Chloroaniline	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	91-58-7	
2-Chlorophenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	7005-72-3	
Chrysene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	53-70-3	
Dibenzofuran	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	120-83-2	
Diethylphthalate	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	105-67-9	
Dimethylphthalate	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	534-52-1	
2,4-Dinitrophenol	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	51-28-5	CH
2,4-Dinitrotoluene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	117-81-7	
Fluoranthene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	206-44-0	
Fluorene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	87-68-3	
Hexachlorobenzene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	77-47-4	
Hexachloroethane	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	193-39-5	
Isophorone	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	78-59-1	
2-Methylnaphthalene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	91-57-6	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.3	1	08/15/24 11:00	08/16/24 12:42		
Naphthalene	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	91-20-3	B
2-Nitroaniline	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	88-74-4	
4-Nitroaniline	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	100-01-6	
Nitrobenzene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	98-95-3	
2-Nitrophenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	88-75-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #1 **Lab ID: 30709277001** Collected: 08/13/24 09:07 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
4-Nitrophenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	100-02-7	CH
N-Nitroso-di-n-propylamine	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	86-30-6	
Pentachlorophenol	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	87-86-5	
Phenanthrene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	85-01-8	
Phenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	108-95-2	
Pyrene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	2.8	1	08/15/24 11:00	08/16/24 12:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	1.1	1	08/15/24 11:00	08/16/24 12:42	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	56	%.	25-154	1	08/15/24 11:00	08/16/24 12:42	4165-60-0	
2-Fluorobiphenyl (S)	52	%.	39-116	1	08/15/24 11:00	08/16/24 12:42	321-60-8	
Terphenyl-d14 (S)	71	%.	10-173	1	08/15/24 11:00	08/16/24 12:42	1718-51-0	
Phenol-d6 (S)	25	%.	10-73	1	08/15/24 11:00	08/16/24 12:42	13127-88-3	
2-Fluorophenol (S)	34	%.	10-85	1	08/15/24 11:00	08/16/24 12:42	367-12-4	
2,4,6-Tribromophenol (S)	64	%.	16-155	1	08/15/24 11:00	08/16/24 12:42	118-79-6	
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	50.0	1		08/15/24 15:39	67-64-1	
Acrolein	ND	ug/L	10.0	1		08/15/24 15:39	107-02-8	
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 15:39	107-13-1	
Benzene	ND	ug/L	1.0	1		08/15/24 15:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 15:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 15:39	75-27-4	
Bromoform	ND	ug/L	4.0	1		08/15/24 15:39	75-25-2	
Bromomethane	ND	ug/L	10.0	1		08/15/24 15:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		08/15/24 15:39	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/15/24 15:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 15:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 15:39	108-90-7	
Chloroethane	ND	ug/L	4.0	1		08/15/24 15:39	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 15:39	110-75-8	
Chloroform	ND	ug/L	4.0	1		08/15/24 15:39	67-66-3	
Chloromethane	ND	ug/L	10.0	1		08/15/24 15:39	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 15:39	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 15:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 15:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 15:39	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 15:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 15:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 15:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 15:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 15:39	156-60-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #1 **Lab ID: 30709277001** Collected: 08/13/24 09:07 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016							
	Pace Analytical Services - Greensburg							
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 15:39	78-87-5	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 15:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/15/24 15:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 15:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 15:39	10061-02-6	
Total 1,3-Dichloropropene	ND	ug/L	2.0	1		08/15/24 15:39		N2
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 15:39	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/15/24 15:39	591-78-6	
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 15:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/15/24 15:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/15/24 15:39	1634-04-4	
Styrene	ND	ug/L	1.0	1		08/15/24 15:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 15:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 15:39	127-18-4	
Toluene	ND	ug/L	1.0	1		08/15/24 15:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 15:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 15:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/15/24 15:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/15/24 15:39	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 15:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/15/24 15:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/15/24 15:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/15/24 15:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%.	80-120	1		08/15/24 15:39	460-00-4	
Toluene-d8 (S)	99	%.	80-120	1		08/15/24 15:39	2037-26-5	
1,2-Dichloroethane-d4 (S)	113	%.	80-120	1		08/15/24 15:39	17060-07-0	
Dibromofluoromethane (S)	104	%.	74-125	1		08/15/24 15:39	1868-53-7	
Preservation pH	**2.0**		2.0	1		08/15/24 15:39		B
Field Grab Data	Analytical Method: Field Data							
	Pace Analytical Services - Williamsport							
Collected Time	**09:07**			1		08/15/24 14:00		
Field pH	**7.39**	Std. Units		1		08/15/24 14:00		
Field Temperature	**23**	deg C		1		08/15/24 14:00		

Sample: Effluent Grab #2 **Lab ID: 30709277002** Collected: 08/13/24 16:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:46	12674-11-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #2 **Lab ID: 30709277002** Collected: 08/13/24 16:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
PCB-1221 (Aroclor 1221)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.25	1	08/20/24 09:00	08/20/24 22:46	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	67	%.	10-141	1	08/20/24 09:00	08/20/24 22:46	877-09-8	
Decachlorobiphenyl (S)	57	%.	12-117	1	08/20/24 09:00	08/20/24 22:46	2051-24-3	
608.3 Pesticides Reduced Vol.	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
Aldrin	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	309-00-2	
alpha-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	319-84-6	
beta-BHC	**0.035**	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	319-85-7	C2
delta-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	58-89-9	
Chlordane (Technical)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 11:09	57-74-9	
4,4'-DDD	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	72-54-8	
4,4'-DDE	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	72-55-9	
4,4'-DDT	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	50-29-3	
Dieldrin	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	60-57-1	
Endosulfan I	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	959-98-8	
Endosulfan II	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	1031-07-8	
Endrin	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	72-20-8	
Endrin aldehyde	ND	ug/L	0.051	1	08/20/24 09:00	08/21/24 11:09	7421-93-4	
Heptachlor	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	76-44-8	
Heptachlor epoxide	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:09	1024-57-3	
Toxaphene	ND	ug/L	0.51	1	08/20/24 09:00	08/21/24 11:09	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	75	%.	10-103	1	08/20/24 09:00	08/21/24 11:09	877-09-8	
Decachlorobiphenyl (S)	72	%.	10-114	1	08/20/24 09:00	08/21/24 11:09	2051-24-3	
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016							
	Pace Analytical Services - Greensburg							
Acenaphthene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	83-32-9	
Acenaphthylene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	208-96-8	
Anthracene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	120-12-7	
Benzidine	ND	ug/L	14.7	1	08/15/24 11:00	08/16/24 13:01	92-87-5	L2
Benzo(a)anthracene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	207-08-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #2 **Lab ID: 30709277002** Collected: 08/13/24 16:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Benzoic acid	ND	ug/L	14.7	1	08/15/24 11:00	08/16/24 13:01	65-85-0	
4-Bromophenylphenyl ether	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	85-68-7	L1
4-Chloro-3-methylphenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	59-50-7	
4-Chloroaniline	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	91-58-7	
2-Chlorophenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	7005-72-3	
Chrysene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	53-70-3	
Dibenzofuran	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	120-83-2	
Diethylphthalate	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	105-67-9	
Dimethylphthalate	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	51-28-5	CH
2,4-Dinitrotoluene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	117-81-7	
Fluoranthene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	206-44-0	
Fluorene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	87-68-3	
Hexachlorobenzene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	77-47-4	
Hexachloroethane	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	193-39-5	
Isophorone	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	78-59-1	
2-Methylnaphthalene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	91-57-6	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.0	1	08/15/24 11:00	08/16/24 13:01		
Naphthalene	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	91-20-3	B
2-Nitroaniline	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	88-74-4	
4-Nitroaniline	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	100-01-6	
Nitrobenzene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	98-95-3	
2-Nitrophenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	88-75-5	
4-Nitrophenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	100-02-7	CH

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #2 **Lab ID: 30709277002** Collected: 08/13/24 16:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
N-Nitroso-di-n-propylamine	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	86-30-6	
Pentachlorophenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	87-86-5	
Phenanthrene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	85-01-8	
Phenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	108-95-2	
Pyrene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 13:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	0.98	1	08/15/24 11:00	08/16/24 13:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	71	%.	25-154	1	08/15/24 11:00	08/16/24 13:01	4165-60-0	
2-Fluorobiphenyl (S)	68	%.	39-116	1	08/15/24 11:00	08/16/24 13:01	321-60-8	
Terphenyl-d14 (S)	82	%.	10-173	1	08/15/24 11:00	08/16/24 13:01	1718-51-0	
Phenol-d6 (S)	24	%.	10-73	1	08/15/24 11:00	08/16/24 13:01	13127-88-3	
2-Fluorophenol (S)	36	%.	10-85	1	08/15/24 11:00	08/16/24 13:01	367-12-4	
2,4,6-Tribromophenol (S)	79	%.	16-155	1	08/15/24 11:00	08/16/24 13:01	118-79-6	
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	50.0	1		08/15/24 16:05	67-64-1	
Acrolein	ND	ug/L	10.0	1		08/15/24 16:05	107-02-8	
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 16:05	107-13-1	
Benzene	ND	ug/L	1.0	1		08/15/24 16:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 16:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 16:05	75-27-4	
Bromoform	ND	ug/L	4.0	1		08/15/24 16:05	75-25-2	
Bromomethane	ND	ug/L	10.0	1		08/15/24 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		08/15/24 16:05	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/15/24 16:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 16:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 16:05	108-90-7	
Chloroethane	ND	ug/L	4.0	1		08/15/24 16:05	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 16:05	110-75-8	
Chloroform	ND	ug/L	4.0	1		08/15/24 16:05	67-66-3	
Chloromethane	ND	ug/L	10.0	1		08/15/24 16:05	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 16:05	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:05	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 16:05	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #2 **Lab ID: 30709277002** Collected: 08/13/24 16:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016							
	Pace Analytical Services - Greensburg							
2,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 16:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:05	10061-02-6	
Total 1,3-Dichloropropene	ND	ug/L	2.0	1		08/15/24 16:05		N2
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 16:05	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/15/24 16:05	591-78-6	
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/15/24 16:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/15/24 16:05	1634-04-4	
Styrene	ND	ug/L	1.0	1		08/15/24 16:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 16:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 16:05	127-18-4	
Toluene	ND	ug/L	1.0	1		08/15/24 16:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 16:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/15/24 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/15/24 16:05	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 16:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/15/24 16:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/15/24 16:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/15/24 16:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%.	80-120	1		08/15/24 16:05	460-00-4	
Toluene-d8 (S)	98	%.	80-120	1		08/15/24 16:05	2037-26-5	
1,2-Dichloroethane-d4 (S)	113	%.	80-120	1		08/15/24 16:05	17060-07-0	
Dibromofluoromethane (S)	101	%.	74-125	1		08/15/24 16:05	1868-53-7	
Preservation pH	**2.0**		2.0	1		08/15/24 16:05		B
Field Grab Data	Analytical Method: Field Data							
	Pace Analytical Services - Williamsport							
Collected Time	**16:44**			1		08/15/24 14:01		
Field pH	**7.53**	Std. Units		1		08/15/24 14:01		
Field Temperature	**25.2**	deg C		1		08/15/24 14:01		

Sample: Effluent Grab #3 **Lab ID: 30709277003** Collected: 08/14/24 00:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 08:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 08:14	11104-28-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #3 **Lab ID: 30709277003** Collected: 08/14/24 00:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
PCB-1232 (Aroclor 1232)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 08:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 08:14	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 08:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 08:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 08:14	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	68	%.	10-141	1	08/20/24 09:00	08/21/24 08:14	877-09-8	
Decachlorobiphenyl (S)	68	%.	12-117	1	08/20/24 09:00	08/21/24 08:14	2051-24-3	
608.3 Pesticides Reduced Vol.	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
Aldrin	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	309-00-2	
alpha-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	319-84-6	
beta-BHC	**0.029**	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	319-85-7	C2
delta-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	58-89-9	
Chlordane (Technical)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 11:59	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	50-29-3	
Dieldrin	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	60-57-1	
Endosulfan I	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	1031-07-8	
Endrin	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 11:59	7421-93-4	
Heptachlor	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	76-44-8	
Heptachlor epoxide	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 11:59	1024-57-3	
Toxaphene	ND	ug/L	0.50	1	08/20/24 09:00	08/21/24 11:59	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	62	%.	10-103	1	08/20/24 09:00	08/21/24 11:59	877-09-8	
Decachlorobiphenyl (S)	70	%.	10-114	1	08/20/24 09:00	08/21/24 11:59	2051-24-3	
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016							
	Pace Analytical Services - Greensburg							
Acenaphthene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	83-32-9	ED
Acenaphthylene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	208-96-8	ED
Anthracene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	120-12-7	ED
Benzidine	ND	ug/L	15.2	1	08/15/24 11:00	08/16/24 14:38	92-87-5	ED,L2
Benzo(a)anthracene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	56-55-3	ED
Benzo(a)pyrene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	50-32-8	ED
Benzo(b)fluoranthene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	205-99-2	ED
Benzo(g,h,i)perylene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	191-24-2	ED
Benzo(k)fluoranthene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	207-08-9	ED
Benzoic acid	ND	ug/L	15.2	1	08/15/24 11:00	08/16/24 14:38	65-85-0	ED

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #3 **Lab ID: 30709277003** Collected: 08/14/24 00:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
4-Bromophenylphenyl ether	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	101-55-3	ED
Butylbenzylphthalate	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	85-68-7	ED,L1
4-Chloro-3-methylphenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	59-50-7	ED
4-Chloroaniline	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	106-47-8	ED
bis(2-Chloroethoxy)methane	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	111-91-1	ED
bis(2-Chloroethyl) ether	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	111-44-4	ED
2-Chloronaphthalene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	91-58-7	ED
2-Chlorophenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	95-57-8	ED
4-Chlorophenylphenyl ether	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	7005-72-3	ED
Chrysene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	218-01-9	ED
Dibenz(a,h)anthracene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	53-70-3	ED
Dibenzofuran	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	132-64-9	ED
1,2-Dichlorobenzene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	95-50-1	ED
1,3-Dichlorobenzene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	541-73-1	ED
1,4-Dichlorobenzene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	106-46-7	ED
3,3'-Dichlorobenzidine	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	91-94-1	ED
2,4-Dichlorophenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	120-83-2	ED
Diethylphthalate	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	84-66-2	ED
2,4-Dimethylphenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	105-67-9	ED
Dimethylphthalate	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	131-11-3	ED
Di-n-butylphthalate	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	84-74-2	ED
4,6-Dinitro-2-methylphenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	534-52-1	ED
2,4-Dinitrophenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	51-28-5	CH,ED
2,4-Dinitrotoluene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	121-14-2	ED
2,6-Dinitrotoluene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	606-20-2	ED
Di-n-octylphthalate	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	117-84-0	ED
1,2-Diphenylhydrazine	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	122-66-7	ED
bis(2-Ethylhexyl)phthalate	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	117-81-7	ED
Fluoranthene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	206-44-0	ED
Fluorene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	86-73-7	ED
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	87-68-3	ED
Hexachlorobenzene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	118-74-1	ED
Hexachlorocyclopentadiene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	77-47-4	ED
Hexachloroethane	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	67-72-1	ED
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	193-39-5	ED
Isophorone	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	78-59-1	ED
2-Methylnaphthalene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	91-57-6	ED
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.0	1	08/15/24 11:00	08/16/24 14:38		ED
Naphthalene	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	91-20-3	B,ED
2-Nitroaniline	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	88-74-4	ED
4-Nitroaniline	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	100-01-6	ED
Nitrobenzene	**2.6**	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	98-95-3	ED
2-Nitrophenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	88-75-5	ED
4-Nitrophenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	100-02-7	CH,ED
N-Nitroso-di-n-propylamine	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	621-64-7	ED

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #3 **Lab ID: 30709277003** Collected: 08/14/24 00:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016							
	Pace Analytical Services - Greensburg							
N-Nitrosodiphenylamine	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	86-30-6	ED
Pentachlorophenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	87-86-5	ED
Phenanthrene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	85-01-8	ED
Phenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	108-95-2	ED
Pyrene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	129-00-0	ED
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	120-82-1	ED
2,4,5-Trichlorophenol	ND	ug/L	2.5	1	08/15/24 11:00	08/16/24 14:38	95-95-4	ED
2,4,6-Trichlorophenol	ND	ug/L	1.0	1	08/15/24 11:00	08/16/24 14:38	88-06-2	ED
Surrogates								
Nitrobenzene-d5 (S)	70	%.	25-154	1	08/15/24 11:00	08/16/24 14:38	4165-60-0	
2-Fluorobiphenyl (S)	65	%.	39-116	1	08/15/24 11:00	08/16/24 14:38	321-60-8	
Terphenyl-d14 (S)	84	%.	10-173	1	08/15/24 11:00	08/16/24 14:38	1718-51-0	
Phenol-d6 (S)	24	%.	10-73	1	08/15/24 11:00	08/16/24 14:38	13127-88-3	
2-Fluorophenol (S)	35	%.	10-85	1	08/15/24 11:00	08/16/24 14:38	367-12-4	
2,4,6-Tribromophenol (S)	82	%.	16-155	1	08/15/24 11:00	08/16/24 14:38	118-79-6	
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016							
	Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	50.0	1		08/15/24 16:30	67-64-1	
Acrolein	ND	ug/L	10.0	1		08/15/24 16:30	107-02-8	
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 16:30	107-13-1	
Benzene	ND	ug/L	1.0	1		08/15/24 16:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 16:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 16:30	75-27-4	
Bromoform	ND	ug/L	4.0	1		08/15/24 16:30	75-25-2	
Bromomethane	ND	ug/L	10.0	1		08/15/24 16:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		08/15/24 16:30	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/15/24 16:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 16:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 16:30	108-90-7	
Chloroethane	ND	ug/L	4.0	1		08/15/24 16:30	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 16:30	110-75-8	
Chloroform	ND	ug/L	4.0	1		08/15/24 16:30	67-66-3	
Chloromethane	ND	ug/L	10.0	1		08/15/24 16:30	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 16:30	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:30	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 16:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 16:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 16:30	78-87-5	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 16:30	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab #3 **Lab ID: 30709277003** Collected: 08/14/24 00:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
1,1-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:30	10061-02-6	
Total 1,3-Dichloropropene	ND	ug/L	2.0	1		08/15/24 16:30		N2
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 16:30	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/15/24 16:30	591-78-6	
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 16:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/15/24 16:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/15/24 16:30	1634-04-4	
Styrene	ND	ug/L	1.0	1		08/15/24 16:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 16:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 16:30	127-18-4	
Toluene	ND	ug/L	1.0	1		08/15/24 16:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 16:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 16:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/15/24 16:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/15/24 16:30	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 16:30	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/15/24 16:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/15/24 16:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/15/24 16:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%.	80-120	1		08/15/24 16:30	460-00-4	
Toluene-d8 (S)	99	%.	80-120	1		08/15/24 16:30	2037-26-5	
1,2-Dichloroethane-d4 (S)	111	%.	80-120	1		08/15/24 16:30	17060-07-0	
Dibromofluoromethane (S)	101	%.	74-125	1		08/15/24 16:30	1868-53-7	
Preservation pH	**2.0**		2.0	1		08/15/24 16:30		B
Field Grab Data	Analytical Method: Field Data Pace Analytical Services - Williamsport							
Collected Time	**00:48**			1		08/15/24 14:01		
Field pH	**7.53**	Std. Units		1		08/15/24 14:01		
Field Temperature	**26.2**	deg C		1		08/15/24 14:01		

Sample: Effluent Grab **Lab ID: 30709277004** Collected: 08/13/24 09:07 Received: 08/14/24 23:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR Hexavalent Chromium 28 Day	Analytical Method: EPA 218.6 Pace Analytical Services - Beaver							
Chromium, Hexavalent	ND	ug/L	1.0	1		08/19/24 12:26	18540-29-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Grab **Lab ID: 30709277004** Collected: 08/13/24 09:07 Received: 08/14/24 23:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
335.4 BVR Cyanide, Total	Analytical Method: EPA 335.4, Rev 1.0 Preparation Method: EPA 335.4, Rev 1.0 Pace Analytical Services - Beaver							
Cyanide	ND	mg/L	0.020	1	08/16/24 15:47	08/19/24 16:51	57-12-5	
BVR Phenolic Total Recoverable	Analytical Method: EPA 420.1 Preparation Method: EPA 420.1 Pace Analytical Services - Beaver							
Phenolics, Total Recoverable	ND	mg/L	0.010	1	08/20/24 11:37	08/20/24 15:18	64743-03-9	

Sample: Trip Blank **Lab ID: 30709277005** Collected: 08/13/24 00:00 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Acrolein	ND	ug/L	10.0	1		08/15/24 14:48	107-02-8	M5
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 14:48	107-13-1	M5
Benzene	ND	ug/L	1.0	1		08/15/24 14:48	71-43-2	M5
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 14:48	74-97-5	M5
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 14:48	75-27-4	M5
Bromoform	ND	ug/L	4.0	1		08/15/24 14:48	75-25-2	M5
Bromomethane	ND	ug/L	10.0	1		08/15/24 14:48	74-83-9	M5
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 14:48	56-23-5	M5
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 14:48	108-90-7	M5
Chloroethane	ND	ug/L	4.0	1		08/15/24 14:48	75-00-3	M5
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 14:48	110-75-8	M5
Chloroform	ND	ug/L	4.0	1		08/15/24 14:48	67-66-3	M5
Chloromethane	ND	ug/L	10.0	1		08/15/24 14:48	74-87-3	M5
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 14:48	124-48-1	M5
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 14:48	75-34-3	M5
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 14:48	107-06-2	M5
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 14:48	75-35-4	M5
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 14:48	156-60-5	M5
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 14:48	78-87-5	M5
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 14:48	10061-01-5	M5
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 14:48	10061-02-6	M5
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 14:48	100-41-4	M5
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 14:48	75-09-2	M5
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 14:48	79-34-5	M5
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 14:48	127-18-4	M5
Toluene	ND	ug/L	1.0	1		08/15/24 14:48	108-88-3	M5
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 14:48	71-55-6	M5
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 14:48	79-00-5	M5
Trichloroethene	ND	ug/L	1.0	1		08/15/24 14:48	79-01-6	M5
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 14:48	75-01-4	M5
Surrogates								
4-Bromofluorobenzene (S)	94	%.	80-120	1		08/15/24 14:48	460-00-4	M5

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Trip Blank **Lab ID: 30709277005** Collected: 08/13/24 00:00 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Surrogates								
Toluene-d8 (S)	98	%.	80-120	1		08/15/24 14:48	2037-26-5	M5
1,2-Dichloroethane-d4 (S)	115	%.	80-120	1		08/15/24 14:48	17060-07-0	M5
Dibromofluoromethane (S)	103	%.	74-125	1		08/15/24 14:48	1868-53-7	M5

Sample: Effluent Composite **Lab ID: 30709277006** Collected: 08/14/24 08:00 Received: 08/14/24 23:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.7 Metals Total	Analytical Method: EPA 200.7 Preparation Method: EPA 200.2 Pace Analytical Services - Beaver							
Total Hardness	**75200**	ug/L	3310	1	08/20/24 10:20	08/20/24 19:13		
BVR 200.8 ICPMS Metals, Total	Analytical Method: EPA 200.8 Preparation Method: EPA 200.2 Pace Analytical Services - Beaver							
Antimony	ND	ug/L	0.50	1	08/19/24 14:15	08/20/24 12:44	7440-36-0	
Arsenic	ND	ug/L	2.5	1	08/19/24 14:15	08/20/24 12:44	7440-38-2	
Beryllium	ND	ug/L	0.50	1	08/19/24 14:15	08/20/24 12:44	7440-41-7	
Cadmium	ND	ug/L	0.50	1	08/19/24 14:15	08/20/24 12:44	7440-43-9	
Chromium	ND	ug/L	2.5	1	08/19/24 14:15	08/20/24 12:44	7440-47-3	
Copper	**2.7**	ug/L	2.5	1	08/19/24 14:15	08/20/24 12:44	7440-50-8	
Lead	ND	ug/L	0.50	1	08/19/24 14:15	08/20/24 12:44	7439-92-1	
Nickel	ND	ug/L	2.5	1	08/19/24 14:15	08/20/24 12:44	7440-02-0	
Selenium	ND	ug/L	2.5	1	08/19/24 14:15	08/20/24 12:44	7782-49-2	
Silver	ND	ug/L	0.40	1	08/19/24 14:15	08/20/24 12:44	7440-22-4	
Thallium	ND	ug/L	0.20	1	08/19/24 14:15	08/20/24 12:44	7440-28-0	
Zinc	**10.5**	ug/L	5.0	1	08/19/24 14:15	08/20/24 12:44	7440-66-6	
BVR 245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 Pace Analytical Services - Beaver							
Mercury	ND	ug/L	0.20	1	08/19/24 09:22	08/19/24 15:04	7439-97-6	
BVR 300.0 IC Anions 48 Hours	Analytical Method: EPA 300.0, Rev 2.1 Pace Analytical Services - Beaver							
Orthophosphate as P	**0.31**	mg/L	0.10	1		08/16/24 07:21	14265-44-2	
BVR 300.0 IC Anions	Analytical Method: EPA 300.0, Rev 2.1 Pace Analytical Services - Beaver							
Sulfate	**14.8**	mg/L	5.0	1		08/20/24 12:23	14808-79-8	
BVR 351.2 Total Kjeldahl Nitro	Analytical Method: EPA 351.2, Rev 2.0 Preparation Method: EPA 351.2, Rev 2.0 Pace Analytical Services - Beaver							
Nitrogen, Kjeldahl, Total	**1.8**	mg/L	0.50	1	08/20/24 09:32	08/20/24 19:27	7727-37-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Effluent
Pace Project No.: 30709277

Sample: Effluent Composite **Lab ID: 30709277006** Collected: 08/14/24 08:00 Received: 08/14/24 23:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 4500PB Total Phosphorus	Analytical Method: SM 4500-P-E-11 Preparation Method: SM 4500-P-B-11 Pace Analytical Services - Beaver							
Phosphorus	**0.53**	mg/L	0.050	1	08/21/24 15:47	08/21/24 16:09	7723-14-0	
SM4500NO3-F, NO3-NO2	Analytical Method: SM 4500NO3-F-2016 Pace Analytical Services - Greensburg							
Nitrogen, NO2 plus NO3	**1.0**	mg/L	0.10	1		08/27/24 07:10		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690325
QC Batch Method: EPA 200.2
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277006

METHOD BLANK: 3361555 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	0.50	08/20/24 11:50	
Arsenic	ug/L	ND	2.5	08/20/24 11:50	
Beryllium	ug/L	ND	0.50	08/20/24 11:50	
Cadmium	ug/L	ND	0.50	08/20/24 11:50	
Chromium	ug/L	ND	2.5	08/20/24 11:50	
Copper	ug/L	ND	2.5	08/20/24 11:50	
Lead	ug/L	ND	0.50	08/20/24 11:50	
Nickel	ug/L	ND	2.5	08/20/24 11:50	
Selenium	ug/L	ND	2.5	08/20/24 11:50	
Silver	ug/L	ND	0.40	08/20/24 11:50	
Thallium	ug/L	ND	0.20	08/20/24 11:50	
Zinc	ug/L	ND	5.0	08/20/24 11:50	

LABORATORY CONTROL SAMPLE: 3361556

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	20	20.2	101	85-115	
Arsenic	ug/L	100	102	102	85-115	
Beryllium	ug/L	20	19.8	99	85-115	
Cadmium	ug/L	20	19.9	100	85-115	
Chromium	ug/L	100	102	102	85-115	
Copper	ug/L	100	102	102	85-115	
Lead	ug/L	20	19.7	99	85-115	
Nickel	ug/L	100	102	102	85-115	
Selenium	ug/L	100	97.9	98	85-115	
Silver	ug/L	16	16.0	100	85-115	
Thallium	ug/L	8	8.0	100	85-115	
Zinc	ug/L	200	205	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361568 3361569

Parameter	Units	30710056001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	1.2	20	20	22.0	22.2	104	105	70-130	1	20	
Arsenic	ug/L	2.5J	100	100	110	111	108	108	70-130	0	20	
Beryllium	ug/L	ND	20	20	20.2	19.7	101	98	70-130	3	20	
Cadmium	ug/L	ND	20	20	20.2	20.5	100	102	70-130	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361568 3361569

Parameter	Units	30710056001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium	ug/L	4.6J	100	100	112	113	108	108	70-130	1	20	
Copper	ug/L	300	100	100	466	399	166	99	70-130	15	20	M1
Lead	ug/L	2.8	20	20	23.3	23.4	103	103	70-130	1	20	
Nickel	ug/L	136	100	100	245	243	109	107	70-130	1	20	
Selenium	ug/L	ND	100	100	106	106	106	106	70-130	0	20	
Silver	ug/L	ND	16	16	16.0	16.2	100	101	70-130	1	20	
Thallium	ug/L	ND	8	8	8.1	8.0	101	99	70-130	1	20	
Zinc	ug/L	118	200	200	335	332	108	107	70-130	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361570 3361571

Parameter	Units	30710222001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<0.00030 mg/L	20	20	20.5	20.0	102	100	70-130	2	20	
Arsenic	ug/L	<0.0010 mg/L	100	100	106	104	106	104	70-130	2	20	
Beryllium	ug/L	<0.00012 mg/L	20	20	18.9	19.2	94	96	70-130	1	20	
Cadmium	ug/L	<0.00025 mg/L	20	20	19.8	19.3	99	97	70-130	2	20	
Chromium	ug/L	<0.00054 mg/L	100	100	105	103	105	103	70-130	2	20	
Copper	ug/L	<0.0018 mg/L	100	100	103	101	102	100	70-130	2	20	
Lead	ug/L	<0.00025 mg/L	20	20	20.2	19.7	101	98	70-130	2	20	
Nickel	ug/L	<0.00065 mg/L	100	100	105	103	104	103	70-130	1	20	
Selenium	ug/L	<0.00090 mg/L	100	100	105	103	104	103	70-130	2	20	
Silver	ug/L	<0.000077 mg/L	16	16	15.8	15.4	99	96	70-130	2	20	
Thallium	ug/L	<0.000026 mg/L	8	8	7.7	7.6	96	95	70-130	2	20	
Zinc	ug/L	<0.0040 mg/L	200	200	208	205	103	102	70-130	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690170
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: BVR 245.1 Mercury
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277006

METHOD BLANK: 3360991 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	08/19/24 14:31	

LABORATORY CONTROL SAMPLE: 3360992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360993 3360994

Parameter	Units	30709688001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.7	97	95	70-130	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360995 3360996

Parameter	Units	30709773001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	2.4	2.2	48	44	70-130	7	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690172
QC Batch Method: EPA 218.6
Analysis Method: EPA 218.6
Analysis Description: BVR Hexavalent Chromium 28 Day
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277004

METHOD BLANK: 3361000 Matrix: Water
Associated Lab Samples: 30709277004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	ug/L	ND	1.0	08/19/24 15:36	

LABORATORY CONTROL SAMPLE: 3361001

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	ug/L	10	10.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361004 3361005

Parameter	Units	30708789001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	ug/L	ND	10	10	10.9	10.1	109	101	90-110	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361006 3361007

Parameter	Units	30708334001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	ug/L	<0.48	10	10	10.7	10	107	100	90-110	7	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 689829
QC Batch Method: EPA 300.0, Rev 2.1
Analysis Method: EPA 300.0, Rev 2.1
Analysis Description: BVR 300.0 IC Anions 48 Hours
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277006

METHOD BLANK: 3359159 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Orthophosphate as P	mg/L	ND	0.10	08/16/24 21:46	

METHOD BLANK: 3361486 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Orthophosphate as P	mg/L	ND	0.10	08/16/24 22:05	

LABORATORY CONTROL SAMPLE: 3359160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Orthophosphate as P	mg/L	2	1.9	95	90-110	

LABORATORY CONTROL SAMPLE: 3361487

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Orthophosphate as P	mg/L	2	2.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359161 3359162

Parameter	Units	30709698002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Orthophosphate as P	mg/L	ND	2	2	1.7	1.7	83	84	90-110	1	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359163 3359164

Parameter	Units	30709748001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Orthophosphate as P	mg/L	<0.044	2	2	1.7	1.7	87	86	90-110	1	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
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QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690476
QC Batch Method: EPA 300.0, Rev 2.1
Analysis Method: EPA 300.0, Rev 2.1
Analysis Description: BVR 300.0 IC Anions
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277006

METHOD BLANK: 3362193 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	5.0	08/20/24 11:20	

LABORATORY CONTROL SAMPLE: 3362194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	50.8	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362195 3362196

Parameter	Units	30709170001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<1.2	50	50	51.6	53.2	101	104	90-110	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362197 3362198

Parameter	Units	30709173001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<1.2	50	50	50.0	2.3J	100	4	90-110		20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 689996
QC Batch Method: EPA 335.4, Rev 1.0
Analysis Method: EPA 335.4, Rev 1.0
Analysis Description: 335.4 BVR Cyanide, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277004

METHOD BLANK: 3359804 Matrix: Water
Associated Lab Samples: 30709277004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.020	08/19/24 16:37	

LABORATORY CONTROL SAMPLE: 3359805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.2	0.20	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359806 3359807

Parameter	Units	30709683001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	ND	0.2	0.2	0.19	0.19	96	96	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359808 3359809

Parameter	Units	30709780002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	ND	0.2	0.2	0.19	0.20	95	99	90-110	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690494
QC Batch Method: EPA 351.2, Rev 2.0
Analysis Method: EPA 351.2, Rev 2.0
Analysis Description: BVR 351.2 Total Kjeldahl Nitrogen
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277006

METHOD BLANK: 3362219 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	ND	0.50	08/20/24 16:38	

LABORATORY CONTROL SAMPLE: 3362220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 3362221

Parameter	Units	30709246001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	25.3	2	28.6	168	90-110	M1

MATRIX SPIKE SAMPLE: 3362223

Parameter	Units	30709252001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	1.5	2	3.5	101	90-110	

SAMPLE DUPLICATE: 3362222

Parameter	Units	30709246001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	25.3	27.1	7	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
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QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690448
QC Batch Method: EPA 420.1
Analysis Method: EPA 420.1
Analysis Description: BVR 420.1 Phenolics
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277004

METHOD BLANK: 3362110 Matrix: Water
Associated Lab Samples: 30709277004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phenolics, Total Recoverable	mg/L	ND	0.010	08/20/24 15:16	

LABORATORY CONTROL SAMPLE: 3362111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenolics, Total Recoverable	mg/L	0.1	0.096	96	72-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362112 3362113

Parameter	Units	30709683007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phenolics, Total Recoverable	mg/L	ND	0.1	0.1	0.097	0.090	97	90	65-123	8	22	

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QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690834
QC Batch Method: SM 4500-P-B-11
Analysis Method: SM 4500-P-E-11
Analysis Description: BVR 4500PB Total Phosphorus
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709277006

METHOD BLANK: 3363922 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus	mg/L	ND	0.050	08/21/24 16:05	

LABORATORY CONTROL SAMPLE: 3363923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus	mg/L	0.5	0.50	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3363924 3363925

Parameter	Units	30709527001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phosphorus	mg/L	0.038J	0.5	0.5	0.54	0.54	100	100	80-120	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 689646
QC Batch Method: EPA 624.1 Dec 2016
Analysis Method: EPA 624.1 Dec 2016
Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709277005

METHOD BLANK: 3357913 Matrix: Water
Associated Lab Samples: 30709277005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1,2-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
1,2-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,2-Dichloropropane	ug/L	ND	1.0	08/15/24 12:14	M5
2-Chloroethylvinyl ether	ug/L	ND	2.0	08/15/24 12:14	M5
Acrolein	ug/L	ND	10.0	08/15/24 12:14	M5
Acrylonitrile	ug/L	ND	4.0	08/15/24 12:14	M5
Benzene	ug/L	ND	1.0	08/15/24 12:14	M5
Bromochloromethane	ug/L	ND	1.0	08/15/24 12:14	M5
Bromodichloromethane	ug/L	ND	1.0	08/15/24 12:14	M5
Bromoform	ug/L	ND	4.0	08/15/24 12:14	M5
Bromomethane	ug/L	ND	10.0	08/15/24 12:14	M5
Carbon tetrachloride	ug/L	ND	1.0	08/15/24 12:14	M5
Chlorobenzene	ug/L	ND	1.0	08/15/24 12:14	M5
Chloroethane	ug/L	ND	4.0	08/15/24 12:14	M5
Chloroform	ug/L	ND	4.0	08/15/24 12:14	M5
Chloromethane	ug/L	ND	10.0	08/15/24 12:14	M5
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	M5
Dibromochloromethane	ug/L	ND	1.0	08/15/24 12:14	M5
Ethylbenzene	ug/L	ND	1.0	08/15/24 12:14	M5
Methylene Chloride	ug/L	ND	10.0	08/15/24 12:14	M5
Tetrachloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
Toluene	ug/L	ND	1.0	08/15/24 12:14	M5
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	M5
Trichloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
Vinyl chloride	ug/L	ND	1.0	08/15/24 12:14	M5
1,2-Dichloroethane-d4 (S)	%.	112	80-120	08/15/24 12:14	M5
4-Bromofluorobenzene (S)	%.	95	80-120	08/15/24 12:14	M5
Dibromofluoromethane (S)	%.	103	74-125	08/15/24 12:14	M5
Toluene-d8 (S)	%.	99	80-120	08/15/24 12:14	M5

LABORATORY CONTROL SAMPLE: 3357914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.1	95	70-130	M5

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

LABORATORY CONTROL SAMPLE: 3357914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	60-140	M5
1,1,2-Trichloroethane	ug/L	20	18.7	94	70-130	M5
1,1-Dichloroethane	ug/L	20	19.2	96	70-130	M5
1,1-Dichloroethene	ug/L	20	15.9	80	50-150	M5
1,2-Dichloroethane	ug/L	20	18.6	93	70-130	M5
1,2-Dichloropropane	ug/L	20	18.8	94	35-165	M5
2-Chloroethylvinyl ether	ug/L	20	18.8	94	10-225	M5
Acrolein	ug/L	20	21.8	109	60-140	M5
Acrylonitrile	ug/L	20	17.9	89	60-140	M5
Benzene	ug/L	20	18.5	93	65-135	M5
Bromochloromethane	ug/L	20	17.5	87	68-126	M5
Bromodichloromethane	ug/L	20	17.6	88	65-135	M5
Bromoform	ug/L	20	16.7	83	70-130	M5
Bromomethane	ug/L	20	13.5	67	15-185	M5
Carbon tetrachloride	ug/L	20	18.5	93	70-130	M5
Chlorobenzene	ug/L	20	19.5	97	65-135	M5
Chloroethane	ug/L	20	21.1	105	40-160	M5
Chloroform	ug/L	20	18.6	93	70-135	M5
Chloromethane	ug/L	20	18.3	91	10-205	M5
cis-1,3-Dichloropropene	ug/L	20	17.4	87	25-175	M5
Dibromochloromethane	ug/L	20	17.5	87	70-135	M5
Ethylbenzene	ug/L	20	19.6	98	60-140	M5
Methylene Chloride	ug/L	20	20.5	102	60-140	M5
Tetrachloroethene	ug/L	20	19.1	96	70-130	M5
Toluene	ug/L	20	19.3	97	70-130	M5
trans-1,2-Dichloroethene	ug/L	20	18.5	92	70-130	M5
trans-1,3-Dichloropropene	ug/L	20	17.6	88	50-150	M5
Trichloroethene	ug/L	20	18.8	94	65-135	M5
Vinyl chloride	ug/L	20	21.3	107	5-195	M5
1,2-Dichloroethane-d4 (S)	%.			114	80-120	M5
4-Bromofluorobenzene (S)	%.			98	80-120	M5
Dibromofluoromethane (S)	%.			100	74-125	M5
Toluene-d8 (S)	%.			101	80-120	M5

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225 Industrial Park RD
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QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 689645
QC Batch Method: EPA 624.1 Dec 2016
Analysis Method: EPA 624.1 Dec 2016
Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709277001, 30709277002, 30709277003

METHOD BLANK: 3357904 Matrix: Water
Associated Lab Samples: 30709277001, 30709277002, 30709277003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	
1,1-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
1,2-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,2-Dichloropropane	ug/L	ND	1.0	08/15/24 12:14	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
2,2-Dichloropropane	ug/L	ND	1.0	08/15/24 12:14	
2-Butanone (MEK)	ug/L	ND	10.0	08/15/24 12:14	
2-Chloroethylvinyl ether	ug/L	ND	2.0	08/15/24 12:14	
2-Hexanone	ug/L	ND	10.0	08/15/24 12:14	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	08/15/24 12:14	
Acetone	ug/L	ND	50.0	08/15/24 12:14	
Acrolein	ug/L	ND	10.0	08/15/24 12:14	
Acrylonitrile	ug/L	ND	4.0	08/15/24 12:14	
Benzene	ug/L	ND	1.0	08/15/24 12:14	
Bromochloromethane	ug/L	ND	1.0	08/15/24 12:14	
Bromodichloromethane	ug/L	ND	1.0	08/15/24 12:14	
Bromoform	ug/L	ND	4.0	08/15/24 12:14	
Bromomethane	ug/L	ND	10.0	08/15/24 12:14	
Carbon disulfide	ug/L	ND	1.0	08/15/24 12:14	
Carbon tetrachloride	ug/L	ND	1.0	08/15/24 12:14	
Chlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
Chloroethane	ug/L	ND	4.0	08/15/24 12:14	
Chloroform	ug/L	ND	4.0	08/15/24 12:14	
Chloromethane	ug/L	ND	10.0	08/15/24 12:14	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	
Dibromochloromethane	ug/L	ND	1.0	08/15/24 12:14	
Ethylbenzene	ug/L	ND	1.0	08/15/24 12:14	
m&p-Xylene	ug/L	ND	2.0	08/15/24 12:14	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/15/24 12:14	
Methylene Chloride	ug/L	ND	10.0	08/15/24 12:14	
o-Xylene	ug/L	ND	1.0	08/15/24 12:14	
Styrene	ug/L	ND	1.0	08/15/24 12:14	
Tetrachloroethene	ug/L	ND	1.0	08/15/24 12:14	

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QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

METHOD BLANK: 3357904 Matrix: Water
Associated Lab Samples: 30709277001, 30709277002, 30709277003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	1.0	08/15/24 12:14	
Total 1,3-Dichloropropene	ug/L	ND	2.0	08/15/24 12:14	N2
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	
Trichloroethene	ug/L	ND	1.0	08/15/24 12:14	
Trichlorofluoromethane	ug/L	ND	1.0	08/15/24 12:14	
Vinyl chloride	ug/L	ND	1.0	08/15/24 12:14	
Xylene (Total)	ug/L	ND	3.0	08/15/24 12:14	
1,2-Dichloroethane-d4 (S)	%.	112	80-120	08/15/24 12:14	
4-Bromofluorobenzene (S)	%.	95	80-120	08/15/24 12:14	
Dibromofluoromethane (S)	%.	103	74-125	08/15/24 12:14	
Toluene-d8 (S)	%.	99	80-120	08/15/24 12:14	
Preservation pH		2.0	2.0	08/15/24 12:14	

LABORATORY CONTROL SAMPLE: 3357905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.1	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	60-140	
1,1,2-Trichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethane	ug/L	20	19.2	96	70-130	
1,1-Dichloroethene	ug/L	20	15.9	80	50-150	
1,1-Dichloropropene	ug/L	20	19.5	97	76-121	
1,2-Dichlorobenzene	ug/L	20	19.8	99	65-135	
1,2-Dichloroethane	ug/L	20	18.6	93	70-130	
1,2-Dichloropropane	ug/L	20	18.8	94	35-165	
1,3-Dichlorobenzene	ug/L	20	19.6	98	70-130	
1,4-Dichlorobenzene	ug/L	20	19.9	100	65-135	
2,2-Dichloropropane	ug/L	20	17.9	90	52-153	
2-Butanone (MEK)	ug/L	20	19.3	96	45-144	
2-Chloroethylvinyl ether	ug/L	20	18.8	94	10-225	
2-Hexanone	ug/L	20	17.2	86	48-138	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.2	91	54-139	
Acetone	ug/L	20	21J	105	26-170	
Acrolein	ug/L	20	21.8	109	60-140	
Acrylonitrile	ug/L	20	17.9	89	60-140	
Benzene	ug/L	20	18.5	93	65-135	
Bromochloromethane	ug/L	20	17.5	87	68-126	
Bromodichloromethane	ug/L	20	17.6	88	65-135	
Bromoform	ug/L	20	16.7	83	70-130	
Bromomethane	ug/L	20	13.5	67	15-185	
Carbon disulfide	ug/L	20	14.7	73	34-163	
Carbon tetrachloride	ug/L	20	18.5	93	70-130	
Chlorobenzene	ug/L	20	19.5	97	65-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

LABORATORY CONTROL SAMPLE: 3357905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	20	21.1	105	40-160	
Chloroform	ug/L	20	18.6	93	70-135	
Chloromethane	ug/L	20	18.3	91	10-205	
cis-1,2-Dichloroethene	ug/L	20	18.8	94	71-117	
cis-1,3-Dichloropropene	ug/L	20	17.4	87	25-175	
Dibromochloromethane	ug/L	20	17.5	87	70-135	
Ethylbenzene	ug/L	20	19.6	98	60-140	
m&p-Xylene	ug/L	40	40.3	101	80-120	
Methyl-tert-butyl ether	ug/L	20	19.8	99	70-124	
Methylene Chloride	ug/L	20	20.5	102	60-140	
o-Xylene	ug/L	20	19.8	99	80-120	
Styrene	ug/L	20	19.3	97	79-120	
Tetrachloroethene	ug/L	20	19.1	96	70-130	
Toluene	ug/L	20	19.3	97	70-130	
Total 1,3-Dichloropropene	ug/L	40	35.0	87	69-125	N2
trans-1,2-Dichloroethene	ug/L	20	18.5	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.6	88	50-150	
Trichloroethene	ug/L	20	18.8	94	65-135	
Trichlorofluoromethane	ug/L	20	18.2	91	50-150	
Vinyl chloride	ug/L	20	21.3	107	5-195	
Xylene (Total)	ug/L	60	60.1	100	80-120	
1,2-Dichloroethane-d4 (S)	%.			114	80-120	
4-Bromofluorobenzene (S)	%.			98	80-120	
Dibromofluoromethane (S)	%.			100	74-125	
Toluene-d8 (S)	%.			101	80-120	
Preservation pH			2.0			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357906 3357907

Parameter	Units	30709139002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	24.3	26.5	121	133	52-162	9	36	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	25.1	27.7	125	138	46-157	10	61	
1,1,2-Trichloroethane	ug/L	ND	20	20	25.2	27.7	126	139	52-150	9	45	
1,1-Dichloroethane	ug/L	ND	20	20	25.1	27.8	125	139	59-155	10	40	
1,1-Dichloroethene	ug/L	ND	20	20	20.7	21.3	104	106	10-234	3	32	
1,1-Dichloropropene	ug/L	ND	20	20	24.5	26.4	122	132	47-131	8	30	MH
1,2-Dichlorobenzene	ug/L	ND	20	20	24.4	26.9	122	135	18-190	10	57	
1,2-Dichloroethane	ug/L	ND	20	20	25.6	27.9	128	139	49-155	9	49	
1,2-Dichloropropane	ug/L	ND	20	20	24.6	27.2	123	136	10-210	10	55	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.9	26.2	119	131	59-156	9	43	
1,4-Dichlorobenzene	ug/L	ND	20	20	24.4	26.8	122	134	18-190	9	57	
2,2-Dichloropropane	ug/L	ND	20	20	21.5	23.5	108	117	36-141	9	30	
2-Butanone (MEK)	ug/L	ND	20	20	29.0	31.3	135	146	14-172	8	30	
2-Chloroethylvinyl ether	ug/L	ND	20	20	25.0	27.3	125	136	10-305	9	71	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3357906			3357907							
Parameter	Units	30709139002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	20	20	25.5	26.3	128	132	35-135	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	27.0	28.4	135	142	36-138	5	30	MH
Acetone	ug/L	34.3J	20	20	59.3	58.7	125	122	10-175	1	30	
Acrolein	ug/L	ND	20	20	12.3	10.4	62	52	40-160	17	60	
Acrylonitrile	ug/L	ND	20	20	25.9	22.5	130	112	40-160	14	60	
Benzene	ug/L	ND	20	20	24.4	26.4	122	132	37-151	8	61	
Bromochloromethane	ug/L	ND	20	20	24.0	26.7	120	133	47-126	10	30	MH
Bromodichloromethane	ug/L	ND	20	20	24.1	25.9	121	129	35-155	7	56	
Bromoform	ug/L	ND	20	20	21.3	23.1	107	115	45-169	8	42	
Bromomethane	ug/L	ND	20	20	11.0	17.9	52	86	10-242	47	61	
Carbon disulfide	ug/L	ND	20	20	17.8	18.9	89	95	16-166	6	30	
Carbon tetrachloride	ug/L	ND	20	20	23.2	25.5	116	128	70-140	10	41	
Chlorobenzene	ug/L	ND	20	20	25.2	27.0	126	135	37-160	7	53	
Chloroethane	ug/L	ND	20	20	30.1	35.1	150	176	14-230	15	78	
Chloroform	ug/L	ND	20	20	25.3	27.8	125	138	51-138	10	54	
Chloromethane	ug/L	ND	20	20	24.3	27.0	120	134	10-273	11	60	
cis-1,2-Dichloroethene	ug/L	ND	20	20	25.0	27.6	125	138	42-125	10	30	MH
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.2	25.4	116	127	10-227	9	58	
Dibromochloromethane	ug/L	ND	20	20	23.1	24.9	116	125	53-149	8	50	
Ethylbenzene	ug/L	ND	20	20	24.7	27.0	124	135	37-162	9	63	
m&p-Xylene	ug/L	ND	40	40	50.7	54.8	126	137	51-128	8	30	MH
Methyl-tert-butyl ether	ug/L	ND	20	20	27.3	29.8	136	149	39-132	9	30	MH
Methylene Chloride	ug/L	ND	20	20	27.2	28.6	136	143	10-221	5	28	
o-Xylene	ug/L	ND	20	20	25.0	27.5	124	137	51-128	10	30	MH
Styrene	ug/L	ND	20	20	24.9	27.1	125	136	10-155	8	30	
Tetrachloroethene	ug/L	ND	20	20	21.8	24.2	109	121	64-148	10	39	
Toluene	ug/L	ND	20	20	24.7	26.8	124	134	47-150	8	41	
Total 1,3-Dichloropropene	ug/L	ND	40	40	46.8	50.9	117	127	49-120	8	30	N2
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.3	25.4	106	127	54-156	18	45	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.6	25.5	118	127	17-183	8	86	
Trichloroethene	ug/L	ND	20	20	24.9	27.0	124	135	70-157	8	48	
Trichlorofluoromethane	ug/L	ND	20	20	19.7	22.3	98	112	17-181	13	84	
Vinyl chloride	ug/L	ND	20	20	27.8	31.4	139	157	10-251	12	66	
Xylene (Total)	ug/L	ND	60	60	75.7	82.4	126	137	51-128	8	30	
1,2-Dichloroethane-d4 (S)	%.						116	98	80-120			
4-Bromofluorobenzene (S)	%.						94	94	80-120			
Dibromofluoromethane (S)	%.						97	97	74-125			
Toluene-d8 (S)	%.						100	99	80-120			
Preservation pH		2.0			2.0	2.0				0		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690466
QC Batch Method: EPA 608.3 Dec 2016
Analysis Method: EPA 608.3 Dec 2016
Analysis Description: 6083 GCS PCB RV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709277001, 30709277002, 30709277003

METHOD BLANK: 3362158 Matrix: Water
Associated Lab Samples: 30709277001, 30709277002, 30709277003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.25	08/20/24 21:21	
Decachlorobiphenyl (S)	%.	42	12-117	08/20/24 21:21	
Tetrachloro-m-xylene (S)	%.	58	10-141	08/20/24 21:21	

LABORATORY CONTROL SAMPLE: 3362159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	2.5	2.0	80	61-103	
PCB-1260 (Aroclor 1260)	ug/L	2.5	2.1	85	37-130	
Decachlorobiphenyl (S)	%.			39	12-117	
Tetrachloro-m-xylene (S)	%.			75	10-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362160 3362161

Parameter	Units	30708393001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	2.5	2.5	1.2	1.2	49	49	50-140	1	36	ML
PCB-1260 (Aroclor 1260)	ug/L	ND	2.5	2.5	1.1	1.1	44	44	8-140	2	38	
Decachlorobiphenyl (S)	%.						39	39	12-117			
Tetrachloro-m-xylene (S)	%.						38	40	10-141			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 690464
QC Batch Method: EPA 608.3 Dec 2016
Analysis Method: EPA 608.3 Dec 2016
Analysis Description: 608.3 GCS Pesticide RV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709277001, 30709277002, 30709277003

METHOD BLANK: 3362153 Matrix: Water
Associated Lab Samples: 30709277001, 30709277002, 30709277003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	08/21/24 10:31	
4,4'-DDE	ug/L	ND	0.050	08/21/24 10:31	
4,4'-DDT	ug/L	ND	0.050	08/21/24 10:31	
Aldrin	ug/L	ND	0.025	08/21/24 10:31	
alpha-BHC	ug/L	ND	0.025	08/21/24 10:31	
beta-BHC	ug/L	ND	0.025	08/21/24 10:31	
Chlordane (Technical)	ug/L	ND	0.25	08/21/24 10:31	
delta-BHC	ug/L	ND	0.025	08/21/24 10:31	
Dieldrin	ug/L	ND	0.050	08/21/24 10:31	
Endosulfan I	ug/L	ND	0.025	08/21/24 10:31	
Endosulfan II	ug/L	ND	0.050	08/21/24 10:31	
Endosulfan sulfate	ug/L	ND	0.050	08/21/24 10:31	
Endrin	ug/L	ND	0.050	08/21/24 10:31	
Endrin aldehyde	ug/L	ND	0.050	08/21/24 10:31	
gamma-BHC (Lindane)	ug/L	ND	0.025	08/21/24 10:31	
Heptachlor	ug/L	ND	0.025	08/21/24 10:31	
Heptachlor epoxide	ug/L	ND	0.025	08/21/24 10:31	
Toxaphene	ug/L	ND	0.50	08/21/24 10:31	
Decachlorobiphenyl (S)	%.	51	10-114	08/21/24 10:31	
Tetrachloro-m-xylene (S)	%.	56	10-103	08/21/24 10:31	

LABORATORY CONTROL SAMPLE: 3362154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	0.4	0.36	89	48-130	
4,4'-DDE	ug/L	0.4	0.35	88	54-130	
4,4'-DDT	ug/L	0.4	0.37	93	46-137	
Aldrin	ug/L	0.2	0.17	86	54-130	
alpha-BHC	ug/L	0.2	0.17	87	49-130	
beta-BHC	ug/L	0.2	0.17	84	39-130	
delta-BHC	ug/L	0.2	0.18	89	51-130	
Dieldrin	ug/L	0.4	0.36	91	58-130	
Endosulfan I	ug/L	0.2	0.18	88	57-141	
Endosulfan II	ug/L	0.4	0.36	89	22-171	
Endosulfan sulfate	ug/L	0.4	0.38	95	38-132	
Endrin	ug/L	0.4	0.36	90	51-130	
Endrin aldehyde	ug/L	0.4	0.35	87	53-92	
gamma-BHC (Lindane)	ug/L	0.2	0.18	90	43-130	
Heptachlor	ug/L	0.2	0.17	86	43-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

LABORATORY CONTROL SAMPLE: 3362154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Heptachlor epoxide	ug/L	0.2	0.17	86	57-132	
Decachlorobiphenyl (S)	%.			45	10-114	
Tetrachloro-m-xylene (S)	%.			74	10-103	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362155 3362156

Parameter	Units	30709277002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	ug/L	ND	0.4	0.39	0.47	0.46	117	117	31-141	3	39	
4,4'-DDE	ug/L	ND	0.4	0.39	0.34	0.32	85	83	30-145	6	35	
4,4'-DDT	ug/L	ND	0.4	0.39	0.39	0.37	96	94	25-160	5	42	
Aldrin	ug/L	ND	0.2	0.2	0.20	0.19	91	87	42-140	7	35	
alpha-BHC	ug/L	ND	0.2	0.2	0.18	0.17	90	89	37-140	4	36	
beta-BHC	ug/L	0.035	0.2	0.2	0.23	0.23	97	97	17-147	2	44	
delta-BHC	ug/L	ND	0.2	0.2	0.22	0.20	107	103	19-140	6	52	
Dieldrin	ug/L	ND	0.4	0.39	0.38	0.36	94	93	36-146	5	49	
Endosulfan I	ug/L	ND	0.2	0.2	0.18	0.17	80	77	45-153	6	28	
Endosulfan II	ug/L	ND	0.4	0.39	0.37	0.35	93	90	10-202	6	53	
Endosulfan sulfate	ug/L	ND	0.4	0.39	0.40	0.38	98	96	26-144	5	38	
Endrin	ug/L	ND	0.4	0.39	0.42	0.41	104	103	30-147	4	48	
Endrin aldehyde	ug/L	ND	0.4	0.39	0.36	0.35	90	88	10-110	5	25	
gamma-BHC (Lindane)	ug/L	ND	0.2	0.2	0.23	0.21	112	108	32-140	7	39	
Heptachlor	ug/L	ND	0.2	0.2	0.23	0.21	110	107	34-140	6	43	
Heptachlor epoxide	ug/L	ND	0.2	0.2	0.17	0.16	84	82	37-142	6	26	
Decachlorobiphenyl (S)	%.						73	72	10-114			
Tetrachloro-m-xylene (S)	%.						76	73	10-103			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 689549
QC Batch Method: EPA 625.1 Dec 2016
Analysis Method: EPA 625.1 Dec 2016
Analysis Description: 625.1 MSSV RV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709277001, 30709277002, 30709277003

METHOD BLANK: 3357601 Matrix: Water
Associated Lab Samples: 30709277001, 30709277002, 30709277003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
1,2-Diphenylhydrazine	ug/L	ND	1.0	08/16/24 09:48	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
2,4,5-Trichlorophenol	ug/L	ND	2.5	08/16/24 09:48	
2,4,6-Trichlorophenol	ug/L	ND	1.0	08/16/24 09:48	
2,4-Dichlorophenol	ug/L	ND	1.0	08/16/24 09:48	
2,4-Dimethylphenol	ug/L	ND	1.0	08/16/24 09:48	
2,4-Dinitrophenol	ug/L	ND	2.5	08/16/24 09:48	
2,4-Dinitrotoluene	ug/L	ND	1.0	08/16/24 09:48	
2,6-Dinitrotoluene	ug/L	ND	1.0	08/16/24 09:48	
2-Chloronaphthalene	ug/L	ND	1.0	08/16/24 09:48	
2-Chlorophenol	ug/L	ND	1.0	08/16/24 09:48	
2-Methylnaphthalene	ug/L	ND	1.0	08/16/24 09:48	
2-Nitroaniline	ug/L	ND	2.5	08/16/24 09:48	
2-Nitrophenol	ug/L	ND	1.0	08/16/24 09:48	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	2.0	08/16/24 09:48	
3,3'-Dichlorobenzidine	ug/L	ND	1.0	08/16/24 09:48	
4,6-Dinitro-2-methylphenol	ug/L	ND	2.5	08/16/24 09:48	
4-Bromophenylphenyl ether	ug/L	ND	1.0	08/16/24 09:48	
4-Chloro-3-methylphenol	ug/L	ND	1.0	08/16/24 09:48	
4-Chloroaniline	ug/L	ND	1.0	08/16/24 09:48	
4-Chlorophenylphenyl ether	ug/L	ND	1.0	08/16/24 09:48	
4-Nitroaniline	ug/L	ND	2.5	08/16/24 09:48	
4-Nitrophenol	ug/L	ND	1.0	08/16/24 09:48	
Acenaphthene	ug/L	ND	1.0	08/16/24 09:48	
Acenaphthylene	ug/L	ND	1.0	08/16/24 09:48	
Anthracene	ug/L	ND	1.0	08/16/24 09:48	
Benzidine	ug/L	ND	15.0	08/16/24 09:48	
Benzo(a)anthracene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(a)pyrene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(b)fluoranthene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(g,h,i)perylene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(k)fluoranthene	ug/L	ND	1.0	08/16/24 09:48	
Benzoic acid	ug/L	ND	15.0	08/16/24 09:48	
bis(2-Chloroethoxy)methane	ug/L	ND	1.0	08/16/24 09:48	
bis(2-Chloroethyl) ether	ug/L	ND	1.0	08/16/24 09:48	
bis(2-Ethylhexyl)phthalate	ug/L	ND	2.5	08/16/24 09:48	
Butylbenzylphthalate	ug/L	ND	2.5	08/16/24 09:48	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

METHOD BLANK: 3357601 Matrix: Water
Associated Lab Samples: 30709277001, 30709277002, 30709277003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	ND	1.0	08/16/24 09:48	
Di-n-butylphthalate	ug/L	ND	1.0	08/16/24 09:48	
Di-n-octylphthalate	ug/L	ND	2.5	08/16/24 09:48	
Dibenz(a,h)anthracene	ug/L	ND	1.0	08/16/24 09:48	
Dibenzofuran	ug/L	ND	1.0	08/16/24 09:48	
Diethylphthalate	ug/L	ND	1.0	08/16/24 09:48	
Dimethylphthalate	ug/L	ND	1.0	08/16/24 09:48	
Fluoranthene	ug/L	ND	1.0	08/16/24 09:48	
Fluorene	ug/L	ND	1.0	08/16/24 09:48	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/16/24 09:48	
Hexachlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
Hexachlorocyclopentadiene	ug/L	ND	1.0	08/16/24 09:48	
Hexachloroethane	ug/L	ND	1.0	08/16/24 09:48	
Indeno(1,2,3-cd)pyrene	ug/L	ND	1.0	08/16/24 09:48	
Isophorone	ug/L	ND	1.0	08/16/24 09:48	
N-Nitroso-di-n-propylamine	ug/L	ND	1.0	08/16/24 09:48	
N-Nitrosodiphenylamine	ug/L	ND	1.0	08/16/24 09:48	
Naphthalene	ug/L	2.7	2.5	08/16/24 09:48	B
Nitrobenzene	ug/L	ND	1.0	08/16/24 09:48	
Pentachlorophenol	ug/L	ND	2.5	08/16/24 09:48	
Phenanthrene	ug/L	ND	1.0	08/16/24 09:48	
Phenol	ug/L	ND	1.0	08/16/24 09:48	
Pyrene	ug/L	ND	1.0	08/16/24 09:48	
2,4,6-Tribromophenol (S)	%.	83	16-155	08/16/24 09:48	
2-Fluorobiphenyl (S)	%.	96	39-116	08/16/24 09:48	
2-Fluorophenol (S)	%.	49	10-85	08/16/24 09:48	
Nitrobenzene-d5 (S)	%.	88	25-154	08/16/24 09:48	
Phenol-d6 (S)	%.	31	10-73	08/16/24 09:48	
Terphenyl-d14 (S)	%.	102	10-173	08/16/24 09:48	

LABORATORY CONTROL SAMPLE: 3357602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	10	9.2	92	57-130	
1,2-Dichlorobenzene	ug/L	10	9.3	93	49-112	
1,2-Diphenylhydrazine	ug/L	10	10.1	101	54-130	
1,3-Dichlorobenzene	ug/L	10	9.0	90	17-154	
1,4-Dichlorobenzene	ug/L	10	9.3	93	37-106	
2,4,5-Trichlorophenol	ug/L	10	9.6	96	42-143	
2,4,6-Trichlorophenol	ug/L	10	10.6	106	52-129	
2,4-Dichlorophenol	ug/L	10	10.2	102	53-122	
2,4-Dimethylphenol	ug/L	10	10.5	105	42-120	
2,4-Dinitrophenol	ug/L	10	11.7	117	10-173	
2,4-Dinitrotoluene	ug/L	10	10.3	103	48-127	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

LABORATORY CONTROL SAMPLE: 3357602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	10	10.8	108	68-137	
2-Chloronaphthalene	ug/L	10	9.4	94	65-120	
2-Chlorophenol	ug/L	10	9.0	90	36-120	
2-Methylnaphthalene	ug/L	10	9.4	94	36-110	
2-Nitroaniline	ug/L	10	10.5	105	46-148	
2-Nitrophenol	ug/L	10	10.1	101	45-167	
3&4-Methylphenol(m&p Cresol)	ug/L	20	13.9	70	33-101	
3,3'-Dichlorobenzidine	ug/L	10	10.6	106	8-213	
4,6-Dinitro-2-methylphenol	ug/L	10	11.3	113	53-130	
4-Bromophenylphenyl ether	ug/L	10	10	100	65-120	
4-Chloro-3-methylphenol	ug/L	10	10.2	102	41-128	
4-Chloroaniline	ug/L	10	7.1	71	21-110	
4-Chlorophenylphenyl ether	ug/L	10	9.8	98	38-145	
4-Nitroaniline	ug/L	10	11.0	110	53-146	
4-Nitrophenol	ug/L	10	5.6	56	13-129	
Acenaphthene	ug/L	10	9.1	91	60-132	
Acenaphthylene	ug/L	10	10.3	103	54-126	
Anthracene	ug/L	10	10.5	105	43-120	
Benzidine	ug/L	10	ND	0	5-20	L2
Benzo(a)anthracene	ug/L	10	11.7	117	42-133	
Benzo(a)pyrene	ug/L	10	11.3	113	32-148	
Benzo(b)fluoranthene	ug/L	10	11.1	111	42-140	
Benzo(g,h,i)perylene	ug/L	10	10.3	103	10-195	
Benzo(k)fluoranthene	ug/L	10	10	100	25-146	
Benzoic acid	ug/L	10	5.6J	56	10-91	
bis(2-Chloroethoxy)methane	ug/L	10	9.7	97	49-165	
bis(2-Chloroethyl) ether	ug/L	10	9.4	94	43-126	
bis(2-Ethylhexyl)phthalate	ug/L	10	13.3	133	29-137	
Butylbenzylphthalate	ug/L	10	14.2	142	10-140	L1
Chrysene	ug/L	10	10.0	100	44-140	
Di-n-butylphthalate	ug/L	10	12.0	120	8-120	
Di-n-octylphthalate	ug/L	10	12.0	120	19-132	
Dibenz(a,h)anthracene	ug/L	10	10	100	10-200	
Dibenzofuran	ug/L	10	9.5	95	47-117	
Diethylphthalate	ug/L	10	10.6	106	10-120	
Dimethylphthalate	ug/L	10	10	100	10-120	
Fluoranthene	ug/L	10	11.0	110	43-121	
Fluorene	ug/L	10	9.7	97	70-120	
Hexachloro-1,3-butadiene	ug/L	10	9.2	92	38-120	
Hexachlorobenzene	ug/L	10	10	100	8-142	
Hexachlorocyclopentadiene	ug/L	10	11.0	110	34-152	
Hexachloroethane	ug/L	10	8.1	81	55-120	
Indeno(1,2,3-cd)pyrene	ug/L	10	10.9	109	10-151	
Isophorone	ug/L	10	10	100	47-180	
N-Nitroso-di-n-propylamine	ug/L	10	10.2	102	14-198	
N-Nitrosodiphenylamine	ug/L	10	10.0	100	46-132	
Naphthalene	ug/L	10	9.4	94	36-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

LABORATORY CONTROL SAMPLE: 3357602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene	ug/L	10	9.4	94	54-158	
Pentachlorophenol	ug/L	10	12.2	122	38-152	
Phenanthrene	ug/L	10	9.9	99	65-120	
Phenol	ug/L	10	3.1	31	17-120	
Pyrene	ug/L	10	10.5	105	70-120	
2,4,6-Tribromophenol (S)	%.			101	16-155	
2-Fluorobiphenyl (S)	%.			89	39-116	
2-Fluorophenol (S)	%.			46	10-85	
Nitrobenzene-d5 (S)	%.			92	25-154	
Phenol-d6 (S)	%.			30	10-73	
Terphenyl-d14 (S)	%.			100	10-173	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357603 3357604

Parameter	Units	30709280001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/L	ND	9.7	9.9	ND	6.3J	39	64	28-101		50	
1,2-Dichlorobenzene	ug/L	ND	9.7	9.9	ND	ND	36	56	23-107		25	
1,2-Diphenylhydrazine	ug/L	ND	9.7	9.9	ND	8.2J	40	83	31-143		25	
1,3-Dichlorobenzene	ug/L	ND	9.7	9.9	ND	5.8J	35	59	24-101		25	
1,4-Dichlorobenzene	ug/L	ND	9.7	9.9	ND	5.7J	32	52	22-104		25	
2,4,5-Trichlorophenol	ug/L	ND	9.7	9.9	ND	ND	49	92	22-169		25	
2,4,6-Trichlorophenol	ug/L	ND	9.7	9.9	ND	7.9J	50	79	37-144		58	
2,4-Dichlorophenol	ug/L	ND	9.7	9.9	ND	6.5J	34	65	39-135		50	ML
2,4-Dimethylphenol	ug/L	ND	9.7	9.9	ND	6.9J	36	66	32-120		58	
2,4-Dinitrophenol	ug/L	ND	9.7	9.9	ND	ND	50	110	10-191		132	
2,4-Dinitrotoluene	ug/L	ND	9.7	9.9	ND	8.1J	39	82	39-139		42	
2,6-Dinitrotoluene	ug/L	ND	9.7	9.9	ND	9.3J	40	94	50-158		48	ML
2-Chloronaphthalene	ug/L	ND	9.7	9.9	ND	7.5J	0	76	60-120		24	ML
2-Chlorophenol	ug/L	ND	9.7	9.9	ND	ND	29	47	23-134		61	
2-Methylnaphthalene	ug/L	ND	9.7	9.9	ND	6.6J	39	66	12-115		25	
2-Nitroaniline	ug/L	ND	9.7	9.9	ND	ND	56	101	10-175		25	
2-Nitrophenol	ug/L	ND	9.7	9.9	ND	ND	34	53	29-182		55	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	19.4	19.8	ND	ND	21	45	10-164		25	
3,3'-Dichlorobenzidine	ug/L	ND	9.7	9.9	ND	ND	19	26	10-262		108	
4,6-Dinitro-2-methylphenol	ug/L	ND	9.7	9.9	ND	ND	130	167	10-181		203	
4-Bromophenylphenyl ether	ug/L	ND	9.7	9.9	ND	9.5J	49	96	53-127		43	ML
4-Chloro-3-methylphenol	ug/L	ND	9.7	9.9	ND	8.3J	49	84	22-147		73	
4-Chloroaniline	ug/L	ND	9.7	9.9	ND	6.8J	26	69	10-129		25	
4-Chlorophenylphenyl ether	ug/L	ND	9.7	9.9	ND	7.9J	41	80	25-158		61	
4-Nitroaniline	ug/L	ND	9.7	9.9	ND	ND	50	82	10-175		25	
4-Nitrophenol	ug/L	ND	9.7	9.9	ND	7.3J	20	62	10-132		131	
Acenaphthene	ug/L	ND	9.7	9.9	ND	7.6J	41	76	47-145		48	ML
Acenaphthylene	ug/L	ND	9.7	9.9	ND	8.4J	42	85	33-145		74	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357603 3357604

Parameter	Units	30709280001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Anthracene	ug/L	ND	9.7	9.9	ND	9.5J	50	96	27-133		66	
Benzidine	ug/L	ND	9.7	9.9	ND	ND	0	0	10-120		25	ML
Benzo(a)anthracene	ug/L	ND	9.7	9.9	ND	11.2	63	114	33-143		53	
Benzo(a)pyrene	ug/L	ND	9.7	9.9	ND	10.0	58	101	17-163		72	
Benzo(b)fluoranthene	ug/L	ND	9.7	9.9	ND	9.1J	60	91	24-159		71	
Benzo(g,h,i)perylene	ug/L	ND	9.7	9.9	ND	8.8J	54	89	10-219		97	
Benzo(k)fluoranthene	ug/L	ND	9.7	9.9	ND	8.9J	49	90	11-162		63	
Benzoic acid	ug/L	ND	9.7	9.9	ND	ND	29	50	10-175		25	
bis(2-Chloroethoxy)methane	ug/L	ND	9.7	9.9	ND	7.1J	40	71	33-184		54	
bis(2-Chloroethyl) ether	ug/L	ND	9.7	9.9	ND	6.6J	39	67	12-158		108	
bis(2-Ethylhexyl)phthalate	ug/L	ND	9.7	9.9	ND	14.6J	71	131	8-158		82	
Butylbenzylphthalate	ug/L	ND	9.7	9.9	8.3J	15.3J	78	147	10-152		60	
Chrysene	ug/L	ND	9.7	9.9	ND	9.6J	54	97	17-168		87	
Di-n-butylphthalate	ug/L	ND	9.7	9.9	ND	12.2	67	116	1-120		47	
Di-n-octylphthalate	ug/L	ND	9.7	9.9	10.9J	17.2J	56	118	4-146		69	
Dibenz(a,h)anthracene	ug/L	ND	9.7	9.9	ND	8.8J	47	89	10-227		126	
Dibenzofuran	ug/L	ND	9.7	9.9	ND	8.3J	42	83	33-123		25	
Diethylphthalate	ug/L	ND	9.7	9.9	ND	10.5	48	99	10-120		100	
Dimethylphthalate	ug/L	ND	9.7	9.9	ND	8.9J	43	90	10-120		183	
Fluoranthene	ug/L	ND	9.7	9.9	ND	10.3	58	104	26-137		66	
Fluorene	ug/L	ND	9.7	9.9	ND	8.5J	44	86	59-121		38	ML
Hexachloro-1,3-butadiene	ug/L	ND	9.7	9.9	ND	6J	31	61	24-120		62	
Hexachlorobenzene	ug/L	ND	9.7	9.9	ND	9.2J	45	93	10-152		55	
Hexachlorocyclopentadiene	ug/L	ND	9.7	9.9	ND	ND	29	51	10-149		25	
Hexachloroethane	ug/L	ND	9.7	9.9	ND	ND	26	55	40-120		52	ML
Indeno(1,2,3-cd)pyrene	ug/L	ND	9.7	9.9	ND	7.8J	55	78	10-171		99	
Isophorone	ug/L	ND	9.7	9.9	ND	7.2J	44	73	21-196		93	
N-Nitroso-di-n-propylamine	ug/L	ND	9.7	9.9	ND	8.3J	58	84	10-230		87	
N-Nitrosodiphenylamine	ug/L	ND	9.7	9.9	ND	9.6J	54	97	10-165		25	
Naphthalene	ug/L	ND	9.7	9.9	ND	6.7J	40	68	21-133		65	
Nitrobenzene	ug/L	ND	9.7	9.9	ND	7.3J	49	74	35-180		62	
Pentachlorophenol	ug/L	ND	9.7	9.9	ND	ND	55	104	14-176		86	
Phenanthrene	ug/L	ND	9.7	9.9	ND	9.5J	49	95	54-120		39	ML
Phenol	ug/L	ND	9.7	9.9	ND	ND	10	17	5-120		64	
Pyrene	ug/L	ND	9.7	9.9	ND	10.7	61	107	52-120		49	
2,4,6-Tribromophenol (S)	%.						44	80	16-155			
2-Fluorobiphenyl (S)	%.						40	70	39-116			
2-Fluorophenol (S)	%.						17	23	10-85			
Nitrobenzene-d5 (S)	%.						49	78	25-154			
Phenol-d6 (S)	%.						11	22	10-73			
Terphenyl-d14 (S)	%.						61	97	10-173			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Effluent
Pace Project No.: 30709277

QC Batch: 691890
QC Batch Method: SM 4500NO3-F-2016
Analysis Method: SM 4500NO3-F-2016
Analysis Description: SM4500NO3-F, Nitrate, Preserved
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709277006

METHOD BLANK: 3369135 Matrix: Water
Associated Lab Samples: 30709277006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.10	08/27/24 07:06	

LABORATORY CONTROL SAMPLE: 3369136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	4	4.3	107	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3369137 3369138

Parameter	Units	30710974002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	3.5	5	5	8.9	8.9	108	108	85-115	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALIFIERS

Project: Annual Effluent
Pace Project No.: 30709277

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 3357906

[1] The pH of the VOA vial used for analysis was 7 for 624.

Sample: 3357907

[1] The pH of the VOA vial used for analysis was 7 for 624.

BATCH QUALIFIERS

Batch: 689646

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
C2	Relative percent difference between results from each column was greater than 40%. The lower of the two results was reported.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALIFIERS

Project: Annual Effluent
Pace Project No.: 30709277

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M5	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Annual Effluent
Pace Project No.: 30709277

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30709277006	**Effluent Composite**	EPA 200.2	690512	EPA 200.7	690640
30709277006	**Effluent Composite**	EPA 200.2	690325	EPA 200.8	690523
30709277006	**Effluent Composite**	EPA 245.1	690170	EPA 245.1	690337
30709277004	**Effluent Grab**	EPA 218.6	690172		
30709277006	**Effluent Composite**	EPA 300.0, Rev 2.1	689829		
30709277006	**Effluent Composite**	EPA 300.0, Rev 2.1	690476		
30709277004	**Effluent Grab**	EPA 335.4, Rev 1.0	689996	EPA 335.4, Rev 1.0	690401
30709277006	**Effluent Composite**	EPA 351.2, Rev 2.0	690494	EPA 351.2, Rev 2.0	690727
30709277004	**Effluent Grab**	EPA 420.1	690448	EPA 420.1	690651
30709277006	**Effluent Composite**	SM 4500-P-B-11	690834	SM 4500-P-E-11	691005
30709277001	**Effluent Grab #1**	EPA 608.3 Dec 2016	690466	EPA 608.3 Dec 2016	690703
30709277002	**Effluent Grab #2**	EPA 608.3 Dec 2016	690466	EPA 608.3 Dec 2016	690703
30709277003	**Effluent Grab #3**	EPA 608.3 Dec 2016	690466	EPA 608.3 Dec 2016	690703
30709277001	**Effluent Grab #1**	EPA 608.3 Dec 2016	690464	EPA 608.3 Dec 2016	690702
30709277002	**Effluent Grab #2**	EPA 608.3 Dec 2016	690464	EPA 608.3 Dec 2016	690702
30709277003	**Effluent Grab #3**	EPA 608.3 Dec 2016	690464	EPA 608.3 Dec 2016	690702
30709277001	**Effluent Grab #1**	EPA 625.1 Dec 2016	689549	EPA 625.1 Dec 2016	689757
30709277002	**Effluent Grab #2**	EPA 625.1 Dec 2016	689549	EPA 625.1 Dec 2016	689757
30709277003	**Effluent Grab #3**	EPA 625.1 Dec 2016	689549	EPA 625.1 Dec 2016	689757
30709277005	**Trip Blank**	EPA 624.1 Dec 2016	689646		
30709277001	**Effluent Grab #1**	EPA 624.1 Dec 2016	689645		
30709277002	**Effluent Grab #2**	EPA 624.1 Dec 2016	689645		
30709277003	**Effluent Grab #3**	EPA 624.1 Dec 2016	689645		
30709277006	**Effluent Composite**	SM 4500NO3-F-2016	691890		
30709277001	**Effluent Grab #1**	Field Data			
30709277002	**Effluent Grab #2**	Field Data			
30709277003	**Effluent Grab #3**	Field Data			

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/ MT

WO# : 30709277

30709277

ALL SHADED A

Company: Town of Amherst	Billing Information:
Address: 448 Industrial Drive. Amherst, Va 24521	
Report To: Mr. Gary Williams	Email To:
Copy To:	Site Collection Info/Address: WWTP Effluent
Customer Project Name/Number: Annual Effluent 2024	State: VA / County/City: Amherst / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): TRAVIS LIVEDERRY	Purchase Order # : / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [X] Yes [ ] No / Analysis: Cr6 & Ortho P

Container Preservative Type *

3/U	U	O	4	2	1	1	2	U	U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other : Cr6 Buffer

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TTO-624	TTO-608.625	Cr6	Cyanide	Phenolics	200.8 TR Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn, Mercury	Hardness	TKN, NH3, NO2/NO3, Phosphorus	Sulfate	Orthophosphate (Field Filtered)
Effluent Grab #1	WW	Grab	8.13.24	0907				10	X	X								
Effluent Grab #2	WW	Grab	8.13.24	1648				10	X	X								
Effluent Grab #3	WW	Grab	8.14.24	0048				10	X	X								
Effluent Grab	WW	Grab	8.13.24	0907				3			X	X	X					
Trip Blank								2	X									
Effluent Composite	WW	Comp	8.13.24	0800	8.14.24	0800		4						X	X	X	X	X
Preservation Check																		

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y (N) NA
Custody Signatures Present (Y) N NA
Collector Signature Present (Y) N NA
Bottles Intact (Y) N NA
Correct Bottles (Y) N NA
Sufficient Volume (Y) N NA
Samples Received on Ice (Y) N NA
VOA - Headspace Acceptable (Y) N NA
USDA Regulated Soils Y N (NA)
Samples in Holding Time (Y) N NA
Residual Chlorine Present Y (N) NA
Cl Strips: 240434
Sample pH Acceptable (Y) N NA
pH Strips: 10025.31
Sulfide Present Y N (NA)
Lead Acetate Strips:

LAB USE ONLY:
Lab Sample # / Comments:

JS 8/14/24

(Shipped to PBL from LSC ANC 8/14/24)

N/A ANC 8/14/24

X LSC Field Sampling Fee

pH	Temp °C
0907	7.34 23.0
1644	7.53 25.2
0048	7.35 26.2

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Ice

Radchem sample(s) screened (<500 cpm): (Y) N NA

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier (Pace Courier)

LAB Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 16
Cooler 1 Temp Upon Receipt: 4.6 oC
Cooler 1 Therm Corr. Factor: -0.2
Cooler 1 Corrected Temp: 3.4 oC
Comments:

JS 8/14/24

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
8.14.24	1600		1600
Relinquished by/Company: (Signature) 8.14.24	Date/Time: 1813	Received by/Company: (Signature)	Date/Time: 8/14/24 2300
Relinquished by/Company: (Signature)	Date/Time: 8/15/24 1200	Received by/Company: (Signature) Nicely's Del. Service	Date/Time: 8/15/24 2500

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCl) MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 3

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Contact/Report To:
Street Address:	Phone #:
	E-Mail:
	Cc E-Mail:
Customer Project #:	Invoice to:
Project Name:	Invoice E-mail:
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET	County / State origin of sample(s):
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other _____	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units

Specify Container Size **	Identify Container Preservative Type***	Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Sample Comment

Preservation non-conformance identified for sample.

Received by Pace Beaver
Therm ID 24 Corr Factor +/- 0
Receipt Temp .3
Corrected Temp .3
Correct Preservation Y / N

Additional Instructions from Pace® :

Collected By:
Printed Name
Signature

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Nicely's Del. Service 8-16-24	0325	8-16-24	0730	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

September 03, 2024

Mr. Gary Williams
TOWN OF AMHERST
PO BOX 280
Amherst, VA 24521

RE: Project: Annual Influent 2024
Pace Project No.: 30709280

Dear Mr. Williams:

Enclosed are the analytical results for sample(s) received by the laboratory on August 14, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Beaver
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heather Godbey

Heather M. Godbey
heather.godbey@pacelabs.com
(800)999-0105
Project Manager

Enclosures

cc: Mr. Fred Adams, TOWN OF AMHERST
JONATHAN BROWN
Ms. Becky Cash, TOWN OF AMHERST
ROBERT MEYERS
Mr. Gary Smith, TOWN OF AMHERST

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

CERTIFICATIONS

Project: Annual Influent 2024
Pace Project No.: 30709280

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Beaver

225 Industrial Park Road, Beaver, WV 25813
Virginia VELAP 460148
West Virginia DEP 060
West Virginia DHHR 00412CM
North Carolina DEQ 466
Kentucky Wastewater Certification KY90039
Pennsylvania DEP 68-00839

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

SAMPLE SUMMARY

Project: Annual Influent 2024
Pace Project No.: 30709280

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30709280001	**Influent Grab #1**	Water	08/13/24 08:48	08/14/24 23:00
30709280002	**Influent Grab #2**	Water	08/13/24 17:09	08/14/24 23:00
30709280003	**Influent Grab #3**	Water	08/14/24 01:09	08/14/24 23:00
30709280004	**Influent Grab**	Water	08/13/24 08:48	08/14/24 23:00
30709280005	**Influent Composite**	Water	08/14/24 08:00	08/14/24 23:00
30709280006	**Trip Blank**	Water	08/14/24 00:00	08/14/24 23:00

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

SAMPLE ANALYTE COUNT

Project: Annual Influent 2024
Pace Project No.: 30709280

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30709280001	**Influent Grab #1**	EPA 608.3 Dec 2016	BNL	9	PASI-PA
		EPA 608.3 Dec 2016	CTS	20	PASI-PA
		EPA 625.1 Dec 2016	EAC	69	PASI-PA
		EPA 624.1 Dec 2016	AJC	53	PASI-PA
30709280002	**Influent Grab #2**	EPA 608.3 Dec 2016	BNL	9	PASI-PA
		EPA 608.3 Dec 2016	CTS	20	PASI-PA
		EPA 625.1 Dec 2016	EAC	69	PASI-PA
		EPA 624.1 Dec 2016	AJC	53	PASI-PA
30709280003	**Influent Grab #3**	EPA 608.3 Dec 2016	BNL	9	PASI-PA
		EPA 608.3 Dec 2016	CTS	20	PASI-PA
		EPA 625.1 Dec 2016	EAC	69	PASI-PA
		EPA 624.1 Dec 2016	AJC	53	PASI-PA
30709280004	**Influent Grab**	EPA 218.6	MAT	1	PASI-BV
		EPA 335.4, Rev 1.0	CJD	1	PASI-BV
		EPA 420.1	SAM1	1	PASI-BV
30709280005	**Influent Composite**	EPA 200.7	AGB	1	PASI-BV
		EPA 200.8	WES	12	PASI-BV
		EPA 245.1	JLH	1	PASI-BV
		EPA 300.0, Rev 2.1	MAT	1	PASI-BV
		EPA 300.0, Rev 2.1	MAT	1	PASI-BV
		EPA 351.2, Rev 2.0	CJD	1	PASI-BV
		SM 4500-P-E-11	SAM1	1	PASI-BV
		SM 4500NO3-F-2016	AK1	1	PASI-PA
30709280006	**Trip Blank**	EPA 624.1 Dec 2016	AJC	34	PASI-PA

PASI-BV = Pace Analytical Services - Beaver
PASI-PA = Pace Analytical Services - Greensburg

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #1 **Lab ID: 30709280001** Collected: 08/13/24 08:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016 Pace Analytical Services - Greensburg							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:08	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	49	%.	10-141	1	08/20/24 09:00	08/20/24 22:08	877-09-8	
Decachlorobiphenyl (S)	47	%.	12-117	1	08/20/24 09:00	08/20/24 22:08	2051-24-3	
608.3 Pesticides Reduced Vol.	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016 Pace Analytical Services - Greensburg							
Aldrin	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	309-00-2	
alpha-BHC	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	319-84-6	
beta-BHC	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	319-85-7	
delta-BHC	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	58-89-9	
Chlordane (Technical)	ND	ug/L	0.27	1	08/20/24 09:00	08/21/24 12:38	57-74-9	
4,4'-DDD	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	72-54-8	
4,4'-DDE	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	72-55-9	
4,4'-DDT	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	50-29-3	
Dieldrin	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	60-57-1	
Endosulfan I	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	959-98-8	
Endosulfan II	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	1031-07-8	
Endrin	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	72-20-8	
Endrin aldehyde	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:38	7421-93-4	
Heptachlor	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	76-44-8	
Heptachlor epoxide	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:38	1024-57-3	
Toxaphene	ND	ug/L	0.54	1	08/20/24 09:00	08/21/24 12:38	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	49	%.	10-103	1	08/20/24 09:00	08/21/24 12:38	877-09-8	
Decachlorobiphenyl (S)	52	%.	10-114	1	08/20/24 09:00	08/21/24 12:38	2051-24-3	
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Acenaphthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	83-32-9	ED,ML
Acenaphthylene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	208-96-8	ED
Anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	120-12-7	ED
Benzidine	ND	ug/L	149	10	08/15/24 11:00	08/16/24 13:20	92-87-5	ED,L2,ML
Benzo(a)anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	56-55-3	ED
Benzo(a)pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	50-32-8	ED
Benzo(b)fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	205-99-2	ED

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #1 **Lab ID: 30709280001** Collected: 08/13/24 08:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Benzo(g,h,i)perylene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	191-24-2	ED
Benzo(k)fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	207-08-9	ED
Benzoic acid	ND	ug/L	149	10	08/15/24 11:00	08/16/24 13:20	65-85-0	ED
4-Bromophenylphenyl ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	101-55-3	ED,ML
Butylbenzylphthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	85-68-7	ED,L1
4-Chloro-3-methylphenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	59-50-7	ED
4-Chloroaniline	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	106-47-8	ED
bis(2-Chloroethoxy)methane	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	111-91-1	ED
bis(2-Chloroethyl) ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	111-44-4	ED
2-Chloronaphthalene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	91-58-7	ED,ML
2-Chlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	95-57-8	ED
4-Chlorophenylphenyl ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	7005-72-3	ED
Chrysene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	218-01-9	ED
Dibenz(a,h)anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	53-70-3	ED
Dibenzofuran	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	132-64-9	ED
1,2-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	95-50-1	ED
1,3-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	541-73-1	ED
1,4-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	106-46-7	ED
3,3'-Dichlorobenzidine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	91-94-1	ED
2,4-Dichlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	120-83-2	ED,ML
Diethylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	84-66-2	ED
2,4-Dimethylphenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	105-67-9	ED
Dimethylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	131-11-3	ED
Di-n-butylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	84-74-2	ED
4,6-Dinitro-2-methylphenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	534-52-1	ED
2,4-Dinitrophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	51-28-5	ED
2,4-Dinitrotoluene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	121-14-2	ED
2,6-Dinitrotoluene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	606-20-2	ED,ML
Di-n-octylphthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	117-84-0	ED
1,2-Diphenylhydrazine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	122-66-7	ED
bis(2-Ethylhexyl)phthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	117-81-7	ED
Fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	206-44-0	ED
Fluorene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	86-73-7	ED,ML
Hexachloro-1,3-butadiene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	87-68-3	ED
Hexachlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	118-74-1	ED
Hexachlorocyclopentadiene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	77-47-4	ED
Hexachloroethane	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	67-72-1	ED,ML
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	193-39-5	ED
Isophorone	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	78-59-1	ED
2-Methylnaphthalene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	91-57-6	ED
3&4-Methylphenol(m&p Cresol)	ND	ug/L	19.8	10	08/15/24 11:00	08/16/24 13:20		ED
Naphthalene	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	91-20-3	B,ED
2-Nitroaniline	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	88-74-4	ED
4-Nitroaniline	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	100-01-6	ED
Nitrobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	98-95-3	ED

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #1 **Lab ID: 30709280001** Collected: 08/13/24 08:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
2-Nitrophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	88-75-5	ED
4-Nitrophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	100-02-7	ED
N-Nitroso-di-n-propylamine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	621-64-7	ED
N-Nitrosodiphenylamine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	86-30-6	ED
Pentachlorophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	87-86-5	ED
Phenanthrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	85-01-8	ED,ML
Phenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	108-95-2	ED
Pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	129-00-0	ED
1,2,4-Trichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	120-82-1	ED
2,4,5-Trichlorophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 13:20	95-95-4	ED
2,4,6-Trichlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 13:20	88-06-2	ED
Surrogates								
Nitrobenzene-d5 (S)	64	%.	25-154	10	08/15/24 11:00	08/16/24 13:20	4165-60-0	
2-Fluorobiphenyl (S)	51	%.	39-116	10	08/15/24 11:00	08/16/24 13:20	321-60-8	
Terphenyl-d14 (S)	67	%.	10-173	10	08/15/24 11:00	08/16/24 13:20	1718-51-0	
Phenol-d6 (S)	16	%.	10-73	10	08/15/24 11:00	08/16/24 13:20	13127-88-3	
2-Fluorophenol (S)	28	%.	10-85	10	08/15/24 11:00	08/16/24 13:20	367-12-4	
2,4,6-Tribromophenol (S)	63	%.	16-155	10	08/15/24 11:00	08/16/24 13:20	118-79-6	
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	50.0	1		08/15/24 16:56	67-64-1	
Acrolein	ND	ug/L	10.0	1		08/15/24 16:56	107-02-8	
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 16:56	107-13-1	
Benzene	ND	ug/L	1.0	1		08/15/24 16:56	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 16:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 16:56	75-27-4	
Bromoform	ND	ug/L	4.0	1		08/15/24 16:56	75-25-2	
Bromomethane	ND	ug/L	10.0	1		08/15/24 16:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		08/15/24 16:56	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/15/24 16:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 16:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 16:56	108-90-7	
Chloroethane	ND	ug/L	4.0	1		08/15/24 16:56	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 16:56	110-75-8	
Chloroform	ND	ug/L	4.0	1		08/15/24 16:56	67-66-3	
Chloromethane	ND	ug/L	10.0	1		08/15/24 16:56	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 16:56	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 16:56	541-73-1	
1,4-Dichlorobenzene	**1.2**	ug/L	1.0	1		08/15/24 16:56	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 16:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 16:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:56	156-59-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #1 **Lab ID: 30709280001** Collected: 08/13/24 08:48 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 16:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 16:56	78-87-5	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 16:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 16:56	10061-02-6	
Total 1,3-Dichloropropene	ND	ug/L	2.0	1		08/15/24 16:56		N2
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 16:56	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/15/24 16:56	591-78-6	
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 16:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/15/24 16:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/15/24 16:56	1634-04-4	
Styrene	ND	ug/L	1.0	1		08/15/24 16:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 16:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 16:56	127-18-4	
Toluene	ND	ug/L	1.0	1		08/15/24 16:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 16:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 16:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/15/24 16:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/15/24 16:56	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 16:56	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/15/24 16:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/15/24 16:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/15/24 16:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%.	80-120	1		08/15/24 16:56	460-00-4	
Toluene-d8 (S)	97	%.	80-120	1		08/15/24 16:56	2037-26-5	
1,2-Dichloroethane-d4 (S)	112	%.	80-120	1		08/15/24 16:56	17060-07-0	
Dibromofluoromethane (S)	100	%.	74-125	1		08/15/24 16:56	1868-53-7	
Preservation pH	**2.0**		2.0	1		08/15/24 16:56		B

Sample: Influent Grab #2 **Lab ID: 30709280002** Collected: 08/13/24 17:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016 Pace Analytical Services - Greensburg							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:17	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:17	11097-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #2 **Lab ID: 30709280002** Collected: 08/13/24 17:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016 Pace Analytical Services - Greensburg							
PCB-1260 (Aroclor 1260)	ND	ug/L	0.27	1	08/20/24 09:00	08/20/24 22:17	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	42	%.	10-141	1	08/20/24 09:00	08/20/24 22:17	877-09-8	
Decachlorobiphenyl (S)	40	%.	12-117	1	08/20/24 09:00	08/20/24 22:17	2051-24-3	
608.3 Pesticides Reduced Vol.	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016 Pace Analytical Services - Greensburg							
Aldrin	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	309-00-2	
alpha-BHC	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	319-84-6	
beta-BHC	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	319-85-7	
delta-BHC	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	58-89-9	
Chlordane (Technical)	ND	ug/L	0.27	1	08/20/24 09:00	08/21/24 12:50	57-74-9	
4,4'-DDD	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	72-54-8	
4,4'-DDE	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	72-55-9	
4,4'-DDT	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	50-29-3	
Dieldrin	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	60-57-1	
Endosulfan I	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	959-98-8	
Endosulfan II	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	1031-07-8	
Endrin	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	72-20-8	
Endrin aldehyde	ND	ug/L	0.054	1	08/20/24 09:00	08/21/24 12:50	7421-93-4	
Heptachlor	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	76-44-8	
Heptachlor epoxide	ND	ug/L	0.027	1	08/20/24 09:00	08/21/24 12:50	1024-57-3	
Toxaphene	ND	ug/L	0.54	1	08/20/24 09:00	08/21/24 12:50	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	38	%.	10-103	1	08/20/24 09:00	08/21/24 12:50	877-09-8	
Decachlorobiphenyl (S)	43	%.	10-114	1	08/20/24 09:00	08/21/24 12:50	2051-24-3	
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Acenaphthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	83-32-9	ED
Acenaphthylene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	208-96-8	ED
Anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	120-12-7	ED
Benzidine	ND	ug/L	149	10	08/15/24 11:00	08/16/24 14:18	92-87-5	ED,L2
Benzo(a)anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	56-55-3	ED
Benzo(a)pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	50-32-8	ED
Benzo(b)fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	205-99-2	ED
Benzo(g,h,i)perylene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	191-24-2	ED
Benzo(k)fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	207-08-9	ED
Benzoic acid	ND	ug/L	149	10	08/15/24 11:00	08/16/24 14:18	65-85-0	ED
4-Bromophenylphenyl ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	101-55-3	ED
Butylbenzylphthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	85-68-7	ED,L1
4-Chloro-3-methylphenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	59-50-7	ED
4-Chloroaniline	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	106-47-8	ED

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #2 **Lab ID: 30709280002** Collected: 08/13/24 17:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
bis(2-Chloroethoxy)methane	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	111-91-1	ED
bis(2-Chloroethyl) ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	111-44-4	ED
2-Chloronaphthalene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	91-58-7	ED
2-Chlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	95-57-8	ED
4-Chlorophenylphenyl ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	7005-72-3	ED
Chrysene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	218-01-9	ED
Dibenz(a,h)anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	53-70-3	ED
Dibenzofuran	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	132-64-9	ED
1,2-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	95-50-1	ED
1,3-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	541-73-1	ED
1,4-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	106-46-7	ED
3,3'-Dichlorobenzidine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	91-94-1	ED
2,4-Dichlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	120-83-2	ED
Diethylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	84-66-2	ED
2,4-Dimethylphenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	105-67-9	ED
Dimethylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	131-11-3	ED
Di-n-butylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	84-74-2	ED
4,6-Dinitro-2-methylphenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	534-52-1	ED
2,4-Dinitrophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	51-28-5	CH,ED
2,4-Dinitrotoluene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	121-14-2	ED
2,6-Dinitrotoluene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	606-20-2	ED
Di-n-octylphthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	117-84-0	ED
1,2-Diphenylhydrazine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	122-66-7	ED
bis(2-Ethylhexyl)phthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	117-81-7	ED
Fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	206-44-0	ED
Fluorene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	86-73-7	ED
Hexachloro-1,3-butadiene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	87-68-3	ED
Hexachlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	118-74-1	ED
Hexachlorocyclopentadiene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	77-47-4	ED
Hexachloroethane	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	67-72-1	ED
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	193-39-5	ED
Isophorone	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	78-59-1	ED
2-Methylnaphthalene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	91-57-6	ED
3&4-Methylphenol(m&p Cresol)	ND	ug/L	19.8	10	08/15/24 11:00	08/16/24 14:18		ED
Naphthalene	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	91-20-3	B,ED
2-Nitroaniline	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	88-74-4	ED
4-Nitroaniline	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	100-01-6	ED
Nitrobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	98-95-3	ED
2-Nitrophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	88-75-5	ED
4-Nitrophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	100-02-7	CH,ED
N-Nitroso-di-n-propylamine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	621-64-7	ED
N-Nitrosodiphenylamine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	86-30-6	ED
Pentachlorophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	87-86-5	ED
Phenanthrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	85-01-8	ED
Phenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	108-95-2	ED

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #2 **Lab ID: 30709280002** Collected: 08/13/24 17:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	129-00-0	ED
1,2,4-Trichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	120-82-1	ED
2,4,5-Trichlorophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:18	95-95-4	ED
2,4,6-Trichlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:18	88-06-2	ED
Surrogates								
Nitrobenzene-d5 (S)	74	%.	25-154	10	08/15/24 11:00	08/16/24 14:18	4165-60-0	
2-Fluorobiphenyl (S)	63	%.	39-116	10	08/15/24 11:00	08/16/24 14:18	321-60-8	
Terphenyl-d14 (S)	90	%.	10-173	10	08/15/24 11:00	08/16/24 14:18	1718-51-0	
Phenol-d6 (S)	19	%.	10-73	10	08/15/24 11:00	08/16/24 14:18	13127-88-3	
2-Fluorophenol (S)	23	%.	10-85	10	08/15/24 11:00	08/16/24 14:18	367-12-4	
2,4,6-Tribromophenol (S)	73	%.	16-155	10	08/15/24 11:00	08/16/24 14:18	118-79-6	
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	50.0	1		08/15/24 17:21	67-64-1	
Acrolein	ND	ug/L	10.0	1		08/15/24 17:21	107-02-8	
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 17:21	107-13-1	
Benzene	ND	ug/L	1.0	1		08/15/24 17:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 17:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 17:21	75-27-4	
Bromoform	ND	ug/L	4.0	1		08/15/24 17:21	75-25-2	
Bromomethane	ND	ug/L	10.0	1		08/15/24 17:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		08/15/24 17:21	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/15/24 17:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 17:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 17:21	108-90-7	
Chloroethane	ND	ug/L	4.0	1		08/15/24 17:21	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 17:21	110-75-8	
Chloroform	**7.4**	ug/L	4.0	1		08/15/24 17:21	67-66-3	
Chloromethane	ND	ug/L	10.0	1		08/15/24 17:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 17:21	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 17:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 17:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 17:21	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 17:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 17:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 17:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 17:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 17:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 17:21	78-87-5	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 17:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/15/24 17:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 17:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 17:21	10061-02-6	
Total 1,3-Dichloropropene	ND	ug/L	2.0	1		08/15/24 17:21		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #2 **Lab ID: 30709280002** Collected: 08/13/24 17:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016							
	Pace Analytical Services - Greensburg							
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 17:21	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/15/24 17:21	591-78-6	
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 17:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/15/24 17:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/15/24 17:21	1634-04-4	
Styrene	ND	ug/L	1.0	1		08/15/24 17:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 17:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 17:21	127-18-4	
Toluene	ND	ug/L	1.0	1		08/15/24 17:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 17:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 17:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/15/24 17:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/15/24 17:21	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 17:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/15/24 17:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/15/24 17:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/15/24 17:21	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%.	80-120	1		08/15/24 17:21	460-00-4	
Toluene-d8 (S)	100	%.	80-120	1		08/15/24 17:21	2037-26-5	
1,2-Dichloroethane-d4 (S)	112	%.	80-120	1		08/15/24 17:21	17060-07-0	
Dibromofluoromethane (S)	101	%.	74-125	1		08/15/24 17:21	1868-53-7	
Preservation pH	**2.0**		2.0	1		08/15/24 17:21		B

Sample: Influent Grab #3 **Lab ID: 30709280003** Collected: 08/14/24 01:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 PCBs Reduced Volume	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016							
	Pace Analytical Services - Greensburg							
PCB-1016 (Aroclor 1016)	ND	ug/L	2.5	10	08/20/24 09:00	08/20/24 21:39	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/L	2.5	10	08/20/24 09:00	08/20/24 21:39	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/L	2.5	10	08/20/24 09:00	08/20/24 21:39	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/L	2.5	10	08/20/24 09:00	08/20/24 21:39	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/L	2.5	10	08/20/24 09:00	08/20/24 21:39	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/L	2.5	10	08/20/24 09:00	08/20/24 21:39	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/L	2.5	10	08/20/24 09:00	08/20/24 21:39	11096-82-5	ED
Surrogates								
Tetrachloro-m-xylene (S)	36	%.	10-141	10	08/20/24 09:00	08/20/24 21:39	877-09-8	
Decachlorobiphenyl (S)	50	%.	12-117	10	08/20/24 09:00	08/20/24 21:39	2051-24-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #3 **Lab ID: 30709280003** Collected: 08/14/24 01:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 Pesticides Reduced Vol.	Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016 Pace Analytical Services - Greensburg							
Aldrin	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	309-00-2	
alpha-BHC	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	319-84-6	
beta-BHC	**0.030**	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	319-85-7	
delta-BHC	**0.033**	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	58-89-9	
Chlordane (Technical)	ND	ug/L	0.25	1	08/20/24 09:00	08/21/24 13:16	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	50-29-3	
Dieldrin	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	60-57-1	
Endosulfan I	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	1031-07-8	
Endrin	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	08/20/24 09:00	08/21/24 13:16	7421-93-4	
Heptachlor	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	76-44-8	
Heptachlor epoxide	ND	ug/L	0.025	1	08/20/24 09:00	08/21/24 13:16	1024-57-3	
Toxaphene	ND	ug/L	0.50	1	08/20/24 09:00	08/21/24 13:16	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	32	%.	10-103	1	08/20/24 09:00	08/21/24 13:16	877-09-8	
Decachlorobiphenyl (S)	37	%.	10-114	1	08/20/24 09:00	08/21/24 13:16	2051-24-3	
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Acenaphthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	83-32-9	
Acenaphthylene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	208-96-8	
Anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	120-12-7	
Benzidine	ND	ug/L	149	10	08/15/24 11:00	08/16/24 14:57	92-87-5	L2
Benzo(a)anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	207-08-9	
Benzoic acid	ND	ug/L	149	10	08/15/24 11:00	08/16/24 14:57	65-85-0	
4-Bromophenylphenyl ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	101-55-3	
Butylbenzylphthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	85-68-7	L1
4-Chloro-3-methylphenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	59-50-7	
4-Chloroaniline	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	91-58-7	
2-Chlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	7005-72-3	
Chrysene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	53-70-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #3 **Lab ID: 30709280003** Collected: 08/14/24 01:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Dibenzofuran	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	120-83-2	
Diethylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	105-67-9	
Dimethylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	534-52-1	
2,4-Dinitrophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	51-28-5	CH
2,4-Dinitrotoluene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	606-20-2	
Di-n-octylphthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	117-81-7	
Fluoranthene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	206-44-0	
Fluorene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	87-68-3	
Hexachlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	77-47-4	
Hexachloroethane	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	193-39-5	
Isophorone	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	91-57-6	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	19.8	10	08/15/24 11:00	08/16/24 14:57		
Naphthalene	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	91-20-3	B
2-Nitroaniline	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	88-74-4	
4-Nitroaniline	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	100-01-6	
Nitrobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	98-95-3	
2-Nitrophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	88-75-5	
4-Nitrophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	100-02-7	CH
N-Nitroso-di-n-propylamine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	86-30-6	
Pentachlorophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	87-86-5	
Phenanthrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	85-01-8	
Phenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	108-95-2	
Pyrene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	24.8	10	08/15/24 11:00	08/16/24 14:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.9	10	08/15/24 11:00	08/16/24 14:57	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	43	%.	25-154	10	08/15/24 11:00	08/16/24 14:57	4165-60-0	
2-Fluorobiphenyl (S)	36	%.	39-116	10	08/15/24 11:00	08/16/24 14:57	321-60-8	S4

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #3 **Lab ID: 30709280003** Collected: 08/14/24 01:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume	Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg							
Surrogates								
Terphenyl-d14 (S)	52	%.	10-173	10	08/15/24 11:00	08/16/24 14:57	1718-51-0	
Phenol-d6 (S)	10	%.	10-73	10	08/15/24 11:00	08/16/24 14:57	13127-88-3	
2-Fluorophenol (S)	12	%.	10-85	10	08/15/24 11:00	08/16/24 14:57	367-12-4	
2,4,6-Tribromophenol (S)	53	%.	16-155	10	08/15/24 11:00	08/16/24 14:57	118-79-6	
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Acetone	ND	ug/L	50.0	1		08/15/24 17:47	67-64-1	
Acrolein	ND	ug/L	10.0	1		08/15/24 17:47	107-02-8	
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 17:47	107-13-1	
Benzene	ND	ug/L	1.0	1		08/15/24 17:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 17:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 17:47	75-27-4	
Bromoform	ND	ug/L	4.0	1		08/15/24 17:47	75-25-2	
Bromomethane	ND	ug/L	10.0	1		08/15/24 17:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		08/15/24 17:47	78-93-3	
Carbon disulfide	ND	ug/L	1.0	1		08/15/24 17:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 17:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 17:47	108-90-7	
Chloroethane	ND	ug/L	4.0	1		08/15/24 17:47	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 17:47	110-75-8	
Chloroform	ND	ug/L	4.0	1		08/15/24 17:47	67-66-3	
Chloromethane	ND	ug/L	10.0	1		08/15/24 17:47	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 17:47	124-48-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/15/24 17:47	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 17:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 17:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 17:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 17:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 17:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 17:47	78-87-5	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 17:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/15/24 17:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 17:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 17:47	10061-02-6	
Total 1,3-Dichloropropene	ND	ug/L	2.0	1		08/15/24 17:47		N2
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 17:47	100-41-4	
2-Hexanone	ND	ug/L	10.0	1		08/15/24 17:47	591-78-6	
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 17:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		08/15/24 17:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/15/24 17:47	1634-04-4	
Styrene	ND	ug/L	1.0	1		08/15/24 17:47	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Grab #3 **Lab ID: 30709280003** Collected: 08/14/24 01:09 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 17:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 17:47	127-18-4	
Toluene	ND	ug/L	1.0	1		08/15/24 17:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 17:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 17:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/15/24 17:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/15/24 17:47	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 17:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/15/24 17:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/15/24 17:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/15/24 17:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	92	%.	80-120	1		08/15/24 17:47	460-00-4	
Toluene-d8 (S)	99	%.	80-120	1		08/15/24 17:47	2037-26-5	
1,2-Dichloroethane-d4 (S)	113	%.	80-120	1		08/15/24 17:47	17060-07-0	
Dibromofluoromethane (S)	100	%.	74-125	1		08/15/24 17:47	1868-53-7	
Preservation pH	**2.0**		2.0	1		08/15/24 17:47		B

Sample: Influent Grab **Lab ID: 30709280004** Collected: 08/13/24 08:48 Received: 08/14/24 23:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR Hexavalent Chromium 28 Day	Analytical Method: EPA 218.6 Pace Analytical Services - Beaver							
Chromium, Hexavalent	ND	ug/L	1.0	1		08/19/24 12:37	18540-29-9	
335.4 BVR Cyanide, Total	Analytical Method: EPA 335.4, Rev 1.0 Preparation Method: EPA 335.4, Rev 1.0 Pace Analytical Services - Beaver							
Cyanide	ND	mg/L	0.020	1	08/16/24 15:47	08/19/24 16:53	57-12-5	
BVR Phenolic Total Recoverable	Analytical Method: EPA 420.1 Preparation Method: EPA 420.1 Pace Analytical Services - Beaver							
Phenolics, Total Recoverable	**0.020**	mg/L	0.010	1	08/20/24 11:37	08/20/24 15:19	64743-03-9	

Sample: Influent Composite **Lab ID: 30709280005** Collected: 08/14/24 08:00 Received: 08/14/24 23:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.7 Metals Total	Analytical Method: EPA 200.7 Preparation Method: EPA 200.2 Pace Analytical Services - Beaver							
Total Hardness	**66700**	ug/L	3310	1	08/20/24 10:20	08/20/24 19:15		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Influent Composite **Lab ID: 30709280005** Collected: 08/14/24 08:00 Received: 08/14/24 23:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 ICPMS Metals, Total	Analytical Method: EPA 200.8 Preparation Method: EPA 200.2 Pace Analytical Services - Beaver							
Antimony	ND	ug/L	1.0	2	08/19/24 14:15	08/20/24 12:02	7440-36-0	
Arsenic	ND	ug/L	5.0	2	08/19/24 14:15	08/20/24 12:02	7440-38-2	
Beryllium	ND	ug/L	1.0	2	08/19/24 14:15	08/20/24 12:02	7440-41-7	
Cadmium	ND	ug/L	1.0	2	08/19/24 14:15	08/20/24 12:02	7440-43-9	
Chromium	ND	ug/L	5.0	2	08/19/24 14:15	08/20/24 12:02	7440-47-3	
Copper	**19.5**	ug/L	5.0	2	08/19/24 14:15	08/20/24 12:02	7440-50-8	
Lead	ND	ug/L	1.0	2	08/19/24 14:15	08/20/24 12:02	7439-92-1	
Nickel	ND	ug/L	5.0	2	08/19/24 14:15	08/20/24 12:02	7440-02-0	
Selenium	ND	ug/L	5.0	2	08/19/24 14:15	08/20/24 12:02	7782-49-2	
Silver	ND	ug/L	0.80	2	08/19/24 14:15	08/20/24 12:02	7440-22-4	
Thallium	ND	ug/L	0.40	2	08/19/24 14:15	08/20/24 12:02	7440-28-0	
Zinc	**26.6**	ug/L	10.0	2	08/19/24 14:15	08/20/24 12:02	7440-66-6	
BVR 245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 Pace Analytical Services - Beaver							
Mercury	ND	ug/L	0.20	1	08/19/24 09:22	08/19/24 15:07	7439-97-6	
BVR 300.0 IC Anions 48 Hours	Analytical Method: EPA 300.0, Rev 2.1 Pace Analytical Services - Beaver							
Orthophosphate as P	**1.3**	mg/L	0.10	1		08/16/24 07:40	14265-44-2	
BVR 300.0 IC Anions	Analytical Method: EPA 300.0, Rev 2.1 Pace Analytical Services - Beaver							
Sulfate	**8.6**	mg/L	5.0	1		08/20/24 12:44	14808-79-8	
BVR 351.2 Total Kjeldahl Nitro	Analytical Method: EPA 351.2, Rev 2.0 Preparation Method: EPA 351.2, Rev 2.0 Pace Analytical Services - Beaver							
Nitrogen, Kjeldahl, Total	**21.9**	mg/L	2.5	5	08/20/24 09:32	08/20/24 20:52	7727-37-9	
BVR 4500PB Total Phosphorus	Analytical Method: SM 4500-P-E-11 Preparation Method: SM 4500-P-B-11 Pace Analytical Services - Beaver							
Phosphorus	**1.3**	mg/L	0.10	2	08/21/24 15:47	08/21/24 16:39	7723-14-0	
SM4500NO3-F, NO3-NO2	Analytical Method: SM 4500NO3-F-2016 Pace Analytical Services - Greensburg							
Nitrogen, NO2 plus NO3	ND	mg/L	0.10	1		08/27/24 07:11		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: Annual Influent 2024
Pace Project No.: 30709280

Sample: Trip Blank **Lab ID: 30709280006** Collected: 08/14/24 00:00 Received: 08/14/24 23:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics	Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Acrolein	ND	ug/L	10.0	1		08/15/24 15:13	107-02-8	M5
Acrylonitrile	ND	ug/L	4.0	1		08/15/24 15:13	107-13-1	M5
Benzene	ND	ug/L	1.0	1		08/15/24 15:13	71-43-2	M5
Bromochloromethane	ND	ug/L	1.0	1		08/15/24 15:13	74-97-5	M5
Bromodichloromethane	ND	ug/L	1.0	1		08/15/24 15:13	75-27-4	M5
Bromoform	ND	ug/L	4.0	1		08/15/24 15:13	75-25-2	M5
Bromomethane	ND	ug/L	10.0	1		08/15/24 15:13	74-83-9	M5
Carbon tetrachloride	ND	ug/L	1.0	1		08/15/24 15:13	56-23-5	M5
Chlorobenzene	ND	ug/L	1.0	1		08/15/24 15:13	108-90-7	M5
Chloroethane	ND	ug/L	4.0	1		08/15/24 15:13	75-00-3	M5
2-Chloroethylvinyl ether	ND	ug/L	2.0	1		08/15/24 15:13	110-75-8	M5
Chloroform	ND	ug/L	4.0	1		08/15/24 15:13	67-66-3	M5
Chloromethane	ND	ug/L	10.0	1		08/15/24 15:13	74-87-3	M5
Dibromochloromethane	ND	ug/L	1.0	1		08/15/24 15:13	124-48-1	M5
1,1-Dichloroethane	ND	ug/L	1.0	1		08/15/24 15:13	75-34-3	M5
1,2-Dichloroethane	ND	ug/L	1.0	1		08/15/24 15:13	107-06-2	M5
1,1-Dichloroethene	ND	ug/L	1.0	1		08/15/24 15:13	75-35-4	M5
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/15/24 15:13	156-60-5	M5
1,2-Dichloropropane	ND	ug/L	1.0	1		08/15/24 15:13	78-87-5	M5
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 15:13	10061-01-5	M5
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/15/24 15:13	10061-02-6	M5
Ethylbenzene	ND	ug/L	1.0	1		08/15/24 15:13	100-41-4	M5
Methylene Chloride	ND	ug/L	10.0	1		08/15/24 15:13	75-09-2	M5
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/15/24 15:13	79-34-5	M5
Tetrachloroethene	ND	ug/L	1.0	1		08/15/24 15:13	127-18-4	M5
Toluene	ND	ug/L	1.0	1		08/15/24 15:13	108-88-3	M5
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/15/24 15:13	71-55-6	M5
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/15/24 15:13	79-00-5	M5
Trichloroethene	ND	ug/L	1.0	1		08/15/24 15:13	79-01-6	M5
Vinyl chloride	ND	ug/L	1.0	1		08/15/24 15:13	75-01-4	M5
Surrogates								
4-Bromofluorobenzene (S)	96	%.	80-120	1		08/15/24 15:13	460-00-4	M5
Toluene-d8 (S)	97	%.	80-120	1		08/15/24 15:13	2037-26-5	M5
1,2-Dichloroethane-d4 (S)	112	%.	80-120	1		08/15/24 15:13	17060-07-0	M5
Dibromofluoromethane (S)	100	%.	74-125	1		08/15/24 15:13	1868-53-7	M5

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690325
QC Batch Method: EPA 200.2
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280005

METHOD BLANK: 3361555 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	0.50	08/20/24 11:50	
Arsenic	ug/L	ND	2.5	08/20/24 11:50	
Beryllium	ug/L	ND	0.50	08/20/24 11:50	
Cadmium	ug/L	ND	0.50	08/20/24 11:50	
Chromium	ug/L	ND	2.5	08/20/24 11:50	
Copper	ug/L	ND	2.5	08/20/24 11:50	
Lead	ug/L	ND	0.50	08/20/24 11:50	
Nickel	ug/L	ND	2.5	08/20/24 11:50	
Selenium	ug/L	ND	2.5	08/20/24 11:50	
Silver	ug/L	ND	0.40	08/20/24 11:50	
Thallium	ug/L	ND	0.20	08/20/24 11:50	
Zinc	ug/L	ND	5.0	08/20/24 11:50	

LABORATORY CONTROL SAMPLE: 3361556

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	20	20.2	101	85-115	
Arsenic	ug/L	100	102	102	85-115	
Beryllium	ug/L	20	19.8	99	85-115	
Cadmium	ug/L	20	19.9	100	85-115	
Chromium	ug/L	100	102	102	85-115	
Copper	ug/L	100	102	102	85-115	
Lead	ug/L	20	19.7	99	85-115	
Nickel	ug/L	100	102	102	85-115	
Selenium	ug/L	100	97.9	98	85-115	
Silver	ug/L	16	16.0	100	85-115	
Thallium	ug/L	8	8.0	100	85-115	
Zinc	ug/L	200	205	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361568 3361569

Parameter	Units	30710056001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	1.2	20	20	22.0	22.2	104	105	70-130	1	20	
Arsenic	ug/L	2.5J	100	100	110	111	108	108	70-130	0	20	
Beryllium	ug/L	ND	20	20	20.2	19.7	101	98	70-130	3	20	
Cadmium	ug/L	ND	20	20	20.2	20.5	100	102	70-130	1	20	

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361568 3361569

Parameter	Units	30710056001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium	ug/L	4.6J	100	100	112	113	108	108	70-130	1	20	
Copper	ug/L	300	100	100	466	399	166	99	70-130	15	20	M1
Lead	ug/L	2.8	20	20	23.3	23.4	103	103	70-130	1	20	
Nickel	ug/L	136	100	100	245	243	109	107	70-130	1	20	
Selenium	ug/L	ND	100	100	106	106	106	106	70-130	0	20	
Silver	ug/L	ND	16	16	16.0	16.2	100	101	70-130	1	20	
Thallium	ug/L	ND	8	8	8.1	8.0	101	99	70-130	1	20	
Zinc	ug/L	118	200	200	335	332	108	107	70-130	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361570 3361571

Parameter	Units	30710222001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<0.00030 mg/L	20	20	20.5	20.0	102	100	70-130	2	20	
Arsenic	ug/L	<0.0010 mg/L	100	100	106	104	106	104	70-130	2	20	
Beryllium	ug/L	<0.00012 mg/L	20	20	18.9	19.2	94	96	70-130	1	20	
Cadmium	ug/L	<0.00025 mg/L	20	20	19.8	19.3	99	97	70-130	2	20	
Chromium	ug/L	<0.00054 mg/L	100	100	105	103	105	103	70-130	2	20	
Copper	ug/L	<0.0018 mg/L	100	100	103	101	102	100	70-130	2	20	
Lead	ug/L	<0.00025 mg/L	20	20	20.2	19.7	101	98	70-130	2	20	
Nickel	ug/L	<0.00065 mg/L	100	100	105	103	104	103	70-130	1	20	
Selenium	ug/L	<0.00090 mg/L	100	100	105	103	104	103	70-130	2	20	
Silver	ug/L	<0.000077 mg/L	16	16	15.8	15.4	99	96	70-130	2	20	
Thallium	ug/L	<0.000026 mg/L	8	8	7.7	7.6	96	95	70-130	2	20	
Zinc	ug/L	<0.0040 mg/L	200	200	208	205	103	102	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690170
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: BVR 245.1 Mercury
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280005

METHOD BLANK: 3360991 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	08/19/24 14:31	

LABORATORY CONTROL SAMPLE: 3360992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360993 3360994

Parameter	Units	30709688001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.7	97	95	70-130	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360995 3360996

Parameter	Units	30709773001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	2.4	2.2	48	44	70-130	7	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690172
QC Batch Method: EPA 218.6
Analysis Method: EPA 218.6
Analysis Description: BVR Hexavalent Chromium 28 Day
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280004

METHOD BLANK: 3361000 Matrix: Water
Associated Lab Samples: 30709280004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	ug/L	ND	1.0	08/19/24 15:36	

LABORATORY CONTROL SAMPLE: 3361001

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	ug/L	10	10.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361004 3361005

Parameter	Units	30708789001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	ug/L	ND	10	10	10.9	10.1	109	101	90-110	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361006 3361007

Parameter	Units	30708334001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	ug/L	<0.48	10	10	10.7	10	107	100	90-110	7	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 689829
QC Batch Method: EPA 300.0, Rev 2.1
Analysis Method: EPA 300.0, Rev 2.1
Analysis Description: BVR 300.0 IC Anions 48 Hours
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280005

METHOD BLANK: 3359159 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Orthophosphate as P	mg/L	ND	0.10	08/16/24 21:46	

METHOD BLANK: 3361486 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Orthophosphate as P	mg/L	ND	0.10	08/16/24 22:05	

LABORATORY CONTROL SAMPLE: 3359160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Orthophosphate as P	mg/L	2	1.9	95	90-110	

LABORATORY CONTROL SAMPLE: 3361487

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Orthophosphate as P	mg/L	2	2.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359161 3359162

Parameter	Units	30709698002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Orthophosphate as P	mg/L	ND	2	2	1.7	1.7	83	84	90-110	1	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359163 3359164

Parameter	Units	30709748001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Orthophosphate as P	mg/L	<0.044	2	2	1.7	1.7	87	86	90-110	1	20	M1

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690476
QC Batch Method: EPA 300.0, Rev 2.1
Analysis Method: EPA 300.0, Rev 2.1
Analysis Description: BVR 300.0 IC Anions
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280005

METHOD BLANK: 3362193 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	5.0	08/20/24 11:20	

LABORATORY CONTROL SAMPLE: 3362194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	50.8	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362195 3362196

Parameter	Units	30709170001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<1.2	50	50	51.6	53.2	101	104	90-110	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362197 3362198

Parameter	Units	30709173001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<1.2	50	50	50.0	2.3J	100	4	90-110		20	M1

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 689996
QC Batch Method: EPA 335.4, Rev 1.0
Analysis Method: EPA 335.4, Rev 1.0
Analysis Description: 335.4 BVR Cyanide, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280004

METHOD BLANK: 3359804 Matrix: Water
Associated Lab Samples: 30709280004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.020	08/19/24 16:37	

LABORATORY CONTROL SAMPLE: 3359805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.2	0.20	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359806 3359807

Parameter	Units	30709683001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	ND	0.2	0.2	0.19	0.19	96	96	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359808 3359809

Parameter	Units	30709780002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	ND	0.2	0.2	0.19	0.20	95	99	90-110	4	20	

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690494
QC Batch Method: EPA 351.2, Rev 2.0
Analysis Method: EPA 351.2, Rev 2.0
Analysis Description: BVR 351.2 Total Kjeldahl Nitrogen
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280005

METHOD BLANK: 3362219 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	ND	0.50	08/20/24 16:38	

LABORATORY CONTROL SAMPLE: 3362220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 3362221

Parameter	Units	30709246001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	25.3	2	28.6	168	90-110	M1

MATRIX SPIKE SAMPLE: 3362223

Parameter	Units	30709252001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	1.5	2	3.5	101	90-110	

SAMPLE DUPLICATE: 3362222

Parameter	Units	30709246001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	25.3	27.1	7	20	

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690448
QC Batch Method: EPA 420.1
Analysis Method: EPA 420.1
Analysis Description: BVR 420.1 Phenolics
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280004

METHOD BLANK: 3362110 Matrix: Water
Associated Lab Samples: 30709280004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phenolics, Total Recoverable	mg/L	ND	0.010	08/20/24 15:16	

LABORATORY CONTROL SAMPLE: 3362111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenolics, Total Recoverable	mg/L	0.1	0.096	96	72-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362112 3362113

Parameter	Units	30709683007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phenolics, Total Recoverable	mg/L	ND	0.1	0.1	0.097	0.090	97	90	65-123	8	22	

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690834
QC Batch Method: SM 4500-P-B-11
Analysis Method: SM 4500-P-E-11
Analysis Description: BVR 4500PB Total Phosphorus
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30709280005

METHOD BLANK: 3363922 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus	mg/L	ND	0.050	08/21/24 16:05	

LABORATORY CONTROL SAMPLE: 3363923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus	mg/L	0.5	0.50	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3363924 3363925

Parameter	Units	30709527001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phosphorus	mg/L	0.038J	0.5	0.5	0.54	0.54	100	100	80-120	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 689646
QC Batch Method: EPA 624.1 Dec 2016
Analysis Method: EPA 624.1 Dec 2016
Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709280006

METHOD BLANK: 3357913 Matrix: Water
Associated Lab Samples: 30709280006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1,2-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,1-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
1,2-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	M5
1,2-Dichloropropane	ug/L	ND	1.0	08/15/24 12:14	M5
2-Chloroethylvinyl ether	ug/L	ND	2.0	08/15/24 12:14	M5
Acrolein	ug/L	ND	10.0	08/15/24 12:14	M5
Acrylonitrile	ug/L	ND	4.0	08/15/24 12:14	M5
Benzene	ug/L	ND	1.0	08/15/24 12:14	M5
Bromochloromethane	ug/L	ND	1.0	08/15/24 12:14	M5
Bromodichloromethane	ug/L	ND	1.0	08/15/24 12:14	M5
Bromoform	ug/L	ND	4.0	08/15/24 12:14	M5
Bromomethane	ug/L	ND	10.0	08/15/24 12:14	M5
Carbon tetrachloride	ug/L	ND	1.0	08/15/24 12:14	M5
Chlorobenzene	ug/L	ND	1.0	08/15/24 12:14	M5
Chloroethane	ug/L	ND	4.0	08/15/24 12:14	M5
Chloroform	ug/L	ND	4.0	08/15/24 12:14	M5
Chloromethane	ug/L	ND	10.0	08/15/24 12:14	M5
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	M5
Dibromochloromethane	ug/L	ND	1.0	08/15/24 12:14	M5
Ethylbenzene	ug/L	ND	1.0	08/15/24 12:14	M5
Methylene Chloride	ug/L	ND	10.0	08/15/24 12:14	M5
Tetrachloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
Toluene	ug/L	ND	1.0	08/15/24 12:14	M5
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	M5
Trichloroethene	ug/L	ND	1.0	08/15/24 12:14	M5
Vinyl chloride	ug/L	ND	1.0	08/15/24 12:14	M5
1,2-Dichloroethane-d4 (S)	%.	112	80-120	08/15/24 12:14	M5
4-Bromofluorobenzene (S)	%.	95	80-120	08/15/24 12:14	M5
Dibromofluoromethane (S)	%.	103	74-125	08/15/24 12:14	M5
Toluene-d8 (S)	%.	99	80-120	08/15/24 12:14	M5

LABORATORY CONTROL SAMPLE: 3357914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.1	95	70-130	M5

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QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

LABORATORY CONTROL SAMPLE: 3357914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	60-140	M5
1,1,2-Trichloroethane	ug/L	20	18.7	94	70-130	M5
1,1-Dichloroethane	ug/L	20	19.2	96	70-130	M5
1,1-Dichloroethene	ug/L	20	15.9	80	50-150	M5
1,2-Dichloroethane	ug/L	20	18.6	93	70-130	M5
1,2-Dichloropropane	ug/L	20	18.8	94	35-165	M5
2-Chloroethylvinyl ether	ug/L	20	18.8	94	10-225	M5
Acrolein	ug/L	20	21.8	109	60-140	M5
Acrylonitrile	ug/L	20	17.9	89	60-140	M5
Benzene	ug/L	20	18.5	93	65-135	M5
Bromochloromethane	ug/L	20	17.5	87	68-126	M5
Bromodichloromethane	ug/L	20	17.6	88	65-135	M5
Bromoform	ug/L	20	16.7	83	70-130	M5
Bromomethane	ug/L	20	13.5	67	15-185	M5
Carbon tetrachloride	ug/L	20	18.5	93	70-130	M5
Chlorobenzene	ug/L	20	19.5	97	65-135	M5
Chloroethane	ug/L	20	21.1	105	40-160	M5
Chloroform	ug/L	20	18.6	93	70-135	M5
Chloromethane	ug/L	20	18.3	91	10-205	M5
cis-1,3-Dichloropropene	ug/L	20	17.4	87	25-175	M5
Dibromochloromethane	ug/L	20	17.5	87	70-135	M5
Ethylbenzene	ug/L	20	19.6	98	60-140	M5
Methylene Chloride	ug/L	20	20.5	102	60-140	M5
Tetrachloroethene	ug/L	20	19.1	96	70-130	M5
Toluene	ug/L	20	19.3	97	70-130	M5
trans-1,2-Dichloroethene	ug/L	20	18.5	92	70-130	M5
trans-1,3-Dichloropropene	ug/L	20	17.6	88	50-150	M5
Trichloroethene	ug/L	20	18.8	94	65-135	M5
Vinyl chloride	ug/L	20	21.3	107	5-195	M5
1,2-Dichloroethane-d4 (S)	%.			114	80-120	M5
4-Bromofluorobenzene (S)	%.			98	80-120	M5
Dibromofluoromethane (S)	%.			100	74-125	M5
Toluene-d8 (S)	%.			101	80-120	M5

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 689645
QC Batch Method: EPA 624.1 Dec 2016
Analysis Method: EPA 624.1 Dec 2016
Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709280001, 30709280002, 30709280003

METHOD BLANK: 3357904 Matrix: Water
Associated Lab Samples: 30709280001, 30709280002, 30709280003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,1-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	
1,1-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
1,2-Dichloroethane	ug/L	ND	1.0	08/15/24 12:14	
1,2-Dichloropropane	ug/L	ND	1.0	08/15/24 12:14	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
2,2-Dichloropropane	ug/L	ND	1.0	08/15/24 12:14	
2-Butanone (MEK)	ug/L	ND	10.0	08/15/24 12:14	
2-Chloroethylvinyl ether	ug/L	ND	2.0	08/15/24 12:14	
2-Hexanone	ug/L	ND	10.0	08/15/24 12:14	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	08/15/24 12:14	
Acetone	ug/L	ND	50.0	08/15/24 12:14	
Acrolein	ug/L	ND	10.0	08/15/24 12:14	
Acrylonitrile	ug/L	ND	4.0	08/15/24 12:14	
Benzene	ug/L	ND	1.0	08/15/24 12:14	
Bromochloromethane	ug/L	ND	1.0	08/15/24 12:14	
Bromodichloromethane	ug/L	ND	1.0	08/15/24 12:14	
Bromoform	ug/L	ND	4.0	08/15/24 12:14	
Bromomethane	ug/L	ND	10.0	08/15/24 12:14	
Carbon disulfide	ug/L	ND	1.0	08/15/24 12:14	
Carbon tetrachloride	ug/L	ND	1.0	08/15/24 12:14	
Chlorobenzene	ug/L	ND	1.0	08/15/24 12:14	
Chloroethane	ug/L	ND	4.0	08/15/24 12:14	
Chloroform	ug/L	ND	4.0	08/15/24 12:14	
Chloromethane	ug/L	ND	10.0	08/15/24 12:14	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	
Dibromochloromethane	ug/L	ND	1.0	08/15/24 12:14	
Ethylbenzene	ug/L	ND	1.0	08/15/24 12:14	
m&p-Xylene	ug/L	ND	2.0	08/15/24 12:14	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/15/24 12:14	
Methylene Chloride	ug/L	ND	10.0	08/15/24 12:14	
o-Xylene	ug/L	ND	1.0	08/15/24 12:14	
Styrene	ug/L	ND	1.0	08/15/24 12:14	
Tetrachloroethene	ug/L	ND	1.0	08/15/24 12:14	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

METHOD BLANK: 3357904 Matrix: Water
Associated Lab Samples: 30709280001, 30709280002, 30709280003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	1.0	08/15/24 12:14	
Total 1,3-Dichloropropene	ug/L	ND	2.0	08/15/24 12:14	N2
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/15/24 12:14	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/15/24 12:14	
Trichloroethene	ug/L	ND	1.0	08/15/24 12:14	
Trichlorofluoromethane	ug/L	ND	1.0	08/15/24 12:14	
Vinyl chloride	ug/L	ND	1.0	08/15/24 12:14	
Xylene (Total)	ug/L	ND	3.0	08/15/24 12:14	
1,2-Dichloroethane-d4 (S)	%.	112	80-120	08/15/24 12:14	
4-Bromofluorobenzene (S)	%.	95	80-120	08/15/24 12:14	
Dibromofluoromethane (S)	%.	103	74-125	08/15/24 12:14	
Toluene-d8 (S)	%.	99	80-120	08/15/24 12:14	
Preservation pH		2.0	2.0	08/15/24 12:14	

LABORATORY CONTROL SAMPLE: 3357905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.1	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	60-140	
1,1,2-Trichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethane	ug/L	20	19.2	96	70-130	
1,1-Dichloroethene	ug/L	20	15.9	80	50-150	
1,1-Dichloropropene	ug/L	20	19.5	97	76-121	
1,2-Dichlorobenzene	ug/L	20	19.8	99	65-135	
1,2-Dichloroethane	ug/L	20	18.6	93	70-130	
1,2-Dichloropropane	ug/L	20	18.8	94	35-165	
1,3-Dichlorobenzene	ug/L	20	19.6	98	70-130	
1,4-Dichlorobenzene	ug/L	20	19.9	100	65-135	
2,2-Dichloropropane	ug/L	20	17.9	90	52-153	
2-Butanone (MEK)	ug/L	20	19.3	96	45-144	
2-Chloroethylvinyl ether	ug/L	20	18.8	94	10-225	
2-Hexanone	ug/L	20	17.2	86	48-138	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.2	91	54-139	
Acetone	ug/L	20	21J	105	26-170	
Acrolein	ug/L	20	21.8	109	60-140	
Acrylonitrile	ug/L	20	17.9	89	60-140	
Benzene	ug/L	20	18.5	93	65-135	
Bromochloromethane	ug/L	20	17.5	87	68-126	
Bromodichloromethane	ug/L	20	17.6	88	65-135	
Bromoform	ug/L	20	16.7	83	70-130	
Bromomethane	ug/L	20	13.5	67	15-185	
Carbon disulfide	ug/L	20	14.7	73	34-163	
Carbon tetrachloride	ug/L	20	18.5	93	70-130	
Chlorobenzene	ug/L	20	19.5	97	65-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

LABORATORY CONTROL SAMPLE: 3357905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	20	21.1	105	40-160	
Chloroform	ug/L	20	18.6	93	70-135	
Chloromethane	ug/L	20	18.3	91	10-205	
cis-1,2-Dichloroethene	ug/L	20	18.8	94	71-117	
cis-1,3-Dichloropropene	ug/L	20	17.4	87	25-175	
Dibromochloromethane	ug/L	20	17.5	87	70-135	
Ethylbenzene	ug/L	20	19.6	98	60-140	
m&p-Xylene	ug/L	40	40.3	101	80-120	
Methyl-tert-butyl ether	ug/L	20	19.8	99	70-124	
Methylene Chloride	ug/L	20	20.5	102	60-140	
o-Xylene	ug/L	20	19.8	99	80-120	
Styrene	ug/L	20	19.3	97	79-120	
Tetrachloroethene	ug/L	20	19.1	96	70-130	
Toluene	ug/L	20	19.3	97	70-130	
Total 1,3-Dichloropropene	ug/L	40	35.0	87	69-125	N2
trans-1,2-Dichloroethene	ug/L	20	18.5	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.6	88	50-150	
Trichloroethene	ug/L	20	18.8	94	65-135	
Trichlorofluoromethane	ug/L	20	18.2	91	50-150	
Vinyl chloride	ug/L	20	21.3	107	5-195	
Xylene (Total)	ug/L	60	60.1	100	80-120	
1,2-Dichloroethane-d4 (S)	%.			114	80-120	
4-Bromofluorobenzene (S)	%.			98	80-120	
Dibromofluoromethane (S)	%.			100	74-125	
Toluene-d8 (S)	%.			101	80-120	
Preservation pH			2.0			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357906 3357907

Parameter	Units	30709139002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	24.3	26.5	121	133	52-162	9	36	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	25.1	27.7	125	138	46-157	10	61	
1,1,2-Trichloroethane	ug/L	ND	20	20	25.2	27.7	126	139	52-150	9	45	
1,1-Dichloroethane	ug/L	ND	20	20	25.1	27.8	125	139	59-155	10	40	
1,1-Dichloroethene	ug/L	ND	20	20	20.7	21.3	104	106	10-234	3	32	
1,1-Dichloropropene	ug/L	ND	20	20	24.5	26.4	122	132	47-131	8	30	MH
1,2-Dichlorobenzene	ug/L	ND	20	20	24.4	26.9	122	135	18-190	10	57	
1,2-Dichloroethane	ug/L	ND	20	20	25.6	27.9	128	139	49-155	9	49	
1,2-Dichloropropane	ug/L	ND	20	20	24.6	27.2	123	136	10-210	10	55	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.9	26.2	119	131	59-156	9	43	
1,4-Dichlorobenzene	ug/L	ND	20	20	24.4	26.8	122	134	18-190	9	57	
2,2-Dichloropropane	ug/L	ND	20	20	21.5	23.5	108	117	36-141	9	30	
2-Butanone (MEK)	ug/L	ND	20	20	29.0	31.3	135	146	14-172	8	30	
2-Chloroethylvinyl ether	ug/L	ND	20	20	25.0	27.3	125	136	10-305	9	71	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3357906			3357907							
Parameter	Units	30709139002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	20	20	25.5	26.3	128	132	35-135	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	27.0	28.4	135	142	36-138	5	30	MH
Acetone	ug/L	34.3J	20	20	59.3	58.7	125	122	10-175	1	30	
Acrolein	ug/L	ND	20	20	12.3	10.4	62	52	40-160	17	60	
Acrylonitrile	ug/L	ND	20	20	25.9	22.5	130	112	40-160	14	60	
Benzene	ug/L	ND	20	20	24.4	26.4	122	132	37-151	8	61	
Bromochloromethane	ug/L	ND	20	20	24.0	26.7	120	133	47-126	10	30	MH
Bromodichloromethane	ug/L	ND	20	20	24.1	25.9	121	129	35-155	7	56	
Bromoform	ug/L	ND	20	20	21.3	23.1	107	115	45-169	8	42	
Bromomethane	ug/L	ND	20	20	11.0	17.9	52	86	10-242	47	61	
Carbon disulfide	ug/L	ND	20	20	17.8	18.9	89	95	16-166	6	30	
Carbon tetrachloride	ug/L	ND	20	20	23.2	25.5	116	128	70-140	10	41	
Chlorobenzene	ug/L	ND	20	20	25.2	27.0	126	135	37-160	7	53	
Chloroethane	ug/L	ND	20	20	30.1	35.1	150	176	14-230	15	78	
Chloroform	ug/L	ND	20	20	25.3	27.8	125	138	51-138	10	54	
Chloromethane	ug/L	ND	20	20	24.3	27.0	120	134	10-273	11	60	
cis-1,2-Dichloroethene	ug/L	ND	20	20	25.0	27.6	125	138	42-125	10	30	MH
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.2	25.4	116	127	10-227	9	58	
Dibromochloromethane	ug/L	ND	20	20	23.1	24.9	116	125	53-149	8	50	
Ethylbenzene	ug/L	ND	20	20	24.7	27.0	124	135	37-162	9	63	
m&p-Xylene	ug/L	ND	40	40	50.7	54.8	126	137	51-128	8	30	MH
Methyl-tert-butyl ether	ug/L	ND	20	20	27.3	29.8	136	149	39-132	9	30	MH
Methylene Chloride	ug/L	ND	20	20	27.2	28.6	136	143	10-221	5	28	
o-Xylene	ug/L	ND	20	20	25.0	27.5	124	137	51-128	10	30	MH
Styrene	ug/L	ND	20	20	24.9	27.1	125	136	10-155	8	30	
Tetrachloroethene	ug/L	ND	20	20	21.8	24.2	109	121	64-148	10	39	
Toluene	ug/L	ND	20	20	24.7	26.8	124	134	47-150	8	41	
Total 1,3-Dichloropropene	ug/L	ND	40	40	46.8	50.9	117	127	49-120	8	30	N2
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.3	25.4	106	127	54-156	18	45	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.6	25.5	118	127	17-183	8	86	
Trichloroethene	ug/L	ND	20	20	24.9	27.0	124	135	70-157	8	48	
Trichlorofluoromethane	ug/L	ND	20	20	19.7	22.3	98	112	17-181	13	84	
Vinyl chloride	ug/L	ND	20	20	27.8	31.4	139	157	10-251	12	66	
Xylene (Total)	ug/L	ND	60	60	75.7	82.4	126	137	51-128	8	30	
1,2-Dichloroethane-d4 (S)	%.						116	98	80-120			
4-Bromofluorobenzene (S)	%.						94	94	80-120			
Dibromofluoromethane (S)	%.						97	97	74-125			
Toluene-d8 (S)	%.						100	99	80-120			
Preservation pH		2.0			2.0	2.0				0		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690466
QC Batch Method: EPA 608.3 Dec 2016
Analysis Method: EPA 608.3 Dec 2016
Analysis Description: 6083 GCS PCB RV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709280001, 30709280002, 30709280003

METHOD BLANK: 3362158 Matrix: Water
Associated Lab Samples: 30709280001, 30709280002, 30709280003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.25	08/20/24 21:21	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.25	08/20/24 21:21	
Decachlorobiphenyl (S)	%.	42	12-117	08/20/24 21:21	
Tetrachloro-m-xylene (S)	%.	58	10-141	08/20/24 21:21	

LABORATORY CONTROL SAMPLE: 3362159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	2.5	2.0	80	61-103	
PCB-1260 (Aroclor 1260)	ug/L	2.5	2.1	85	37-130	
Decachlorobiphenyl (S)	%.			39	12-117	
Tetrachloro-m-xylene (S)	%.			75	10-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362160 3362161

Parameter	Units	30708393001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	2.5	2.5	1.2	1.2	49	49	50-140	1	36	ML
PCB-1260 (Aroclor 1260)	ug/L	ND	2.5	2.5	1.1	1.1	44	44	8-140	2	38	
Decachlorobiphenyl (S)	%.						39	39	12-117			
Tetrachloro-m-xylene (S)	%.						38	40	10-141			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 690464
QC Batch Method: EPA 608.3 Dec 2016
Analysis Method: EPA 608.3 Dec 2016
Analysis Description: 608.3 GCS Pesticide RV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709280001, 30709280002, 30709280003

METHOD BLANK: 3362153 Matrix: Water
Associated Lab Samples: 30709280001, 30709280002, 30709280003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	08/21/24 10:31	
4,4'-DDE	ug/L	ND	0.050	08/21/24 10:31	
4,4'-DDT	ug/L	ND	0.050	08/21/24 10:31	
Aldrin	ug/L	ND	0.025	08/21/24 10:31	
alpha-BHC	ug/L	ND	0.025	08/21/24 10:31	
beta-BHC	ug/L	ND	0.025	08/21/24 10:31	
Chlordane (Technical)	ug/L	ND	0.25	08/21/24 10:31	
delta-BHC	ug/L	ND	0.025	08/21/24 10:31	
Dieldrin	ug/L	ND	0.050	08/21/24 10:31	
Endosulfan I	ug/L	ND	0.025	08/21/24 10:31	
Endosulfan II	ug/L	ND	0.050	08/21/24 10:31	
Endosulfan sulfate	ug/L	ND	0.050	08/21/24 10:31	
Endrin	ug/L	ND	0.050	08/21/24 10:31	
Endrin aldehyde	ug/L	ND	0.050	08/21/24 10:31	
gamma-BHC (Lindane)	ug/L	ND	0.025	08/21/24 10:31	
Heptachlor	ug/L	ND	0.025	08/21/24 10:31	
Heptachlor epoxide	ug/L	ND	0.025	08/21/24 10:31	
Toxaphene	ug/L	ND	0.50	08/21/24 10:31	
Decachlorobiphenyl (S)	%.	51	10-114	08/21/24 10:31	
Tetrachloro-m-xylene (S)	%.	56	10-103	08/21/24 10:31	

LABORATORY CONTROL SAMPLE: 3362154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	0.4	0.36	89	48-130	
4,4'-DDE	ug/L	0.4	0.35	88	54-130	
4,4'-DDT	ug/L	0.4	0.37	93	46-137	
Aldrin	ug/L	0.2	0.17	86	54-130	
alpha-BHC	ug/L	0.2	0.17	87	49-130	
beta-BHC	ug/L	0.2	0.17	84	39-130	
delta-BHC	ug/L	0.2	0.18	89	51-130	
Dieldrin	ug/L	0.4	0.36	91	58-130	
Endosulfan I	ug/L	0.2	0.18	88	57-141	
Endosulfan II	ug/L	0.4	0.36	89	22-171	
Endosulfan sulfate	ug/L	0.4	0.38	95	38-132	
Endrin	ug/L	0.4	0.36	90	51-130	
Endrin aldehyde	ug/L	0.4	0.35	87	53-92	
gamma-BHC (Lindane)	ug/L	0.2	0.18	90	43-130	
Heptachlor	ug/L	0.2	0.17	86	43-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

LABORATORY CONTROL SAMPLE: 3362154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Heptachlor epoxide	ug/L	0.2	0.17	86	57-132	
Decachlorobiphenyl (S)	%.			45	10-114	
Tetrachloro-m-xylene (S)	%.			74	10-103	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3362155 3362156

Parameter	Units	30709277002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	ug/L	ND	0.4	0.39	0.47	0.46	117	117	31-141	3	39	
4,4'-DDE	ug/L	ND	0.4	0.39	0.34	0.32	85	83	30-145	6	35	
4,4'-DDT	ug/L	ND	0.4	0.39	0.39	0.37	96	94	25-160	5	42	
Aldrin	ug/L	ND	0.2	0.2	0.20	0.19	91	87	42-140	7	35	
alpha-BHC	ug/L	ND	0.2	0.2	0.18	0.17	90	89	37-140	4	36	
beta-BHC	ug/L	0.035	0.2	0.2	0.23	0.23	97	97	17-147	2	44	
delta-BHC	ug/L	ND	0.2	0.2	0.22	0.20	107	103	19-140	6	52	
Dieldrin	ug/L	ND	0.4	0.39	0.38	0.36	94	93	36-146	5	49	
Endosulfan I	ug/L	ND	0.2	0.2	0.18	0.17	80	77	45-153	6	28	
Endosulfan II	ug/L	ND	0.4	0.39	0.37	0.35	93	90	10-202	6	53	
Endosulfan sulfate	ug/L	ND	0.4	0.39	0.40	0.38	98	96	26-144	5	38	
Endrin	ug/L	ND	0.4	0.39	0.42	0.41	104	103	30-147	4	48	
Endrin aldehyde	ug/L	ND	0.4	0.39	0.36	0.35	90	88	10-110	5	25	
gamma-BHC (Lindane)	ug/L	ND	0.2	0.2	0.23	0.21	112	108	32-140	7	39	
Heptachlor	ug/L	ND	0.2	0.2	0.23	0.21	110	107	34-140	6	43	
Heptachlor epoxide	ug/L	ND	0.2	0.2	0.17	0.16	84	82	37-142	6	26	
Decachlorobiphenyl (S)	%.						73	72	10-114			
Tetrachloro-m-xylene (S)	%.						76	73	10-103			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 689549
QC Batch Method: EPA 625.1 Dec 2016
Analysis Method: EPA 625.1 Dec 2016
Analysis Description: 625.1 MSSV RV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709280001, 30709280002, 30709280003

METHOD BLANK: 3357601 Matrix: Water
Associated Lab Samples: 30709280001, 30709280002, 30709280003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
1,2-Diphenylhydrazine	ug/L	ND	1.0	08/16/24 09:48	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
2,4,5-Trichlorophenol	ug/L	ND	2.5	08/16/24 09:48	
2,4,6-Trichlorophenol	ug/L	ND	1.0	08/16/24 09:48	
2,4-Dichlorophenol	ug/L	ND	1.0	08/16/24 09:48	
2,4-Dimethylphenol	ug/L	ND	1.0	08/16/24 09:48	
2,4-Dinitrophenol	ug/L	ND	2.5	08/16/24 09:48	
2,4-Dinitrotoluene	ug/L	ND	1.0	08/16/24 09:48	
2,6-Dinitrotoluene	ug/L	ND	1.0	08/16/24 09:48	
2-Chloronaphthalene	ug/L	ND	1.0	08/16/24 09:48	
2-Chlorophenol	ug/L	ND	1.0	08/16/24 09:48	
2-Methylnaphthalene	ug/L	ND	1.0	08/16/24 09:48	
2-Nitroaniline	ug/L	ND	2.5	08/16/24 09:48	
2-Nitrophenol	ug/L	ND	1.0	08/16/24 09:48	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	2.0	08/16/24 09:48	
3,3'-Dichlorobenzidine	ug/L	ND	1.0	08/16/24 09:48	
4,6-Dinitro-2-methylphenol	ug/L	ND	2.5	08/16/24 09:48	
4-Bromophenylphenyl ether	ug/L	ND	1.0	08/16/24 09:48	
4-Chloro-3-methylphenol	ug/L	ND	1.0	08/16/24 09:48	
4-Chloroaniline	ug/L	ND	1.0	08/16/24 09:48	
4-Chlorophenylphenyl ether	ug/L	ND	1.0	08/16/24 09:48	
4-Nitroaniline	ug/L	ND	2.5	08/16/24 09:48	
4-Nitrophenol	ug/L	ND	1.0	08/16/24 09:48	
Acenaphthene	ug/L	ND	1.0	08/16/24 09:48	
Acenaphthylene	ug/L	ND	1.0	08/16/24 09:48	
Anthracene	ug/L	ND	1.0	08/16/24 09:48	
Benzidine	ug/L	ND	15.0	08/16/24 09:48	
Benzo(a)anthracene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(a)pyrene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(b)fluoranthene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(g,h,i)perylene	ug/L	ND	1.0	08/16/24 09:48	
Benzo(k)fluoranthene	ug/L	ND	1.0	08/16/24 09:48	
Benzoic acid	ug/L	ND	15.0	08/16/24 09:48	
bis(2-Chloroethoxy)methane	ug/L	ND	1.0	08/16/24 09:48	
bis(2-Chloroethyl) ether	ug/L	ND	1.0	08/16/24 09:48	
bis(2-Ethylhexyl)phthalate	ug/L	ND	2.5	08/16/24 09:48	
Butylbenzylphthalate	ug/L	ND	2.5	08/16/24 09:48	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

METHOD BLANK: 3357601 Matrix: Water
Associated Lab Samples: 30709280001, 30709280002, 30709280003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/L	ND	1.0	08/16/24 09:48	
Di-n-butylphthalate	ug/L	ND	1.0	08/16/24 09:48	
Di-n-octylphthalate	ug/L	ND	2.5	08/16/24 09:48	
Dibenz(a,h)anthracene	ug/L	ND	1.0	08/16/24 09:48	
Dibenzofuran	ug/L	ND	1.0	08/16/24 09:48	
Diethylphthalate	ug/L	ND	1.0	08/16/24 09:48	
Dimethylphthalate	ug/L	ND	1.0	08/16/24 09:48	
Fluoranthene	ug/L	ND	1.0	08/16/24 09:48	
Fluorene	ug/L	ND	1.0	08/16/24 09:48	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/16/24 09:48	
Hexachlorobenzene	ug/L	ND	1.0	08/16/24 09:48	
Hexachlorocyclopentadiene	ug/L	ND	1.0	08/16/24 09:48	
Hexachloroethane	ug/L	ND	1.0	08/16/24 09:48	
Indeno(1,2,3-cd)pyrene	ug/L	ND	1.0	08/16/24 09:48	
Isophorone	ug/L	ND	1.0	08/16/24 09:48	
N-Nitroso-di-n-propylamine	ug/L	ND	1.0	08/16/24 09:48	
N-Nitrosodiphenylamine	ug/L	ND	1.0	08/16/24 09:48	
Naphthalene	ug/L	2.7	2.5	08/16/24 09:48	B
Nitrobenzene	ug/L	ND	1.0	08/16/24 09:48	
Pentachlorophenol	ug/L	ND	2.5	08/16/24 09:48	
Phenanthrene	ug/L	ND	1.0	08/16/24 09:48	
Phenol	ug/L	ND	1.0	08/16/24 09:48	
Pyrene	ug/L	ND	1.0	08/16/24 09:48	
2,4,6-Tribromophenol (S)	%.	83	16-155	08/16/24 09:48	
2-Fluorobiphenyl (S)	%.	96	39-116	08/16/24 09:48	
2-Fluorophenol (S)	%.	49	10-85	08/16/24 09:48	
Nitrobenzene-d5 (S)	%.	88	25-154	08/16/24 09:48	
Phenol-d6 (S)	%.	31	10-73	08/16/24 09:48	
Terphenyl-d14 (S)	%.	102	10-173	08/16/24 09:48	

LABORATORY CONTROL SAMPLE: 3357602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	10	9.2	92	57-130	
1,2-Dichlorobenzene	ug/L	10	9.3	93	49-112	
1,2-Diphenylhydrazine	ug/L	10	10.1	101	54-130	
1,3-Dichlorobenzene	ug/L	10	9.0	90	17-154	
1,4-Dichlorobenzene	ug/L	10	9.3	93	37-106	
2,4,5-Trichlorophenol	ug/L	10	9.6	96	42-143	
2,4,6-Trichlorophenol	ug/L	10	10.6	106	52-129	
2,4-Dichlorophenol	ug/L	10	10.2	102	53-122	
2,4-Dimethylphenol	ug/L	10	10.5	105	42-120	
2,4-Dinitrophenol	ug/L	10	11.7	117	10-173	
2,4-Dinitrotoluene	ug/L	10	10.3	103	48-127	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

LABORATORY CONTROL SAMPLE: 3357602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	10	10.8	108	68-137	
2-Chloronaphthalene	ug/L	10	9.4	94	65-120	
2-Chlorophenol	ug/L	10	9.0	90	36-120	
2-Methylnaphthalene	ug/L	10	9.4	94	36-110	
2-Nitroaniline	ug/L	10	10.5	105	46-148	
2-Nitrophenol	ug/L	10	10.1	101	45-167	
3&4-Methylphenol(m&p Cresol)	ug/L	20	13.9	70	33-101	
3,3'-Dichlorobenzidine	ug/L	10	10.6	106	8-213	
4,6-Dinitro-2-methylphenol	ug/L	10	11.3	113	53-130	
4-Bromophenylphenyl ether	ug/L	10	10	100	65-120	
4-Chloro-3-methylphenol	ug/L	10	10.2	102	41-128	
4-Chloroaniline	ug/L	10	7.1	71	21-110	
4-Chlorophenylphenyl ether	ug/L	10	9.8	98	38-145	
4-Nitroaniline	ug/L	10	11.0	110	53-146	
4-Nitrophenol	ug/L	10	5.6	56	13-129	
Acenaphthene	ug/L	10	9.1	91	60-132	
Acenaphthylene	ug/L	10	10.3	103	54-126	
Anthracene	ug/L	10	10.5	105	43-120	
Benzidine	ug/L	10	ND	0	5-20	L2
Benzo(a)anthracene	ug/L	10	11.7	117	42-133	
Benzo(a)pyrene	ug/L	10	11.3	113	32-148	
Benzo(b)fluoranthene	ug/L	10	11.1	111	42-140	
Benzo(g,h,i)perylene	ug/L	10	10.3	103	10-195	
Benzo(k)fluoranthene	ug/L	10	10	100	25-146	
Benzoic acid	ug/L	10	5.6J	56	10-91	
bis(2-Chloroethoxy)methane	ug/L	10	9.7	97	49-165	
bis(2-Chloroethyl) ether	ug/L	10	9.4	94	43-126	
bis(2-Ethylhexyl)phthalate	ug/L	10	13.3	133	29-137	
Butylbenzylphthalate	ug/L	10	14.2	142	10-140	L1
Chrysene	ug/L	10	10.0	100	44-140	
Di-n-butylphthalate	ug/L	10	12.0	120	8-120	
Di-n-octylphthalate	ug/L	10	12.0	120	19-132	
Dibenz(a,h)anthracene	ug/L	10	10	100	10-200	
Dibenzofuran	ug/L	10	9.5	95	47-117	
Diethylphthalate	ug/L	10	10.6	106	10-120	
Dimethylphthalate	ug/L	10	10	100	10-120	
Fluoranthene	ug/L	10	11.0	110	43-121	
Fluorene	ug/L	10	9.7	97	70-120	
Hexachloro-1,3-butadiene	ug/L	10	9.2	92	38-120	
Hexachlorobenzene	ug/L	10	10	100	8-142	
Hexachlorocyclopentadiene	ug/L	10	11.0	110	34-152	
Hexachloroethane	ug/L	10	8.1	81	55-120	
Indeno(1,2,3-cd)pyrene	ug/L	10	10.9	109	10-151	
Isophorone	ug/L	10	10	100	47-180	
N-Nitroso-di-n-propylamine	ug/L	10	10.2	102	14-198	
N-Nitrosodiphenylamine	ug/L	10	10.0	100	46-132	
Naphthalene	ug/L	10	9.4	94	36-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

LABORATORY CONTROL SAMPLE: 3357602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene	ug/L	10	9.4	94	54-158	
Pentachlorophenol	ug/L	10	12.2	122	38-152	
Phenanthrene	ug/L	10	9.9	99	65-120	
Phenol	ug/L	10	3.1	31	17-120	
Pyrene	ug/L	10	10.5	105	70-120	
2,4,6-Tribromophenol (S)	%.			101	16-155	
2-Fluorobiphenyl (S)	%.			89	39-116	
2-Fluorophenol (S)	%.			46	10-85	
Nitrobenzene-d5 (S)	%.			92	25-154	
Phenol-d6 (S)	%.			30	10-73	
Terphenyl-d14 (S)	%.			100	10-173	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357603 3357604

Parameter	Units	30709280001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/L	ND	9.7	9.9	ND	6.3J	39	64	28-101		50	
1,2-Dichlorobenzene	ug/L	ND	9.7	9.9	ND	ND	36	56	23-107		25	
1,2-Diphenylhydrazine	ug/L	ND	9.7	9.9	ND	8.2J	40	83	31-143		25	
1,3-Dichlorobenzene	ug/L	ND	9.7	9.9	ND	5.8J	35	59	24-101		25	
1,4-Dichlorobenzene	ug/L	ND	9.7	9.9	ND	5.7J	32	52	22-104		25	
2,4,5-Trichlorophenol	ug/L	ND	9.7	9.9	ND	ND	49	92	22-169		25	
2,4,6-Trichlorophenol	ug/L	ND	9.7	9.9	ND	7.9J	50	79	37-144		58	
2,4-Dichlorophenol	ug/L	ND	9.7	9.9	ND	6.5J	34	65	39-135		50	ML
2,4-Dimethylphenol	ug/L	ND	9.7	9.9	ND	6.9J	36	66	32-120		58	
2,4-Dinitrophenol	ug/L	ND	9.7	9.9	ND	ND	50	110	10-191		132	
2,4-Dinitrotoluene	ug/L	ND	9.7	9.9	ND	8.1J	39	82	39-139		42	
2,6-Dinitrotoluene	ug/L	ND	9.7	9.9	ND	9.3J	40	94	50-158		48	ML
2-Chloronaphthalene	ug/L	ND	9.7	9.9	ND	7.5J	0	76	60-120		24	ML
2-Chlorophenol	ug/L	ND	9.7	9.9	ND	ND	29	47	23-134		61	
2-Methylnaphthalene	ug/L	ND	9.7	9.9	ND	6.6J	39	66	12-115		25	
2-Nitroaniline	ug/L	ND	9.7	9.9	ND	ND	56	101	10-175		25	
2-Nitrophenol	ug/L	ND	9.7	9.9	ND	ND	34	53	29-182		55	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	19.4	19.8	ND	ND	21	45	10-164		25	
3,3'-Dichlorobenzidine	ug/L	ND	9.7	9.9	ND	ND	19	26	10-262		108	
4,6-Dinitro-2-methylphenol	ug/L	ND	9.7	9.9	ND	ND	130	167	10-181		203	
4-Bromophenylphenyl ether	ug/L	ND	9.7	9.9	ND	9.5J	49	96	53-127		43	ML
4-Chloro-3-methylphenol	ug/L	ND	9.7	9.9	ND	8.3J	49	84	22-147		73	
4-Chloroaniline	ug/L	ND	9.7	9.9	ND	6.8J	26	69	10-129		25	
4-Chlorophenylphenyl ether	ug/L	ND	9.7	9.9	ND	7.9J	41	80	25-158		61	
4-Nitroaniline	ug/L	ND	9.7	9.9	ND	ND	50	82	10-175		25	
4-Nitrophenol	ug/L	ND	9.7	9.9	ND	7.3J	20	62	10-132		131	
Acenaphthene	ug/L	ND	9.7	9.9	ND	7.6J	41	76	47-145		48	ML
Acenaphthylene	ug/L	ND	9.7	9.9	ND	8.4J	42	85	33-145		74	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357603 3357604

Parameter	Units	30709280001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Anthracene	ug/L	ND	9.7	9.9	ND	9.5J	50	96	27-133		66	
Benzidine	ug/L	ND	9.7	9.9	ND	ND	0	0	10-120		25	ML
Benzo(a)anthracene	ug/L	ND	9.7	9.9	ND	11.2	63	114	33-143		53	
Benzo(a)pyrene	ug/L	ND	9.7	9.9	ND	10.0	58	101	17-163		72	
Benzo(b)fluoranthene	ug/L	ND	9.7	9.9	ND	9.1J	60	91	24-159		71	
Benzo(g,h,i)perylene	ug/L	ND	9.7	9.9	ND	8.8J	54	89	10-219		97	
Benzo(k)fluoranthene	ug/L	ND	9.7	9.9	ND	8.9J	49	90	11-162		63	
Benzoic acid	ug/L	ND	9.7	9.9	ND	ND	29	50	10-175		25	
bis(2-Chloroethoxy)methane	ug/L	ND	9.7	9.9	ND	7.1J	40	71	33-184		54	
bis(2-Chloroethyl) ether	ug/L	ND	9.7	9.9	ND	6.6J	39	67	12-158		108	
bis(2-Ethylhexyl)phthalate	ug/L	ND	9.7	9.9	ND	14.6J	71	131	8-158		82	
Butylbenzylphthalate	ug/L	ND	9.7	9.9	8.3J	15.3J	78	147	10-152		60	
Chrysene	ug/L	ND	9.7	9.9	ND	9.6J	54	97	17-168		87	
Di-n-butylphthalate	ug/L	ND	9.7	9.9	ND	12.2	67	116	1-120		47	
Di-n-octylphthalate	ug/L	ND	9.7	9.9	10.9J	17.2J	56	118	4-146		69	
Dibenz(a,h)anthracene	ug/L	ND	9.7	9.9	ND	8.8J	47	89	10-227		126	
Dibenzofuran	ug/L	ND	9.7	9.9	ND	8.3J	42	83	33-123		25	
Diethylphthalate	ug/L	ND	9.7	9.9	ND	10.5	48	99	10-120		100	
Dimethylphthalate	ug/L	ND	9.7	9.9	ND	8.9J	43	90	10-120		183	
Fluoranthene	ug/L	ND	9.7	9.9	ND	10.3	58	104	26-137		66	
Fluorene	ug/L	ND	9.7	9.9	ND	8.5J	44	86	59-121		38	ML
Hexachloro-1,3-butadiene	ug/L	ND	9.7	9.9	ND	6J	31	61	24-120		62	
Hexachlorobenzene	ug/L	ND	9.7	9.9	ND	9.2J	45	93	10-152		55	
Hexachlorocyclopentadiene	ug/L	ND	9.7	9.9	ND	ND	29	51	10-149		25	
Hexachloroethane	ug/L	ND	9.7	9.9	ND	ND	26	55	40-120		52	ML
Indeno(1,2,3-cd)pyrene	ug/L	ND	9.7	9.9	ND	7.8J	55	78	10-171		99	
Isophorone	ug/L	ND	9.7	9.9	ND	7.2J	44	73	21-196		93	
N-Nitroso-di-n-propylamine	ug/L	ND	9.7	9.9	ND	8.3J	58	84	10-230		87	
N-Nitrosodiphenylamine	ug/L	ND	9.7	9.9	ND	9.6J	54	97	10-165		25	
Naphthalene	ug/L	ND	9.7	9.9	ND	6.7J	40	68	21-133		65	
Nitrobenzene	ug/L	ND	9.7	9.9	ND	7.3J	49	74	35-180		62	
Pentachlorophenol	ug/L	ND	9.7	9.9	ND	ND	55	104	14-176		86	
Phenanthrene	ug/L	ND	9.7	9.9	ND	9.5J	49	95	54-120		39	ML
Phenol	ug/L	ND	9.7	9.9	ND	ND	10	17	5-120		64	
Pyrene	ug/L	ND	9.7	9.9	ND	10.7	61	107	52-120		49	
2,4,6-Tribromophenol (S)	%.						44	80	16-155			
2-Fluorobiphenyl (S)	%.						40	70	39-116			
2-Fluorophenol (S)	%.						17	23	10-85			
Nitrobenzene-d5 (S)	%.						49	78	25-154			
Phenol-d6 (S)	%.						11	22	10-73			
Terphenyl-d14 (S)	%.						61	97	10-173			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: Annual Influent 2024
Pace Project No.: 30709280

QC Batch: 691890
QC Batch Method: SM 4500NO3-F-2016
Analysis Method: SM 4500NO3-F-2016
Analysis Description: SM4500NO3-F, Nitrate, Preserved
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30709280005

METHOD BLANK: 3369135 Matrix: Water
Associated Lab Samples: 30709280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.10	08/27/24 07:06	

LABORATORY CONTROL SAMPLE: 3369136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	4	4.3	107	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3369137 3369138

Parameter	Units	30710974002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	3.5	5	5	8.9	8.9	108	108	85-115	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALIFIERS

Project: Annual Influent 2024
Pace Project No.: 30709280

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 3357906

[1] The pH of the VOA vial used for analysis was 7 for 624.

Sample: 3357907

[1] The pH of the VOA vial used for analysis was 7 for 624.

BATCH QUALIFIERS

Batch: 689646

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALIFIERS

Project: Annual Influent 2024
Pace Project No.: 30709280

ANALYTE QUALIFIERS

M5	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Annual Influent 2024
Pace Project No.: 30709280

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30709280005	**Influent Composite**	EPA 200.2	690512	EPA 200.7	690640
30709280005	**Influent Composite**	EPA 200.2	690325	EPA 200.8	690523
30709280005	**Influent Composite**	EPA 245.1	690170	EPA 245.1	690337
30709280004	**Influent Grab**	EPA 218.6	690172		
30709280005	**Influent Composite**	EPA 300.0, Rev 2.1	689829		
30709280005	**Influent Composite**	EPA 300.0, Rev 2.1	690476		
30709280004	**Influent Grab**	EPA 335.4, Rev 1.0	689996	EPA 335.4, Rev 1.0	690401
30709280005	**Influent Composite**	EPA 351.2, Rev 2.0	690494	EPA 351.2, Rev 2.0	690727
30709280004	**Influent Grab**	EPA 420.1	690448	EPA 420.1	690651
30709280005	**Influent Composite**	SM 4500-P-B-11	690834	SM 4500-P-E-11	691005
30709280001	**Influent Grab #1**	EPA 608.3 Dec 2016	690466	EPA 608.3 Dec 2016	690703
30709280002	**Influent Grab #2**	EPA 608.3 Dec 2016	690466	EPA 608.3 Dec 2016	690703
30709280003	**Influent Grab #3**	EPA 608.3 Dec 2016	690466	EPA 608.3 Dec 2016	690703
30709280001	**Influent Grab #1**	EPA 608.3 Dec 2016	690464	EPA 608.3 Dec 2016	690702
30709280002	**Influent Grab #2**	EPA 608.3 Dec 2016	690464	EPA 608.3 Dec 2016	690702
30709280003	**Influent Grab #3**	EPA 608.3 Dec 2016	690464	EPA 608.3 Dec 2016	690702
30709280001	**Influent Grab #1**	EPA 625.1 Dec 2016	689549	EPA 625.1 Dec 2016	689757
30709280002	**Influent Grab #2**	EPA 625.1 Dec 2016	689549	EPA 625.1 Dec 2016	689757
30709280003	**Influent Grab #3**	EPA 625.1 Dec 2016	689549	EPA 625.1 Dec 2016	689757
30709280006	**Trip Blank**	EPA 624.1 Dec 2016	689646		
30709280001	**Influent Grab #1**	EPA 624.1 Dec 2016	689645		
30709280002	**Influent Grab #2**	EPA 624.1 Dec 2016	689645		
30709280003	**Influent Grab #3**	EPA 624.1 Dec 2016	689645		
30709280005	**Influent Composite**	SM 4500NO3-F-2016	691890		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix W[...] ALL SHA[...]

WO#: 30709280

30709280

Company: Town of Amherst	Billing Information:
Address: 448 Industrial Drive. Amherst, Va 24521	
Report To: Mr. Gary Williams	Email To:
Copy To:	Site Collection Info/Address: WWTP Influent
Customer Project Name/Number: Annual Influent 2024	State: VA / County/City: Amherst / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Container Preservative Type **: 3/U, U, O, 4, 2, 1, 1, 2, U, U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other : Cr6 Buffer

Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): TRAVIS LINEBERRY	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature): [signature]	Turnaround Date Required:	Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [X] Yes [ ] No Analysis: Cr6 & Ortho P

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	TTO-624	TTO-608,625	Cr6	Cyanide	Phenolics	200.8 TR Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn, Mercury	Hardness	TKN, NH3, NO2/NO3, Phosphorus	Sulfate	Orthophosphate (Field Filtered)	Lab Sample # / Comments
Influent Grab #1	WW	Grab	8-13-24	0848				10	X	X									~~(Shipped to BBG LSC ANC 8/14/24)~~ N/A ANC 8/14/24
Influent Grab #2	WW	Grab	8-13-24	1709				10	X	X									
Influent Grab #3	WW	Grab	8-14-24	0109				10	X	X									
Influent Grab	WW	Grab	8-13-24	0848				3			X	X	X						
Trip Blank								2	X										
Influent Composite	WW	Comp	8-13-24	0800	8-14-24	0800		4						X	X	X	X	X	X LSC Field Sampling Fee
Preservation Check																			

Lab Profile/Line:
Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y (N) NA
Custody Signatures Present (Y) N NA
Collector Signature Present (Y) N NA
Bottles Intact (Y) N NA
Correct Bottles (Y) N NA
Sufficient Volume (Y) N NA
Samples Received on Ice (Y) N NA
VOA - Headspace Acceptable (Y) N NA
USDA Regulated Soils Y N (NA)
Samples in Holding Time (Y) N NA
Residual Chlorine Present Y (N) NA
Cl Strips: 24D434
Sample pH Acceptable (Y) N NA
pH Strips: 10D2931
Sulfide Present Y N (NA)
Lead Acetate Strips: ____

LAB USE ONLY: JS 8/14/24
Lab Sample # / Comments: From

pH	Temp °C
0848 6.84	21.0
1709 7.50	24.3
0109 7.27	21.8

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): (Y) N NA

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier (Pace Courier)

LAB Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 16
Cooler 1 Temp Upon Receipt: 1.9 °C
Cooler 1 Therm Corr. Factor: -0.7
Cooler 1 Corrected Temp: 1.2 °C
Comments: JS 8/14/24

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
TAL 8-14-24	1600	[signature] 8-14-24	1600	Table #:
[signature] 8-14-24	1813	[signature]	8/14/24 2300	Acctnum: Template: Prelogin:
[signature]	8/15/24 1300	Nicely's Del. Service	8/15/24 1300	PM: PB:

Trip Blank Received: (Y) N NA
(HCl) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 3

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

30709280

Scan QR Code for instructions

Company Name:	Contact/Report To:
Street Address:	Phone #:
	E-Mail:
	Cc E-Mail:
Customer Project #:	Invoice to:
Project Name:	Invoice E-mail:
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET	County / State origin of sample(s):
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other_____	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr; AcctNum / Client ID; Table #; Profile / Template; Prelog / Bottle Ord. ID:

Sample Comment

Preservation non-conformance identified for sample.

Received by Pace Beaver
Therm ID 24 Corr Factor +/- 0
Receipt Temp 3
Corrected Temp 3
Correct Preservation Y / N

Additional Instructions from Pace® :

Collected By:
Printed Name
Signature

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Nicely's Del. Service 8-16-24	0325	8-16-24	0730	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 3 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Town of Amherst
Economic Development Authority

Chairperson Sharon Turner called a meeting of the Town of Amherst Economic Development Authority, formerly Industrial Development Authority, to order on June 3, 2024, at 5:15 p.m. in the Council Chambers of the Town Hall at 174 S. Main Street.

It was noted that a quorum was present as follows:

P	Sharon Turner	A	Steven Jefferson
P	C. Manly Rucker	P	Harold Thomas, Jr.
P	Clifford Hart		Vacant
P	Mark Milhous		

Town Manager Sara E. McGuffin, in her capacity of secretary, and Clerk of Council Vicki K. Hunt were also present.

Mr. Rucker made a motion which was seconded by Mr. Milhous to approve the minutes of the June 3, 2024, meeting. There being no discussion, the motion carried 5-0 as follows:

Sharon Turner	Aye		Steven Jefferson	Absent
C. Manly Rucker	Aye		Harold Thomas	Aye
Clifford Hart	Aye		Vacant	
Mark Milhous	Aye			

Town Manager McGuffin gave a report on changes in the marketplace for industrial parks and requested guidance on how to proceed with plans and the future direction of Brockman Industrial Park.

Broad courses of action presented were:

1. Abandon the industrial park due to competition with other localities, cost, and time;
2. Continue with the present course of action with the hope that new or existing local businesses will have an interest, or that industrial growth will increase causing businesses from further away to have an interest in locating in the industrial park; and
3. Continue to try to invest in the industrial park with grading plans.

After discussion, no action was taken.

Town Manager McGuffin reported that as an Economic Development Authority, the Authority has the ability to act on broader economic activities in the town in addition to the industrial park.

There being no discussion, no action was taken.

Town Manager McGuffin gave a report on additional bike trails in Brockman Industrial Park.

Tim Ware and others from Amherst Mountain Bike Club were present to request that the Town

grant access to additional land for more bike trails. The current trail in the park is limited due to access across Rutledge Creek because of bridge cost; crossing the railroad tracks, and access to the trail.

After discussion, the Authority requested that the Mountain Bike Club prepare and present information detailing the specific areas within the park that the club would like access for additional trails. The matter was deferred.

There being no further business, the meeting adjourned at 6:00 p.m. on motion of Mr. Rucker seconded by Mr. Hart.

The motion carried 5-0 as follows:

Sharon Turner	Aye		Steven Jefferson	Absent
C. Manly Rucker	Aye		Harold Thomas	Aye
Clifford Hart	Aye		Vacant	
Mark Milhous	Aye			

_____
Sharon W. Turner, Chairperson

ATTEST: _____
Secretary

TOWN OF AMHERST

P.O. Box 280 174 S. Main Street Amherst, VA 24521
Phone (434)946-7885 Fax (434)946-2087

To: Town Council

From: Sara McGuffin

Date: September 6, 2024

Re: Speed Limit Reductions

Process for Considering Speed Limit Reductions

1. **Citizen-Initiated Request**
    - **Submit Concern**: A citizen or group of residents can submit a formal request to the Town Manager outlining their concerns about speeding or road safety on specific streets.
    - **Initial Review**: The Chief of Police will evaluate the proposed street for speed reduction, using data available from the Police Department and VDOT. This information will be forwarded to the Council.
2. **Council Consideration:** Following the investigation by the Police Chief, the Council will consider if they would like to proceed with the process for speed reduction on the proposed street. If Council would like to proceed, the process continues. However, if Council declines to proceed, the process stops at this point.
3. **Engineering Investigation**
    - At the Council's request, an engineering investigation will be conducted by the Town Engineer on the proposed street. This will be forwarded to the Council for their information.
    - The investigation will also be forwarded to VDOT for their information.
4. **Council Consideration of Engineering Investigation**
    - At the next Council meeting, the engineering investigation report will be brought to the Council. Should the Council wish to proceed with the speed reduction, the community consultation process will begin.

5. **Community Consultation**
    - **Public Input**: Staff will notify property owners on the proposed street of the possible speed reduction by mail.
    - **Facebook and Web Page:** Information about the proposed speed reduction will be advertised on the Town's Facebook page and website.
    - **Stakeholder Engagement**: Consult with schools, businesses, and emergency services to understand potential impacts of speed reductions on local safety and services.
    - **VDOT Notification**: Staff will notify VDOT of the proposed reduction.
6. **Council Deliberation and Public Comment**
    - Review engineering investigation and citizen comments at the next Council meeting.
    - Allow public comment for further input from residents before making a final decision.
7. **Implementation and Monitoring**
    - If approved, update signage, notify VDOT, inform the public, and coordinate with law enforcement for enforcement of the new limits.

ENGINEERS
SURVEYORS
PLANNERS
ASSOCIATES

September 5, 2024

Mrs. Sarah McGuffin
Town Manager
Town of Amherst
174 S. Main Street
P. O. Box 280
Amherst, VA 24521

Re: Macadam Rd. Traffic Engineering Investigation

Dear Mrs. McGuffin:

This letter report will serve as the traffic engineering investigation for Macadam Road located within the Town of Amherst. Recent amendments to the Code of Virginia have granted localities the authority to modify the speed limits within their jurisdiction. The code amendments require that a traffic engineering investigation be conducted to support the modifications to the existing speed limit.

Background

The Virginia General Assembly approved amendments to sections 46.2-878 and 46.2-1300 of the Code of Virginia on May 17th, 2024. The amendments to the code give governing bodies of counties, cities, and towns the authority to increase or decrease the currently established speed limits in business or residential districts within their jurisdiction. The new speed limits shall become effective only when prescribed after a traffic engineering investigation and clearly indicated by markers or signs. The amendments to the code became effective as of July 1st, 2024.

The Town of Amherst has requested that WW Associates perform a traffic engineering investigation on Macadam Road (Route 660). Macadam Road is a two-lane roadway in the Town of Amherst and is approximately 0.5 miles long. The road extends from South Main Street to the junior parking lot for the Amherst County High School.

A current construction project at the Amherst County High School has necessitated the use of Macadam Road as the primary route for students and parents to the school. The Town of Amherst and the Amherst Police Department have expressed concerns over the safety of the roadway due to blind curves, blind hills, and the narrow pavement width available in some areas. The increased traffic on the roadway due to the construction has compounded these concerns.

The currently posted speed limit for the Macadam Road is 35mph. The Town has expressed that they would like to reduce the speed limit to 25mph to help alleviate the safety concerns on the prescribed roadway. Photographs illustrating the existing road conditions are provided at the end of this report.

Engineering Investigation

A site visit was performed by John Beirne, P.E., of WW Associates, on August 27th, 2024 to assess the existing conditions of Macadam Road and determine how they compare to current VDOT design standards. The VDOT geometric design standards for urban local streets (GS-8) was utilized for the purpose of this comparison. The VDOT GS-8 design standard shows a minimum road width of 20 feet and allows for a reduction to 18 feet based on right-of-way limitations for local roads. The existing road width for Macadam Road is 20 feet wide for approximately the first 0.25 miles from the intersection with South Main Street. The road width begins to narrow beyond this point to a width of 14.5 feet at the entrance to the junior parking lot for the Amherst County High School. The narrow road width on this segment requires vehicles to drive on the shoulder to accommodate oncoming traffic.

There are three horizontal curves with limited visibility along Macadam Road where drivers cannot see oncoming vehicles due to the centerline radius of the roadway in conjunction with the existing vegetation. An analysis of the horizontal alignment indicates that the centerline radius of the existing curves is approximately 200 to 220 feet. The recommended centerline radius by VDOT for local roads with a 30mph design speed is 251 feet. The minimum centerline radius is reduced to 155 feet for a design speed of 25mph. Lowering the speed limit to 25mph would bring the centerline radius of the existing road into compliance with the current minimum VDOT standards for urban local roads. In addition, there are two crests located on Macadam Road with limited visibility to oncoming traffic. An analysis of the existing road profile was not conducted with this report to determine how the crests on the road compare to current VDOT standards.

The most recently published VDOT traffic data for Macadam Road (Route 660) shows that the average daily traffic at the time of the traffic study was 40 vehicles per day (VPD). The VDOT traffic study was conducted prior to the school traffic being rerouted to Macadam Road to accommodate construction. School officials have indicated that the traffic on Macadam Road has increased since the time of the VDOT study to approximately 500 to 600 vehicles during morning and afternoon drop off times with an additional increase in traffic during festivals and sporting events.

Conclusions & Recommendations

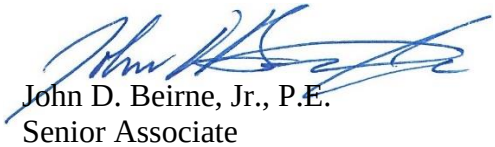
The traffic engineering analysis for Macadam Road was conducted by WW Associates to address traffic safety concerns posed by the Town of Amherst and the Amherst Police Department. It was determined that the existing centerline radius for Macadam Road does not meet the VDOT minimum standards for urban local roads with the currently posted speed limit of 35mph in multiple locations. Based upon the analysis of the road geometry and the significant increase in traffic on the existing road it is recommended that the speed limit on Macadam Road be reduced to 25mph.

The reduction in speed will bring the centerline radius of the existing road into compliance with the current minimum VDOT standards for urban local roads. The lower speed limit will allow drivers more reaction time to accommodate oncoming traffic in the areas with limited visibility and provide for increased safety. The new speed limit shall be clearly posted by markers or signs in accordance with section 46.2-1300 of the Code of Virginia.

We appreciate the opportunity to be of service to you on this project. If you have any questions, or if we can be of further assistance in any manner, please feel free to call.

Sincerely,

WW Associates, Inc.



John D. Beirne, Jr., P.E.
Senior Associate

Figure 1 - Curve w/ Limited Visibility @ South Main St Intersection

Figure 2- 20' Wide Roadway Ahead of Crest W/Limited Visibility

Figure 3 - 14.5' Wide Road Section @ School Entrance

Figure 4 - Curve W/Limited Visibility Exiting School

TOWN OF AMHERST

BUDGET CALENDAR FOR FY 2025-2026

December 2024 – Treasurer prepares budget worksheets for department heads and mails out donation request forms to local organizations.

January 31, 2025– Deadline for budget requests from department heads and local organizations.

February 7, 2025 – Treasurer presents prepared budget documents to Town Manager for recommendations.

March 12, 2025- Council, Town Manager and Treasurer will meet prior to regular Council Meeting to go over Town Manager proposed FY25 Budget.

March 17-21, 2025 – Town Council meets with Treasurer and Town Manager to review budget documents and recommendations.

April 9, 2025 – Public hearing of FY25 budget at regular Council meeting.

May 7, 2025 – Adoption and appropriation of FY25 budget at regular Council meeting.

CAPITAL IMPROVEMENTS PLAN FY 2025-2026

October 2024 – Treasurer sends out CIP requests documents to department heads.

November 15, 2024 – Department heads submit CIP requests to Treasurer.

December 2024 – Department heads and Town Manager meet to discuss CIP requests.

January 2025 – Town Manager Presents CIP recommendations to Planning Commission.

March 5, 2025 – Planning Commission public hearing on CIP requests.

April 9, 2025 – Council public hearing on CIP requests.

May 7, 2025 – Council adopts Capital Improvements Plan.

TOWN OF AMHERST

P.O. Box 280 174 S. Main Street Amherst, VA 24521
Phone (434)946-7885 Fax (434)946-2087

To: Town Council

From: Sara McGuffin

Date: September 6, 2024

Re: Appropriation for Sunset Drive Waterline

In February, the Town received an award from VDH for grant funding of a replacement water line for Sunset Drive. This replacement would allow the Town to upgrade fire suppression, pressure, and volume on the line.

The total award is $1,304,576. Money is set aside in the award for engineering, construction administration, administration/legal, and right of way. The amount in the award for construction is $1,163,576.

The low bid for the project is $1,359,541. While we do have the ability to exclude one segment of the project (Sunset Heights) staff does not recommend doing so, as the line is undersized and should have additional fire protection.

If the Town uses the money in the grant that is set aside for administration and right of way for construction, the remaining unmet amount for construction is $173,962. Mr. White is reaching out the VDH to determine if they are willing to allocate additional funds to meet this need If they are not willing to do so, staff recommends spending from the fund balance to complete this project.

Staff recommends appropriating $173,962 from the water fund balance, to be used if Mr. White is unable to obtain additional funds from VDH.

ENGINEERS
SURVEYORS
PLANNERS
ASSOCIATES

September 5, 2024

Sara E. McGuffin
Town Manager
Town of Amherst
PO Box 280
Amherst, Virginia 24521

Re: Town of Amherst Sunset Drive Waterline Improvements
WWA Project No. 223013.01

Dear Mrs. McGuffin:

Three bids were received on the referenced project on September 4, 2024 at 2:00 P.M. and publicly opened. A copy of the bid tabulation is enclosed for your records. Atkins Excavating, Inc. was the apparent low bidder in the lump sum amount of $1,359,541.00.

Based on our review of the bid documentation, and our knowledge and working relationship with Atkins Excavating, Inc., we recommend awarding the project to Atkins Excavating for the lump sum amount of $ 1,359,541.00, contingent upon funding availability.

Bid documentation is enclosed for your review. We are available to administer this contract upon your authorization. Should you have any questions, please feel free to call.

Sincerely,

WW Associates, Inc.

Herbert F. White III, P.E.
President

Enclosures: Bid Tabulation, Bid Documentation

Bid Tabulation

Client: Town of Amherst, VA

Project Name: SUNSET DRIVE WATER LINE IMPROVEMENTS

WW Associates Project No. 223013.01

Bid Opening Date: Wednesday, September 4, 2024 at 2:00 PM

#	Contractor	Contractor License No.	Bid Bond	Add No. 1 8/5/24	Add No. 2 8/23/24	Base Bid Item 1	Base Bid Item 2	Base Bid
1.	Atkins Excavating, Inc.	2705-020707A	X	X	X	$1,231,641.00	$127,900.00	$1,359,541.00
2.	D&R Contractors, LLC	2705-057101A	X	X	X	$2,090,226.00	$257,664.00	$2,347,890.00
3.	Toney Construction	2705-104628A	X	X	X	$1,378,000.00	$148,000.00	$1,526,000.00
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								

Contractor Atkins Excavating, Inc. Date 9/3/2024

VA License No. 2705020707A

Section 01300
Bid Form

Gentlemen:

The undersigned, having visited and examined the site and having carefully studied the drawings and project manual for the Sunset Drive Waterline Improvements for the Town of Amherst, Virginia, hereby proposes to furnish all plant, labor, equipment, materials, and services and to perform all operations necessary to execute and complete the work required for the project, in strict accordance with the drawings and technical specifications prepared by WW Associates, Engineers • Surveyors • Planners, dated February 1, 2024, together with addenda numbered ____, issued during bidding period and hereby acknowledged, subject to the terms and conditions of the agreement as follows:

Base Bid Item No. 1 defined as all work associated with the 8-inch water line, water service laterals, and related appurtenances from Station 10+00.00 (Sunset Drive) to Station 70+80.00 (Sunset Drive) for the sum of: One Million, Two Hundred Thirty-One Thousand, Six Hundred Forty-One Dollars ($1,231,641.00 + no cents).

Base Bid Item No. 2 defined as all work associated with the 8-inch water line, water service laterals, and related apprutenances from Station 10+00.00 (Sunset Heights) to Station 17+63.00 (Sunset Heights) for the sum of: One Hundred Twenty-Seven Thousand, Nine Hundred Dollars ($127,900.00 + no cents).

Total Base Bid (Items No. 1 and No. 2) for the sum of: One Million, Three Hundred Fifty-Nine Thousand, Five Hundred Forty-One **Dollars** ($1,359,541.00 + no cents).

Notes:

1) The Basis of award for determining the low bidder is the Total Base Bid (Items No. 1 and No. 2).
2) The Bid Items are founded upon furnishing equipment and materials of specified manufacturers or approved equals.
3) The Contractor is advised to refer to the Lines and Grades paragraph in Section 01400 – General Requirements for bidding instructions on construction stakeout services.
4) It is understood and agreed that the Owner, in protecting his best interest, reserves the right to:
   a) Reject any or all bids,
   b) Accept any bid item at the base bid price, or any combination of the bid items, whereupon the Contractor shall furnish equipment and materials as specified.

Contractor Atkins Excavating Inc. Date 9/3/24

VA License No. 2705020707A

We are properly equipped to execute work as defined in the contract documents and so covered by this bid and will enter into agreement for the execution and completion of the work in accordance with the drawings, project manual, and this bid. We further agree that if awarded the contract, we will commence the work on the date stated in the "Notice to Contractor to Proceed," and will prosecute the work and shall be substantially complete as defined in the general conditions within 360 calendar days and complete all obligations within 390 calendar days.

The Owner and Contractor recognize that time is of the essence with this agreement and that the Owner will suffer financial loss if the work is not completed within 360 calendar days for all work associated with this project. They also recognize the delays, expense, and difficulties involved in proving the actual loss suffered by the Owner if the work is not completed on time. Accordingly, instead of requiring any such proof, the Owner and Contractor therefore agree that, as liquidated damages for delay (but not as a penalty), the Contractor shall pay the Owner one thousand dollars ($1,000.00) for each day that expires after the time specified for substantial completion of this project.

Enclosed herewith is the following security, offered as evidence that the undersigned will enter into agreement for the execution and completion of the work in accordance with the drawings and project manual:

Certified check for the sum of _____

Name of bank _____

Bidder's bond in amount of 5% ($67,977.05)

Bond issued by Nationwide Mutual Insurance Co.

The undersigned further agrees that in case of failure on his part to execute the said agreement within 10 consecutive calendar days after written notice being given on the award of the contract, the monies payable by the securities accompanying this bid shall be paid to the Town of Amherst as liquidated damages for such failure; otherwise, the securities accompanying this bid shall be returned to the undersigned.

The Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, coercive practices or otherwise taken any action in the restraint of free and competitive bidding.

This bid is subject to acceptance within a period of 90 days from bid submission date.

Respectfully Submitted,

Atkins Excavating Inc.

Contractor

By Crystal Marcum

Contractor Atkins Excavating, Inc. Date 9/3/2024

VA License No. 2705020707A

PO Box 307
Greenville Va 24440
Address

(540)569-0068
Telephone

Date 9/3/2024

Contractor's Current Virginia
License Number 2705020707A Code HH

End of Section

Section 01612
Anti-Collusion Statement

I hereby certify that this bid is not the result of, or affected by, any act of collusion with another person engaged in the same line of business, or any act of fraud punishable under the Virginia Governmental Frauds Act.

Certified by: Crystal Marcum (Corporate Seal)
Signature

Acknowledges before me this 4th day of September, 2024.

Virginia T. Buchanan
Notary Public

VIRGINIA LOUISE TRUE BUCHANAN
NOTARY PUBLIC
COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES NOV. 30, 2025
COMMISSION # 7719256

BIDDER COMPLIANCE STATEMENT/CERTIFICATION
REGARDING EQUAL EMPLOYMENT OPPORTUNITY

Applicability: Bid exceeding ten thousand dollars for construction contract/subcontract of unlimited amount and non-construction contract/subcontract of less than one million dollars.

This statement relates to a proposed contract between Town of Amherst (Public Body) and Atkins Excavating, Inc. (Contractor)

or (subcontract) between _____ (Contractor) and _____ (Sub-contractor)

to be funded under a federally assisted project. Pursuant to Executive Order 11246 and its implementing regulations at 41 CFR 60-1.7 (b) (1), as the undersigned bidder; I certify that:

1) Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause. ✓ Yes _____ No

2) Bidder has developed and has on file at each establishment affirmative action programs pursuant to 41 CFR 60-2 (applies only to non-construction contractor). ✓ Yes _____ No

3) Bidder has filed with the Joint Reporting Committee, the Director (Office of Federal Contract Compliance Programs, U.S. Department of Labor), and agency, or the Equal Employment Opportunity Commission, all reports due under the applicable filing requirements.
✓ Yes _____ No

I understand that if I have failed to file any compliance reports which have been required of me or have failed to develop and have on file at each establishment affirmative action programs pursuant to 41 CFR 60-2, when required, I am not eligible to have my bid or proposal considered, or to enter into the proposed contract.

I further understand that if awarded the proposed contract, and the contract for the FIRST time brings me under the filing requirements or the written affirmative action programs that I will, as applicable: (a) within 30 days file with the Public Body Standard Form 100 (EEO-1); and (b) within 120 days from the commencement of the contract develop and submit to the Director of OFCCP for approval a Written Affirmative Action Plan.

NAME AND ADDRESS OF BIDDER (Include ZIP Code): Atkins Excavating, Inc.
PO Box 307
Greenville, Va. 24440

NAME AND TITLE OF SIGNER (Please Type):

Crystal Marcum/Treasurer

SIGNATURE: Crystal Marcum

DATE: 9/3/2024

BID BOND (PENAL SUM FORM)

Bidder	**Surety**
Name: Atkins Excavating, Inc. Address *(principal place of business)*: 1246 McClures Mill Rd. Greenville, VA 24440	Name: Nationwide Mutual Insurance Company Address *(principal place of business)*: One West Nationwide Blvd., 1-14-301 Columbus, OH 43215-2220
Owner	**Bid**
Name: Town of Amherst Address *(principal place of business)*: 174 South Main Street, P. O. 280 Amherst, VA 24521	Project *(name and location)*: Sunset Drive Waterline Improvements Bid Due Date: September 4, 2024

Bond

Penal Sum: 5% Five Percent of Amount Bid

Date of Bond: September 4, 2024

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth in this Bid Bond, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

Bidder	Surety
Atkins Excavating, Inc. *(Full formal name of Bidder)*	Nationwide Mutual Insurance Company *(Full formal name of Surety) (corporate seal)*
By: Crystal Marcum *(Signature)*	By: Elizabeth A. Dyer *(Signature) (Attach Power of Attorney)*
Name: Crystal Marcum *(Printed or typed)*	Name: Elizabeth A. Dyer *(Printed or typed)*
Title: Treasurer	Title: Attorney-In-Fact
Attest: Donna Atkins *(Signature)*	Attest: Kyle A. Campbell *(Signature)*
Name: Donna Atkins *(Printed or typed)*	Name: Kyle A. Campbell *(Printed or typed)*
Title: President	Title: Surety Witness

Notes: (1) Note: Addresses are to be used for giving any required notice. (2) Provide execution by any additional parties, such as joint venturers, if necessary.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond will be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder occurs upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation will be null and void if:
   3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
   3.2. All Bids are rejected by Owner, or
   3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions does not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
6. No suit or action will be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety, and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond will be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder must be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Postal Service registered or certified mail, return receipt requested, postage pre-paid, and will be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond will be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute governs and the remainder of this Bond that is not in conflict therewith continues in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint:

Elizabeth A. Dyer

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

Surety Bond Number: Bid Bond
Principal: Atkins Excavating, Inc.
Obligee: Town of Amherst

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 1st day of April, 2024.

Antonio C. Albanese, **Vice President** of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK COUNTY OF KINGS: ss
On this 1st day of April, 2024, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.

Sharon Leburda
Notary Public, State of New York
No. 01LA6427697
Qualified in Kings County
Commission Expires January 3, 2026

Notary Public
My Commission Expires
January 3, 2026

CERTIFICATE

I, Lezlie F. Chimienti, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 4th day of September, 2024.

Assistant Secretary

BDJ 1(04-24)00

TOWN OF AMHERST

P.O. Box 280 174 S. Main Street Amherst, VA 24521
Phone (434)946-7885 Fax (434)946-2087

To: Town Council

From: Sara McGuffin

Date: September 6, 2024

Re: Appropriation for Sludge Removal

In 2022, Council decided to use the majority of the Town's ARPA money to construct a sludge dewatering device at the Wastewater Treatment Plant (WWTP). The construction of the building and installation of the centrifuge has been completed for a few months.

The Town was initially unable to begin operation of the centrifuge, as the percentage of solids in the WWTP digesters was too high for proper functioning of the centrifuge. These high solids percentages were due to the previous method that the Town used for sludge dewatering- drying beds. With drying beds, staff works to have a high percentage of solids so that the drying time is reduced. With a centrifuge, the solids percentage is low, as the spinning mechanism cannot occur with the weight of high solids.

Staff reached out to Council to request permission to expend funds from the wastewater reserves so that the digesters could be emptied of the existing solids by hauling the waste to the City of Lynchburg WWTP. Council directed staff to proceed with the work so that the centrifuge could begin operation. One digester is now being used with the centrifuge and the second is currently being emptied to begin operation.

Staff requests that Council appropriate $100,000 from the wastewater fund balance to cover these expenditures. Because this is a large unanticipated expense, staff expects that there will need to be a budget amendment in the spring.

MEMO:

To: **Town Council**

From: Gary Williams, Director of Plants -GSW

Cc: Sara McGuffin, Town Manager

Tracie Morgan, Deputy Manager

Gary Smith, Plants Maintenance Supervisor

Date: August 28, 2024

Re: Property Security Fencing Appropriation

This memo is to request an appropriation of $10,864.00 to contract with RR Mann Fencing Co, Inc. to:

1.) Installation of two-hundred forty feet of chain-linked fencing at six feet high with three strands of barbed wire along the top. With accessories for one four-foot walk-through gate and one fourteen-foot drive-through gate.
2.) To take down all existing fencing/gates and haul away.

As Council will recall, an act of vandalism occurred during the upgrade of the Towns' water treatment facilities. At that time, a three-plank security plan was offered/initiated. First, the river station skylights, due to change out, were replaced with steel hatchways. The second was the installation of new security fencing, which this appropriation request will take care of. The third plank will be the installation of security cameras with front and rear building surveillance. Cameras are currently being reviewed to determine what will best serve the town's needs.

Three fencing companies were invited to submit quotes, with RR Mann Fencing Co, Inc. being the lowest bid at $10,864.00. Also biding were Garber-Lowe Fence Co., Inc. at $11,831.00 and Lynchburg Fence and Railing Co. at $15,120.00. All three quotes are attached to the request.

Please let me know if you have any questions.

Town of Amherst – Department of Plants

Tel 434-946-5769
Fax 434-946-2087

P.O. Box 280
Amherst, Virginia 24521

RR MANN FENCING CO INC

ESTIMATE

PHONE 434-525-6266 LYNCHBURG
EMAIL: SALES@RRMANNFENCING.COM

R R MANN FENCING CO INC, HEREBY AGREES TO ERECT A FENCE ON THE PROPERTY OF

Town of Amherst

C/O Gary Smith gary.smith@amherstva.gov

PHONE 434-665-0604

ACCORDING TO THE FOLLOWING DESIGN AND SPECIFICATIONS AND AT THE PRICE AND TERMS SET OUT AS FOLLOWS:

Revised

CONTRACT PRICE	DOWN PAYMENT	DUE ON COMPLETION
$ 10,864.00	$ ½	$ ½

TYPE	OVERALL HEIGHT	MESH & GAUGE OF WIRE	OUTSIDE DIAMETER CORNERS	OUTSIDE DIAMETER LINE POST	OUTSIDE DIAMETER RAIL
6FT Chain link Plus Barbed wire	9		2½	2"	1⅝

1- 4FT walk Gate 1- 14FT Double Drive Gate

ANY ALTERATIONS OR CHANGES FROM THIS CONTRACT WILL RESULT IN A CHANGE OF PRICE. PRIVATE PROPERTY UTILITY LINES ARE THE RESPONSIBILITY OF THE CUSTOMER.

(1) Install 240 FT total 6FT chain link plus barbed wire
1- 4FT walk Gate 1- 14FT Double Drive Gate

(2) Take down existing fence and haul Away

* Note - Customer to clear hillside And All brush for clear path to install fence

DATE 7-22-24 SIGNATURE Ricky Mann
R R Mann Fencing

CUSTOMER SIGNATURE _____

Garber-Lowe Fence Co. Inc.
340 Alleghany Ave
Lynchburg, VA 24502

Office: (434) 847-5649
Cell: (434) 610-3504
robert@garberlowe.com

Amherst County

July 24, 2024

gary.smith@amherstva.gov

Quote

Remove 240 ft. of wood fence and haul away.

Install: 240 ft. of Galvanized Chain link fence around the enclosure site.

- 6 ft. tall wire, 9 gage commercial wire
- 3 strands of barb wire
- 3" sch40 Commercial grade Corner and end posts
- 2-1/2" sch40 Commercial grade Line posts
- 1-5/8" ss20 commercial grade top and brace rail
- All posts set in concrete.

Gates: 1 ea. 4 ft. Single gate (located in the center of the front fence line.
1 ea. 14 ft. Double gate (swings off of the left side corner post)

- 4" sch40 gate posts on the double gate
- 3" sch40 gate posts on the single gate
- 2" ss20 welded gate frames.
- Commercial hinges and latches.

Total 6 ft. tall Quote: $ 11,831.00

(Sign to accept quote)

Note: Fence removal is included at $ 1,424.00
Amherst can remove themselves if they desire.

Gary Smith, Jr.

From: Lynchburg Fence & Railing Co. <lynchburgfence@gmail.com>
Sent: Tuesday, July 16, 2024 8:40 AM
To: Gary Smith, Jr.
Subject: Fence quote

Good morning Gary. Here's what we spoke about:

240' of 6+1 Galvo chain link fence (commercial spec), 3 rows of barbed wire, one 12' double gate and 1-4' walk gate supplied and installed. Top rail, bottom tension wire, all posts set in concrete..... $15,120. We're 6 weeks out, and it would be a 2 day job. Let me know.

Cory Bracci- Sales Manager

Lynchburg Fence and Railing Co, LLC
100 Oakley Avenue
Lynchburg, VA 24501
Phone: 434-386-0444

May 1, 2024

Ms. Sara McGuffin
Town Manager
Town of Amherst
174 S. Main Street
Amherst, Virginia 24521

RE: Proposal for Professional Planning Services
Main Street Corridor Improvements
Town of Amherst, Virginia

Dear Ms. McGuffin:

McGill Associates is pleased to provide you with this proposal for professional Services for the above referenced project. The intent of this planning effort will be to develop a concept plan for the Main Street corridor from Court Street to 2nd Street. The primary focus for this initiative is to evaluate viable alternatives for streetscape improvements that would enhance downtown and improve pedestrian facilities. In addition, the study would consider opportunities for public open space and corridor enhancements to create an integrated design which provides pedestrian connectivity that will complement the downtown core. We anticipate the following scope of services.

Scope of Services

Project Management

1. Coordinate with Town Staff to review and finalize project objectives and a concise project scope and schedule.
2. Meet with the Owner to gather initial data, relevant information, and determine the technical requirements for the project.

Current Conditions and Needs Assessment:

1. Identify relevant site design parameters and project objectives with Town Staff.
2. Conduct an on-site investigation of the subject project area to determine the site parameters, and the location of existing site features.
3. McGill will use the GIS information and aerial photography provided by the Owner to develop a base map for the project and to show proposed improvements.
4. Inventory existing street conditions (characteristics of existing conditions, existing street geometry, sidewalk widths, landscaping, parking, opportunities/possibilities for improvements).
5. Prepare photographic documentation of current conditions.
6. Coordinate with Town Staff regarding the potential opportunities and improvements.

Goals and Recommendations

Based upon the corridor assessment, develop up to three (3) design scenarios of the corridor that meet the following objectives.

- Improves bicycle/pedestrian connectivity and safety.
- Provides traffic calming measures.
- Evaluate downtown parking and public space opportunities within the project area.
- Creates an attractive street environment that will encourage pedestrians to utilize the downtown corridor.

1. Prepare a preliminary color graphic rendering for each scenario and review with Town Staff for comments.
2. Develop an estimate of probable cost
3. Revise graphic renderings based on review comments from Town Staff
4. Prepare final presentation and submit to Town Staff.

Implementation

1. Develop preliminary costs for each of the proposed design scenarios that would include the following:
   a. Develop an opinion of probable construction cost for the proposed improvements.
   b. Develop costs for Preliminary Engineering and Construction Phase Services

Deliverables

- Two (2) Plan Graphic Renderings of the Corridor Plan
- Two (2) Photographic Visualization Rendering
- Opinion of Probable Construction Cost

Compensation

Based on our understanding of the project, we propose to provide the Scope of Services detailed in this proposal for the **lump sum fee of $11,400.00** in accordance with our Basic Fee Schedule, inclusive of all reimbursable expenditures.

Our estimated fees do not include provisions for final design services, geotechnical services, or legal fees; and are specifically limited to the above-defined scope of services relating to the strategic planning effort for accomplishing the streetscape improvements within the timing and financial goals of the Town.

Additional Services

1. Providing services of professional consultants for items of work other than those described above.

2. Changes to the proposed project limits which occur after McGill has completed preliminary design will be considered additional services. McGill can coordinate these additional services as needed.

Owner's Responsibilities

1. The Owner shall provide full information regarding the project location for the graphic rendering.
2. The Owner shall designate a representative for the Project. The Owner or his representative shall examine documents submitted by McGill and shall render decisions needed, avoiding unreasonable delay in the progress of McGill's work.

We appreciate the opportunity to provide this proposal to the Town of Amherst and prepared to begin work immediately to meet the Town's schedule. If this proposal is acceptable, please sign and return one (1) copy of this proposal to our office.

As always, if you have any questions regarding this proposal, please do not hesitate to contact me. We look forward to working with you and Town Staff on this project.

Sincerely:
McGILL ASSOCIATES, PA

WES FLEMING, PE
ROANOKE OFFICE MANAGER

Attachments: Basic Fee Schedule

AUTHORIZATION TO PROCEED:
This proposal for professional planning services is executed as Authorization to Proceed:

Executed this _____ day of _____, 2024.

_____

SARA MCGUFFIN, TOWN MANAGER, TOWN OF AMHERST

ATTACHMENT A - STANDARD HOURLY RATE AND FEE SCHEDULE

January 2024

PROFESSIONAL FEES	I	II	III	IV
Senior Principal	$295			
Principal – Regional Manager – Director	$250	$255	$270	$285
Practice Area Lead	$215	$240	$250	$265
Senior Project Manager	$220	$240	$245	$250
Senior Engineer	$220	$240	$245	$250
Project Manager	$190	$210	$215	$220
Senior Project Engineer	$190	$210	$215	$220
Project Engineer	$155	$165	$175	$185
Engineering Associate	$130	$135	$140	$145
Planner- Consultant – Designer	$130	$150	$175	$185
Engineering Technician	$120	$130	$145	$155
CAD Operator – GIS Analyst	$100	$110	$120	$130
Construction Services Manager	$160	$170	$180	$205
Construction Administrator	$125	$140	$150	$160
Financial Services Manager	$145	$155	$165	$175
Grant Administrator	$125	$145	$155	$165
Construction Field Representative	$100	$115	$125	$140
Environmental Specialist	$100	$110	$115	$120
Administrative Assistant	$85	$90	$100	$115
Survey Party Chief	$100	$115	$130	$150
Survey Field Technician	$85	$90	$95	$100

EXPENSES

a. Mileage - $0.70/mile
b. Flow Monitoring Equipment: Pressure Flow Meter- $400/wk.; Gravity Flow Meter - $1,000/deployment
c. Robotics/GPS Equipment: $30/hr.
d. Telephone, reproduction, postage, lodging, and other incidentals shall be a direct charge per receipt.

ASSOCIATED SERVICES

a. Associated services required by the project such as soil analysis, materials testing, etc., shall be at cost plus fifteen (15) percent.

June 7, 2024

Ms. Sara McGuffin
Town Manager
Town of Amherst
174 S. Main Street
Amherst, Virginia 24521

RE: Proposal for Professional Planning Services
Main Street Enhancement Study
Town of Amherst, Virginia

Dear Ms. McGuffin:

McGill Associates is pleased to provide you with this proposal to provide professional services for the above-referenced project. The intent of this planning effort will be to perform a feasibility study for enhancement at eleven (11) locations along North Main Street and South Main Street entering into the Town limits. The primary focus for this effort is to evaluate viable alternatives for street medians to provide visual improvements along this corridor. The primary objectives of the effort will be to provide corridor enhancement and traffic calming along the corridor.

We anticipate the following scope of services for the project outlined above:

Scope of Services

Project Management

1. Kick-Off Meeting:
   The project will kick off with a meeting of the McGill and the Town Staff to review and refine the proposed scope of services. At this time, we will confirm project goals and deliverables, and reach a consensus on a project schedule, including milestones and the structure of any required meetings.

Current Conditions and Needs Assessment:

1. Meet with the Owner to gather initial data, relevant information, and determine the technical requirements for the project.
2. Identify relevant site design parameters and project objectives with Town Staff.
3. Conduct an on-site investigation of the subject project area to determine the site parameters, and the location of existing site features.
4. McGill will use the GIS information and aerial photography provided by the Owner to develop a base map for the project and to show proposed improvements.
5. Prepare photographic documentation of current conditions.
6. Coordinate with Town Staff regarding the potential opportunities and improvements.
7. Coordinate with the Virginia Department of Transportation (VDOT) regarding existing conditions, regulations, and proposed roadway modifications.

Goals and Recommendations
Based upon the current conditions and needs assessment and discussions with Town staff and VDOT, McGill will develop a conceptual design plan for the project area which will include locations of roadway medians.

1. Prepare a site plan showing proposed locations of road islands.
2. Develop a graphic rendering of a typical road island and landscaping to provide a proposed visual representation of the proposed improvements.
3. Develop an estimate of probable cost for construction of the proposed improvements.
4. Prepare final presentation and submit to Town Staff for review.

Deliverables
- A concept plan of these portions of Main Street showing proposed roadway improvements.
- A graphic rendering of the concept plan
- Opinion of Probable Design Engineering and Construction Cost.

Compensation
Based on our understanding of the project, we propose to provide the Scope of Services detailed in this proposal for the lump sum fee of **$15,800.00**, inclusive of reimbursable expenditures.

Our estimated fees do not include provisions for final design services, traffic studies, geotechnical services, or legal fees; and are specifically limited to the above-defined scope of services relating to the strategic planning effort for accomplishing the Main Street improvements within the timing and financial goals of the Town.

Additional Services
1. Providing services of professional consultants for items of work other than those described above.
2. Changes to the proposed project limits which occur after McGill has completed the feasibility study will be considered additional services. McGill can coordinate these additional services as needed.

Owner's Responsibilities
1. The Owner shall provide full information regarding the project location.
2. The Owner shall designate a representative for the Project. The Owner or his representative shall examine documents submitted by McGill and shall render decisions needed, avoiding unreasonable delay in the progress of McGill's work.

We appreciate the opportunity to provide this proposal to the Town of Amherst and we are prepared to begin work immediately to meet the Town's schedule. If this proposal is acceptable, please sign and return one (1) copy of this proposal and the attached consulting services agreement to our office.

As always, if you have any questions regarding this proposal, please do not hesitate to contact me. We look forward to working with you and Town Staff on this project.

Sincerely:
McGILL ASSOCIATES, PA

WES FLEMING, PE
ROANOKE OFFICE MANAGER

Attachments: Basic Fee Schedule
Consulting Services Agreement

AUTHORIZATION TO PROCEED:
This proposal for professional planning services is executed as Authorization to Proceed:

Executed this _____ day of _____, 2024.

_____

SARA MCGUFFIN, TOWN MANAGER, TOWN OF AMHERST

TOWN OF AMHERST
APPLICATION FOR APPOINTMENT TO STANDING BOARDS, COMMISSIONS, AND AUTHORITIES

The following biographical information has been requested by the Amherst Town Council on each nominee for Council appointment. When completed, please return to: Town of Amherst, Attn: Clerk of the Council, P.O. Box 280, 186 South Main Street, Amherst, VA 24521.

Authority, Board, or Commission (check all you wish to apply for):

- ☐ Planning Commission
- ☐ Board of Zoning Appeals
- ☑ Economic Development Authority
- ☐ Property Maintenance Investigation Board
- ☐ Town/Sweet Briar Sewer Use Advisory Commission

Full Legal Name: Jaynéne Stewart Casey

Mailing Address: 567 South Main Street Amherst, Va 24521

Home Address: 578 South Main Street Amherst, Va 24521

E-mail Address: Jcamherst567@gmail.com

Phone No: Office 434-841-7343 Work: 434-946-7273

Length of time at present address: 11yrs

Are you over the age of 18? Yes

Employer Name: Hair Gallery Address: 567 South Main Street

Current employment position: owner/operator

List specific information which might qualify you for this appointment:

See attachment

Why are you interested in serving as a member of this authority, board or commission?:

See attachment

Jaynéne S Casey
Signature of Applicant

August 21st, 2024
Date

List specific information which might qualify you for this appointment:

As the commercial property owner of 567 South Main Street, I have owned/operated and managed Hair Gallery Salon Studios for 24 years. This establishment provides a desirable space for ten Amherst residents to operate their own businesses and provide goods and services to our community. Through hard work and dedication I have been successful which has allowed me to help others succeed as well.
I also own the commercial property located at 165 South Main Street that is occupied by Cothran Schoonover Insurance (formerly Massie Insurance Agency), 247 Ridge Drive (residential rental) and my home located at 578 South Main Street. I have been a resident of the Town of Amherst for 43 years.
I am invested in our town and want to see it grow and succeed with proper business development.

Why are you interested in serving as a member of this authority, board or commission?:

I would like the opportunity to work alongside the members of the EDA. I feel that if we take an approach that considers the needs of our community we will be able to identify the types of industry and small businesses that will fill these needs, be successful and also offer employment opportunities. I feel that a thriving economic environment is necessary for the overall well-being of our town.

Thanks for your consideration,

Jayne S. Casey