

**TOWN OF PLYMOUTH
WATER POLLUTION CONTROL AUTHORITY**

35 CANAL STREET
PEQUABUCK, CT 06781

**INVITATION TO BID
FOR
SLUDGE HAULING AND DISPOSAL
2022**

The Town of Plymouth WPCA is seeking bids for qualified vendors to transport and dispose of sewage sludge from the Water Pollution Control Facility, located at 35 Canal Street in Pequabuck CT.

Sealed proposals will be accepted by Jason Patrick, Plant Manager of the Town of Plymouth WPCA, at 35 Canal Street, Pequabuck CT 06781 until Thursday, June 14th at 11:30 a.m. All bids must be marked *Plymouth WPCA Sludge Hauling and Disposal*. On June 14th at 11:30 a.m. all bids will be opened publicly and read aloud in the WPCA Conference Room.

The Town of Plymouth WPCA reserves the right to reject any or all bids or to waive defects in same if it be deemed in the best interest of the Town of Plymouth.

BID SPECIFICATIONS

1. AVAILABILITY OF BID DOCUMENTS:

Plans and Specifications may be secured in person at the Town of Plymouth Water Pollution Control Facility, located at 35 Canal Street, Pequabuck, CT 06781 during regular office hours - 7:30 am to 3:30 pm, Monday through Friday. A pdf. of all required documents may be emailed to an interested bidder upon request. Distribution of plans and specifications is limited to one set per bidder. Bidders may request shipment of bid documents, at the bidder's sole expense. NO PLANS OR SPECIFICATIONS WILL BE ISSUED THREE DAYS PRIOR TO THE DATE SET FOR BID OPENING.

2. BID ADDENDA:

If additional information or change shall present itself, the Plymouth WPCA will send such change in a written addendum not later than three days prior to the date fixed for the opening of bids to the address given by the Contractor at the time of securing the Proposal document. Failure of any bidder to receive any such addendum shall not relieve it of the obligations under its bid as submitted. All addenda so issued shall become a part of the Contract Documents. Certification of receipt of addenda shall be made by the bidder on the Proposal.

3. BID BOND REQUIREMENTS:

A Bid Bond, issued by a surety licensed to do business in the State of Connecticut, in the amount of ten percent (10%) of the total amount bid is required. Bid Security will be returned to all except the successful bidder upon award, and to the successful bidder upon issuance of a Purchase Order.

NO BID WILL BE ACCEPTED UNLESS ACCOMPANIED BY THE REQUIRED BID BOND.

4. BID INSTRUCTIONS:

Bids must be enclosed in a sealed envelope, addressed to the *Town of Plymouth WPCA* and clearly identified with the contract number and name as shown on the face of these bid documents.

Bids must be made on the attached forms with complete information as requested on the bid forms; bids submitted on other than the forms included within this document will not be considered.

5. EXAMINATION OF SITE CONDITION:

Bidders must satisfy themselves by personal examination of the site and location of the proposed work as to the actual conditions and requirements of the work and inform themselves fully of the conditions relating to the construction and labor under which the work will be performed. No claim because of the lack of knowledge by the Contractor regarding the site, the proposed work, or content of the specifications and drawings will be allowed. The bidder may call the Town of Plymouth WPCA and schedule an appointment to inspect the work site. No appointments for inspection will be made the day of or the day prior to the bid opening. At the date fixed for opening of Bids, it will be presumed that each Bidder has made

an examination of the location and site of work to be done under this Contract and has satisfied himself as to the actual conditions and requirements.

6. SALES AND USE TAX:

Bidders are reminded that the Connecticut State Sales and Use Tax, and associated Federal taxes are not applicable under this contract, and therefore these taxes are not to be included in the bid price(s).

7. DEFINITIONS:

The word "Town" as used throughout these documents shall refer to the Town of Plymouth, Connecticut acting through its Mayor and Town Council.

The word "Manager" as used throughout these documents refers to the Plymouth WPCA Plant Manager or his designee.

The word "Bidder" as used throughout these documents refers to the party or parties submitting a bid to perform the work to be done or materials to be furnished under the Contract; the legal representatives of such party or parties.

The word "Contractor" as used throughout these documents refers to the party or parties contracting to perform the work to be done or materials to be furnished under the Contract; the legal representatives of such party or parties.

8. WORK SCHEDULE:

The normal workday shall be considered as an eight (8) hour period falling between 7:00 am and 3:00 pm, Monday through Friday. Special clearance will be required for work outside these times.

9. EVALUATION OF PRICES SUBMITTED:

Bids will be compared on the basis of the prices stated in the Proposal, where applicable. In the event of a discrepancy between prices written in words and figures; the prices written in words shall govern. It is the intent of the Town of Plymouth to make award to the lowest responsible qualified bidder (reference C.G.S. 4a-59). In the event of a discrepancy between (1) the Total Amount of the bids as recorded on the bid form by the bidder and (2) the Total Amount of lump sum line items and/or unit prices as recorded on the bid form by the bidder extended by designated quantities and tabulated by the Plant Manager, the latter shall prevail.

10. SUBMISSION OF CONTRACTOR QUALIFICATIONS:

Bidders, if requested, must be able to present satisfactory evidence that they are capable and fully prepared with necessary capital, personnel, materials and equipment to do the work to be contracted for under this Proposal.

11. CERTIFICATE OF GOOD STANDING:

Any corporation whose Proposal is being considered for acceptance by the Town may be required, if requested, to provide a "Certificate of Good Standing" from the Secretary of the State's Office for Connecticut.

12. ACCEPTANCE/REJECTION OF BIDS:

The Town of Plymouth may reject bids which are incomplete, conditional, obscure, contain additions not called for, erasures not properly initialed, or which contain alterations or irregularities of any kind. The Town may rightfully waive informalities. The Plant Manager reserves the right to reject any or all bids; or the bids for any one or more commodities; or contractual services included in any or all bids; and/or to waive any informality in bids; and unless otherwise specified, to buy any part or the whole from one or more bidders when it is to the Town's best interest to do so. The Town also reserves the right to reject any or all bids, or to accept any bid whether the lowest or not, should the Town deem it in its best interest to do so. Determination of the best interests of the Town shall include consideration of active or pending civil litigation between the Town and any firm (or its subcontractor or supplier) submitting a bid to the Town.

The Town will give notice of acceptance of bid to the successful bidder by mail to bidders address stated in Bid.

13. WITHDRAWAL OF BID SUBMITTED:

Any bid may be withdrawn prior to the designated closing time for receiving bids. Bids may be withdrawn 90 days after the bid opening, if no award has been made. If the Town does not award a contract within ninety (90) days after the opening of bids, all bid proposals will be null and void except on mutual agreement of the Town and the lowest qualified bidder, this time may be extended.

14. FAILURE TO SUBMIT BID:

Failure to return a bid may result in the company's name being removed from the Bid List. "No Bids" and responsive bids will result in Bid List retention.

15. CONTRACT EXECUTION:

The person or persons whose Proposal is accepted will be required to furnish all insurance certificates in amounts as hereinafter specified, within five (5) days from the date of notice of the award; said person or persons will also be required to furnish all performance and payment bonds within three (3) days from request by the Town, and at least three (3) days prior to the signing of the Contract. The person or persons whose Proposal is accepted will be required to execute a contract, in substantially the form annexed, as scheduled by the Plant Manager. Once the contract is executed via formal contract signing at Plymouth Water Pollution Control Facility, the Contractor will be issued a Town Purchase Order for the contract.

16. PROVISION OF CONTRACT RELATED DOCUMENTS:

The bidders' attention is directed to the form of this agreement, which includes as a part of it in addition to this Information for Bidders, the Bid Specifications, the Technical Specifications, the Proposal, and the General Provisions.

17. ACCEPTANCE OF ALTERNATE MATERIALS OR METHODS:

When alternate bids are asked for, the Town at time of the awarding or prior to signing of the Contract, through its Plant Manager, will select which type of material or construction will be used.

18. INDEMNIFICATION:

The Contractor, in contracting for goods, services, materials, labor and the like with the Town of Plymouth and its respective officers, agents and servants, does hereby agree that the Contractor will indemnify and save harmless the Town of Plymouth, its respective officers, agents and servants from and against any and all claims, damages, losses, litigation expenses, counsel fees and compensation arising out of any injuries (including death) sustained by, or alleged to have been sustained by, the servants, employees or agents of the Town of Plymouth, or of the Contractor or of any participant or spectator, and from injuries (including death) sustained by, or alleged to have been sustained by, the public or any persons on or near the site, or on any other person or damage to property, real or personal, including property of the Town of Plymouth and their respective officers, agents and servants, caused in whole or in part by the acts or omission of the Contractor or any participant or spectator or anyone directly or indirectly employed or working for the bidder while engaged in the activity in the Town of Plymouth.

19. EQUAL OPPORTUNITY – AFFIRMATIVE ACTION:

The successful contractor shall comply in all aspects with the Equal Employment Opportunity Act. Each Contractor with 15 or more employees shall be required to have an Affirmative Action Plan which declares that the contractor does not discriminate on the basis of race, color, religion, gender, national origin or age and which specifies goals and target dates to assure the implementation of equal employment. Each contractor with fewer than 15 employees shall be required to have a written equal opportunity policy statement declaring that it does not discriminate on the basis of race, color, religion, gender, national origin or age. Findings of noncompliance with applicable State and Federal equal opportunity laws and regulations could be sufficient reason for revocation or cancellation of this contract. The contract is subject to contract compliance requirements mandated by Sections 4a-60 and 4a-60a of the State of Connecticut General Statutes.

The successful contractor shall further agree to be in compliance with Title VI of the Civil Rights Act of 1964 and all amendments thereto.

Included within these specifications is an Employment Information Form. Firms with 15 or more employees are required to complete the form and return as part of their bid submission.

20. PERMITS AND LICENSES:

The Contractor shall, at his/her own expense, take out and possess all necessary permits if required and licenses required by law and necessary for the prosecution of the work under this Contract; including the posting of all bonds and payment of all fees and charges incidental to the due and lawful prosecution of the work covered by the Contract.

21. PERSONNEL REQUIREMENTS:

All work under the contract shall be performed by competent and proficient workers employed by the Contractor.

22. SUBCONTRACTORS:

If the Contractor sublets any part of the work, this does not relieve it or the bonding company of liabilities and obligations to the Town. There is no contractual relationship between any subcontractor and the Town. The Town deals only with the Contractor; subcontractors are recognized as employees of the Contractor only.

The Contractor cannot assign or dispose of his Contract in any way without the written consent of the Town in conjunction with that of the Plant Manager. Disposal must be for a cause only.

23. FREEDOM OF INFORMATION ACT:

All bids will be opened and read publicly and upon award are subject to public inspection, subject to the provisions of Section 1-210 of the Connecticut General Statutes (Freedom of Information). Copies of information resulting from any bid opening are generally not available until a contract has been formally awarded.

24. CONTRACTOR AND SUBCONTRACTOR INSURANCE:

The Contractor will carry the following insurance coverage's with an insurance company/ies licensed in the State of Connecticut and approved by the Town of Plymouth. The insurance company/ies must have at least an A-rating by A.M. Best Company. All policies will provide a 30-day notice of cancellation as well as a 10-day notice of any material change in the policies.

Certificates of insurance shall be presented to the Plant Manager for his approval prior to the contractor entering on to Town property or commencing any work whatsoever.

The following coverages and limits will be provided:

INSURANCE REQUIREMENTS OF CONTRACTORS

Contracts *UNDER* \$1,000,000

A. Owners Protective Liability:

Each Occurrence \$1,000,000

Aggregate \$1,000,000

B. Commercial Liability:

Each Occurrence \$1,000,000

Personal Injury \$1,000,000

General aggregate \$2,000,000

Products, Completed Operations Aggregate \$2,000,000

Town of Plymouth MUST be additional insured with reference to this project. The policy endorsement evidencing this coverage must be provided with the certificate of liability insurance.

C. Automotive-For all owned, non-owned, hired and leased vehicles:

Combined Single Limit for Bodily Injury or Property Damage \$1,000,000

or

Bodily Injury-Each Person \$1,000,000

Bodily Injury-Each Accident \$1,000,000

Property Damage – Each Occurrence \$1,000,000

D. Umbrella:

Each Occurrence \$1,000,000

Aggregate \$1,000,000

The policy MUST provide additional insured coverage to mirror the General Liability coverage. The policy shall not reduce or restrict coverage provided by the underlying Commercial General Liability or Automobile Liability insurance policies.

E. Workers Compensation:

Coverage A Statutory

Coverage B Employers Liability

Each Accident \$500,000

Disease-Policy Limit \$500,000

Disease-Each Employee \$500,000

Any cancellation or reduction or material changes in insurance coverage will require notice to the Town of Plymouth, Plant Manager, 35 Canal Street, Pequabuck CT 06781.

25. BOND REQUIREMENTS:

The awarded contractor shall provide the following bonds in the minimum amounts as specified herein.

- A. Performance Bond, guaranteed by Surety licensed to do business in Connecticut, in the amount of 100% of the Total Proposal Price guaranteeing to the Town the completion of the Contract.
- B. DRS Guarantee Bond (for out-of-state contractors only); A nonresident contractor working in Connecticut and a surety company licensed to do business in Connecticut shall use Form AU-766 enclosed to post a guarantee bond with the Department of Revenue Services (DRS) for a specific project in the state.

All bonds shall be guaranteed by Surety licensed to do business in Connecticut. It is distinctly agreed and understood that any changes in plans and/or specifications for this work, whether such changes increase or decrease the amount thereof, or the manner or time of payment, shall in no way annul, release or affect the liability and surety on the bond given by the Contractor.

26. SAFETY:

All work done and equipment used shall comply with all pertinent O.S.H.A., Federal, State, Municipal, and Local regulations, laws, ordinances and Regulations affecting those employed and any affecting the conduct of the work.

Not later than thirty (30) days after the date a contract is awarded, the awarded contractor shall furnish proof to the Labor Commissioner that all employees performing manual labor on

or in such public project, pursuant to such contract, have completed a course of at least ten (10) hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration, or in the case of telecommunications employees, have completed at least ten (10) hours of training in accordance with 29 CFR 1910.268.

The State of Connecticut and all political subdivisions have adopted a zero tolerance policy for workplace violence. As outlined in Executive Order No. 16 issued by Governor John G. Rowland, all contractors, subcontractors, and vendors must comply with this policy.

27. NON-COLLUSION:

The individual signing this bid hereby declares that no person or persons other than members of his/her own organization are interested in this Proposal or in the contract proposed to be taken; that it is made without any connection with any other person or persons making a proposal for the same work and is in all respects fair and without collusion or fraud; that no person acting for or employed by the Town of Plymouth is directly or indirectly interested therein, or in the supplies or works to which it relates or will receive any part of the profit or any commission therefrom in any manner which is unethical or contrary to the best interests of the Town of Plymouth. An affidavit form is included with this document; bidders are required to complete the form and include with their bid response.

TECHNICAL SPECIFICATIONS

1. TREATMENT OVERVIEW

The Town of Plymouth operates a 1.75 MGD Water Pollution Control Facility. Wastewater treatment undertaken at the facility includes screening and grit removal, primary sedimentation, secondary treatment consisting of a 5 stage Bardenpho process, secondary sedimentation, and UV disinfection. Polyaluminum Chloride is added to the aeration effluent to remove phosphorus. Primary sludge and secondary waste sludge are pumped to separate holding tanks and thickened by gravity. There is no digestion incorporated into this process. Sludges are typically blended in a single holding tank after dewatering before being pumped onto a truck for removal from the facility. Both primary and secondary waste sludges are capable of being pumped directly from their holding vessels, as well.

2. DESCRIPTION OF SERVICES:

The purpose of this bid is for the Town of Plymouth WPCA to obtain a qualified vendor to transport and dispose of liquid sewage sludge from the Water Pollution Control Facility. The Town of Plymouth WPCA currently generates approximately 250 dry tons of solids annually. The Town of Plymouth WPCA averages hauling six (6) tanker trucks per week at an average liquid solids content of 3%. Normal work hours shall be from 7a.m to 3: 00p.m unless other arrangements are made. The contractor / hauler shall be responsible for scheduling deliveries with the disposal facility. The hauler will provide a copy of the disposal ticket to the town.

3. QUALIFICATIONS:

The Contractor shall maintain all appropriate insurance, permits and approvals as may be required to transport municipal sewage sludge to the appropriate disposal locations. The Town of Plymouth 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 between 2% to 5%. The Contractor shall have at least 5 years' experience in sludge hauling.

4. SCOPE OF WORK:

Total sludge removal is estimated at 19,500 gallons of sludge two (2) days per week at a total solid's concentration of +/- 3%. More or less loads may be necessary.

The Hauler shall collect the sludge from the sludge storage tanks, located at 35 Canal Street, in Pequabuck CT. The hauler will need to back down the driveway to the sludge holding area where the sludge will be pumped by plant staff onto the contractor's truck using up to three (3) positive displacement pumps at a rate of approximately 200 GPM. The contractor / hauler must provide the tools and equipment to hook up to a 4" hose and camlock fitting at the loading station. All trucks will need to be equipped with a means of ensuring that the trucks are loaded to capacity.

The sludge shall be brought to an approved location to be disposed of by EPA standards for disposal of sewage sludge (40 CFR Part 503)

5. BID RATES / CONTRACT DURATION:

The bid rates for hauling and disposal shall be separate. Hauling shall be bid per gallon and disposal shall be bid per Dry Ton. The contract awarded as the result of this bid shall be for the period beginning July 1st, 2022, to June 30th, 2023. Depending on quality of service and funding, the contract may be extended for up to two one-year periods, if agreed upon by both parties.

6. TOWN CONTACT:

Town of Plymouth WPCA contact shall be Jason Patrick, The WPCA Plant Manager.
860-582-4881 (Monday through Friday, 7: 30a.m to 3:30p.m.)
jpatrick@plymouthct.us

BID FORM

**TRANSPORTATION AND DISPOSAL OF SEWAGE SLUDGE
PLYMOUTH WATER POLLUTION CONTROL FACILITY
35 CANAL STREET, PEQUABUCK, CT 06781**

The undersigned is familiar with the conditions surrounding this call for bids, is aware that the Town of Plymouth WPCA reserves the right to reject any or all bids and is submitting this bid without collusion with any other person, individual or corporation.

Bidder: _____

Address: _____

Town/City: _____

Date: _____

Phone: _____ Fax: _____

Sludge Hauling Cost per Gallon

| | |
|--|--|
| July 1 st 2022 – June 30 th 2023 | |
|--|--|

Disposal Cost per Dry Ton

| | |
|--|--|
| July 1 st 2022 – June 30 th 2023 | |
|--|--|

Signature: _____ Date: _____

Printed Name: _____

GENERAL PROVISIONS

Contract shall include the following provisions as may be applicable.

1. CLAIM BY CONTRACTOR FOR EXTRA WORK:

Should the Contractor feel he has an extra payment due him for extra work performed or materials furnished, or damages sustained in connection with any unit of the work, he shall present his claim in writing to the Plant Manager prior to said extra work, and shall be compensated in accordance with the unit prices listed in this bid proposal. The Plant Manager will review the claim and secure such advice and guidance from the proper authority or disinterested persons as may be necessary to properly address said claim. A claim for extra work by the Contractor shall not be a reason to suspend work. The Contractor shall continue work during the resolution of the claim for extra work.

2. CONTRACTOR RESPONSIBILITY:

The Contractor shall have charge of and be responsible for the entire work until its final completion.

3. WORK AND MATERIALS TO BE OF BEST QUALITY:

All work done shall be of the best quality. All materials and/or equipment shall be used in conformance with the manufacturer's recommendations.

4. DEFECTIVE WORK:

The inspection of the work shall not relieve the Contractor of any of his obligations to fulfill his Contract as herein specified, and any defective work shall be made good.

5. WORKERS, SUPERVISION, AND MAINTENANCE:

The Contractor shall employ only competent, faithful, skilled, and proficient workers to do the work required of them.

6. COMPLIANCE WITH LAW:

The Contractor shall keep himself informed of all existing laws, State, Federal, Municipal Ordinances and Regulations affecting those employed and any affecting the conduct of the work and shall protect and indemnify the Town of Plymouth, its officers and agents against any claim or liability arising from or based upon violation of any such law, ordinance, regulation, order of decree, whether by himself or his employees. All work performed and equipment used shall comply with all pertinent OSHA, Federal, State and Local Regulations.

7. OBLIGATION AND LIABILITY OF CONTRACTOR:

The Contractor shall do all the work and furnish all the materials, tools and appliances unless otherwise specified and everything necessary or proper for performing and completing the

work and within the time specified herein. He shall complete the work to the satisfaction of the Plant Manager and at the prices in the Proposal or as agreed under extra work.

The Contractor shall coordinate his operations with other contractors that may be working in the project area, to interfere as little as possible with other work.

The Contractor shall take all responsibility for work done under this Contract, for protection of work, for injuries to employees, for injuries to the public and damage to property and utilities on or about the work and the responsibility of anyone hired by him directly or indirectly. The Contractor shall assume the defense of all claims of whatsoever character against the Contractor, the Town, and shall indemnify, save harmless and insure the Town, its officers or agents against all claims arising from the work under this Contract.

If, at any time, in the opinion of the Plant Manager, work is not in all respects safe, and circumstances are such that the Contractor after being notified, or if he cannot be readily reached, or he cannot or does not remedy the conditions immediately, then the Plant Manager may have the conditions rectified and the Contractor shall pay all expenses for said material, labor, etc., or it may be deducted from monies due him.

8. SUBLETTING OR ASSIGNMENT:

If the Contractor sublets any part of the work, this does not relieve him or the bonding company of liabilities and obligations to the Town. There is no contractual relationship between any subcontractor and the Town. The Town of Plymouth WPCA deals only with the Contractor; subcontractors are recognized as employees only.

The Contractor must not assign or dispose of his Contract in any way without the written consent of the Plant Manager in conjunction with that of the Plymouth WPCA Board. Disposal must be for a cause only.

9. WORK AREA:

During the work, the Contractor shall not deposit material in such a manner so as to block or interfere with normal activities within the area. The job site shall be left in a clean condition meeting the full satisfaction of the Plant Manager.

10. PROGRESS AND FORFEITURE OF CONTRACT:

If at any time the Plant Manager shall be of the opinion that the Contractor is willfully violating any of the conditions of the Contract, or is executing the same in bad faith, he shall notify the Contractor, in writing, to that effect. If the Contractor does not, within five (5) days thereafter, take such measures as will, in the judgment of the Plant Manager, ensure the satisfactory completion of the work, the Plant Manager may then, in writing, notify the Contractor to discontinue all the work under the Contract. The Contractor shall immediately respect said notice and stop work and cease to have any rights to possession of the ground. The Plant Manager shall notify the Contract Surety, in writing, of his action and the reason(s) for such

action. The Plant Manager shall report his actions to the Town together with the reason(s) for such actions.

The Town shall take such action as it deems necessary to complete the work under the Contract to the Town's satisfaction. The Town may inform the Contract Surety of its (Contract Surety's) responsibility to complete the work as specified under the terms of the Contract. Surety shall elect to complete the work or have the Town complete it. If the Town completes the work, it shall thereupon have the power to direct the Plant Manager to place such and so many persons as he may deem advisable by contract, or otherwise, to work at and complete the work herein described. The Contract and the expense so charged shall be deducted and paid by the Town out of such monies as may be then due or may at any time thereafter become due to the Contractor under and by virtue of the Contract or any part thereof; and in case such expense is less than the sum which would have been payable under the Contract if the same had been completed by the Contractor, said Surety shall be entitled to receive the difference. In case such expense is greater, the Contract Surety shall pay the amount of such excess due to the Town.

11. DELAY IN TIME OF COMPLETION, NO CLAIM FOR DAMAGES:

The Town may reasonably delay the work, if necessary because of weather conditions. The Contractor shall have no claim for damages on account of said reasonable delay.

12. STORAGE OF MATERIALS AND EQUIPMENT:

Any costs associated with the protection of the Contractor's material, vehicles, equipment etc. shall solely be borne by the Contractor.

13. GUARANTEES:

The Contractor shall guarantee all his work to be free from defects due to workmanship or material used.

14. CONTRACTOR, HIS INSURANCE CARRIER AND BOND SURETY, LIABLE FOR CLAIMS OR DAMAGES:

It shall be the duty of the Contractor and his Insurance Carrier and Bond Surety to indemnify and save harmless the Town from all suits or actions of any name or description, brought against them or the Town for or on account of any injuries or damages received or sustained by any party or parties by or from the Contractor, his agents or employees in the construction of the work, or in consequence of any negligence in guarding the same or any improper materials used in its construction or by or on account of any act or omission of the Contractor, his agents or employees.

15. PAYMENT:

Within ten (10) days after the end of a month in which substantial work has been performed, the contractor will prepare an invoice for the work performed to date and the amount of monies due the Contractor for said work. Payments shall be made to the Contractor as soon as disbursement policies of the Town allow, generally within 15 days of approval of the payment.

The Performance Bond shall not be released until final payment and final acceptance of the entire work is made as a guarantee against claims and suits that may be entered against the Town for actions or negligence of the Contractor in the performance of the work.

The Contractor will be required to sign a certificate that final payment liquidates the Contract and releases the Town from any claims by him under the Contract. The final payment to the Contractor will constitute final acceptance of the entire work by the Town of Plymouth

HOLD HARMLESS AGREEMENT

DESCRIPTION OF CONTRACT: _____

The contractor agrees that it will indemnify and hold harmless the Town of Plymouth WPCA and its respective officers, agents and employees from any loss, costs, damages, expenses, judgments and liability whatsoever kind or nature howsoever the same may be caused resulting directly or indirectly by any act or omission of the contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable resulting in bodily injury including sickness and death, personal injury or damage to property directly or indirectly, including the loss of use resulting therefrom as permitted by law, unless and to the extent caused by the Town of Plymouth WPCA's negligence or its willful acts.

SUPPLEMENTAL AGREEMENT

The contractor named below is an independent contractor and neither the contractor nor its employees nor the contractor's subcontractors under any circumstances, will be considered servants or agents of the Town of Plymouth WPCA and the WPCA will be at no time legally responsible for any negligence or other wrong doing by the Contractor, its servants or agents or the Contractor's subcontractors. The WPCA will not withhold from the contract payments to the Contractor for any federal or state unemployment taxes, federal or state income taxes, Social Security tax, or any other amounts for benefits to the Contractor. The lump sum or unit charges for the services provided does not represent gross wages and further the WPCA will not provide the Contractor any insurance coverage or other benefits, including Workers' Compensation normally provided by the WPCA for its employees.

STATE OF CONNECTICUT

COUNTY OF _____

Signed

Company Name: _____

By: _____

Address: _____

Subscribed and Sworn to before me on

this _____ day of _____, 20____

Notary Public

TOWN OF PLYMOUTH

NON-COLLUSION AFFIDAVIT

STATE OF _____ COUNTY OF _____

I, _____ being first duly sworn, deposes and says that:

1. He/She is _____ of _____, the bidder
that has submitted the attached request for proposal for
_____.

2. He is fully informed respecting the preparation and contents of the attached BID and of all pertinent circumstances respecting such bid.

3. Such Bid is genuine and is not a collusive or sham Bid.

4. Neither the Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties of interest, including this affiant, has in any way colluded, conspired, connived or agreed directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the work for which the attached Bid has been submitted nor has it in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the price of any Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Town of Plymouth WPCA or any Person interested in the proposed Bid.

5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signed: _____

Printed Name: _____

Title _____

Subscribed and sworn to before this

_____ day of _____, 20____

Notary Public

My commission expires: _____

Non-Collusion Affidav.

PROPOSED SUBCONTRACTOR LIST

THE BIDDER intends to utilize the following subcontractors for this project:

Name and Address of Subcontractor / Description of Work

1.

2.

3.

4.

5.

AFFIRMATIVE ACTIONS STATEMENT

We hereby certify and warrant that we do not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religion, national origin, sex or physical disability including but not limited to blindness, unless it is shown that such disability prevents performance of that which must be done to successfully fulfill their job duties or in any manner which is prohibited by the laws of the United States or the State of Connecticut; and further agree to provide the Plymouth Human Relations Department with such information requested by the Department concerning our employment practices and procedures. We subscribe to the principles of Affirmative Action.

Signature

Title

Date

**ANALYTICAL
CONSULTING
TECHNOLOGY, INC**

Certified Laboratory

US EPA CT-021
CT PH-0518

168 Railroad Hill St., Waterbury, CT 06708 • 203.757.3960 • csr@actlabsct.com

Plymouth WPCA
Jason Patrick
80 Main Street

Terryville, CT 06786

Report Date: 04/28/2022

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2022040092 - 1 | Sample Date: 04/12/2022 | Date Received: 04/12/2022 |
| Sample Type: Grab | Sample Time: 07:15:00 | Project number |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 8.10 | % | SM2540-G | 04/17/2022 04:00:00 PM | CLC |
| Total Solids | 5.90 | % | SM2540B | 04/14/2022 04:00:00 PM | CLC |
| Volatile Solids | 91.9 | % | EPA 160.3 | 04/19/2022 04:00:00 PM | CLC |
| <i>Metals</i> | | | | | |
| Arsenic, Total | <0.25 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Chromium, Total | 1.7 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Copper, Total | 33.4 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Lead, Total | 3.8 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 04/22/2022 12:56:43 PM | TU |
| Nickel, Total | <5.0 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |
| Zinc, Total | 54.4 | mg/Kg Dry | SW846-6010 | 04/21/2022 01:00:00 PM | TU |

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Plymouth WPCA
Jason Patrick
80 Main Street

Page 2

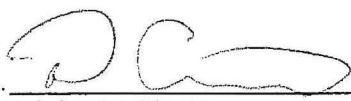
Terryville, CT 06786

Report Date: 04/28/2022

ACT Number: 2022040092 - 1 Sample Date: 04/12/2022 Date Received: 04/12/2022
Sample Type: Grab Sample Time: 07:15:00 Project number
Collected by: Client Sample Matrix: Sludge
Location/ID: Dewatered Sludge
Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| <i>PCB's</i> | | | | | |
| Arochlor 1016 | <1 | mg/Kg Dry | SW846-8082A | 04/25/2022 11:34:00 PM | RL |
| Arochlor 1221 | <1 | mg/Kg Dry | SW846-8082A | 04/25/2022 11:34:00 PM | RL |
| Arochlor 1232 | <1 | mg/Kg Dry | SW846-8082A | 04/25/2022 11:34:00 PM | RL |
| Arochlor 1242 | <1 | mg/Kg Dry | SW846-8082A | 04/25/2022 11:34:00 PM | RL |
| Arochlor 1248 | <1 | mg/Kg Dry | SW846-8082A | 04/25/2022 11:34:00 PM | RL |
| Arochlor 1254 | <1 | mg/Kg Dry | SW846-8082A | 04/25/2022 11:34:00 PM | RL |
| Arochlor 1260 | <1 | mg/Kg Dry | SW846-8082A | 04/25/2022 11:34:00 PM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2022040092

Analytical Consulting Technology, Inc.

168 Railroad Hill Street, Waterbury, CT 06708 (203)757-3960

Quarterly Sludge

ACT#: 2022040092-1

WW SW GW DW S OIL MAT ST

Turn around Time: 24Hrs 48Hrs 72Hrs

Client Name: Plymouth WPCF

Client Email: _____

Client Contact: Jason Patrick

Account Number: 005650

Client Phone: 860-582-4881

Client Address: 80 Main Street, Terryville, CT 06786

PO Number: _____

| Sample Number | Location / Identification | Container | | | | Sample | | | Composite Or Grab | Analysis Required | Test Group (ACT Use) |
|---------------|---------------------------|-----------|-----|------|------|--------|---------|-------|-------------------|--|----------------------|
| | | QTY | VOL | PRES | TYPE | MATRIX | DATE | TIME | | | |
| 1 | Dewatered Sludge | 1 | 10 | NP | G | SL | 4/12/22 | 715AM | GRAB | As, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, An, TS, FS, VS | Plymouth - Sludge |
| | | | | | | | | | | PCBs | Global |
| | | | | | | | | | | | |
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Note: It is the client's responsibility to verify all information on this chain of custody.

Quantity (QTY): Number of bottles

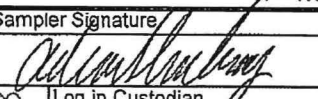
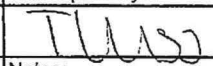
Volumes (VOL): 12 = 125mL, 25 = 250mL, 50 = 500mL, 10 = 1L (1000mL), 1G = 1 Gallon, 2G = 2.5 Gallon, 5G = 5 Gallon

Bottle Key Code Preservative (PRES): NP = Non-preserve, SP = Sulfuric Preserve, NA = Nitric Acid Preserve, SH = Sodium Hydroxide Preserve, HCl = Hydrochloric Acid Preserve

Container type (TYPE): P = Plastic, G = Clear Glass, AG = Amber Glass, BG = Baked Amber Glass, V = EPA 40ml Vials, S = Sterile Cup, C = Cube/Jug

Matrix Abbreviations: WW = Wastewater, GW = Ground Water, SW = Surface Water, DW = Drinking Water, DI = DI Water,

W = Waste, S = Solid/Soil, Oil = Petroleum/Lubricant, Mat = Material, ST = Stormwater

| Sampler Signature | Date | Time | Relinquished By: | Accepted By: | Date | Time |
|---|-----------|-------|------------------|---|---------|------|
|  | 4-12-2022 | 715AM | A. Slivinsky |  | 4/12/22 | 755 |
| 3M Log in Custodian | | | ACT Courier | Notes: | | |
| 48 Cooler Temp | | | Fed-Ex | | | |
| 1250 Date/Time 4/12/2022 | | | UPS | | | |

Revised: 2/5/2020

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Plymouth WPCA
Jason Patrick
80 Main Street

Terryville, CT 06786

Report Date: 01/18/2022

ACT Number: 2022010013 - 1 Sample Date: 01/04/2022 Date Received: 01/05/2022
Sample Type: Grab Sample Time: 14:14:00 Project number: Quarterly
Collected by: Client Sample Matrix: Sludge
Location/ID: Dewatered Sludge
Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 7.28 | % | SM2540-G | 01/05/2022 11:25:00 AM | MAR |
| Total Solids | 2.77 | % | SM2540B | 01/05/2022 11:25:00 AM | MAR |
| Volatile Solids | 92.7 | % | EPA 160.3 | 01/05/2022 11:25:00 AM | MAR |
| <i>Metals</i> | | | | | |
| Arsenic, Total | 1.07 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Chromium, Total | 10.9 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Copper, Total | 366.0 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Lead, Total | 27.0 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 01/14/2022 11:53:13 AM | TU |
| Nickel, Total | 28.0 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |
| Zinc, Total | 552.0 | mg/Kg Dry | SW846-6010 | 01/12/2022 12:30:00 PM | TU |

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Plymouth WPCA
Jason Patrick
80 Main Street

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Terryville, CT 06786

Report Date: 01/18/2022

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2022010013 - 1 | Sample Date: 01/04/2022 | Date Received: 01/05/2022 |
| Sample Type: Grab | Sample Time: 14:14:00 | Project number: Quarterly |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| <i>PCB's</i> | | | | | |
| Arochlor 1016 | <1 | mg/Kg Dry | SW846-8082A | 01/15/2022 02:00:00 AM | RL |
| Arochlor 1221 | <1 | mg/Kg Dry | SW846-8082A | 01/15/2022 02:00:00 AM | RL |
| Arochlor 1232 | <1 | mg/Kg Dry | SW846-8082A | 01/15/2022 02:00:00 AM | RL |
| Arochlor 1242 | <1 | mg/Kg Dry | SW846-8082A | 01/15/2022 02:00:00 AM | RL |
| Arochlor 1248 | <1 | mg/Kg Dry | SW846-8082A | 01/15/2022 02:00:00 AM | RL |
| Arochlor 1254 | <1 | mg/Kg Dry | SW846-8082A | 01/15/2022 02:00:00 AM | RL |
| Arochlor 1260 | <1 | mg/Kg Dry | SW846-8082A | 01/15/2022 02:00:00 AM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2022010013

168 Railroad Hill Street, Waterbury, CT 06708 (203)757-3960

ACT#: 2022010013-1

WW SW GW DW S OIL MAT ST



| | |
|------------------|----------------------|
| Client Name: | <u>Plymouth WPCF</u> |
| Client Email: | <u></u> |
| Client Contact: | <u>Jason Patrick</u> |
| Account Number : | <u>005650</u> |

Client Address: 80 Main Street, Terryville, CT 06786

PO Number: _____

Note: It is the client's responsibility to verify all information on this chain of custody.

Matrix Abbreviations: **WW** = Wastewater, **GW** = Ground water, **SW** = Surface water, **DW** = Drinking water, **L** = Leachate, **W** = Waste, **S** = Solid/Soil, **Oil** = Petroleum/Lubricant, **Mat** = Material, **ST** = Stormwater

| | | | | | | | |
|---|----------|--------|-------------|--|--------------|--------|------|
| Sampler Signature | | Date | Time | Relinquished By: | Accepted By: | Date | Time |
|  | | 1-4-22 | 214PM |  | TLWS | 1/5/22 | 830 |
| Log in Custodian | | | H2SO4 pH <2 | ACT Courier | Notes: | | |
| Cooler Temp | | | NAOH pH >11 | Fed-Ex | | | |
| Date/Time | 1/5/2022 | | HNO3 pH <2 | UPS | | | |

Revised: 2/5/2020

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Plymouth WPCA
Jason Patrick
80 Main Street

Terryville, CT 06786

Report Date: 10/19/2021

ACT Number: 2021100017 - 1 Sample Date: 10/05/2021 Date Received: 10/06/2021
Sample Type: Grab Sample Time: 07:40:00 Project number
Collected by: Client Sample Matrix: Sludge
Location/ID: Dewatered Sludge
Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 19.1 | % | SM2540-G | 10/06/2021 03:30:00 PM | MAR |
| Total Solids | 4.47 | % | SM2540B | 10/06/2021 03:30:00 PM | MAR |
| Volatile Solids | 80.9 | % | EPA 160.3 | 10/06/2021 03:30:00 PM | MAR |
| <i>Metals</i> | | | | | |
| Arsenic, Total | 2.42 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Chromium, Total | 13.9 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Copper, Total | 409.0 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Lead, Total | 58.4 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 10/14/2021 01:27:07 PM | TU |
| Nickel, Total | 15.9 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |
| Zinc, Total | 606.0 | mg/Kg Dry | SW846-6010 | 10/13/2021 02:00:00 PM | TU |

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Jason Patrick
80 Main Street

Page 2


Terryville, CT 06786

Report Date: 10/19/2021

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2021100017 - 1 | Sample Date: 10/05/2021 | Date Received: 10/06/2021 |
| Sample Type: Grab | Sample Time: 07:40:00 | Project number |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| <i>PCB's</i> | | | | | |
| Arochlor 1016 | <1 | mg/Kg Dry | SW846-8082A | 10/18/2021 11:25:00 PM | RL |
| Arochlor 1221 | <1 | mg/Kg Dry | SW846-8082A | 10/18/2021 11:25:00 PM | RL |
| Arochlor 1232 | <1 | mg/Kg Dry | SW846-8082A | 10/18/2021 11:25:00 PM | RL |
| Arochlor 1242 | <1 | mg/Kg Dry | SW846-8082A | 10/18/2021 11:25:00 PM | RL |
| Arochlor 1248 | <1 | mg/Kg Dry | SW846-8082A | 10/18/2021 11:25:00 PM | RL |
| Arochlor 1254 | <1 | mg/Kg Dry | SW846-8082A | 10/18/2021 11:25:00 PM | RL |
| Arochlor 1260 | <1 | mg/Kg Dry | SW846-8082A | 10/18/2021 11:25:00 PM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2021100017

168 Railroad Hill Street, Waterbury, CT 06708 (203)757-3960

ACT #: 2021100017-1

| | | | | | | | |
|-----------|-----------|-----------|-----------|----------|------------|------------|-----------|
| WW | SW | GW | DW | S | OIL | MAT | ST |
|-----------|-----------|-----------|-----------|----------|------------|------------|-----------|

Turn around Time: 24Hrs 48Hrs 72Hrs

| | |
|------------------|---------------|
| Client Name: | Plymouth WPCF |
| Client Email: | |
| Client Contact: | Jason Patrick |
| Account Number : | 005650 |

Client Phone: 860-582-4881
Client Address: 80 Main Street, Terryville, CT 06786

PO Number: _____

Note: It is the client's responsibility to verify all information on this chain of custody.

Quantity (QTY): Number of bottles



Volumes (VOL): 12 = 125mL, 25 = 250mL, 50 = 500mL, 10 = 1L (1000mL), 1G = 1 Gallon, 2G = 2.5 Gallon, 5G = 5 Gallon

Preservative (PRES): NP = Non-preserve, SP = Sulfuric Preserve, NA = Nitric Acid Preserve, SH = Sodium Hydroxide Preserve, HCl = Hydrochloric Acid Preserve

Key
Code Container type (TYPE): P = Plastic, G = Clear Glass, AG = Amber Glass, BG = Baked Amber Glass, V = EPA 40ml Vials, S = Sterile Cup, C = Cube/Jug

Matrix Abbreviations: **WW** = Wastewater, **GW** = Ground Water, **SW** = Surface Water, **DW** = Drinking Water, **DI** = DI Water,

Matrix Abbreviations: **W** = Waste, **S** = Solid/Soil, **Oil** = Petroleum/Lubricant, **Mat** = Material, **ST** = Stormwater

| | | | | | | | |
|--|------------------|---------------|-------------|--------------------------------|--|---------------|------------|
| Sampler Signature:  | | Date: 10-5-21 | Time: 747AM | Relinquished By: A. Skolniksky | Accepted By:  | Date: 10/6/21 | Time: 0920 |
| 10/7 | Log in Custodian | | H2SO4 pH<2 | ACT Courier | Notes: | | |
| 01.3 | Cooler Temp | | NAOH pH >11 | Fed-Ex | | | |
| 10/6 | Date/Time | | HNO3 pH <2 | UPS | | | |

Revised: 2/5/2020

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Plymouth WPCA
Jason Patrick
80 Main Street

Terryville, CT 06786

Report Date: 08/11/2021

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2021070226 - 1 | Sample Date: 07/27/2021 | Date Received: 07/28/2021 |
| Sample Type: Grab | Sample Time: 13:45:00 | Project number |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 11.3 | % | SM2540-G | 08/02/2021 04:00:00 PM | CLC |
| Total Solids | 5.34 | % | SM2540B | 08/02/2021 04:00:00 PM | CLC |
| Volatile Solids | 88.7 | % | SM2540-GV | 08/02/2021 04:00:00 PM | MAR |
| <i>Metals</i> | | | | | |
| Arsenic, Total | 1.15 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Chromium, Total | 11.2 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Copper, Total | 280.0 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Lead, Total | 16.5 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 07/30/2021 06:17:31 PM | TU |
| Nickel, Total | 9.5 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |
| Zinc, Total | 400.0 | mg/Kg Dry | SW846-6010 | 07/30/2021 05:00:00 PM | TU |

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Plymouth WPCA
Jason Patrick
80 Main Street

Page 2


Terryville, CT 06786

Report Date: 08/11/2021

ACT Number: 2021070226 - 1 Sample Date: 07/27/2021 Date Received: 07/28/2021
Sample Type: Grab Sample Time: 13:45:00 Project number
Collected by: Client Sample Matrix: Sludge
Location/ID: Dewatered Sludge
Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| <i>PCB's</i> | | | | | |
| Arochlor 1016 | <1 | mg/Kg Dry | SW846-8082A | 08/10/2021 09:01:00 PM | RL |
| Arochlor 1221 | <1 | mg/Kg Dry | SW846-8082A | 08/10/2021 09:01:00 PM | RL |
| Arochlor 1232 | <1 | mg/Kg Dry | SW846-8082A | 08/10/2021 09:01:00 PM | RL |
| Arochlor 1242 | <1 | mg/Kg Dry | SW846-8082A | 08/10/2021 09:01:00 PM | RL |
| Arochlor 1248 | <1 | mg/Kg Dry | SW846-8082A | 08/10/2021 09:01:00 PM | RL |
| Arochlor 1254 | <1 | mg/Kg Dry | SW846-8082A | 08/10/2021 09:01:00 PM | RL |
| Arochlor 1260 | <1 | mg/Kg Dry | SW846-8082A | 08/10/2021 09:01:00 PM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2021070226

168 Railroad Hill Street, Waterbury, CT 06708 (203)757-3960

ACT #: 2021070226-
WW SW GW DW S OIL MAT ST
 Turn around Time: 24Hrs 48Hrs 72Hrs

| | |
|------------------|----------------------|
| Client Name: | <u>Plymouth WPCF</u> |
| Client Email: | |
| Client Contact: | <u>Jason Patrick</u> |
| Account Number : | 005650 |

Client Phone: 860-582-4881
Client Address: 80 Main Street, Terryville, CT 06786
PO Number:

Note: It is the client's responsibility to verify all information on this chain of custody.

Volumes (VOL): 12 = 125mL, 25 = 250mL, 50 = 500mL, 10 = 1L (1000mL), 1G = 1 Gallon, 2G = 2.5 Gallon, 5G = 5 Gallon

Preservative (PRES): NP = Non-preserve, SP = Sulfuric Preserve, NA = Nitric Acid Preserve, SH = Sodium Hydroxide Preserve, HCl = Hydrochloric Acid Preserve

Container type (TYPE): P = Plastic, G = Clear Glass, AG = Amber Glass, BG = Baked Amber Glass, V = EPA 40ml Vials, S = Sterile Cup, C = Cube/Jug

Matrix Abbreviations: **WW** = Wastewater, **GW** = Ground Water, **SW** = Surface Water, **DW** = Drinking Water, **DI** = DI Water, **W** = Waste, **S** = Solid/Soil, **Oil** = Petroleum/Lubricant, **Mat** = Material, **ST** = Stormwater

| | | | | | | | |
|---|--|------------------------------|-----------------|---------------------------------|------------------------------------|-----------------|-----------|
| Sampler Signature <i>[Signature]</i> | | Date 7-27-21 | Time 1:50 PM | Relinquished By: A. SIKORSKY | Accepted By: <i>[Signature]</i> | Date 7/28/21 | Time 8 |
| Log in Custodian Cooler Temp Date/Time 7/28/21 | H2SO4 pH <2 NAOH pH >11 HNO3 pH <2 | ACT Courier Fed-Ex UPS | | Notes: | | | |

Revised: 2/5/2020

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Plymouth WPCA
Bill Kryzanowski
80 Main Street

Terryville, CT 06786

Report Date: 05/07/2021

ACT Number: 2021040205 - 1

Sample Date: 04/21/2021

Date Received: 04/21/2021

Sample Type: Composite

Sample Time: 08:03:

Project number

Collected by: Client

Sample Matrix: Sludge

Location/ID: Dewatered Sludge

Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 8.09 | % | SM2540-G | 04/22/2021 09:40:00 AM | MAR |
| Total Solids | 2.86 | % | SM2540B | 04/22/2021 09:40:00 AM | MAR |
| Volatile Solids | 91.91 | % | SM2540-GIV | 04/22/2021 09:40:00 AM | MAR |
| <i>Metals</i> | | | | | |
| Arsenic, Total | 0.72 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Chromium, Total | 4.9 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Copper, Total | 235.0 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Lead, Total | 10.1 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 04/27/2021 01:01:41 PM | TU |
| Nickel, Total | 7.0 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |
| Zinc, Total | 254.0 | mg/Kg Dry | SW846-6010 | 04/28/2021 04:00:00 PM | TU |

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CT PH-0518

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Plymouth WPCA
Bill Kryzanowski
80 Main Street

Page 2


Terryville, CT 06786

Report Date: 05/07/2021

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2021040205 - 1 | Sample Date: 04/21/2021 | Date Received: 04/21/2021 |
| Sample Type: Composite | Sample Time: 08:03: | Project number |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| <i>PCB's</i> | | | | | |
| Arochlor 1016 | <2 | mg/Kg Dry | SW846-8082A | 05/04/2021 09:28:00 PM | RL |
| Arochlor 1221 | <2 | mg/Kg Dry | SW846-8082A | 05/04/2021 09:28:00 PM | RL |
| Arochlor 1232 | <2 | mg/Kg Dry | SW846-8082A | 05/04/2021 09:28:00 PM | RL |
| Arochlor 1242 | <2 | mg/Kg Dry | SW846-8082A | 05/04/2021 09:28:00 PM | RL |
| Arochlor 1248 | <2 | mg/Kg Dry | SW846-8082A | 05/04/2021 09:28:00 PM | RL |
| Arochlor 1254 | <2 | mg/Kg Dry | SW846-8082A | 05/04/2021 09:28:00 PM | RL |
| Arochlor 1260 | <2 | mg/Kg Dry | SW846-8082A | 05/04/2021 09:28:00 PM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2021040205

168 Railroad Hill Street, Waterbury, CT 06708 (203)757-3960

2021040205-

WW SS DW GW MAT

Client Phone: 860-582-4881

Client Address: 80 Main Street, Terryville, CT 06786

Purchase Order #:

Containers: Non Preserve 1000=10NP, 500=50NP, 250=25NP, 125=12NP, Nitric Acid 1000=10NA, 500=50NA, 250=25NA, 125=12NA
Sodium Hydroxide 500=50SH, 250=25SH, 125=12SH Sulfuric(Plastic) 1000=10SP, 500=50SP, 250=25SP
Sulfuric Glass 100SG, Baked Glass 100BG, Sterile Cup = S, Vials = 40ml = VOA, Phenols 1000=P

Log in Custodian SM
 Date: 4/21/2021 Time 0840
 Cooler Temp $<6^{\circ}\text{C}$ 4.9
 H_2SO_4 pH <2 HNO_3 pH <2
 NaOH pH >11

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80 Main Street

Terryville, CT 06786

Report Date: 02/08/2021

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2021010081 - 1 | Sample Date: 01/12/2021 | Date Received: 01/13/2021 |
| Sample Type: Composite | Sample Time: 11:05:00 | Project number |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 17.25 | % | SM2540-G | 01/14/2021 09:40:00 AM | MAR |
| Total Solids | 7.12 | % | SM2540B | 01/14/2021 09:40:00 AM | MAR |
| Volatile Solids | 82.25 | % | SM2540-GV | 01/14/2021 09:40:00 AM | MAR |
| <i>Metals</i> | | | | | |
| Arsenic, Total | 0.72 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Chromium, Total | 6.9 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Copper, Total | 106.0 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Lead, Total | 10.5 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 01/29/2021 11:55:22 AM | TU |
| Nickel, Total | <5.0 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |
| Zinc, Total | 138.0 | mg/Kg Dry | SW846-6010 | 01/26/2021 12:00:00 PM | TU |

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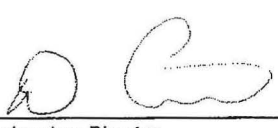
Terryville, CT 06786

Report Date: 02/08/2021

ACT Number: 2021010081 - 1 Sample Date: 01/12/2021 Date Received: 01/13/2021
Sample Type: Composite Sample Time: 11:05:00 Project number
Collected by: Client Sample Matrix: Sludge
Location/ID: Dewatered Sludge
Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| <i>PCB's</i> | | | | | |
| Arochlor 1016 | <1 | mg/Kg Dry | SW846-8082A | 02/04/2021 11:30:00 AM | RL |
| Arochlor 1221 | <1 | mg/Kg Dry | SW846-8082A | 02/04/2021 11:30:00 AM | RL |
| Arochlor 1232 | <1 | mg/Kg Dry | SW846-8082A | 02/04/2021 11:30:00 AM | RL |
| Arochlor 1242 | <1 | mg/Kg Dry | SW846-8082A | 02/04/2021 11:30:00 AM | RL |
| Arochlor 1248 | <1 | mg/Kg Dry | SW846-8082A | 02/04/2021 11:30:00 AM | RL |
| Arochlor 1254 | <1 | mg/Kg Dry | SW846-8082A | 02/04/2021 11:30:00 AM | RL |
| Arochlor 1260 | <1 | mg/Kg Dry | SW846-8082A | 02/04/2021 11:30:00 AM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2021010081

168 Railroad Hill Street, Waterbury, CT 06708 (203)757-3960

2021010081-1

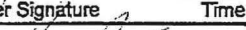
WW SS DW GW MAT

Client Phone: 860-582-4881

Client Address: 80 Main Street, Terryville, CT 06786

Purchase Order #:

Containers: Non Preserve 1000=10NP,500=50NP,250=25NP,125=12NP, Nitric Acid 1000=10NA,500=50NA,250=25NA,125=12NA
Sodium Hydroxide 500=50SH,250=25SH,125=12SH Sulfuric(Plastic) 1000=10SP,500=50SP,250=25SP
Sulfuric Glass 100SG,Baked Glass 1000BG, Sterile Cup = S, Vials = 40ml = VOA, Phenols 1000=P

| Sampler Signature | Time | Date | Relinquished By: | Accepted By: | Date | Time |
|---|------|----------|------------------|--------------|----------|------|
|  | 730 | 11/13/21 | John Theriault | TULLIS | 11/13/21 | 810 |
| Log in Custodian <u>Sm</u> Date: 11/13/21 | | | | | | |

Log in Custodian Sm
 Date: 1/13/2021 Time 0930
 Cooler Temp <6°C
 H₂SO₄ pH <2 HNO₃ pH <2
 NaOH pH >11

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Plymouth WPCA
Bill Kryzanowski
80 Main Street

Terryville, CT 06786

Report Date: 10/26/2020

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2020100035 - 1 | Sample Date: 10/07/2020 | Date Received: 10/07/2020 |
| Sample Type: Grab | Sample Time: 07:15:00 | Project number |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 9.09 | % | SM2540-G | 10/09/2020 04:00:00 PM | LRW |
| Total Solids | 2.81 | % | SM2540B | 10/09/2020 04:00:00 PM | LRW |
| Volatile Solids | 90.9 | % | SM2540-GIV | 10/09/2020 04:00:00 PM | LRW |
| <i>Metals</i> | | | | | |
| Arsenic, Total | 1.95 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Chromium, Total | 12.2 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Copper, Total | 436.0 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Lead, Total | 21.6 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 10/23/2020 01:16:41 PM | TU |
| Nickel, Total | 10.9 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |
| Zinc, Total | 598.0 | mg/Kg Dry | SW846-6010 | 10/16/2020 12:30:00 PM | TU |

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Bill Kryzanowski
80 Main Street

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Terryville, CT 06786

Report Date: 10/26/2020

ACT Number: 2020100035 - 1

Sample Date: 10/07/2020

Date Received: 10/07/2020

Sample Type: Grab

Sample Time: 07:15:00

Project number

Collected by: Client


Sample Matrix: Sludge

Location/ID: Dewatered Sludge

Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| PCB's | | | | | |
| Arochlor 1016 | <1.0 | mg/Kg Dry | SW846-8082A | 10/23/2020 12:48:00 AM | RL |
| Arochlor 1221 | <1.0 | mg/Kg Dry | SW846-8082A | 10/23/2020 12:48:00 AM | RL |
| Arochlor 1232 | <1.0 | mg/Kg Dry | SW846-8082A | 10/23/2020 12:48:00 AM | RL |
| Arochlor 1242 | <1.0 | mg/Kg Dry | SW846-8082A | 10/23/2020 12:48:00 AM | RL |
| Arochlor 1248 | <1.0 | mg/Kg Dry | SW846-8082A | 10/23/2020 12:48:00 AM | RL |
| Arochlor 1254 | <1.0 | mg/Kg Dry | SW846-8082A | 10/23/2020 12:48:00 AM | RL |
| Arochlor 1260 | <1.0 | mg/Kg Dry | SW846-8082A | 10/23/2020 12:48:00 AM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2020100035

168 Railroad Hill Street, Waterbury, CT 06708 (203)757-3960

2020010035-

WW SS DW GW MAT

Client Phone: 860-582-4881

Client Address: 80 Main Street, Terryville, CT 06786

Purchase Order #:

Containers: Non Preserve 1000=10NP,500=50NP,250=25NP,125=12NP, Nitric Acid 1000=10NA,500=50NA,250=25NA,125=12NA
Sodium Hydroxide 500=50SH,250=25SH,125=12SH Sulfuric(Plastic) 1000=10SP,500=50SP,250=25SP
Sulfuric Glass 100SG,Baked Glass 1000BG, Sterile Cup = S, Vials = 40ml = VOA, Phenols 1000=P

Log in Custodian SM
Date: 10/7/20 Time 083
Cooler Temp $<6^{\circ}\text{C}$ 4.7
 H_2SO_4 pH <2 HNO_3 pH <2
 NaOH pH >11

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Plymouth WPCA
Bill Kryzanowski
80 Main Street

Terryville, CT 06786

Report Date: 08/04/2020

| | | |
|-------------------------------|-------------------------|---------------------------|
| ACT Number: 2020070194 - 1 | Sample Date: 07/22/2020 | Date Received: 07/22/2020 |
| Sample Type: Composite | Sample Time: 08:20:00 | Project number |
| Collected by: Client | | Sample Matrix: Sludge |
| Location/ID: Dewatered Sludge | | |
| Description: | | |

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|------------------|--------|-----------|------------|------------------------|---------|
| <i>Inorganic</i> | | | | | |
| Fixed Solids | 8.63 | % | SM2540-G | 07/27/2020 04:00:00 PM | LRW |
| Total Solids | 4.31 | % | SM2540B | 07/27/2020 04:00:00 PM | LRW |
| Volatile Solids | 91.4 | % | SM2540-GIV | 07/27/2020 04:00:00 PM | LRW |
| <i>Metals</i> | | | | | |
| Arsenic, Total | 1.65 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Beryllium, Total | <1.0 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Cadmium, Total | <10.0 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Chromium, Total | 8.3 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Copper, Total | 314.0 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Lead, Total | 20.0 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Mercury, Total | <0.25 | mg/Kg Dry | SW846-7470 | 07/31/2020 02:38:14 PM | TU |
| Nickel, Total | 9.6 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Selenium, Total | <0.25 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |
| Zinc, Total | 864.0 | mg/Kg Dry | SW846-6010 | 07/29/2020 01:00:00 PM | TU |

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Page 2


Terryville, CT 06786

Report Date: 08/04/2020

ACT Number: 2020070194 - 1 Sample Date: 07/22/2020 Date Received: 07/22/2020
Sample Type: Composite Sample Time: 08:20:00 Project number
Collected by: Client Sample Matrix: Sludge
Location/ID: Dewatered Sludge
Description:

| Laboratory Test | Result | Units | Method | Analysis Date | Analyst |
|-----------------|--------|-----------|-------------|------------------------|---------|
| PCB's | | | | | |
| Arochlor 1016 | <1.0 | mg/Kg Dry | SW846-8082A | 08/03/2020 08:57:00 PM | RL |
| Arochlor 1221 | <1.0 | mg/Kg Dry | SW846-8082A | 08/03/2020 08:57:00 PM | RL |
| Arochlor 1232 | <1.0 | mg/Kg Dry | SW846-8082A | 08/03/2020 08:57:00 PM | RL |
| Arochlor 1242 | <1.0 | mg/Kg Dry | SW846-8082A | 08/03/2020 08:57:00 PM | RL |
| Arochlor 1248 | <1.0 | mg/Kg Dry | SW846-8082A | 08/03/2020 08:57:00 PM | RL |
| Arochlor 1254 | <1.0 | mg/Kg Dry | SW846-8082A | 08/03/2020 08:57:00 PM | RL |
| Arochlor 1260 | <1.0 | mg/Kg Dry | SW846-8082A | 08/03/2020 08:57:00 PM | RL |

For Analytical Consulting Technology, Inc.


Laboratory Director

2020070194

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2020570194-1

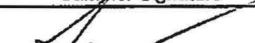
WW SS DW GW MAT

Client Phone: 860-582-4881

Client Address: 80 Main Street, Terryville, CT 06786

Purchase Order #:

Containers: Non Preserve 1000=10NP, 500=50NP, 250=25NP, 125=12NP, Nitric Acid 1000=10NA, 500=50NA, 250=25NA, 125=12NA
Sodium Hydroxide 500=50SH, 250=25SH, 125=12SH Sulfuric(Plastic) 1000=10SP, 500=50SP, 250=25SP
Sulfuric Glass 100SG, Baked Glass 100BG, Sterile Cup = S, Vials = 40ml = VOA, Phenols 1000=P

| Sampler Signature | Time | Date | Relinquished By: | Accepted By: | Date | Time |
|--|---------|---------|------------------|--------------|---------|------|
|  | 8:20 AM | 7-22-20 | Jason L. Bell | TLUSJ | 7/22/20 | 8:20 |
| Log in Custodian <u>sm</u> Date: <u>7/22/2020</u> Time <u>0955</u> Cooler Temp <u><6°C</u> <u>5.2</u> | | | | | | |

Containers: Non Preserve 1000=10NP, 500=50NP, 250=25NP, 125=12NP, Nitric Acid 1000=10NA, 500=50NA, 250=25NA, 125=12NA

Sodium Hydroxide 500=50SH,250=25SH,125=12SH Sulfuric(Plastic) 1000=10SP,500=50SP,250=25SP

Sulfuric Glass 100SG, Baked Glass 1000BG, Sterile Cup = S, Vials = 40ml = VOA, Phenols 1000=P

Log in Custodian SM

Date: 7/27/2020 Time 0955

Cooler Temp $< 6^{\circ}\text{C}$ 5.2

H₂SO₄ pH <2 _____ HNO₃ pH <2 _____

NaOH pH > 11 _____

Revised 1/23/18