

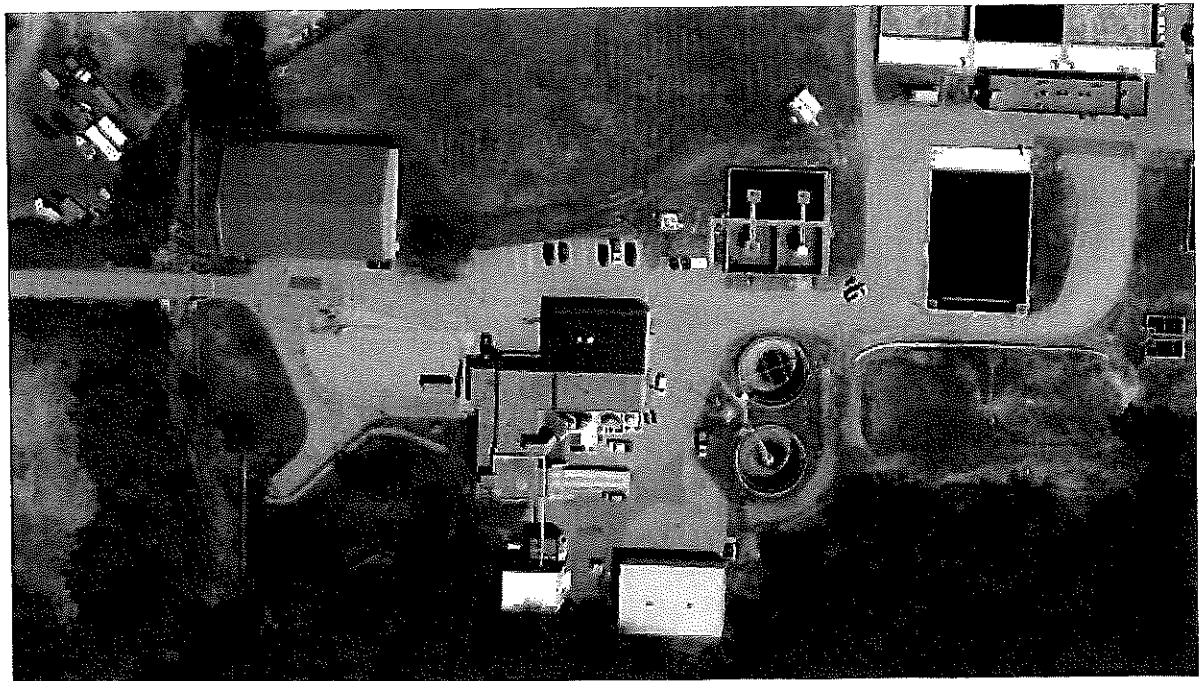
**CONTRACT  
FOR  
MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND  
DISPOSAL**  
February 25, 2025



**RESPONSE DATE:** Friday, April 4, 2025

**RESPONSE TIME:** 11:00 AM

**DELIVERY ADDRESS:** Montville WPCA  
83 Pink Row  
Uncasville, CT 06382





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**REQUEST FOR BIDS  
MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL  
TOWN OF MONTVILLE**

The Town of Montville WPCA is accepting sealed proposals for the daily collection, transportation and disposal of municipal wastewater sludge from the Town's Wastewater Treatment Facility.

Proposal packages may be obtained at <https://www.montvillewpc.com/bids-and-proposals/>. Sealed proposals will be received at the Montville WPCA Office, 83 Pink Row, Uncasville, CT until 11:00 a.m. on Friday, April 4, 2025 at which time they will be publicly opened and read aloud.

No proposal may be withdrawn for forty-five (45) days, Saturdays, Sundays and Holidays excluded after opening of proposals.

The Town of Montville WPCA reserves the right to waive any informalities and to reject any or all proposals. The right is reserved to accept any proposal deemed to be in the best interests of the Town of Montville WPCA.

---

Ronald McDaniel,  
WPCA Administrator

## INSTRUCTIONS TO BIDDERS

1. GENERAL: Sealed proposals will be received by the Administrator of the Town of Montville WPCA (the "WPCA"), Connecticut at the WPCA offices for work as outlined in the "Invitation to Bid."
2. BIDS: All Bids must be submitted on forms supplied by the WPCA and shall be subject to all requirements of the Contract Documents, including these "Instructions to Bidders." All Bids must be complete and regular in every respect and no interlineations, excisions or special conditions shall be made or included in the Bid Form by the Bidders.

**The Bid Proposal, Non Collusion Affidavit, Bid Bond, Qualifications of Bidders and Qualifications of Subcontractors shall be completed and enclosed in a sealed envelope clearly marked as shown below:**

### **BID 2025-2 – MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL**

Also include the Name of Bidder, and date and time of Bid Opening, in order to guard against premature opening of the Bid. The Town may consider as irregular any Bid on which there is an alteration of, or departure from, the Bid Form hereto attached and in its option may reject same. If the Contract is awarded, it will be awarded by the WPCA to the lowest responsible and qualified Bidder as determined by the WPCA.

3. ADDENDA AND INTERPRETATIONS: Any request from prospective Bidder for interpretation of the meaning of Contract Drawings, Specifications, or other Contract Documents shall be made, in writing, to the WPCA Superintendent, 83 Pink Row, Uncasville, Connecticut, and to be given consideration, **must be received at least four (4) days prior to date fixed for opening of proposals.** Interpretations will be made in the form of written Addenda to Contract Documents, which Addenda shall become a part of the Contract. Not later than two (2) days prior to date fixed for opening of proposals, written addenda will be posted to the Montville WPCA website. The Bidder shall be responsible to attain any posted addenda. Failure of any Bidder to receive such Addenda shall not relieve Bidder from any obligation under his proposal as submitted.
4. CONTRACT PROVISIONS: At the date fixed for opening of Bids, it will be presumed that each Bidder has satisfied himself as to actual conditions, requirements and quantities of work, and has read and become thoroughly familiar with Contract Documents including Contract Drawings, Specifications and Addenda if applicable.
5. NON COLLUSION AFFIDAVIT: The Non Collusion Affidavit must be completed, notarized and attached to all Bid Proposals. If the Bid is being submitted by a joint venture, a separate Non Collusion Affidavit must be submitted by each of the joint venture parties. Failure to do so may result in rejection of the bid(s).
6. BID BOND: The Bid must be accompanied by a Bid Bond which shall be not less than **ten (10) percent of the amount of the Grand Total of All Bid Prices with Prevailing Wage Rates in the Proposal.** Bid Bond shall be prepared in the form of

the sample Bid Bond hereto attached, duly executed by the Bidder as principal and having a surety thereon which shall be acceptable by the WPCA. Certified checks or bank drafts will be accepted. Bid securities will be returned to all except the three lowest bidders within five days, Saturdays, Sundays, and legal holidays excluded after opening of bids, and the remaining securities of the bidders will be returned promptly after the WPCA and the accepted bidder have executed the Contract, or if all bids are rejected. For purposes of preparing the Bid Bond, the bid amount shall be based upon the assumptions of a one year contract **involving 1600 round trips transporting 6,500 gallons of liquid sludge (at approximate 5% total solids) per trip.**

7. **POWER OF ATTORNEY:** Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their Power of Attorney.
8. **BIDDER'S QUALIFICATIONS:** The WPCA may make such investigation as deemed necessary to determine the ability of the Bidder to discharge his Contract. The Bidder shall furnish the WPCA with all such information and data for similar projects, as may be required for the purpose. The WPCA reserves the right to reject any Bid if the Bidder fails to satisfactorily convince the WPCA that he is properly qualified by experience and technical and financial facilities to carry out the obligation of the Contract and to satisfactorily complete the work called for herein. Conditional Bids will not be accepted.

In judging the lowest responsible and qualified bidder, the WPCA shall consider the quality of work performed by the Contractor in the past, the Contractor's dependability, and his ability to perform the work on schedule and in accordance with these specifications. The WPCA reserves the right to reject any or all Bids whenever it deems it to be in the best interest of the WPCA.

9. **BID QUANTITIES AND PRICES:** Most quantities stated in the bid proposal are reasonable estimates of the quantities expected for the project. The Bid Quantities and Bid Prices on the Proposal sheets are used to determine the low bidder and the value of the Bid Bond. Pay Items with an asterisk (\*) are items that may not be needed and have low Bid Quantities to provide a Bid Price should the WPCA determine that the item is needed. Payments will be based on the actual quantities installed and approved. Each unit price stated in the bid proposal shall include its prorata share of overhead and profit. Should conditions make it necessary to alter quantities or delete items, no extra compensation for overhead or profit will be allowed. Any bid not conforming to this provision may be rejected as informal.
10. **REJECTION OF BIDS:** The WPCA also reserves the right to reject any and all Bids, for any reason the WPCA deems advisable, and to award the Contract to any of the Contractors bidding on work regardless of the amount of Bid. It is intended that the Contract will be awarded to the lowest responsible and qualified Bidder (or Bidders) possessing skill, ability and integrity necessary to faithfully perform the work as determined by the WPCA.
11. **AWARD OF CONTRACTS:** The Contract will be awarded to the lowest responsible and qualified bidder, as determined by the WPCA, submitting the lowest mathematically correct Grand Total of All Bid Prices, including Alternate bid prices,

with Prevailing Wage Rates on the Proposal and complying with the conditions of these Contract Documents. In judging the lowest responsible and qualified bidder, the WPCA shall consider the quality of work performed by the Contractor in the past, the Contractor's dependability, and his technical and financial ability to perform the work in accordance with these specifications. The WPCA reserves the right to reject any or all Bids whenever it deems it to be in the best interest of the WPCA.

The Bidder to whom the award is made will be notified at the earliest possible date. The successful Bidder shall execute and deliver to the WPCA, within ten (10) business days of the date of the Notice of Award, an Agreement in the form included in the Contract Documents, in such number as the WPCA may require.

The successful Bidder shall also provide, in triplicate, within ten (10) business days of the date of the Notice of Award, by a company satisfactory to the WPCA a Performance Bond, each equal to 100 percent of the mathematically correct Grand Total of All Bid Prices with Prevailing Wage Rates on the Proposal. Surety Bonds shall be in accordance with sample forms attached to Contract Documents.

12. LIQUIDATED DAMAGES FOR FAILURE TO ENTER INTO THE CONTRACT: The successful bidder, upon his failure or refusal to execute and deliver the contract and bonds required within ten (10) business days after he has received the Notice of Award, shall forfeit to the WPCA, as liquidated damages for such failure or refusal, and not as a penalty, the security deposited with his bid provided that the amount of the security which becomes the property of the WPCA shall not exceed the difference between his bid price and the bid price of the next lowest responsible bidder.
13. WITHDRAWAL OF BIDS: No bidder may withdraw their bid **for 30 days**, Saturdays, Sundays and Holidays excluded after the bid opens. Should there be reasons why the contract cannot be awarded within the specified period, the time may be extended by mutual agreement between the WPCA and the Bidder.
14. BID ITEMS: The WPCA reserves the right to alter quantities or delete bid items or portion of bid items for any reason deemed advisable and to be in the best interests of the WPCA. Deletions and alterations shall not be considered as a waiver of any other conditions of the Contract nor to invalidate any provisions thereof. The Contractor shall accept payment in full at the contract price for actual quantities of work performed.
15. TIMES OF COMPLETION: The Bidder must agree to fully complete the project within the contract period as specified in these Contract Documents after receipt of the Notice to Proceed. The Bidder, by submitting a Bid, hereby expressly agrees that the times set for completion of the contract are reasonable.

In the event that a Contract is issued and that firm is unable to perform the duties contracted within the timeframe given to the contracted firm, the WPCA has the right to utilize the next lowest bidder in getting the work done, within the stated timeframe.

The Contractor will begin work in accordance to the Notice to Proceed and work diligently and continuously, without interruption, until the contract is completed to the



**BID SPECIFICATIONS  
MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL  
TOWN OF MONTVILLE WPCA  
MONTVILLE, CONNECTICUT**

The Town of Montville WPCA (the "WPCA") is requesting sealed bids for the collection, hauling and disposal of liquid wastewater sludge from the Town Water Pollution Control Facility (WPCF) located at 83 Pink Row, Uncasville, Connecticut. A site location map, loading map and site configuration map are included in Appendix A.

Liquid wastewater sludge shall be transported, processed and disposed of in compliance with all appropriate local, state, and federal regulations.

**1.0 GENERAL DESCRIPTION OF SERVICES TO BE PERFORMED**

- 1.1 Liquid (thickened) sludge, will be collected from the WPCF Sludge Storage tanks and transported in trailers provided by the Contractor for delivery to nearest appropriated permitted disposal site. Normal work hours shall be Monday through Friday 7:00 am to 2:30 PM, unless other arrangements are made. The Contractor (hauler) shall be responsible for scheduling deliveries with the disposal facility. The Contractor shall maintain appropriate approvals with the disposal facility for acceptance of the WPCA's liquid sludge. The Contractor will bill the WPCA for both the transportation and disposal services. The hauler shall provide a copy of the disposal ticket to the Town. **Transportation costs will be based on the nearest permitted facility to the Montville Water Pollution Control Facility located at 83 Pink Row, Uncasville, CT, unless the facility is not accepting sludge for operational maintenance.**
- 1.2 Laboratory sludge test results are included within Appendix A. Additionally, monthly reporting is included showing typical total solids percentages.
- 1.3 Bidders are required to submit two (2) alternative disposal sites to include location information.
- 1.4 The Bid Proposal form included with these bid documents provides for a price schedule for each gallon of wastewater transported and dry tons of solids disposed of.
- 1.5 It is the WPCA's intention to enter into a two (2) year contract with an option of five (5) consecutive one year extensions.
- 1.6 The Contract will be awarded based upon the most cost effective one (1) year proposal to the WPCA.
- 1.7 The bidder shall provide certification of tanker capacities.

WPCA's satisfaction.

16. The Bidder must agree to pay as liquidated damages, and not as a penalty, the amount of five hundred dollars (\$500.00) for each consecutive calendar day that the contractor does not complete all the work under this contract to the WPCA's satisfaction, beyond the contract completion date stated above in accordance with the General Conditions. The Bidder (Contractor) agrees that said sums shall be deducted from monies due the Contractor under the Contract, or, if no money is due the Contractor, the Contractor hereby agrees to pay to the WPCA as liquidated damages, and not by way of penalty, such total sums as shall be due for such delay.
17. LAWS AND REGULATIONS: The Bidder's attention is directed to the fact that all applicable State laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of this work shall apply to the Contract throughout, and they will be deemed to be included in the Contract the same as though herein written out in full.
18. WAGES AND SALARIES: Attention of Bidders is particularly called to the requirements concerning the payment of not less than the prevailing State of Connecticut wage and salary rates specified in the Contract Documents if the total contract price is \$100,000 or more. If the total contract price is less than \$100,000, prevailing State of Connecticut Wage Rates should not be used. The conditions of employment with respect to certain categories and classifications of employees, will determine wage rates.  
  
The rates of pay set forth are the minimal to be paid during the life of the Contract. It is, therefore, the responsibility of Bidders to inform themselves as to local labor conditions, such as the length of workday and workweek, overtime compensation, health and welfare contributions, labor supply and prospective changes or adjustments of rates.
19. NON-DISCRIMINATION IN EMPLOYMENT: Contracts for work under this proposal will obligate the contractors and subcontractors not to discriminate in employment practice.
20. The Bidder selected by the WPCA for this project must submit a signed statement as to whether they have previously performed work subject to the President's Executive Order No. 11246, or any preceding similar Executive Order.
21. APPENDIX:
  - A. WPCF Flow and Sludge Production Data
  - B. WPCF Site Plan

## 2.0 **QUALIFICATIONS**

Contractor shall maintain all appropriate insurance, permits and approvals as may be required to transport municipal sewage sludge to the appropriate disposal locations. The WPCA shall ensure that the material to be hauled is acceptable for disposal at the designated location.

The Contractor shall be capable of providing tankers for loading liquid sludge with a typical concentration of solids averaging 5% and ranging from 3% to 7%.

## 3.0 **EXISTING SYSTEM**

Waste activated sludge will be thickened on a gravity belt thickener to a concentration of about 5%. The sludge normally will be a mixed (homogenous) within the Sludge Storage Tank. The sludge mixtures can be stored in one of three storage tanks. Each tank is equipped with a mixer and two of the tanks will be aerated.

## 4.0 **SCOPE OF WORK**

A normal week of operation, shall involve the collection and disposal of liquid sludge on a daily basis Monday through Friday. It may be necessary to collect and transport liquid sludge on a Saturday. The bidder shall provide proposals for any or all of the services as specified. Estimated level of services is as follows:

- 4.1 Liquid Sludge: Total sludge removal is estimated to typically involve 39,000 gallon 5 days per week at a total solids concentration of +/-5%. Additional loads may be necessary.
- 4.2 Truck Fill Operation: The Contractor shall collect sludge from the Sludge Storage Tank at the Town's Water Pollution Control Facility located at 83 Pink Row, Uncasville, CT. The truck fill station will have an automated filling sequence and will be operated by driver. The Contractor's driver shall enter the site (refer to Appendix B) and pull into the sludge loading bay. The driver shall attach all hoses to the Contractor's truck. The sludge will be pumped into the Contractor's truck. The Town pumping system is provided with certified flow meters which will provide the official measure of sludge transported for the purposes of the Contract. The Contractor shall not leave their vehicles to idle during the time required to pump sludge into the truck.

Contractor shall be responsible to ensure all tankers have appropriate connection hardware.

At the end of the truck fill operation, WPCA staff will collect a sample of the sludge for purpose of determining solids concentration; the hoses shall be disconnected and the lines shall be purged or drained. The driver will log in the date/time of the pickup and leave the shipping manifest. The Contractor will be required to leave the site driving along the driveways circumscribing the Treatment Plant site as shown in Appendix B.

#### 5.0 **ALTERNATE DISPOSAL LOCATIONS**

The Bidder shall provide a primary and two (2) alternative disposal sites in the event sludge is not accepted at the primary facility. Disposal of liquid sludge at any other location than as specified in the bidders proposal shall be subject to WPCA approval, and the Contractor shall be responsible for obtaining any necessary permits or approvals at the proposed alternate location.

#### 6.0 **FUEL COST ADJUSTMENTS**

The Contractor shall provide in their unit price proposals the sum of the unit price for operating costs for sludge transport and disposal of 6500 gallons of liquid sludge inclusive of fuel.

#### 7.0 **PAYMENT**

The WPCA shall pay the Contractor on a monthly basis as invoiced for gallons of sludge transported and dry tons disposed of.

## QUALIFICATIONS OF BIDDER

The Bidder is required to submit on the following pages the information required in regard to his qualifications for the work.

- A. Previous experience (number of years)\_\_\_\_\_.
  
- B. The location, character, cost, date and names of engineers or officials of similar work previously contracted by the undersigned for the last 5 years are as follows:  
(By supplying this information, the Bidder authorizes the Town to contact such persons for purposes of a reference check)

- C. The equipment which will be available for performing the work under this contract is as follows:

Own equipment:

Rented Equipment:

D. The financial resources of the undersigned to show his financial ability are as follows (provide financial statements, credit references and banking references):

E. Please identify all contracts within the last 5 years that the Bidder has failed to complete. If there have been no contracts which the bidder has failed to complete, including those in which a surety has participated, the bidder shall definitely so state.

F. Please identify all arbitration or litigation proceedings in which the Bidder is currently involved in and has been involved for the last 5 years and briefly describe the nature and result of the proceedings.

Name of Bidder \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

G. Bidder shall submit information on this sheet indicating Municipalities for whom Bidder has executed similar work without deterioration directly related to improper techniques, for a minimum period of three years. Failure to complete this sheet may be cause for rejection of bid.

1. Municipality Name: \_\_\_\_\_  
Location (City, State): \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Year Work Performed: \_\_\_\_\_

2. Municipality Name: \_\_\_\_\_  
Location (City, State): \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Year Work Performed: \_\_\_\_\_

3. Municipality Name: \_\_\_\_\_  
Location (City, State): \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Year Work Performed: \_\_\_\_\_

4. Municipality Name: \_\_\_\_\_  
Location (City, State): \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Year Work Performed: \_\_\_\_\_

5. Municipality Name: \_\_\_\_\_  
Location (City, State): \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Year Work Performed: \_\_\_\_\_





## LIQUID SLUDGE TRANSPORT AND DISPOSAL BID PROPOSAL

- I. Complete Hauling and Disposal Operating Cost Proposal (Attached)
- II. Bidder Information

Bidder: \_\_\_\_\_

Address: \_\_\_\_\_

Town/City: \_\_\_\_\_

Contact Name/Title: \_\_\_\_\_

Phone/Email: \_\_\_\_\_

All bidders are required to provide responses to the following:

- a. Available hours of operation, transportation and disposal

Bidder Proposes:

- b. Emergency availability (weekends, holidays, after hours) and response time.

Bidder Proposes:

- c. List specific restrictions to sludge acceptance. If no restrictions are listed state "None."

Bidder Proposes:

- d. Bidder's Sludge Disposal Locations and distance from Montville Water Pollution Control Facility (must list a primary site and two (2) alternative sites).

Bidder Proposes: Primary site =  
Alternative site #1=  
Alternative site #2=

- e. Size of truck tanker capacity in gallons

Bidder Proposes:

- f. Back-up capabilities (number of trucks, tankers, sizes)

Bidder Proposes:

- g. Sludge Hauling Cost **per Gallon**

July 1, 2025 to June 30, 2026	
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Disposal Cost **per Dry Ton**

July 1, 2025 to June 30, 2026	
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- h. Additional compensation for weekend or holiday service. If none, state "None."

Bidder Proposes:

Bidder Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Bidder Name: \_\_\_\_\_

Title: \_\_\_\_\_

1. Bid Bond Attached: YES\_\_\_\_\_ NO\_\_\_\_\_
2. Non Collusion Affidavit Attached: YES\_\_\_\_\_ NO \_\_\_\_\_
3. Bidder shall submit the name, address, responsible party and phone number of three or more references (preferably municipalities) where similar work has been done. If none, state so.

1)\_\_\_\_\_

2)\_\_\_\_\_

3)\_\_\_\_\_

## NON-COLLUSION AFFIDAVIT

This entire document should be completed, notarized and attached to your Bid Proposal. Failure to do so may result in the rejection of your Bid.

If the subject bid is being submitted by a joint venture, a separate Non Collusion Affidavit must be submitted by each of the Joint Ventures.

TOWN OF MONTVILLE WPCA

PROJECT: MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL

**The undersigned, being duly sworn, states that (a) she/he is authorized to make this affidavit on behalf of the bidder, and (b) the bidder has not directly or indirectly entered into any agreements, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with the subject bid. I understand that false statements made herein may be subject to criminal prosecution.**

\_\_\_\_\_  
Name of Bidder (i.e. Person or Organization)

\_\_\_\_\_  
Signature and Title of Official

\_\_\_\_\_  
Typed/Printed Name of Official

Subscribed and sworn to before me, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public/Commissioner of the Superior Court

My Commission Expires \_\_\_\_\_

Bond No. \_\_\_\_\_

**BID BOND**

KNOW ALL MEN BY THESE PRESENTS, that we the undersigned,

\_\_\_\_\_  
As PRINCIPAL, and

\_\_\_\_\_ as SURETY are held firmly bound unto the Town of Montville WPCA, Connecticut hereinafter called the "WPCA", in the penal sum of

\_\_\_\_\_ Dollars, (\$ \_\_\_\_\_), lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has been submitted the Accompanying Bid, dated \_\_\_\_\_, \_\_\_\_\_; for the project known as

**MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL**

NOW, THEREFORE, if the Principal shall not withdraw said Bid within the period specified therein after the opening of the same, or, if no period be specified, within thirty (30) days after the said opening and shall within the period specified therefor, or if no period be specified within ten (10) days after the prescribed forms are presented to him for the signature, enter into a written Contract with the WPCA in accordance with the Bid as accepted, and give bond with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such Contract; or in the event of the withdrawal of said Bid within the period specified, or the failure to enter into such contract shall pay the WPCA the difference between the amount specified in said Bid and the amount for which the WPCA may procure the required work or supplies or both; if the latter be in excess of the former, then the above obligation shall be void and of no effect, otherwise to remain in full force and virtue.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their several seals this \_\_\_\_\_ day of \_\_\_\_\_, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

In the presence of

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(Individual Principal) (SEAL)

\_\_\_\_\_  
(Business Address)

\_\_\_\_\_  
(Partnership) (SEAL)

\_\_\_\_\_  
(Business Address)

By: \_\_\_\_\_

Attest:

\_\_\_\_\_

\_\_\_\_\_  
(Corporate Principal)

\_\_\_\_\_  
(Business Address)

Corp.

\_\_\_\_\_

By: \_\_\_\_\_ Affix  
\_\_\_\_\_ Seal

Attest:

\_\_\_\_\_

\_\_\_\_\_  
(Corporate Surety)

By: \_\_\_\_\_ Affix  
Corp. \_\_\_\_\_ Seal

Countersigned

By: \_\_\_\_\_

\_\_\_\_\_  
(Power-of-Attorney for person signing for Surety Company must be attached to bond.)

## AGREEMENT

THIS AGREEMENT, made this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ by and between the Town of Montville WPCA, acting herein through its Administrator, hereinafter called "WPCA," and \_\_\_\_\_, a Corporation of the City of \_\_\_\_\_, County of \_\_\_\_\_ and State of Connecticut, hereinafter called the "CONTRACTOR."

WITNESSETH: That for, and in consideration of, the payments and agreements hereinafter mentioned, to be made and performed by the WPCA, the CONTRACTOR hereby agrees with the WPCA to commence and complete the project described as follows:

### **MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL**

Hereinafter called the PROJECT, for the unit prices quoted and all extra work in connection therewith, under the terms as stated in the Proposal attached hereto of the CONTRACT; and at his (its or their) own proper cost, equipment, tools, superintendence, labor, insurance, and other accessories and services necessary to complete the said PROJECT in accordance with the conditions and prices stated in the Proposal and the Contract Documents including Instructions to Bidders, General Conditions, and other associated documents described as follows:

### **MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL**

The CONTRACTOR hereby agrees to commence work under this CONTRACT on a date to be specified in a written "Notice to Proceed" of the TOWN and to fully complete the PROJECT within the timeframes indicated in the Instruction to Bidders.

- A. WITNESSETH, That said CONTRACTOR has agreed, and by these presents does for his, their, or its heirs, executors, administrators, successors, and assigns covenant, promise and agree to and with the said WPCA, for the consideration hereinafter mentioned and contained, and under the penalty expressed in bonds hereunto annexed, that the said CONTRACTOR shall and will, at his, its, or their own proper charge, cost and expense provide all services in accordance with this contract and the specifications which are a part hereof, viz.;

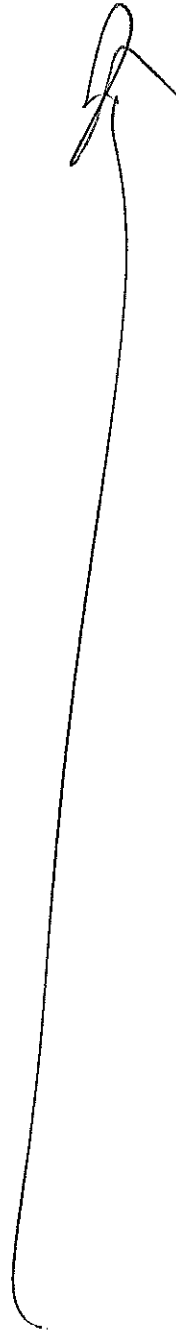
### **FOR FURNISHING MUNICIPAL LIQUID SLUDGE TRANSPORTATION AND DISPOSAL FROM THE TOWN OF MONTVILLE WATER POLLUTION CONTROL FACILITY**

all to be in accordance with the terms of the proposal submitted to the WPCA, and made part of this contract.

- B. INDEPENDENT CONTRACTOR** selected CONTRACTOR is an independent contractor and is not an employee, partner, or co-venturer of, or in any other service relationship with the WPCA. The CONTRACTOR is not authorized to speak for, represent, or obligate the WPCA in any manner without the prior expressed written authorization from the WPCA.
- C. ADMINISTRATOR TO BE JUDGE.** The Administrator of the WPCA and his duly authorized representatives, hereinafter referred to as the "MANAGER" shall be judge of the character, nature and fitness of all the services performed under this contract.
- D. CONTRACTOR RESPONSIBLE FOR WHOLE WORK.** (1) The CONTRACTOR shall be responsible for the entire work and any unfaithful or imperfect work that may be discovered at any time shall be immediately corrected by said CONTRACTOR on requirement of the MANAGER.
- E. TERMS.**  
The contract shall cover a one-year period from July 1, 2025 to June 30, 2026. The MANAGER, at his option may renew the contract in one-year increments for a maximum of five (5) additional years upon sending the CONTRACTOR thirty (30) days written notice. The CONTRACTOR shall, within ten (10) days after receipt of said notice, indicate his/her acceptance or non-acceptance of the proposed renewal. In the event that the contract is renewed, all of the original terms shall remain in full force for the renewal period unless otherwise mutually agreed upon, in writing, between the WPCA and the CONTRACTOR.
- F. (1) COMMENCEMENT AND COMPLETION OF WORK.** The CONTRACTOR shall perform the services contracted for within the time stated therefore in the specifications for this work.
- (2) **TIME LIMITS.** All time limits stated in the Contract Documents are of the essence of the CONTRACT.
- G. (1) CONTRACTOR'S DUTIES AND LIABILITIES.** The CONTRACTOR shall comply with all local, state and national laws and regulations, and with all Town of Montville ordinances in the prosecution of the services, and shall secure all necessary permits and licenses.
- (2) **INDEMNIFICATION/HOLD HARMLESS**  
a. The CONTRACTOR agrees to defend, indemnify and hold harmless the WPCA, its respective officers, employees, elected officials, agents, servants and volunteers from and against any and all claims, liabilities, obligations, causes of action of whatsoever kind and nature for damages, including but not limited to damage to the premises or other property, and costs of every kind and description arising from its entry upon the premises,



or arising from the performance of the services or other activities conducted

A handwritten signature in black ink, consisting of a series of loops and a long vertical stroke extending downwards.

thereon, alleging but not limited to bodily injury, personal injury, medical malpractice, property damage caused by the CONTRACTOR and its employees, contractor, sub-contractors and agents. This indemnification includes the CONTRACTOR'S duty to defend the WPCA from any such claims.

b. The CONTRACTOR must carry the following insurance coverages (Town of Montville and the WPCA added as additional insured):

**Commercial General Liability**

Each Occurrence:	\$ 2,000,000
Personal/Advertising Injury per Occurrence:	\$ 2,000,000
General Aggregate:	\$ 2,000,000
Product/Completed Operations Aggregate:	\$ 2,000,000
Fire Damage Legal Liability	\$ 100,000

**Automobile Liability** (Town of South Windsor added as additional insured):

Each Accident:	\$ 2,000,000
Hired/Non-owned Auto Liability:	\$ 2,000,000

**Workers' Compensation/Employers Liability**

Workers' Compensation Statutory Requirement set forth by State of CT

**Employers Liability**

Each Accident	\$ 100,000
Disease-Policy Limit	\$ 500,000
Disease-Each employee	\$ 100,000

**Umbrella/Excess Liability** (*following form of general liability, auto liability and employer liability*):

Each Occurrence:	\$ 2,000,000
General Aggregate:	\$ 2,000,000
Product/Completed Operations Aggregate:	\$ 2,000,000

**Professional Liability** (*where required*)

Each Claim:	\$ 2,000,000
Annual Aggregate	\$ 2,000,000

All insurance may not be canceled or modified without thirty (30) days written notice to the WPCA Administrator, 83 Pink Row, Uncasville, CT 06074. Any subcontractors must be protected by insurance the same as the Contractor.

(3) **WAIVER OF SUBROGATION REQUIREMENT**

The CONTRACTOR will require all insurance policies in any way related to the work and secured and maintained by the CONTRACTOR to include clauses stating each carrier will waive all rights of recovery, under

subrogation and otherwise, against the WPCA, and its respective officers, employees, agents, servants, elected officials, and volunteers. The CONTRACTOR shall require of subcontractors, by appropriate written agreements, similar waivers each in favor of the WPCA.

a. It is agreed between the parties hereto that the amount of insurance set forth above does not in any way limit the liability of the CONTRACTOR to the WPCA by virtue of his promise to hold the WPCA harmless so that in the event that any claim results in a settlement or judgement in any amount above said limits, the CONTRACTOR shall be personally liable to the WPCA for the difference.

b. Certificates of insurance company must be submitted to the MANAGER before the CONTRACTOR starts work. Should any insurance expire or be terminated during the period in which the same is required by this contract, the MANAGER shall be notified thirty (30) days in advance and such expired or terminated insurance must be replaced with new insurance and new certificate furnished to the MANAGER. Failure to provide the required insurance and certificates may, at the option of the WPCA, be held to be a willful violation of this CONTRACT.

**H. AVOIDANCE OF CONTRACT.** If this CONTRACT shall be assigned without the written consent of the ADMINISTRATOR, or if the services are not being provided to the ADMINISTRATOR'S satisfaction, the ADMINISTRATOR may give written notice, postage prepaid, to the CONTRACTOR, at his business address, to that effect. If the CONTRACTOR shall not, within ten days after the mailing of such notice, take measures as well, in the judgement of the ADMINISTRATOR, insure the satisfactory performance of the services, he may notify the CONTRACTOR in writing, to discontinue all services under this contract; and the WPCA may, by means of such other agents or contractors as shall to it seem advisable, complete the services herein described, or such part thereof as it may deem necessary, and said WPCA is hereby authorized and empowered to apply sums of money due or to become due to said CONTRACTOR under this CONTRACT by way of reduction in damages, and as part payment of such additional expense incurred by the WPCA as aforesaid.

**I. TERMINATION**

Termination for Cause: If, through any cause, the CONTRACTOR shall fail to fulfill in a timely and proper manner the obligations under this CONTRACT, or if the CONTRACTOR shall violate any of the covenants, agreements, or stipulations of this CONTRACT, the WPCA shall, thereupon, have the right to terminate this CONTRACT by giving written notice to the CONTRACTOR of such termination and specifying the effective date thereof, at least five (5) days before the effective date of such termination. In such event, the CONTRACTOR shall be entitled to receive just and equitable compensation for any satisfactory work completed prior to the effective date of termination.

Termination for Convenience: The WPCA may terminate this CONTRACT at any time by a notice in writing, effective not less than thirty (30) days prior to the termination date. If the CONTRACT is terminated by the WPCA as provided herein, the CONTRACTOR will be paid for services performed up to the date of termination.

J. (1) **PAYMENTS.** The WPCA will pay and the CONTRACTOR will receive, as full compensation for the amount stated in the proposal, or the sums of money computed at the several unit prices stated in the proposal submitted by the CONTRACTOR to the MANAGER. A copy of the proposal is made a part of this CONTRACT. The TOWN may make such deductions from these sums as are provided for in this CONTRACT.

(2) **NO INTEREST TO BE PAID.** No interest is to be allowed or paid by the WPCA upon any monies retained under the provisions of this CONTRACT.

(3) **CONTINGENT UPON AVAILABILITY OF FUNDS.**  
The WPCA's obligation under this CONTRACT is contingent upon the availability of appropriated funds from which payment for CONTRACT purposes can be made. No legal liability on the part of the WPCA for any payment may arise until all funds are made available and approved for this CONTRACT and until a Purchase Order has been issued.

K. **CONTENTS OF CONTRACT.** The information for bidders, the proposal, the specifications, together with special provisions following herewith, and the bond and any and all additions which may be inserted or attached to any, or all of the sections as listed above, together with the drawings named in the information for bidders are made a part of this CONTRACT.

L. **FAIR EMPLOYMENT PRACTICES.** The CONTRACTOR hereby agrees that neither they nor their subcontractors will refuse to hire or employ or to bar or to discharge from employment an individual or to discriminate against him in compensation or in terms, condition or privilege of employment because of race, color, religious creed, age, sex, national origin or ancestry, except in the case of bona fide occupational qualification or need.

The CONTRACTOR further agrees that neither they nor their subcontractors will discharge, expel or otherwise discriminate against any person because they have opposed any unfair employment practice or because they have filed a complaint or testify or assisted in any proceeding under Section 31-127 of the Connecticut General Statutes. The advertisement of employment opportunities will be carried out in such manner as not to restrict such employment so as to discriminate against individuals because of their race, color, religious creed, age, sex, national origin or ancestry, except in the case of a bona fide occupational qualification or need.

The terms stated above are taken from Section 31-126 of the Connecticut General Statutes, "Unfair Employment Practices".

**M. LAWS AND JURISDICTION.** The parties hereto agree that this contract is subject to the laws and jurisdiction of the State of Connecticut.

**N. COMPLIANCE WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986.** The CONTRACTOR hereby agrees that he is aware of and has complied with the hiring and documentation requirements of the Immigration Reform and Control Act of 1986.

The CONTRACTOR agrees that it has asked for and examined documentation in order to verify the legal employability of its employees and has executed the appropriate forms attesting thereto pursuant to the Act.

The CONTRACTOR further agrees to indemnify and hold the WPCA harmless from any costs and/or penalties incurred, including but not limited to fines, attorneys' fees and costs arising from a claim of violation of said Act.

**O. DISPUTES.** The parties agree that any dispute will be submitted to the Superior Judicial District Court.

**P. ANTI-TRUST PROVISIONS.** The CONTRACTOR or Subcontractor offers and agrees to assign to the TOWN all right, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act, 15 U.S.C. Section 15, or under Chapter 624 of the General Statutes of Connecticut, arising out of the purchase of services, property or intangibles of any kind pursuant to a public purchase contract or subcontract. This assignment shall be made and become effective at the time the TOWN awards or accepts such contract, without further acknowledgement by the parties.

IN WITNESS WHEREOF, the parties to these presents have executed this AGREEMENT in the year and day first above mentioned.

(SEAL)

ATTEST:

\_\_\_\_\_  
(Witness)

Town of Montville WPCA  
\_\_\_\_\_  
(WPCA)

\_\_\_\_\_  
(Witness)

By: \_\_\_\_\_  
Ronald McDaniel  
WPCA Administrator

(SEAL)

\_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
Representative

By: \_\_\_\_\_  
(Representative)

\_\_\_\_\_

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Address)

\_\_\_\_\_

CORPORATE SEAL

CORPORATION OFFICERS:

President \_\_\_\_\_

Treasurer: \_\_\_\_\_

General Manager \_\_\_\_\_

PARTNERSHIP:

1. \_\_\_\_\_

Residence Address \_\_\_\_\_

2. \_\_\_\_\_

Residence Address \_\_\_\_\_

3. \_\_\_\_\_

Residence Address \_\_\_\_\_

INDIVIDUAL:

Name \_\_\_\_\_

\_\_\_\_\_  
(Residential address if different than business address)

# Appendix A

## Sludge Data



## Waste Sludge Solids Reporting

### January 2024

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	3	4.61	46,100	19,500	0.020	7,497
2	8	4.70	46,980	52,000	0.052	20,374
3	10	4.25	42,500	65,000	0.065	23,039
4	8	4.44	44,400	52,000	0.052	19,255
5	9	4.20	42,000	58,500	0.059	20,491
6	4	4.20	42,000	26,000	0.026	9,107
7	0	---	0	0	0.000	0
8	8	4.54	45,400	52,000	0.052	19,689
9	7	4.21	42,100	45,500	0.046	15,976
10	8	4.13	41,300	52,000	0.052	17,911
11	8	4.08	40,800	52,000	0.052	17,694
12	6	4.00	40,000	39,000	0.039	13,010
13	0	---	0	0	0.000	0
14	0	---	0	0	0.000	0
15	8	3.97	39,700	52,000	0.052	17,217
16	8	4.01	40,100	52,000	0.052	17,391
17	6	4.02	40,200	39,000	0.039	13,075
18	6	4.12	41,200	39,000	0.039	13,401
19	8	4.06	40,600	52,000	0.052	17,607
20	0	---	0	0	0.000	0
21	0	---	0	0	0.000	0
22	8	4.20	42,000	52,000	0.052	18,215
23	8	4.02	40,200	52,000	0.052	17,434
24	8	3.00	30,000	52,000	0.052	13,010
25	8	3.23	32,300	52,000	0.052	14,008
26	8	3.67	36,700	52,000	0.052	15,916
27	6	3.68	36,800	39,000	0.039	11,970
28	0	---	0	0	0.000	0
29	0	---	0	0	0.000	0
30	6	3.68	36,800	39,000	0.039	11,970
31	9	3.63	36,300	58,500	0.059	17,710
<b>Total</b>	<b>176</b>			<b>1,007,500</b>	<b>1.008</b>	<b>382,969</b>
<b>Average</b>	<b>5.57</b>	<b>4.03</b>	<b>31,177</b>	<b>36,903</b>	<b>0.037</b>	<b>12,354</b>

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

### February 2024

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	10	2.99	29,900	65,000	0.065	16,209
2	10	3.33	33,300	65,000	0.065	18,052
3	0	0.00	0	0	0.000	0
4	0	0.00	0	0	0.000	0
5	10	3.53	35,300	65,000	0.065	19,136
6	8	3.60	36,000	52,000	0.052	15,612
7	6	3.68	36,800	39,000	0.039	11,970
8	8	3.59	35,900	52,000	0.052	15,569
9	8	3.68	36,800	52,000	0.052	15,959
10	0	0.00	0	0	0.000	0
11	0	0.00	0	0	0.000	0
12	10	3.68	36,800	65,000	0.065	19,949
13	2	3.84	38,400	13,000	0.013	4,163
14	8	3.95	39,500	52,000	0.052	17,130
15	6	4.23	42,300	39,000	0.039	13,758
16	6	4.04	40,400	39,000	0.039	13,141
17	0	0.00	0	0	0.000	0
18	0	0.00	0	0	0.000	0
19	8	3.74	37,400	52,000	0.052	16,220
20	8	3.78	37,800	52,000	0.052	16,393
21	6	3.79	37,900	39,000	0.039	12,327
22	4	3.90	39,000	26,000	0.026	8,457
23	4	4.01	40,100	26,000	0.026	8,695
24	3	3.21	32,100	19,500	0.020	5,220
25	0	0.00	0	0	0.000	0
26	10	3.94	39,400	65,000	0.065	21,359
27	10	3.71	37,100	65,000	0.065	20,112
28	8	3.70	37,000	52,000	0.052	16,046
29	6	3.77	37,700	39,000	0.039	12,262
<b>Total</b>	159			903,500	0.904	317,741
<b>Average</b>	5.48	2.82	28,169	35,638	0.036	10,957

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

**March 2024**

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	6	3.77	37,700	39,000	0.039	12,262
2	2	3.55	35,500	13,000	0.013	3,849
3	2	3.53	35,300	13,000	0.013	3,827
4	10	3.67	36,700	65,000	0.065	19,895
5	10	3.63	36,300	65,000	0.065	19,678
6	10	3.60	36,000	65,000	0.065	19,516
7	10	3.42	34,200	65,000	0.065	18,540
8	11	3.34	33,400	71,500	0.072	19,917
9	2	3.28	32,800	13,000	0.013	3,556
10	0	0.00	0	0	0.000	0
11	9	2.93	29,300	58,500	0.059	14,295
12	11	3.16	31,600	71,500	0.072	18,843
13	10	4.10	41,000	65,000	0.065	22,226
14	8	3.95	39,500	52,000	0.052	17,130
15	6	3.23	32,300	39,000	0.039	10,506
16	0	0.00	0	0	0.000	0
17	0	0.00	0	0	0.000	0
18	8	2.89	28,900	52,000	0.052	12,533
19	10	3.09	30,900	65,000	0.065	16,751
20	10	3.01	30,100	65,000	0.065	16,317
21	4	2.95	29,500	26,000	0.026	6,397
22	8	3.27	32,700	52,000	0.052	14,181
23	2	3.13	31,300	13,000	0.013	3,394
24	2	2.23	22,300	13,000	0.013	2,418
25	5	2.69	26,900	32,500	0.033	7,291
26	0	0.00	0	0	0.000	0
27	0	0.00	0	0	0.000	0
28	0	0.00	0	0	0.000	0
29	3	3.21	32,100	19,500	0.020	5,220
30	0	0.00	0	0	0.000	0
31	0	0.00	0	0	0.000	0
<b>Total</b>	<b>159</b>			<b>968,500</b>	<b>0.969</b>	<b>288,544</b>
<b>Average</b>	<b>5.30</b>	<b>2.44</b>	<b>24,397</b>	<b>33,339</b>	<b>0.033</b>	<b>9,308</b>

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

April 2024

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	4	4.04	40,400	26,000	0.026	8,760
2	4	4.36	43,600	26,000	0.026	9,454
3	4	4.40	44,000	26,000	0.026	9,541
4	4	4.41	44,100	26,000	0.026	9,563
5	7	4.31	43,100	45,500	0.046	16,355
6	0	0.00	0	0	0.000	0
7	0	0.00	0	0	0.000	0
8	6	4.51	45,100	39,000	0.039	14,669
9	6	4.06	40,600	39,000	0.039	13,206
10	4	4.10	41,000	26,000	0.026	8,890
11	6	3.99	39,900	39,000	0.039	12,978
12	8	3.78	37,800	52,000	0.052	16,393
13	0	0.00	0	0	0.000	0
14	0	0.00	0	0	0.000	0
15	10	4.15	41,500	65,000	0.065	22,497
16	10	4.51	45,100	65,000	0.065	24,449
17	10	3.42	34,200	65,000	0.065	18,540
18	8	4.31	43,100	52,000	0.052	18,692
19	8	3.98	39,800	52,000	0.052	17,260
20	2	3.91	39,100	13,000	0.013	4,239
21	2	4.17	41,700	13,000	0.013	4,521
22	10	4.23	42,300	65,000	0.065	22,931
23	10	4.06	40,600	65,000	0.065	22,009
24	10	4.73	47,300	65,000	0.065	25,641
25	10	4.38	43,800	65,000	0.065	23,744
26	10	4.33	43,300	65,000	0.065	23,473
27	2	4.31	43,100	13,000	0.013	4,673
28	2	4.58	45,800	13,000	0.013	4,966
29	10	4.61	46,100	65,000	0.065	24,991
30	10	4.63	46,300	65,000	0.065	25,099
<b>Total</b>	177			1,072,500	1.073	407,535
<b>Average</b>	5.90	3.68	36,757	38,350	0.038	13,584

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.





## Waste Sludge Solids Reporting

**May 2024**

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	8	4.39	43,900	52,000	0.052	19,039
2	7	4.82	48,200	45,500	0.046	18,290
3	8	4.68	46,800	52,000	0.052	20,296
4	0	---	0	0	0.000	0
5	0	---	0	0	0.000	0
6	8	5.06	50,600	52,000	0.052	21,944
7	8	5.44	54,400	52,000	0.052	23,592
8	3	5.35	53,500	19,500	0.020	8,701
9	3	5.53	55,300	19,500	0.020	8,993
10	8	5.36	53,600	52,000	0.052	23,245
11	0	---	0	0	0.000	0
12	0	---	0	0	0.000	0
13	8	5.33	53,300	52,000	0.052	23,115
14	6	5.58	55,800	39,000	0.039	18,150
15	9	5.54	55,400	58,500	0.059	27,029
16	8	5.46	54,600	52,000	0.052	23,679
17	10	5.47	54,700	65,000	0.065	29,653
18	0	---	0	0	0.000	0
19	0	---	0	0	0.000	0
20	10	5.05	50,500	65,000	0.065	27,376
21	8	5.01	50,100	52,000	0.052	21,727
22	8	4.91	49,100	52,000	0.052	21,294
23	8	5.06	50,600	52,000	0.052	21,944
24	8	5.63	56,300	52,000	0.052	24,416
25	0	---	0	0	0.000	0
26	2	5.38	53,800	13,000	0.013	5,833
27	2	5.09	50,900	13,000	0.013	5,519
28	10	4.88	48,800	65,000	0.065	26,454
29	7	4.82	48,200	45,500	0.046	18,290
30	8	5.15	51,500	52,000	0.052	22,335
31	5	5.21	52,100	32,500	0.033	14,122
<b>Total</b>	<b>170</b>			<b>955,500</b>	<b>0.956</b>	<b>475,037</b>
<b>Average</b>	<b>5.50</b>	<b>5.18</b>	<b>40,065</b>	<b>35,645</b>	<b>0.036</b>	<b>15,324</b>

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

June 2024

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	0	---	0	0	0.000	0
2	0	---	0	0	0.000	0
3	8	5.18	51,800	52,000	0.052	22,465
4	5	5.14	51,400	32,500	0.033	13,932
5	4	5.02	50,200	26,000	0.026	10,885
6	4	4.49	44,900	26,000	0.026	9,736
7	6	5.14	51,400	39,000	0.039	16,718
8	0	---	0	0	0.000	0
9	0	---	0	0	0.000	0
10	8	5.37	53,700	52,000	0.052	23,289
11	6	5.35	53,500	39,000	0.039	17,401
12	8	5.37	53,700	52,000	0.052	23,289
13	6	5.52	55,200	39,000	0.039	17,954
14	6	5.55	55,500	39,000	0.039	18,052
15	0	---	0	0	0.000	0
16	0	---	0	0	0.000	0
17	8	5.60	56,000	52,000	0.052	24,286
18	6	5.40	54,000	39,000	0.039	17,564
19	6	5.37	53,700	39,000	0.039	17,466
20	4	5.62	56,200	26,000	0.026	12,186
21	4	5.22	52,200	26,000	0.026	11,319
22	0	---	0	0	0.000	0
23	0	---	0	0	0.000	0
24	6	6.00	60,000	39,000	0.039	19,516
25	6	6.15	61,500	39,000	0.039	20,003
26	6	5.45	54,500	39,000	0.039	17,727
27	8	5.87	58,700	52,000	0.052	25,457
28	6	5.97	59,700	39,000	0.039	19,418
29	0	---	0	0	0.000	0
30	0	---	0	0	0.000	0
<b>Total</b>	121			734,500	0.735	358,664
<b>Average</b>	4.03	5.44	36,260	26,217	0.026	11,955

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

July 2024

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	3	4.18	41,800	19,500	0.020	6,798
2	2	5.88	58,800	13,000	0.013	6,375
3	4	5.72	57,200	26,000	0.026	12,403
4	3	5.78	57,800	19,500	0.020	9,400
5	3	5.59	55,900	19,500	0.020	9,091
6	0	---	0	0	0.000	0
7	0	---	0	0	0.000	0
8	6	6.42	64,200	39,000	0.039	20,882
9	4	6.03	60,300	26,000	0.026	13,075
10	4	7.03	70,300	26,000	0.026	15,244
11	3	6.45	64,500	19,500	0.020	10,490
12	2	6.44	64,400	13,000	0.013	6,982
13	0	---	0	0	0.000	0
14	0	---	0	0	0.000	0
15	4	6.14	61,400	26,000	0.026	13,314
16	3	5.70	57,000	19,500	0.020	9,270
17	3	6.60	66,000	19,500	0.020	10,734
18	2	7.05	70,500	13,000	0.013	7,644
19	2	6.27	62,700	13,000	0.013	6,798
20	0	---	0	0	0.000	0
21	0	---	0	0	0.000	0
22	3	6.30	63,000	19,500	0.020	10,246
23	3	6.58	65,800	19,500	0.020	10,701
24	3	6.08	60,800	19,500	0.020	9,888
25	3	5.91	59,100	19,500	0.020	9,611
26	4	6.25	62,500	26,000	0.026	13,553
27	0	---	0	0	0.000	0
28	0	---	0	0	0.000	0
29	4	6.27	62,700	26,000	0.026	13,596
30	3	6.35	63,500	19,500	0.020	10,327
31	3	5.72	57,200	19,500	0.020	9,302
<b>Total</b>	<b>74</b>			<b>422,500</b>	<b>0.423</b>	<b>245,723</b>
<b>Average</b>	<b>2.37</b>	<b>6.12</b>	<b>45,400</b>	<b>15,516</b>	<b>0.016</b>	<b>7,927</b>

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

### August 2024

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	4	6.37	63,700	26,000	0.026	13,813
2	4	6.31	63,100	26,000	0.026	13,683
3	0	---	0	0	0.000	0
4	0	---	0	0	0.000	0
5	4	5.59	55,900	26,000	0.026	12,121
6	4	6.00	60,000	26,000	0.026	13,010
7	4	6.00	60,000	26,000	0.026	13,010
8	4	6.42	64,200	26,000	0.026	13,921
9	4	6.03	60,300	26,000	0.026	13,075
10	0	---	0	0	0.000	0
11	0	---	0	0	0.000	0
12	4	6.49	64,900	26,000	0.026	14,073
13	3	6.21	0	19,500	0.020	0
14	3	6.23	0	19,500	0.020	0
15	3	6.14	61,400	19,500	0.020	9,985
16	2	5.70	57,000	13,000	0.013	6,180
17	0	---	0	0	0.000	0
18	0	---	0	0	0.000	0
19	3	6.14	61,400	19,500	0.020	9,985
20	3	5.70	57,000	19,500	0.020	9,270
21	3	6.60	66,000	19,500	0.020	10,734
22	3	7.05	70,500	19,500	0.020	11,465
23	3	6.15	61,500	19,500	0.020	10,002
24	0	---	0	0	0.000	0
25	0	---	0	0	0.000	0
26	3	5.97	59,700	19,500	0.020	9,709
27	2	5.99	59,900	13,000	0.013	6,494
28	0	---	0	0	0.000	0
29	0	---	0	0	0.000	0
30	0	---	0	0	0.000	0
31	0	---	0	0	0.000	0
<b>Total</b>	<b>63</b>			<b>357,500</b>	<b>0.358</b>	<b>190,532</b>
<b>Average</b>	<b>2.10</b>	<b>6.16</b>	<b>33,758</b>	<b>13,210</b>	<b>0.013</b>	<b>6,146</b>

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.





## Waste Sludge Solids Reporting

### September 2024

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	0	---	0	0	0.000	0
2	0	---	0	0	0.000	0
3	2	5.66	56,600	13,000	0.013	6,137
4	2	6.08	60,800	13,000	0.013	6,592
5	4	6.60	66,000	26,000	0.026	14,311
6	7	6.19	61,900	45,500	0.046	23,489
7	1	7.15	71,500	6,500	0.007	3,876
8	0		0	0	0.000	0
9	6	4.53	45,300	39,000	0.039	14,734
10	4	6.76	67,600	26,000	0.026	14,658
11	4	6.73	67,300	26,000	0.026	14,593
12	4	6.41	64,100	26,000	0.026	13,899
13	4	6.22	62,200	26,000	0.026	13,487
14	0	---	0	0	0.000	0
15	0	---	0	0	0.000	0
16	6	5.35	53,500	39,000	0.039	17,401
17	4	6.47	64,700	26,000	0.026	14,030
18	5	6.84	68,400	32,500	0.033	18,540
19	6	6.16	61,600	39,000	0.039	20,036
20	6	6.59	65,900	39,000	0.039	21,435
21	0	---	0	0	0.000	0
22	0	---	0	0	0.000	0
23	6	6.93	69,300	39,000	0.039	22,541
24	4	7.02	70,200	26,000	0.026	15,222
25	3	6.13	61,300	19,500	0.020	9,969
26	3	4.73	47,300	19,500	0.020	7,692
27	4	5.35	53,500	26,000	0.026	11,601
28	0	---	0	0	0.000	0
29	0	---	0	0	0.000	0
30	4	6.17	61,700	26,000	0.026	13,379
31						
<b>Total</b>	89			565,500	0.566	297,624
<b>Average</b>	2.97	6.19	43,357	19,283	0.019	9,921

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

**October 2024**

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	4	6.67	66,700	26,000	0.026	14,463
2	6	6.57	65,700	39,000	0.039	21,370
3	6	6.18	61,800	39,000	0.039	20,101
4	6	6.96	69,600	39,000	0.039	22,638
5	0	---	0	0	0.000	0
6	0	---	0	0	0.000	0
7	6	5.85	58,500	39,000	0.039	19,028
8	6	5.92	59,200	39,000	0.039	19,255
9	8	5.56	55,600	52,000	0.052	24,113
10	8	5.98	59,800	52,000	0.052	25,934
11	8	6.13	61,300	52,000	0.052	26,585
12	4	6.07	60,700	26,000	0.026	13,162
13	0	---	0	0	0.000	0
14	6	5.53	55,300	39,000	0.039	17,987
15	4	6.05	60,500	26,000	0.026	13,119
16	4	5.77	57,700	26,000	0.026	12,512
17	4	5.81	58,100	26,000	0.026	12,598
18	7	5.56	55,600	45,500	0.046	21,099
19	0	---	0	0	0.000	0
20	0	---	0	0	0.000	0
21	4	5.54	55,400	26,000	0.026	12,013
22	3	5.51	55,120	19,500	0.020	8,964
23	3	5.50	55,000	19,500	0.020	8,945
24	4	6.04	60,400	26,000	0.026	13,097
25	5	5.50	55,000	32,500	0.033	14,908
26	0	---	0	0	0.000	0
27	0	---	0	0	0.000	0
28	6	5.75	57,500	39,000	0.039	18,702
29	4	5.79	57,900	26,000	0.026	12,555
30	4	5.94	59,400	26,000	0.026	12,880
31	4	6.05	60,500	26,000	0.026	13,119
<b>Total</b>	<b>124</b>			<b>702,000</b>	<b>0.702</b>	<b>399,146</b>
<b>Average</b>	<b>4.00</b>	<b>5.93</b>	<b>45,881</b>	<b>26,000</b>	<b>0.026</b>	<b>12,876</b>

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

**November 2024**

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	1	6.67	66,700	6,500	0.007	3,616
2	0	6.57	65,700	0	0.000	0
3	0	6.18	61,800	0	0.000	0
4	4	6.96	69,600	26,000	0.026	15,092
5	6	---	0	39,000	0.039	0
6	4	---	0	26,000	0.026	0
7	4	5.85	58,500	26,000	0.026	12,685
8	5	5.92	59,200	32,500	0.033	16,046
9	0	5.56	55,600	0	0.000	0
10	0	5.98	59,800	0	0.000	0
11	6	6.13	61,300	39,000	0.039	19,938
12	3	6.07	60,700	19,500	0.020	9,872
13	5	---	0	32,500	0.033	0
14	5	5.53	55,300	32,500	0.033	14,989
15	6	6.05	60,500	39,000	0.039	19,678
16	2	5.77	57,700	13,000	0.013	6,256
17	0	5.81	58,100	0	0.000	0
18	6	5.56	55,600	39,000	0.039	18,084
19	8	---	0	52,000	0.052	0
20	4	---	0	26,000	0.026	0
21	6	5.54	55,400	39,000	0.039	18,019
22	7	5.51	55,120	45,500	0.046	20,916
23	0	5.50	55,000	0	0.000	0
24	1	6.04	60,400	6,500	0.007	3,274
25	8	5.50	55,000	52,000	0.052	23,852
26	8	---	0	52,000	0.052	0
27	8	---	0	52,000	0.052	0
28	0	5.75	57,500	0	0.000	0
29	6	5.79	57,900	39,000	0.039	18,833
30	0	5.94	59,400	0	0.000	0
<b>Total</b>	113			728,000	0.728	221,152
<b>Average</b>	3.77	5.92	45,394	24,483	0.024	7,372

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.



## Waste Sludge Solids Reporting

**December 2024**

Date	Trucks Loads	Solids		Volume		Dry Weight
		%	ppm	gal	MG	lbs
1	0	---	0	0	0.000	0
2	6	6.08	60,800	39,000	0.039	19,776
3	6	6.31	63,100	39,000	0.039	20,524
4	6	5.85	58,500	39,000	0.039	19,028
5	6	5.82	58,200	39,000	0.039	18,930
6	6	5.94	59,400	39,000	0.039	19,320
7	0	---	0	0	0.000	0
8	0	---	0	0	0.000	0
9	6	6.40	64,000	39,000	0.039	20,817
10	6	5.35	53,500	39,000	0.039	17,401
11	6	4.42	44,200	39,000	0.039	14,376
12	4	6.15	61,500	26,000	0.026	13,336
13	3	5.14	51,400	19,500	0.020	8,359
14	0	---	0	0	0.000	0
15	0	---	0	0	0.000	0
16	6	5.66	56,600	39,000	0.039	18,410
17	4	5.56	55,600	26,000	0.026	12,056
18	4	5.49	54,900	26,000	0.026	11,905
19	4	6.05	60,500	26,000	0.026	13,119
20	8	5.52	55,200	52,000	0.052	23,939
21	0	---	0	0	0.000	0
22	0	---	0	0	0.000	0
23	7	5.61	56,100	45,500	0.046	21,288
24	7	5.38	53,800	45,500	0.046	20,415
25	0	---	0	0	0.000	0
26	8	5.63	56,300	52,000	0.052	24,416
27	10	5.57	55,700	65,000	0.065	30,195
28	0	---	0	0	0.000	0
29	0	---	0	0	0.000	0
30	8	5.53	55,300	52,000	0.052	23,983
31	6	5.53	55,300	39,000	0.039	17,987
<b>Total</b>	<b>127</b>			<b>747,500</b>	<b>0.748</b>	<b>389,580</b>
<b>Average</b>	<b>4.03</b>	<b>5.67</b>	<b>38,384</b>	<b>26,629</b>	<b>0.027</b>	<b>12,567</b>

Note: The USEPA issued a 40 CFR Rule categorizing biosolids as Class A, A EQ or B. The has to do with the level of pathogens and the material to meet/exceed Vector Attraction Reduction requirements. The Montville generates Class B biosolids removed for offsite incineration.







Monday, December 23, 2024

Attn: Derek Albertson  
Town Of Montville WPCA  
83 Pink Row  
Uncasville, CT 06382

Project ID: QUARTERLY SLUDGE  
SDG ID: GCS25565  
Sample ID#s: CS25565

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301

Client Id	DEWATERED SLUDGE	Lab Id	CS25565	Matrix	SLUDGE
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Project ID: QUARTERLY SLUDGE

SDG I.D.: GCS25565

### Sample Id Cross Reference December 23, 2024

Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823





**Environmental Laboratories, Inc.**

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102

**Analysis Report**

December 23, 2024

FOR: Attn: Derek Albertson  
Town Of Montville WPCA  
83 Pink Row  
Uncasville, CT 06382

Sample Information

Matrix: SLUDGE  
Location Code: TWNMONTV  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by:  
Received by: CP  
Analyzed by: see "By" below

Date            Time  
12/11/24  
12/11/24        16:40

Laboratory Data

SDG ID: GCS25565  
Phoenix ID: CS25565

Project ID: QUARTERLY SLUDGE  
Client ID: DEWATERED SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.1	1.8	mg/Kg	1	12/16/24	TH	SW6010D
Beryllium	< 0.91	0.91	mg/Kg	1	12/16/24	TH	SW6010D
Cadmium	< 0.91	0.91	mg/Kg	1	12/16/24	TH	SW6010D
Chromium	5.39	0.91	mg/Kg	1	12/16/24	TH	SW6010D
Copper	248	0.91	mg/Kg	1	12/16/24	TH	SW6010D
Mercury	< 0.21	0.21	mg/kg	5	12/19/24	ZT	SW7471B
Nickel	7.00	0.91	mg/Kg	1	12/16/24	TH	SW6010D
Lead	6.90	0.91	mg/Kg	1	12/16/24	TH	SW6010D
Zinc	239	0.91	mg/Kg	1	12/16/24	TH	SW6010D
Total Solids @ 104C	7.73	0.1	%	1	12/11/24	KL1/EC	SM2540B-15
Fixed Solids @ 500C	7.3	0.1	%	1	12/11/24	KL1/EC	SM2540E MOD-15
Ammonia as Nitrogen	4250	879	mg/Kg	1	12/15/24	KDB	E350.1
Nitrite as N	< 1.29	1.29	mg/kg	10	12/12/24	DD/GD	SW9056A
Nitrate as N	< 6.47	6.47	mg/kg	10	12/12/24	DD/GD	SW9056A
pH - Sludge	6.47	1.00	pH Units	1	12/12/24 00:56	MW	SW9045D
Nitrogen Tot Kjeldahl	73900	1760	mg/Kg	1	12/15/24	KDB	E351.1
Total Nitrogen	73900	0.05	mg/Kg	1	12/20/24	KDB	E351.1/E300.0-97
Volatile Solids @ 500C	92.7	0.1	%	1	12/11/24	KL1/EC	SM2540E MOD-15
Soil Extraction for PCB	Completed				12/14/24	A/A	SW3545A
Mercury Digestion	Completed				12/18/24	AC1/AC1	SW7471B
Total Metals Digest	Completed				12/13/24	P/AG	SW3050B

**Polychlorinated Biphenyls**

PCB-1016	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
PCB-1221	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
PCB-1232	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
PCB-1242	ND	390	ug/Kg	2	12/19/24	SC	SW8082A

Project ID: QUARTERLY SLUDGE  
 Client ID: DEWATERED SLUDGE

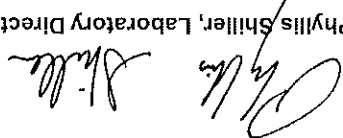
Phoenix I.D.: CS25565

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
P/CB-1248	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
P/CB-1254	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
P/CB-1260	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
P/CB-1262	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
P/CB-1268	ND	390	ug/Kg	2	12/19/24	SC	SW8082A
<b>QA/QC Surrogates</b>							
% DCBP	60		%	2	12/19/24	SC	30 - 150 %
% DCBP (Confirmation)	52		%	2	12/19/24	SC	30 - 150 %
% TCMX	42		%	2	12/19/24	SC	30 - 150 %
% TCMX (Confirmation)	42		%	2	12/19/24	SC	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.  
 All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.  
 The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 23, 2024

Reviewed and Released by: Makrina Nolan



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

December 23, 2024

## QA/QC Data

SDG I.D.: GCS25565

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	--------	---------------	------------	---------	-------	--------	---------	------	-------	--------	--------------	--------------

QA/QC Batch 763043 (mg/kg), QC Sample No: CS25259 2X (CS25565)

Mercury - Soil	BRL	0.03	0.26	0.23	12.2	89.0	87.1	2.2	106	98.7	7.1	70 - 130	30
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Comment:

Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.

QA/QC Batch 762476 (mg/kg), QC Sample No: CS25621 (CS25565)

### ICP Metals - Soil

Arsenic	BRL	0.67	4.89	4.32	NC	101	100	1.0	91.6			75 - 125	30
Beryllium	BRL	0.27	1.12	1.01	NC	103	103	0.0	99.4			75 - 125	30
Cadmium	BRL	0.33	0.61	0.58	NC	108	105	2.8	95.0			75 - 125	30
Chromium	BRL	0.33	25.3	23.9	5.70	107	105	1.9	101			75 - 125	30
Copper	BRL	0.67	17.2	17.9	4.00	102	100	2.0	108			75 - 125	30
Lead	BRL	0.33	27.9	23.4	17.5	103	102	1.0	99.5			75 - 125	30
Nickel	BRL	0.33	21.7	22.4	3.20	102	101	1.0	97.5			75 - 125	30
Zinc	BRL	0.67	95.4	89.7	6.20	99.7	97.7	2.0	96.2			75 - 125	30

Comment:

Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

December 23, 2024

## QA/QC Data

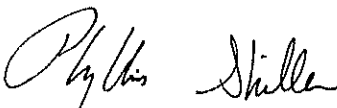
SDG I.D.: GCS25565

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 762579 (ug/Kg), QC Sample No: CS25529 2X (CS25565)										
<u>Polychlorinated Biphenyls - Sludge</u>										
PCB-1016	ND	5.7	66	62	6.3	58	63	8.3	40 - 140	30
PCB-1221	ND	5.7							40 - 140	30
PCB-1232	ND	5.7							40 - 140	30
PCB-1242	ND	5.7							40 - 140	30
PCB-1248	ND	5.7							40 - 140	30
PCB-1254	ND	5.7							40 - 140	30
PCB-1260	ND	5.7	63	81	25.0	71	69	2.9	40 - 140	30
PCB-1262	ND	5.7							40 - 140	30
PCB-1268	ND	5.7							40 - 140	30
% DCBP (Surrogate Rec)	48	%	54	84	43.5	72	72	0.0	30 - 150	30
% DCBP (Surrogate Rec) (Confirm)	61	%	67	73	8.6	62	81	26.6	30 - 150	30
% TCMX (Surrogate Rec)	52	%	59	53	10.7	49	58	16.8	30 - 150	30
% TCMX (Surrogate Rec) (Confirm)	49	%	56	54	3.6	51	55	7.5	30 - 150	30

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution

  
 Phyllis Shiller, Laboratory Director  
 December 23, 2024

Monday, December 23, 2024

Criteria: None

State: CT

## Sample Criteria Exceedances Report

GCS25565 - TWNMONTV

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
-----------	-------	-----------------	----------	--------	----	----------	----	----------------

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



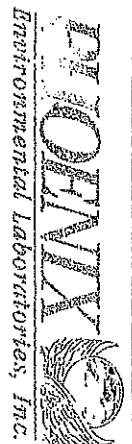
## Analysis Comments

December 23, 2024

SDG I.D.: GCS25565

---

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

**CHAIN OF CUSTODY RECORD**

WC EPA Temp 24  
 Date Delivery/Contact Options:

Customer: Montville WPCF  
 Address: F3 Pink Row  
Meraville, Ct. 06382

Project: Quarterly Sludge  
 Report to: Derek Albers  
 Invoice to: \_\_\_\_\_  
 QUOTE # \_\_\_\_\_

Project P.O.: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: dalbers@montvillewpcf.org

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification  
 Samplers Signature: Emily Serna Date: 12/11/24

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water MW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe Oil=Oil  
 B=Bulk L=Liquid X = (Other)

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
	<u>25505 Diverted Sludge</u>	<u>SL</u>	<u>12/11/24</u>	

Analysis Request	AS	BS	CS	GS	ES	PS	MS	NS	OS	TS	VS	WS	XS	YS	ZS
As	X														
Ba	X														
Be	X														
Bi	X														
Br	X														
Cd	X														
Co	X														
Cu	X														
Cr	X														
Fe	X														
Pb	X														
Mn	X														
Ni	X														
NO <sub>3</sub>	X														
NO <sub>2</sub>	X														
PCBs	X														
2,4,6-Tri	X														
Volatiles	X														
Formal	X														
Fixed	X														
Total	X														
Volatiles	X														

Requisitioned by: Emily Serna Accepted by: Emily Serna Date: 12/11/24 Time: 10:45

Comments, Special Requirements or Regulations: 40C

Turnaround Times:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

RI:  Direct Exposure (Residential)  Other

CI:  RCP Cert  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other

State where samples were collected: CT

SW Protection:  GW-1  GW-2  GW-3

GA Mobility:  S-1 GW-1  S-1 GW-2  S-1 GW-3

GB Mobility:  S-2 GW-1  S-2 GW-2  S-2 GW-3

Residential DEC:  S-3 GW-1  S-3 GW-2  S-3 GW-3

I/C DEC:  MWFRA eSMART  Other

Data Format:  Excel  PDF  GIS/Key  EQUIS  Other

Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Std Report

\* SURCHARGE APPLIES



Monday, September 23, 2024

Attn: Derek Albertson  
Town Of Montville WPCA  
83 Pink Row  
Uncasville, CT 06382

Project ID: QUARTERLY SLUDGE  
SDG ID: GCR60390  
Sample ID#s: CR60390

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301

Client Id	DEWATERED SLUDGE	Lab Id	CR60390	Matrix	SLUDGE
-----------	------------------	--------	---------	--------	--------

Project ID: QUARTERLY SLUDGE

SDG I.D.: GCR60390

# Sample Id Cross Reference

September 23, 2024

Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

**Analysis Report**  
 September 23, 2024

FOR: Attn: Derek Albertson  
 Town Of Montville WPCA  
 83 Pink Row  
 Uncasville, CT 06382

Sample Information

Matrix: SLUDGE  
 Location Code: TWNMONTV  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: CP  
 Analyzed by: see "By" below

Date                      Time  
 09/11/24                      8:45  
 09/11/24                      16:15

Laboratory Data

SDG ID: GCR60390  
 Phoenix ID: CR60390

Project ID: QUARTERLY SLUDGE  
 Client ID: DEWATERED SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 2.6	2.6	mg/Kg	1	09/16/24	TH	SW6010D
Beryllium	< 1.3	1.3	mg/Kg	1	09/16/24	TH	SW6010D
Cadmium	< 1.3	1.3	mg/Kg	1	09/17/24	TH	SW6010D
Chromium	9.5	1.3	mg/Kg	1	09/16/24	TH	SW6010D
Copper	286	1.3	mg/Kg	1	09/16/24	TH	SW6010D
Mercury	< 0.21	0.21	mg/kg	5	09/17/24	ZT	SW7471B
Nickel	11.2	1.3	mg/Kg	1	09/16/24	TH	SW6010D
Lead	11.0	1.3	mg/Kg	1	09/17/24	TH	SW6010D
Zinc	364	1.3	mg/Kg	1	09/16/24	TH	SW6010D
Total Solids @ 104C	8.20	0.1	%	1	09/11/24	KL1/EC	SM2540B-15
Fixed Solids @ 500C	10.9	0.1	%	1	09/11/24	KL1/EC	SM2540E MOD-15
Ammonia as Nitrogen	21100	932	mg/Kg	1	09/14/24	KDB	E350.1
Nitrite as N	< 1.22	1.22	mg/kg	10	09/11/24	DD/GD	SW9056A
Nitrate as N	< 6.10	6.10	mg/kg	10	09/11/24	DD/GD	SW9056A
pH - Sludge	6.83	1.00	pH Units	1	09/11/24 23:06	MW	SW9045D
Nitrogen Tot Kjeldahl	99000	1860	mg/Kg	1	09/14/24	KDB	E351.1
Total Nitrogen	99000	0.05	mg/Kg	1	09/18/24	KDB	E351.1/E300.0-97
Volatile Solids @ 500C	89.1	0.1	%	1	09/11/24	KL1/EC	SM2540E MOD-15
Soil Extraction for PCB	Completed				09/17/24	C/A	SW3545A
Mercury Digestion	Completed				09/12/24	AC1/AC1	SW7471B
Total Metals Digest	Completed				09/13/24	J/JAG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	300	ug/Kg	2	09/19/24	SC	SW8082A
PCB-1221	ND	300	ug/Kg	2	09/19/24	SC	SW8082A
PCB-1232	ND	300	ug/Kg	2	09/19/24	SC	SW8082A
PCB-1242	ND	300	ug/Kg	2	09/19/24	SC	SW8082A

Project ID: QUARTERLY SLUDGE  
 Client ID: DEWATERED SLUDGE

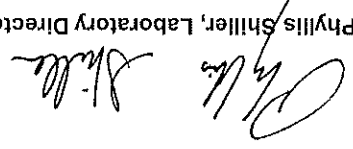
Phoenix I.D.: CR60390

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1248	ND	300	ug/kg	2	09/19/24	SC	SW8082A
PCB-1254	ND	300	ug/kg	2	09/19/24	SC	SW8082A
PCB-1260	ND	300	ug/kg	2	09/19/24	SC	SW8082A
PCB-1262	ND	300	ug/kg	2	09/19/24	SC	SW8082A
PCB-1268	ND	300	ug/kg	2	09/19/24	SC	SW8082A
<b>QA/QC Surrogates</b>							
% DCBP	68		%	2	09/19/24	SC	30 - 150 %
% DCBP (Confirmation)	77		%	2	09/19/24	SC	30 - 150 %
% TCMX	64		%	2	09/19/24	SC	30 - 150 %
% TCMX (Confirmation)	60		%	2	09/19/24	SC	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.  
 All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.  
 The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

  
 Phyllis Shiller, Laboratory Director

September 23, 2024

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

September 23, 2024

## QA/QC Data

SDG I.D.: GCR60390

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 748803 (mg/kg), QC Sample No: CR60300 2X (CR60390)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	94.1	107	12.8	113	120	6.0	70 - 130	30

Comment:

Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.

QA/QC Batch 749044 (mg/kg), QC Sample No: CR60298 (CR60390)

### ICP Metals - Soil

Arsenic	BRL	0.67	11.3	13.5	17.7	97.5	96.7	0.8	99.4			75 - 125	30
Beryllium	BRL	0.27	0.87	1.03	NC	100	97.6	2.4	101			75 - 125	30
Cadmium	BRL	0.33	0.51	0.64	NC	103	99.6	3.4	95.6			75 - 125	30
Chromium	BRL	0.33	37.0	45.3	20.2	99.3	97.7	1.6	101			75 - 125	30
Copper	BRL	0.67	26.9	32.7	19.5	97.2	95.9	1.3	107			75 - 125	30
Lead	BRL	0.33	26.2	25.0	4.70	97.4	95.3	2.2	102			75 - 125	30
Nickel	BRL	0.33	26.3	29.4	11.1	104	102	1.9	95.3			75 - 125	30
Zinc	BRL	0.67	70.7	94.4	28.7	98.4	96.8	1.6	98.9			75 - 125	30

Comment:

Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.







Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

September 23, 2024

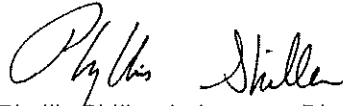
## QA/QC Data

SDG I.D.: GCR60390

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 749466 (ug/Kg), QC Sample No: CR59383 2X (CR60390)										
<u>Polychlorinated Biphenyls - Sludge</u>										
PCB-1016	ND	33	62	81	26.6	101	99	2.0	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	71	86	19.1	103	93	10.2	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	108	%	71	78	9.4	89	82	8.2	30 - 150	30
% DCBP (Surrogate Rec) (Confirm)	134	%	74	88	17.3	101	91	10.4	30 - 150	30
% TCMX (Surrogate Rec)	96	%	52	68	26.7	85	80	6.1	30 - 150	30
% TCMX (Surrogate Rec) (Confirm)	96	%	49	65	28.1	81	77	5.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution

  
 Phyllis Shiller, Laboratory Director  
 September 23, 2024

Monday, September 23, 2024

Criteria: None

State: CT

Sample No    Acode

Phoenix Analyte

Criteria

Result

RL

Criteria

RL  
Criteria

Analysis  
Units

## Sample Criteria Exceedances Report

### GCR60390 - TWNMONTV

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



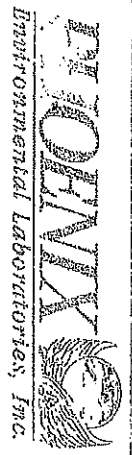
## Analysis Comments

September 23, 2024

SDG I.D.: GCR60390

---

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 646-0823  
Client Services (860) 645-8728

CHAIN OF CUSTODY RECORD

Lab # 160 Temp 16.0 C Pg 1 of 1  
Data Delivery/Contact Options:

Fax  
 Phone  
 Email: clay@phoenixlabs.com

Customer: Mountainville WPCF  
Address: 13 Pink Row  
Merrellville, Ct. 06382

Project: Quartzite Sludge  
Report to: Derek Alveston  
Invoice to: \_\_\_\_\_  
QUOTE # \_\_\_\_\_

Project P.O.: \_\_\_\_\_  
**This section MUST be completed with Bottle Quantities.**

Client Sample - Information - Identification  
Date: 9/11/24  
Signature: [Signature]

Matrix Code: GW=Ground Water SW=Surface Water WW=Waste Water  
DW=Drinking Water SE=Sediment SL=Sludge S=Soil SD=Solid WI=Wipe Oil=Oil  
R=Raw Water L=Liquid X=(Other)

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	RI	CI	MMA	Data Format
CAD390	Quartzite Sludge	SL	9/11/24	0845	AS Br Ca Cu Cr Fe Hg Mn Ni NO3 NO2 Pb PCBs P Se Tds Total Volatile	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Relinquished by: [Signature] Accepted by: [Signature] Date: 9/11/24 11:25 Time: 1615

Comments, Special Requirements or Regulations:

Turnaround Time:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

\* SURCHARGE APPLIES

State where samples were collected: CT

\* SURCHARGE APPLIES

Data Format:  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other  
 Data Package  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other



Wednesday, June 26, 2024

Attn: Derek Albertson  
Town Of Montville WPCA  
83 Pink Row  
Uncasville, CT 06382

Project ID: QUARTERLY SLUDGE  
SDG ID: GCQ93608  
Sample ID#s: CQ93608

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301

Client Id	DEWATERED SLUDGE	Lab Id	CQ93608	Matrix	SLUDGE
-----------	------------------	--------	---------	--------	--------

Project ID: QUARTERLY SLUDGE

SDG I.D.: GCQ93608

### Sample Id Cross Reference June 26, 2024

Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

June 26, 2024

FOR: Attn: Derek Albertson  
 Town Of Montville WPCA  
 83 Pink Row  
 Uncasville, CT 06382

## Sample Information

Matrix: SLUDGE  
 Location Code: TWNMONTV  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: B  
 Analyzed by: see "By" below

Date: 06/12/24

Time: 16:00

## Laboratory Data

SDG ID: GCQ93608  
 Phoenix ID: CQ93608

Project ID: QUARTERLY SLUDGE  
 Client ID: DEWATERED SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 3.5	3.5	mg/Kg	1	06/13/24	CPP	SW6010D
Beryllium	< 1.7	1.7	mg/Kg	1	06/13/24	CPP	SW6010D
Cadmium	< 1.7	1.7	mg/Kg	1	06/13/24	CPP	SW6010D
Chromium	5.2	1.7	mg/Kg	1	06/13/24	CPP	SW6010D
Copper	202	1.7	mg/Kg	1	06/13/24	CPP	SW6010D
Mercury	< 0.25	0.25	mg/kg	5	06/18/24	AL1	SW7471B
Nickel	7.2	1.7	mg/Kg	1	06/13/24	CPP	SW6010D
Lead	5.6	1.7	mg/Kg	1	06/13/24	CPP	SW6010D
Zinc	237	1.7	mg/Kg	1	06/13/24	CPP	SW6010D
Total Solids @ 104C	6.83	0.1	%	1	06/12/24	SH/EC	SM2540B-15
Fixed Solids @ 500C	11.2	0.1	%	1	06/12/24	SH/EC	SM2540E MOD-15
Ammonia as Nitrogen	1780	917	mg/Kg	1	06/13/24	KDB	E350.1
Nitrite as N	< 1.46	1.46	mg/kg	10	06/13/24	BS/GD	SW9056A
Nitrate as N	< 7.32	7.32	mg/kg	10	06/13/24	BS/GD	SW9056A
pH - Sludge	6.79	1.00	pH Units	1	06/12/24 23:20	MW	SW9045D
Nitrogen Tot Kjeldahl	51400	1980	mg/Kg	1	06/22/24	KDB	E351.1
Total Nitrogen	51400	0.05	mg/Kg	1	06/25/24	KDB	E351.1/E300.0-97
Volatile Solids @ 500C	88.8	0.1	%	1	06/12/24	SH/EC	SM2540E MOD-15
Soil Extraction for PCB	Completed				06/13/24	C/A	SW3545A
Mercury Digestion	Completed				06/17/24	RB/RB	SW7471B
Total Metals Digest	Completed				06/12/24	J/P	SW3050B

## Polychlorinated Biphenyls

PCB-1016	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
PCB-1221	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
PCB-1232	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
PCB-1242	ND	440	ug/Kg	2	06/17/24	SC	SW8082A

Phoenix I.D.: CQ93608

Project ID: QUARTERLY SLUDGE  
 Client ID: DEWATERED SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PGB-1248	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
PGB-1254	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
PGB-1260	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
PGB-1262	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
PGB-1268	ND	440	ug/Kg	2	06/17/24	SC	SW8082A
<b>QA/QC Surrogates</b>							
% DCBP	64		%	2	06/17/24	SC	30 - 150 %
% DCBP (Confirmation)	63		%	2	06/17/24	SC	30 - 150 %
% TCMX	51		%	2	06/17/24	SC	30 - 150 %
% TCMX (Confirmation)	48		%	2	06/17/24	SC	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

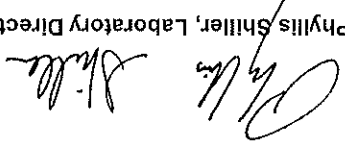
**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Corrosivity is based solely on the pH analysis performed above.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

  
 Phyllis Shiller, Laboratory Director

June 26, 2024

Reviewed and Released by: Rashmi Makol, Project Manager





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

June 26, 2024

## QA/QC Data

SDG I.D.: GCQ93608

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 736177 (mg/kg), QC Sample No: CQ93487 2X (CQ93608)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	105	112	6.5	84.7	71.5	16.9	70 - 130	30 m

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

QA/QC Batch 735565 (mg/kg), QC Sample No: CQ93691 (CQ93608)

### ICP Metals - Soil

Arsenic	BRL	0.67	1.67	1.93	NC	89.1	101	12.5	100			75 - 125	35
Beryllium	BRL	0.27	0.30	0.36	NC	92.2	100	8.1	107			75 - 125	35
Cadmium	BRL	0.33	<0.36	<0.37	NC	89.6	102	12.9	104			75 - 125	35
Chromium	BRL	0.33	11.2	14.3	24.3	93.4	104	10.7	108			75 - 125	35
Copper	BRL	0.67	13.0	14.3	9.50	88.7	98.7	10.7	109			75 - 125	35
Lead	BRL	0.33	7.55	8.57	12.7	86.8	98.9	13.0	106			75 - 125	35
Nickel	BRL	0.33	8.78	10.3	15.9	92.9	105	12.2	107			75 - 125	35
Zinc	BRL	0.67	27.4	32.8	17.9	87.6	98.7	11.9	106			75 - 125	35

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

m = This parameter is outside laboratory MS/MSD specified recovery limits.





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

June 26, 2024

## QA/QC Data

SDG I.D.: GCQ93608

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
QA/QC Batch 735758 (ug/Kg), QC Sample No: CQ90403 2X (CQ93608)										
<u>Polychlorinated Biphenyls - Sludge</u>										
PCB-1016	ND	33	71	71	0.0	65	54	18.5	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	76	76	0.0	68	59	14.2	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	65	%	62	70	12.1	60	56	6.9	30 - 150	30
% DCBP (Surrogate Rec) (Confirm)	68	%	63	63	0.0	60	53	12.4	30 - 150	30
% TCMX (Surrogate Rec)	57	%	58	57	1.7	48	45	6.5	30 - 150	30
% TCMX (Surrogate Rec) (Confirm)	56	%	57	52	9.2	47	41	13.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller, Laboratory Director  
 June 26, 2024

Wednesday, June 26, 2024

Criteria: None

State: CT

Sample No    Acode

Phoenix Analyte

Criteria

Result

RL

Criteria

RL  
Criteria

Analysis  
Units

## Sample Criteria Exceedances Report

### GCCQ93608 - TWNMONTV

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



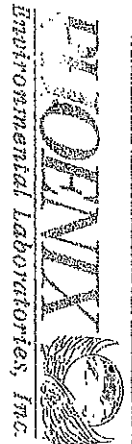
## Analysis Comments

June 26, 2024

SDG I.D.: GCQ93608

---

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

CHAIN OF CUSTODY RECORD

Customer: Montville VPCF  
 Address: F3 Pink Row  
Meriden, Ct. 06382

Project: Quarterly Sludge  
 Report to: Derek Alderson  
 Invoice to: \_\_\_\_\_  
 QUOTE # \_\_\_\_\_

UOJANT: 1000  
 Temp: 10 °C Pg. 10 of 10  
 Data Delivery/Contact Options:  
 Fax: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: dshelden@phoenixlabs.com  
 Project P.O.: \_\_\_\_\_

Sampler's Signature: Erin Smith Date: 6/13/04  
 Client Sample - Information - Identification

Matrix Code: \_\_\_\_\_  
 DW=Drinking Water GW=Ground Water SF=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid WI=Wipe Oil=Oil  
 B=Bulk L=Liquid X = (Other)

PHOENIX USE ONLY  
 SAMPLE # 93008 Customer Sample Identification SL Sample Matrix SL Date Sampled 6/13/04 Time Sampled \_\_\_\_\_

Relinquished by:	Accepted by:	Date:	Time:
<u>Erin Smith</u>	<u>Derek Alderson</u>	<u>6/13/04</u>	<u>10:30</u>

Analysis Request	As	Be	Co	Cd	Cr	Pb	Mn	Ni	NH <sub>4</sub>	NO <sub>2</sub>	NO <sub>3</sub>	TN	TP	VC	WV	Other
<u>As Be Co Cr Pb Ni NH<sub>4</sub> NO<sub>2</sub> NO<sub>3</sub> TN TP VC WV</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This section MUST be completed with Bottle Quantities.

- GL Amber 8 oz w/H<sub>2</sub>PO<sub>4</sub>
- Soil VOA Vials ( ) 120
- GL Soil container ( ) 40 ml
- GL Amber 1000ml ( ) 1000ml
- PL H<sub>2</sub>SO<sub>4</sub> ( ) 250ml ( ) 500ml ( ) 1000ml
- PL HNO<sub>3</sub> 250ml
- PL NaOH 250ml
- Bacteria Bode as is

Comments, Special Requirements or Regulations: \_\_\_\_\_

Turnaround Time:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other \_\_\_\_\_

RI  Direct Exposure (Residential)  
 GW  
 Other \_\_\_\_\_

CI  RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other \_\_\_\_\_

M/A  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1 GW-1  S-1 GW-2  S-1 GW-3  
 S-2 GW-1  S-2 GW-2  S-2 GW-3  
 S-3 GW-1  S-3 GW-2  S-3 GW-3  
 MWRRA eS/MART  Other \_\_\_\_\_

Data Format:  Excel  PDF  GIS/Key  EQUIS  Other \_\_\_\_\_

Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other \_\_\_\_\_

\* SURCHARGE APPLIES

State where samples were collected: CT



Thursday, March 21, 2024

Attn: Mr. John Lilly  
Town Of Montville WPCA  
83 Pink Row  
Uncasville, CT 06382

Project ID: QUARTERLY SLUDGE  
SDG ID: GCQ26518  
Sample ID#s: CQ26518

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,



Phyllis/Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301

Client Id	DEWATERED SLUDGE	Lab Id	CQ26518	Matrix	SLUDGE
-----------	------------------	--------	---------	--------	--------

Project ID: QUARTERLY SLUDGE

SDG I.D.: GCQ26518

### Sample Id Cross Reference March 21, 2024

Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823







Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 21, 2024

FOR: Attn: Mr. John Lilly  
 Town Of Montville WPCA  
 83 Pink Row  
 Uncasville, CT 06382

## Sample Information

Matrix: SLUDGE  
 Location Code: TWNMONTV  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

03/13/24  
 03/13/24

## Time

10:47  
 16:41

## Laboratory Data

SDG ID: GCQ26518  
 Phoenix ID: CQ26518

Project ID: QUARTERLY SLUDGE  
 Client ID: DEWATERED SLUDGE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	< 4.2	4.2	mg/Kg	1	03/15/24	TH	SW6010D
Beryllium	< 2.1	2.1	mg/Kg	1	03/15/24	TH	SW6010D
Cadmium	< 2.1	2.1	mg/Kg	1	03/15/24	TH	SW6010D
Chromium	3.7	2.1	mg/Kg	1	03/15/24	TH	SW6010D
Copper	162	2.1	mg/Kg	1	03/15/24	TH	SW6010D
Mercury	< 0.46	0.46	mg/kg	5	03/14/24	GW	SW7471B
Nickel	4.0	2.1	mg/Kg	1	03/15/24	TH	SW6010D
Lead	5.4	2.1	mg/Kg	1	03/15/24	TH	SW6010D
Zinc	209	2.1	mg/Kg	1	03/15/24	TH	SW6010D
Percent Solid	4.06	0.05	%		03/14/24		SW846-%Solid
Total Solids @ 104C	4.06	0.1	%	1	03/14/24	ER/NP	SM2540B-15
Fixed Solids @ 500C	8.1	0.1	%	1	03/14/24	ER/NP	SM2540E MOD-15
Ammonia as Nitrogen	< 1540	1540	mg/Kg	1	03/20/24	KDB	E350.1
Nitrite as N	< 2.46	2.46	mg/kg	10	03/14/24	BS/GD	SW9056A
Nitrate as N	< 12.3	12.3	mg/kg	10	03/14/24	BS/GD	SW9056A
Organic Nitrogen	47800	3090	mg/Kg	1	03/20/24	KDB	E350.1/E350.2
pH - Sludge	6.28	1.00	pH Units	1	03/13/24 20:44	MW	SW9045D
Total Nitrogen	47800	0.05	mg/Kg	1	03/20/24	KDB	E351.1/E300.0-97
Volatile Solids @ 500C	91.9	0.1	%	1	03/14/24	ER/NP	SM2540E MOD-15
Soil Extraction for PCB	Completed				03/15/24	C/A	SW3545A
Mercury Digestion	Completed				03/14/24	HL/HL	SW7471B
Total Metals Digest	Completed				03/14/24	LIAG/BF	SW3050B

## Polychlorinated Biphenyls

PCB-1016	ND	560	ug/Kg	2	03/20/24	SC	SW8082A
PCB-1221	ND	560	ug/Kg	2	03/20/24	SC	SW8082A
PCB-1232	ND	560	ug/Kg	2	03/20/24	SC	SW8082A

Project ID: QUARTERLY SLUDGE  
 Client ID: DEWATERED SLUDGE

Phoenix I.D.: CQ26518

Parameter	Result	PQL	Units	Dilution	Date/Time	By	Reference
P/CB-1242	ND	560	ug/kg	2	03/20/24	SC	SW8082A
P/CB-1248	ND	560	ug/kg	2	03/20/24	SC	SW8082A
P/CB-1254	ND	560	ug/kg	2	03/20/24	SC	SW8082A
P/CB-1260	ND	560	ug/kg	2	03/20/24	SC	SW8082A
P/CB-1262	ND	560	ug/kg	2	03/20/24	SC	SW8082A
P/CB-1268	ND	560	ug/kg	2	03/20/24	SC	SW8082A
<b>QA/QC Surrogates</b>							
% DCBP	82		%	2	03/20/24	SC	30 - 150 %
% DCBP (Confirmation)	79		%	2	03/20/24	SC	30 - 150 %
% TCMX	55		%	2	03/20/24	SC	30 - 150 %
% TCMX (Confirmation)	63		%	2	03/20/24	SC	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

*[Signature]*  
 Phyllis Shiller, Laboratory Director

March 21, 2024

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

March 21, 2024

## QA/QC Data

SDG I.D.: GCQ26518

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 722162 (mg/kg), QC Sample No: CQ26406 2X (CQ26518)													
Mercury - Soil	BRL	0.03	0.49	0.55	11.5	95.0	105	10.0	110	75.5	37.2	70-130	30

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

QA/QC Batch 722286 (mg/kg), QC Sample No: CQ26523 (CQ26518)

### ICP Metals - Soil

Arsenic	BRL	0.67	4.69	5.26	11.5	96.5	93.1	3.6	96.5			75-125	35
Beryllium	BRL	0.27	0.56	0.62	NC	104	101	2.9	99.6			75-125	35
Cadmium	BRL	0.33	0.49	0.60	NC	100	96.9	3.1	95.8			75-125	35
Chromium	BRL	0.33	17.4	18.1	3.90	104	101	2.9	103			75-125	35
Copper	BRL	0.67	25.2	32.1	24.1	107	104	2.8	109			75-125	35
Lead	BRL	0.33	39.6	49.4	22.0	104	101	2.9	100			75-125	35
Nickel	BRL	0.33	15.6	16.9	8.00	104	101	2.9	101			75-125	35
Zinc	BRL	0.67	74.1	81.6	9.60	103	99.1	3.9	99.0			75-125	35

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

r = This parameter is outside laboratory RPD specified recovery limits.

# QA/QC Report

March 21, 2024

Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



## QA/QC Data

SDG I.D.: GCQ26518

Parameter	Bk	Sample	Dup	Dup	LCS	LCSD	LCS	MS	MSD	MS	Rec	RPD	Blank	RL
	Result	Result	Result	Result	%	%	%	%	%	%	RPD	Limit	RPD	Limit

QA/QC Batch 722147 (%), QC Sample No: CQ25740 (CQ26518)	BRL	0.1	23.9	24.2	1.20	100									
Total Solids	BRL	0.1	23.9	24.2	1.20	100									
QA/QC Batch 722126 (PH), QC Sample No: CQ26496 (CQ26518)															
pH		8.79	8.78	0.10	101										
QA/QC Batch 722202 (mg/L), QC Sample No: CQ25885 (CQ26518)	BRL	0.05	3.28	3.09	6.00	102									
Nitrate as Nitrogen	BRL	0.05	3.28	3.09	6.00	102									
Nitrite as Nitrogen	BRL	0.004	<0.004	<0.004	NC	100									
QA/QC Batch 722798 (mg/kg), QC Sample No: CQ26016 17.5X (CQ26518)	BRL	3.51	2310	2250	2.60	96.7									
Ammonia as Nitrogen	BRL	3.51	2310	2250	2.60	96.7									
Organic Nitrogen	BRL	3.51	34400	36450	5.80	104									
Comment:															
TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.															

85 - 115	20	30
90 - 110	20	20
90 - 110	20	20
85 - 115	20	20
75 - 125	30	30
75 - 125	30	30



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102

# QA/QC Report

March 21, 2024

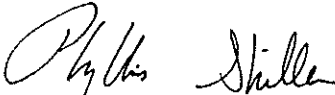
## QA/QC Data

SDG I.D.: GCQ26518

Parameter	Blank	Bik RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 722472 (ug/Kg), QC Sample No: CQ22837 2X (CQ26518)										
<b>Polychlorinated Biphenyls - Sludge</b>										
PCB-1016	ND	33	77	72	6.7	79	81	2.5	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	84	76	10.0	80	85	6.1	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	81	%	84	79	6.1	82	88	7.1	30 - 150	30
% DCBP (Surrogate Rec) (Confirm)	90	%	80	75	6.5	79	84	6.1	30 - 150	30
% TCMX (Surrogate Rec)	65	%	69	67	2.9	68	72	5.7	30 - 150	30
% TCMX (Surrogate Rec) (Confirm)	64	%	64	61	4.8	63	67	6.2	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 March 21, 2024

Thursday, March 21, 2024

Criteria: None

State: CT

Sample No    Acode

Phoenix Analyte

Criteria

Result

RL

Criteria

RL  
Criteria

Analysis  
Units

\*\*\* No Data to Display \*\*\*

## Sample Criteria Exceedances Report

GCO26518 - TWINMONTV

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



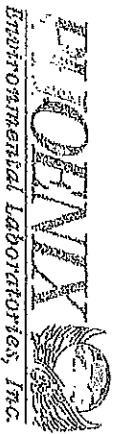
## Analysis Comments

March 21, 2024

SDG I.D.: GCQ26518

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The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax: (860) 645-0823  
 Client Services (860) 645-8726

CHAIN OF CUSTODY RECORD

Version: 1.0  
 Date: 1/13/2011

Customer: Northville VPC  
 Address: 83 Pick Row  
Northville, Ct. 06382

Project: Quarterly Sludge  
 Report to: Drink Alcohols  
 Invoice to:  
 QUOTE #

Project P.O.:  
 This section MUST be completed with Bottle Quantities.

Sampler's Signature: [Signature] Date: 2/13/2011  
 Client Sample - Information - Identification

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water MW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe Oil=Oil  
 B=Surf L=Liquid X= (Other)

PHOTOMIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	RI	GI	MVA	Data Format
2018	Disinfectant Sludge	SL	3/13/2011	16:47	As Be Cd Cu Cr Pb Ni Ni2+ NO3 NO4 Pb Pb2+ Pb4 Se Se2+ Se4 Sb Sb2+ Sb4 Si Tl V W Zn Zn2+ Zn4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> ECUS <input type="checkbox"/> Other

Refinishing INC  
 Accepted by: [Signature] Date: 3/13/2011 Time: 11:15  
 Comments, Special Requirements or Regulations:  
VPC USE AS ORIGINAL

Turnaround Time:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES

State where samples were collected: CT  
 RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other  
 MWRA eSMART  
 Other

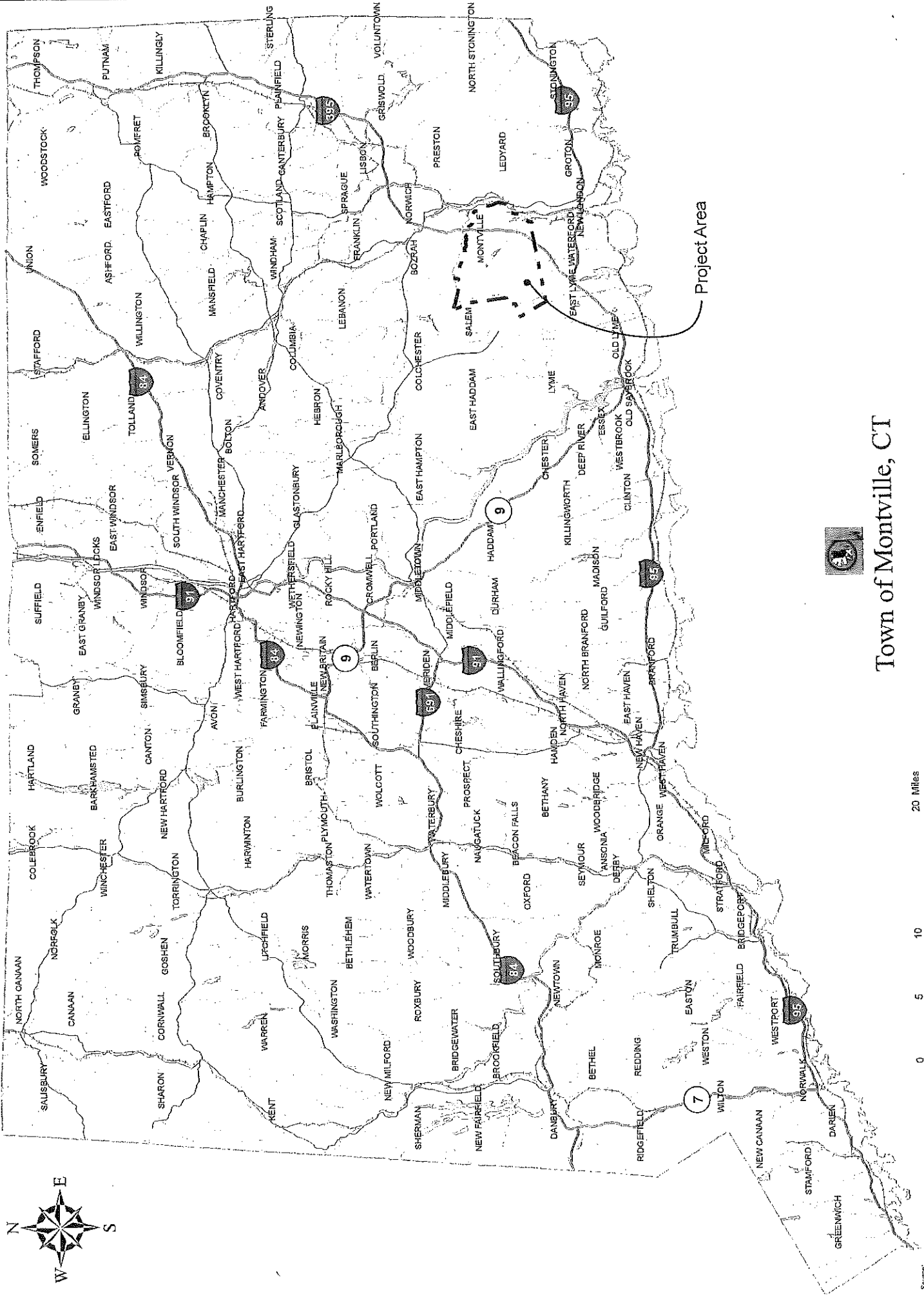
\* SURCHARGE APPLIES  
 Data Package  
 Tier II Checklist  
 Full Data Package  
 Phoenix Std Report  
 Other



# Appendix B

## Site Plans

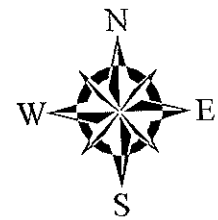




# Town of Montville, CT

Source: Base coverage: obtained from the CT Department of Environmental Protection (CT DEP) and Map and Geographic Information Center (MAGIC).  
 University of Connecticut, Hermer Publications, Inc.

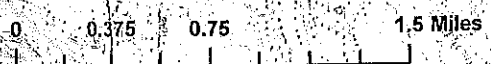
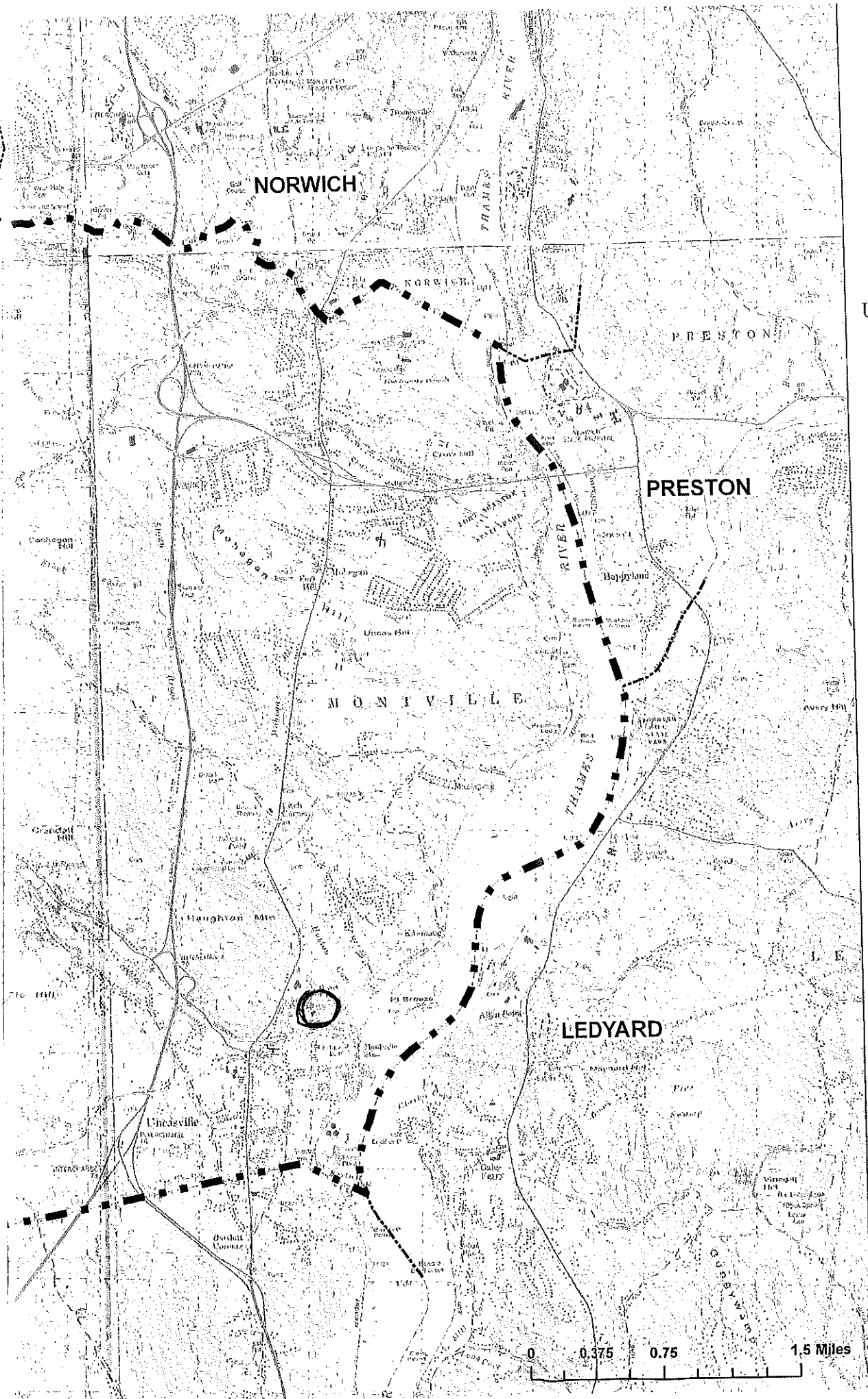




USGS Topographical  
Map

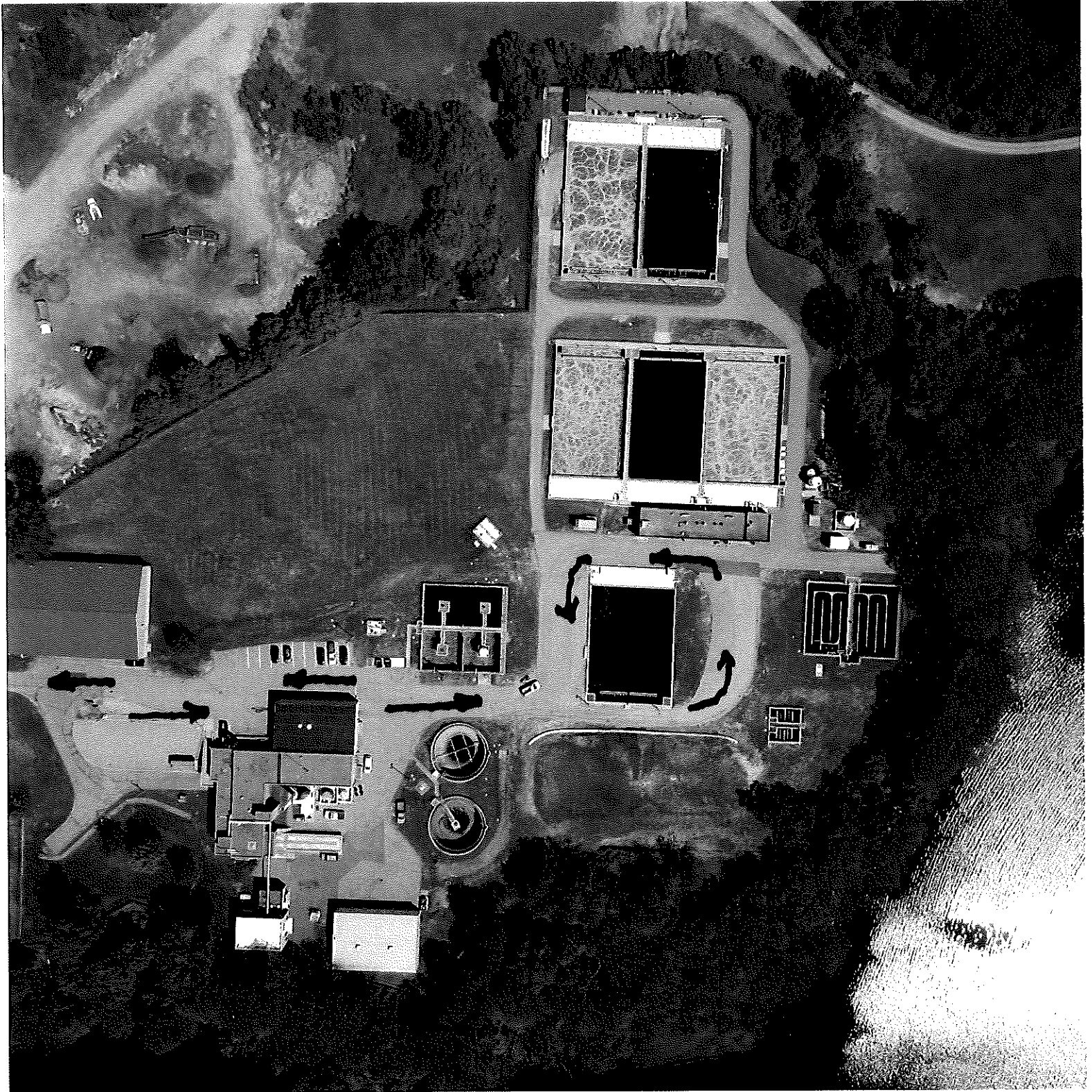


Town of  
Montville, CT





# LOADING



LOADING





Drainage Areas

Area	Acres	% Impervious
1	0.9	4
2	2.8	35
3	4.4	31
4	1.3	42
5	0.1	48
OTHER	5.5	0.04

