

REQUEST FOR PROPOSAL  
TOWN OF LEE  
SLUDGE DISPOSAL  
2016

The Town of Lee, Department of Public Works requests proposals for the transportation and disposal of sludge from its Wastewater Treatment Plant. Bid documents are available immediately at:

Department of Public Works  
45 Railroad Street  
Lee, MA 01238

Sealed proposals will be accepted at the above office until 2:00 PM on Tuesday, March 22, 2016.  
The Town of Lee reserves the right to accept or reject any or all bids as deemed in the best interest of the Town.

**REQUEST FOR PROPOSALS**  
**WASTEWATER TREATMENT PLANT**  
**SLUDGE REMOVAL AND DISPOSAL**

The Town of Lee, Massachusetts invites sealed proposals for the removal and disposal of liquid wastewater sludge with an average solids content of 3% to 6%.

Proposals will be received at the offices of the Department of Public Works, 45 Railroad Street, Lee, Massachusetts, 01238, until 2:00 p.m. March 22, 2016. At which time the bids shall be opened and read aloud.

Request for Proposal packages may be obtained, during normal business hours, from the aforementioned location.

Proposals shall be submitted in sealed envelopes, with the following clearly marked on the lower left hand corner of the front side of the envelope:

**“SLUDGE DISPOSAL 2016, LEE WWTP”**

The Town reserves the right to reject any and all proposals in whole or in part and to waive minor informalities when at its sole discretion, said action is deemed to be in the best interest of the Town.

## **INFORMATION FOR BIDDERS**

The Town of Lee, as the Awarding Authority, invites Sealed Proposals for the removal and proper disposal of sewage sludge generated in and by the Town of Lee at the Town's municipal Wastewater Treatment Facility (WWTF) located off Route 102 in Lee, Massachusetts. Wastewater treatment at this facility is a Sequential Batch Reactor (SBR). Sludge processing at the WWTF consists of thickening waste activated sludge followed by the addition of chemicals, and by dewatering through a rotary drum thickener.

In accordance with the detailed request for proposal, the Town desires to contract for the removal and proper disposal of sludge generated at the aforementioned facility for a two-year period, with an option to the Town to extend the contract for all or a portion of the following one (1) year. The dates of the contract are as set forth in Section 1.5.

For the purpose of providing the sludge at a consistency that is flowable and disposable at an approved disposal facility, the sludge will be processed to an average solids content of 3% - 6% at the WWTF. (Sludge Analysis is attached).

The Town will not guarantee the production of a minimum quantity of sludge under this contract. The data regarding current production may be relied upon as to the accuracy of record keeping, but the Town does not warrant nor guarantee that the data is indicative of future sludge production.

Since the amount of sludge is being estimated by empirical data only, all bidders should consider the following:

1. The removal and proper disposal of sludge under this contract is for a Period of two years; the Town reserves the right to exercise its option for an additional (1) year.
2. It can be assumed that future flows and loadings at the plant will be the same or slightly greater than previous flows and loadings.
3. The previous data from the five prior years is as follows:

<u>Year</u>	<u>Gallons Transported</u>	<u>Average Solids</u>
2011	1,300,000	3.0%
2012	1,800,000	3.7%
2013	1,400,000	3.9%
2014	1,300,000	4.3%
2015	1,450,000	3.6%

## **SECTION 1 – SCOPE OF WORK**

### **1.0 General**

The collection point to be used by the Contractor for the term of this contract shall be the Lee Wastewater Treatment Facility off Route 102 in Lee, Massachusetts. This contract shall include the removal and proper disposal of liquid sludge generated by the aforementioned facility during the term of the contract.

Notwithstanding any projections contained in the RFP, the Town makes no commitment on the total gallonage for the term of the contract, and the bids are solicited on a unit cost per gallon basis.

The Town reserves the right not to award the contract, if it is in the Town's best interest to do so.

**1.1 Frequency of Pick-Up.** The WWTF operates 24 hours per day. The response time for picking up full loads (6,500 - 9,000 gallons) must be within 12 hours, for purposes of storage capacity and odor control. When full, the filled storage tank at the WWTF will be pumped into the Contractor's transport vessel using their own pumping equipment. The Contractor will be responsible for the removal to, and proper disposal at, an approved disposal facility.

**1.2 Pick-Up Times.** The Contractor shall make pick-ups within 12 hours of being notified by the WWTF staff that the storage tank is full to assure that no filled vessel remains on site for a period of longer than 12 hours. Pick-ups shall only be made between the hours of 7:00 AM and 1:00 PM, and if needed weekends and holidays.

**1.3 Materials for which Contractor is responsible.** The Contractor will be responsible for the removal and proper disposal of all sludge as defined and described within. This shall include all connecting piping, hoses, pumps and appurtenances required to transfer the sludge into their vessel, especially during winter operations.

**1.4 Materials for which Contractor is not responsible.** Hazardous and Radioactive Waste defined, as from time to time determined under state and federal law, but not limited by their enumeration:

40 CFR Section 261.3  
42 USC Section 6921-6925  
42 USC Section 6901 et. seq.

**1.5 Contract Period.** The dates or term during which this contract shall be performed, commencing April 1, 2016 and ending March 31, 2018 unless extended by option until April 1, 2019.

Bidders will be required to honor the price for the removal and disposal of all sludge actually produced by the WWTF during the contract period. Bids must be expressed as a unit cost per gallon at 3% - 6% solids content for the sludge transportation and disposal costs. Billing shall be based on thickened sludge flow meter reading located in the basement of the head works building adjacent to the loading area.

The Contractor shall be required to provide suitable pumping equipment for the transfer of sludge from the Town's storage tank to the Contractor's transport vessel. The Contractor will furnish and use all modern equipment and adequate personnel necessary to complete the removal and disposal operations. Vessels for the transportation of wastewater treatment plant sludge must be watertight in order to effectively control and prevent leakage from the vessel.

Trucks must be equipped with proper freeze protection devices for wintertime operation. Failure to provide this properly operable equipment will result in termination of the contract by the Owner.

The WWTF presently has the capacity to store up to 18,500 gallons of liquid sludge with a solids concentration of 3% - 6%.

The Contractor is responsible for obtaining all permits required for the transportation and disposal of liquid sludge. Sludge removed from site, which then becomes the property of the Contractor, must be properly disposed of at an approved facility which accepts sludge or the reprocessing of sludge to product which does not require disposal in a landfill.

### **1.6 Contract Payment Schedule.**

- 1.6.1 All contract payments shall be subject to an appropriation by the Town of Lee on an annual basis.
- 1.6.2 Payment for the removal and proper disposal of sludge shall be on a per Gallon basis which is based on documentation of volume amount for each Load taken as measured in the transport tanker.
- 1.6.3 Actual payment for the above identified services shall be paid monthly by the Town based on appropriately documented invoices by the Contractor.

**1.7 No Additional Compensation.** The Contractor shall perform the work and provide all services under the Contract and shall not be entitled to any compensation in addition to the amount provided under the Contract for the term of the Contract.

**1.8 Spillage of Materials.** If at any time materials covered under this Contract or the contents of a transport vessel are spilled onto a street or any property, whether publicly or privately owned, the Contractor shall clean up the spilled or illegally dumped material immediately, at no cost to the Town. The materials shall be cleaned up sufficiently so as to restore the cleanliness of the property and the safety of the occupants, and the Contractor shall pay all costs, including those to the Town for legal services, fees, fines and penalties associated with the spillage or dumping.

**1.9 Right of Off-Set.** If the Town incurs any expenses and/or damages as direct result of the Contractor's improper execution of the Contract or if the Contractor fails to perform the Contract, the Town has the right to reduce any monthly payment by the amount, hereinafter referred to as the "off-set", of incurred expenses and/or damages on a prorated basis for each day of nonperformance. The Town shall hold the off-set in escrow and shall notify the Contractor in writing within seven days of the specific reasons and the amount for any such off-set. If the Contractor does not object in writing and with specific reasons within fifteen days to the off-set, the Contractor will be deemed to have waived any right to the off-set. If the Contractor does object with reasons against the off-set, the Town shall hold the off-set in escrow until the dispute is settled pursuant to the terms of this Contract.

**1.10 Reporting.** The Contractor shall prepare and submit to the Town, with each monthly billing, a monthly report containing the following:

- 1. An up-to-date log of collections from the WWTF and delivery to disposal facilities indicating dates and times of pick-ups, amounts and types of materials, and dates, times, names and locations of disposal facilities.

2. Where and when applicable, incident reports of spillages or illegal dumping.

**1.11 Insurance Requirements.** The Contractor must obtain and maintain during the entire Contract period, at the Contractor's expense, insurance coverage as set forth below:

Comprehensive liability, including bodily and personal injury, property damage, and contractual liability.	\$1,000,000 per occurrence \$3,000,000 aggregate
Automobile comprehensive liability to include owned, hired and non-owned vehicles and equipment.	\$1,000,000 per occurrence \$3,000,000 aggregate
Excess liability (umbrella coverage)	As required to provide a minimum \$5,000,000 per occurrence

In addition, during the entire Contract period, the Contractor, at their own expense, shall maintain for its employees all Workmen's Compensation Insurance as required by the laws of the Commonwealth of Massachusetts.

**1.12 Bond Requirements.** The successful Bidder shall be required to furnish a payment and performance bond, in the amount of one hundred percent (100%) of the Contract award, not later than ten (10) working days after the Notice of Award. Bonds will be in force for the terms of the Contract.

**1.13 Indemnification.** The Contractor acknowledges that they are independent and responsible for their own acts and performance, including the acts their employees and performance of their equipment. In addition to maintaining the required insurance, the Contractor shall defend, hold harmless, and indemnify the Town, its officials, officers and employees against all claims and suits, even if frivolous, and from liability and judgments arising from or concerning the Contract or the performances of the Contract. The Contractor shall also be liable for all deductibles payable under any insurance coverage.

**1.114 Permits and Licenses.** The Contractor, at their own expense, shall obtain and maintain throughout the entire Contract period, all permits, licenses and approvals required for the Contractor to perform the work and services described herein. No permits are required by the Town of Lee; one blanket permit for the company is acceptable.

**1.115 Certification of Tax Compliance.** The Contract must include a certification of tax compliance by the Contractor, as required by the General Laws Chapter 62C, Section

49A (Requirement of Tax Compliance by all Contractors Providing Goods, Services or Real Estate Space to the Commonwealth or Subdivision).

**1.16 Changes to the Contract.** The Town and the Contractor may agree to make changes to the Contract. All changes in the Contract shall be in writing and shall be signed by both parties.



## **SECTION 2 – PROPOSAL REQUIREMENTS**

**2.1 Proposals.** Sealed proposals will be accepted until March 22, 2016 at 2:00 p.m. at the office of the Department of Public Works 45 Railroad Street, Lee, Massachusetts, 01238.

**2.2 Bid Security.** Security deposits will be required, to be submitted with the Proposal, in the form of Bid Bond, certified check or cashier's check from a recognized bank, trust company or institution in the amount of five percent (5%) of the total bid price for the one year Contract term, payable to the Town of Lee. Should any Bidder to whom an award is made fail to enter into a Contract with the Town of Lee within ten (10) days of the Notice of Award is issued, or fail within such time to furnish payment and performance bonds as required, the amount of the Bid Security shall become the property of the Town of Lee as liquidated damages for such failure. Thereafter, the Town of Lee may proceed to award the Contract to the next lowest responsible Bidder.

**2.3 Bonds.** The successful Bidder will be required to furnish Payment and Performance Bonds, satisfactory to the Town and Town Counsel, specifying both the Contractor and all Sub-Contractors, in the amount of one hundred percent (100%) of the two year contract term no later than ten (10) days after the issuance of the Notice of Award.

**2.4 Prevailing Wage Rates.** The conditions of Employment and Prevailing State Wage Rates, as established by the Massachusetts Department of Labor and Industry, and in particular General Laws Chapter 149, Section 27F (Prevailing Wage) do not apply to this Contract.

**2.5 Bid Submittal.** All Bids shall be submitted to the Town of Lee, as, where and when so stated in this RFP, on or before the time of the Bid opening. Bids and unsolicited amendments to Bids received by the Town after the deadline will not be considered, and request for extensions of time will not be granted. Bidders who mail Bids should allow for sufficient time for receipt by the Town before the deadline. Bids received after the deadline will be returned to the Bidder unopened.

**2.6 Signatory.** All Bids shall be signed in ink by the Bidder. If the Bidder is a corporation, the authority of the individual signing the Bid shall be endorsed upon, or attached to, the Bid and certified by the clerk of the corporation.

**2.7 Bid Term.** All Bids submitted shall be binding upon the Bidder for a minimum period of thirty (30) days following the opening of the Bids. The Town of Lee shall reserve the option of returning Bid Bonds for all but the three (3) lowest Bidders, prior to the thirty day period.

**2.8 Withdrawal.** Bids once submitted may, upon receipt by the Town of a written request by the Bidder prior to the bidding deadline, be withdrawn or amended. If amended, resubmission of the Bid shall comply with all the requirements of this RFP.

**2.9 Rejection of Bids.** The Town of Lee reserves the right to reject any and all Bids in whole or in part, when deemed to be in the best interests of the Town and to the extent permitted by law.

**2.10 Bid Evaluation.** Bids shall be evaluated based on responsiveness to the criteria, terms and conditions contained in this RFP and its attachments. Failure to follow the instructions, meet the criteria, or agree to the terms and conditions contained in this RFP may be cause for the rejection of the Bid as non-responsive.

**2.11 Negligence.** Negligence on the part of the Bidder in preparing the Bid does not warrant a right of withdrawal after the bidding deadline. The Town of Lee does not assume any responsibility for errors, omissions or misinterpretations which may have resulted in whole or in part from the use of incomplete Bid documents. Any Bidder finding an ambiguity, inconsistency or error shall promptly notify the Town in writing.

**2.12 Addenda.** If it becomes necessary to revise any part of this RFP or if additional data is necessary to enable a proper interpretation of the provisions of this RFP, such addenda will be provided to all Bidders who have requested this RFP.

**2.13 Inquires.** Questions and inquiries will be accepted from any and all Bidders and must be in writing. Questions will be responded to in writing and both questions and answers will be distributed to All Bidders who receive the RFP.

**2.14 Non-Collusion.** All Bidders are required to sign and submit with the Bid the Certificate of Non-Collusion, which is included in this RFP.

**2.15 Contents Included.** The REQUEST FOR PROPOSAL, the CONTRACT AND GENERAL CONDITIONS shall all be considered part of this RFP.

**2.16 Bid Price.** The Bid prices shall be written on the Bid Form in both words and figures, and in case of a discrepancy between the two the words shall govern.

**2.17 Bid Form.** All Bids must be submitted on the enclosed Bid Form, and all pages of said form must be completed. The Disposal Site Certification shall be considered a part of the Bid Form. All Bids must be signed by duly authorized representative of the Bidder.

**2.18 Right of Assignment.** It is understood, agreed upon, made a part hereof and a part of the Contract that the Contract entered into between the Town and the successful Bidder shall not be assigned or assignable by the Contractor by way of subcontract or otherwise, unless or until the Town shall have first agreed to in writing.

**2.19 Notification.** The Contractor shall maintain an office through which the Contractor can be contacted. The Contractor shall maintain adequate telephone service and have a responsible person in charge during normal working hours. The Contractor will provide an answering machine or answering service to receive messages during off-hours. In addition, the Contractor will provide and maintain as current, an off-hours emergency telephone contact person.

**2.20 References.** The Bidder shall provide letters of reference, preferably from municipal clients who have used their services, together with a general history of the Bidder's business organization.

### **SECTION 3 – REVIEW CRITERIA**

**3.1 General.** Proposals shall be reviewed to determine whether or not they are responsive to the criteria, terms and conditions contained in this RFP and its attachments. Failure to follow the instructions, meet the criteria, or agree to the terms and conditions herein may be cause for rejection of the Bid as non-responsive. Bids, which are incomplete, not properly endorsed, or otherwise contrary to these instructions may be rejected. Conditional Bids will not be accepted.

**3.2 Unit Cost.** The Contract may be awarded to the responsible and responsive Bidder submitting the lowest “Unit Cost per Gallon”.

#### **3.3 Minimum Criteria for Responsibility.**

- 3.3.1. Minimum of two (2) years in any solid waste disposal business.
- 3.3.2. Ownership or exclusive right to use all equipment necessary to perform the Contract to specifications.
- 3.3.3. Access to an approved disposal facility with sufficient capacity to accept sludge from the Town for a two (2) year period, commencing on April 1, 2014. Bidder must demonstrate such access by providing a letter or letters of commitment to accept Town of Lee sludge for the term of agreement by officials of the approved disposal facility with authority to bind.
- 3.3.4. Possession of all permits required from federal, state and local jurisdictions for the ultimate disposal of the sludge.
- 3.3.5. Fiscal soundness of business, as evidenced by an analysis of the Bidder’s Financial statements as prepared by and independent C.P.A. auditing firm indicating current assets to liabilities of at least 1:1 and a total debt to owners (or shareholders) equity not to exceed 1:1. See Bid Form Question 16.
- 3.3.6. Currently under Contract with at least two (2) other municipalities to dispose of any solid waste.
- 3.3.7. No record of any administrative orders, civil penalties, permit or license suspensions or revocations, or Bond forfeiture actions brought by any jurisdiction for work performed by Bidder which is similar to the work to be performed under this Contract.

**BID FORM**

**REMOVAL AND PROPER DISPOSAL OF SLUDGE**  
**TOWN OF LEE, MASSACHUSETTS**

The undersigned hereby accepts the terms, conditions and requirements stated in the Town's sludge removal Request for Proposals. The undersigned proposes to perform all work and services, furnish all labor and equipment, and complete the work in its entirety in accordance with the Bid specifications at the unit price(s) listed below. The unit price(s) shall cover all expenses incurred in performing the work required under the Bid specifications.

For the removal and proper disposal of municipal wastewater treatment facility sludge at approximately 3% to 6.0% solids content, the bid price submitted is as follows:

**Unit Cost/Gallon 4/01/16-3/31/17 = \$** \_\_\_\_\_

**Unit Cost Amount in words =** \_\_\_\_\_

**Unit Cost/Gallon 4/01/17-3/31/18 = \$** \_\_\_\_\_

**Unit Cost Amount in words =** \_\_\_\_\_

Bidder for the services is obligated to the applicable Bid specifications in their entirety.

Submitted by: \_\_\_\_\_  
(company name)

\_\_\_\_\_  
(address)

\_\_\_\_\_  
(individual name) (printed)

\_\_\_\_\_  
(title)

\_\_\_\_\_  
(date)

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(attested)

\_\_\_\_\_  
(Seal if Bid is by a corporation)

## **DISPOSAL SITE CERTIFICATION**

{To be completed on letterhead of sludge disposal site owner/operator and company official}

I, \_\_\_\_\_, am \_\_\_\_\_  
(name) (title)  
of \_\_\_\_\_, which  
(company name)  
owns and operates disposal site(s) at the following locations, listed by name and address:

[Insert names and addresses of contracted disposal facilities]

If the Town of Lee, Massachusetts awards the Contract to the Contractor, my company will provide the Contractor with adequate disposal capacity to service the Contract notwithstanding any other obligations of my company.

My company operates the disposal sites listed above in compliance with current federal and state laws and regulations. No court administrative agency has issued any order or directive requiring us to close or reduce capacity at any of the disposal sites listed above.

There is no action or proceeding pending in any court or before any administrative agency in which a party seeks to close or reduce capacity at any of the disposal sites listed above.

I certify that the statements made herein are true to the best of my knowledge and belief. I am aware that if any of the statements made by me are willfully false, I may be subject to punishment as provided by law.

\_\_\_\_\_  
(printed name)

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(company name)

\_\_\_\_\_  
(date)

\_\_\_\_\_  
(address)

\_\_\_\_\_  
(telephone)

\_\_\_\_\_  
(city, state and zip code)

\_\_\_\_\_  
(fax)

### **CONTRACTOR INFORMATION STATEMENT**

The Town of Lee may make such investigations as it deems necessary to determine the ability of the Contractor to perform the services, and the Contractor shall promptly furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Contractor fails to satisfy the Town that such Contractor is properly qualified to carry out the obligations of the Contract and to complete the services contemplated therein. Conditional Bids or Contracts will not be accepted.

\_\_\_\_\_  
(Contractor's full name)

\_\_\_\_\_  
(d.b.a. name)

\_\_\_\_\_  
(address)

Contractor's business and/or products and services provided:

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

Contractor is a: \_\_\_\_\_ Corporation (state \_\_\_\_\_)  
\_\_\_\_\_ Partnership or association

\_\_\_\_\_ Sole proprietorship  
\_\_\_\_\_ Other (specify: \_\_\_\_\_)

If the Contractor is a corporation, provide the names, addresses and business telephone numbers of the Contractor's president and chief executive officer.

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

List the names, business addresses and percentages of interest for each person, partnership, association or corporation who has an interest in the Contractor of ten per cent (10%) or more. "Interest" includes ownership interest or a right to earnings and profits.

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

Identify the official(s) of the Contractor who will manage this Contract and whom Town officials may contact concerning Contract performance problems.

\_\_\_\_\_

Identify the official(s) of the Contractor on whom Town officials may serve all notices concerning the Contract.

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List all licenses or permits issued by federal, state or local jurisdictions which the Contractor has and which are required for the performance of this Contract. For each license or permit, include the name, holder, number, date of issue, date of expiration, and name and address of the issuing authority.

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If applicable, answer the following questions on a separate sheet of paper:

1. List all similar Contracts which Contractor is performing or has performed during the last three (3) years. For each Contract listed, provide the name, address and contact person of the municipality or company for whom the work was done; the nature of the waste disposed; dates; and, total dollar amounts of contracts.
2. List all persons associated with the Contractor, or related parties, which have filed or been discharged from bankruptcy within the (10) years of the date of this Bid submission. Include name of bankruptcy court, docket number, and description and location of property involved.
3. List and provide a description of any administrative orders, notices of violation, notices of noncompliance, or permit or license suspensions or revocations issued by any jurisdiction. Include permit or license number, nature of violation and ultimate disposition.
4. List any civil penalties or bond forfeiture actions brought on by any jurisdiction. Specify date, location and nature of the violations.
5. List and describe any misdemeanor or felony convictions or pleas of no contest brought for storage, treatment, transportation, processing or disposal of municipal sludge or other wastes. Include date, location, nature and disposition of the actions.



## **SELECTED RATIOS**

### **LIQUIDITY**

1. Working Capital = Current Assets minus Current Liabilities = \$ \_\_\_\_\_
2. Current Ratio = Current Assets / Current Liabilities = \_\_\_\_\_
3. Quick Working Capital = Quick Current Assets minus Current Liabilities = \$ \_\_\_\_\_
4. Quick Ratio = Quick Current Assets / Current Liabilities = \_\_\_\_\_
5. Sales / Working Capital = Net Sales / Net Working Capital = \_\_\_\_\_

### **ACTIVITY**

6. Accounts Receivable Turnover =  
Current Sales / Average Accounts Receivable = \_\_\_\_\_
7. Average Days Uncollectable =  
Average Accounts Receivable x 360 Days / Credit Sales = \_\_\_\_\_

## **CERTIFICATION**

I certify that the aforementioned information supplied by me is true and accurate to the best of my knowledge and belief and is based upon a thorough investigation by me. I further certify that I have appropriate authority from the Contractor to provide the information stated herein and to bind the Contractor to that information. I understand that the Contractor is providing this information to induce the Town to award it a Contract.

If the above information changes, I understand that it is the Contractor's duty to promptly notify the Town of Lee, Massachusetts in writing of the changes.

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(date)

\_\_\_\_\_  
(printed name)

\_\_\_\_\_  
(telephone)

\_\_\_\_\_  
(address)

\_\_\_\_\_  
(city, state and zip code)

## **NON-COLLUSION**

**The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word “person” shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.**

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**Officer of Company**

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**Name of Company**

2015 Sludge



61 Louisa Viens Drive  
Dayville, CT 06241  
Fax: 860-774-2689  
Phone: 860-774-6814  
Toll-Free: 800-334-0103

## ANALYTICAL DATA REPORT

prepared for:

Town Of Lee WWTP  
379 Pleasant Street  
Lee, MA 01238  
Alan Zerbato

Report Number: E512N61  
Project: Town of Lee WWTP

Received Date: 12/28/2015  
Report Date: 01/05/2016

David Dickinson  
Technical Director



CT DPH #PH-0465  
NH ELAP #2020

BPA #CT00008  
NY ELAP #11549

MA DEP #M-CT008  
PA DEP #68-04413

MD #349  
RIDOH #LAO00346

ME DHHS #CT0050  
VA #460279

VT DOH #VT11549

101-000000487730



61 Louisa Viens Drive  
Dayville, CT 06241  
Fax: 860-774-2689  
Phone: 860-774-6814  
Toll-Free: 800-334-0103

Report No: B512N61  
Client: Town of Lee WWTP  
Project: Town of Lee WWTP

### **CASE NARRATIVE / METHOD CONFORMANCE SUMMARY**

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received one sample from Town of Lee WWTP on 12/28/2015. The sample was analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Mercury by 7471 in SW  
7471[7471B]

Trace Metals by 6010C in SW  
6010C[3050B]

Sample results are reported on a dry weight basis.

#### **Non-Conformances:**

##### **Work Order:**

None

##### **Sample:**

None

##### **Analysis:**

None

# Microbac Laboratories, Inc.

## Analytical Data Report

Report No: E512N61  
Date Received: 12/28/2015 11:00

Customer: Town of Lee WWTP  
Project: Town of Lee WWTP

Parameter	Result	DL	Units	Completed	By	Dilution
(1) 2015 Sludge Analysis						
Date Collected: 12/28/2015 08:45	Matrix: Solid					
Trace Metals by 6010C						
Arsenic	ND	8.1	mg/kg	01/04/2016 21:55	NJB	
Cadmium	ND	3.2	mg/kg	01/04/2016 21:55	NJB	
Chromium	18	3.2	mg/kg	01/04/2016 21:55	NJB	
Lead	36	4.8	mg/kg	01/04/2016 21:55	NJB	
Selenium	ND	8.1	mg/kg	01/04/2016 21:55	NJB	
Copper	510	3.2	mg/kg	01/04/2016 21:55	NJB	
Molybdenum	7.6	3.2	mg/kg	01/04/2016 21:55	NJB	
Nickel	16	8.1	mg/kg	01/04/2016 21:55	NJB	
Zinc	640	8.1	mg/kg	01/04/2016 21:55	NJB	
Mercury by SW-846 7471 in SW	ND	1.1	mg/kg	12/31/2015 12:56	KDT	



**Dayville, CT 06241 (800) 334-0103**

**WWW.PREMIERLABORATORY.COM**

Lab WO#: E512N61  
Project Manager:

## Copy of Report To

**PHONE:** 413-243-5525 **FAX:** 413-243-5523

PURCHASE ORDER #:

## 413.2443 5525

Fax:

TURNAROUND (INDICATE IN CALENDAR DAYS):

SAMPLER:	12/29/15	01102
RECEIVED:	12/29/15	11:00
RELINQUISHED:	12/29/15	13:40
RECEIVED:	12/29/15	13:40
RELINQUISHED:	12/29/15	16:39
RECEIVED:	12/29/15	16:35

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

**COMMENTS:**

**CONDITIONS UPON RECEIPT: (CHECK ONE)**

COOLED ☐ AMBIENT ☒ Upon Receipt at L