CITY OF MIDDLETOWN - PURCHASING OFFICE
MUNICIPAL BUILDING ROOM 112
245 DEKOVEN DRIVE
MIDDLETOWN, CT. 06457
(860) 638-4895

CONTRACT DOCUMENTS

BID #2016-024
REMEDIATION SERVICES
FOR 645 AND 575 MAIN STREET
MIDDLETOWN, CT

Proposals due by :Friday, October 28, 2016 at 11:00 AM

DONNA L. IMME, CPPB
SUPERVISOR OF PURCHASES

CARL R. ERLACHER
DIRECTOR OF FINANCE AND REVENUE SERVICES

BID #2016-024- Remediation Services for 645 & 575 Main Street – Planning, Conservation and Development Dept.

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CITY OF MIDDLETOWN
INVITATION TO BID

Sealed bids, will be accepted by the City of Middletown from qualified **contractors**. Bid Proposals shall be addressed to the Supervisor of Purchases, City of Middletown, Room 112, Municipal Building, Middletown, Connecticut, and will be received until **Friday, October 28, 2016 at 11:00 am** for the following project:

BID #2016-024
REMEDIATION SERVICES
FOR 645 AND 575 MAIN STREET
MIDDLETOWN, CT

A bid bond in the amount of ten percent (10%) of the total bid amount shall be required with all bids submitted. Performance and Labor and Materials Payment Bond(s) in the amount of 100% of the contract sum shall be required from the selected bidder following award. A Maintenance Bond in the amount of ten percent (10%) of the contract sum shall be required after completion of work and prior to final payment.

****A mandatory pre-bid meeting** has been scheduled for **Thursday, October 13, 2016 at 10:00 am** and will be held at the site(s), meeting first at 645 Main Street proceeding to 575 Main Street, Middletown, CT. **Representative of all interested bidders are required to attend this meeting; attendance is mandatory.**

Bid proposals must be executed in accordance with and are subject to the instructions contained within the Information for Bidders. The three (3) apparent lowest responsible bidders' bid bond documents may be held for a period of up to ninety (90) consecutive calendar days or until a contract is signed and then all bond documents, other than those of the successful responsible bidder shall be returned.

Bid Packages may be obtained at the Purchasing Department, Room 112, Municipal Building, 245 DeKoven Drive, Middletown, CT, Monday - Friday, between the hours of 8:30 a.m. and 4:30 p.m. for a fee of $.50 per page. **It is preferred that they are downloaded free of charge on the City of Middletown web site: www.MiddletownCT.gov.**

Bids will be publicly opened and read aloud in **Room 208 in the Municipal Building,** 245 DeKoven Drive, Middletown, Connecticut. All bids shall be submitted in duplicate on the designated forms using the Bid Return Label provided as designated in the Information for Bidders.

The City of Middletown reserves the right to waive any defect or any irregularity in any bid and reserves the right to reject any or all bids or any part thereof. Bids and amendments to bids received after the time set for the bid opening will not be considered. **All bids must be completely filled out when submitted. No bid may be withdrawn for a period of ninety (90) days subsequent to the opening of bids without the written consent of the City of Middletown. Withdrawal of any bid must be submitted in writing to the City of Middletown.**

This contract is subject to state set-aside and contract compliance requirements. All bids and proposals are subject to, and must comply with the equal opportunity and non-discriminatory provisions set forth in the Affirmative Action Plan of the City of Middletown.

Dated: **09/30/2016**
Middletown, Connecticut

_____
Donna L. Imme, CPPB
Supervisor of Purchases

INFORMATION FOR BIDDER

1. Date and Place for Opening Proposals - Pursuant to the "Invitation to Bidders", sealed proposals for performing the work will be received by the Purchasing Office, Room 112, at the time and place set forth therein with the award to be made as soon as practicable thereafter. All bids received by the time set for receipt will be opened by the Supervisor of Purchases and read publicly at the exact time set for receipt irrespective of any irregularities therein. Bidders and or their representative and any interested public may be present.

2. Printed Form for Proposals - All proposals must be made upon the blank proposal form as attached hereto; should give unit and lump sum prices both in words and figures; must be signed and acknowledged by the bidder where indicated on the proposal form; in a sealed envelope using the Bid Return Label provided.

3. Omissions and Discrepancies - Should a bidder find discrepancies or omissions from the Documents or should he doubt their meaning, he should immediately notify the Supervisor of Purchases who may send written instructions to all bidders. **Bidders must type or use black pen at all times.** Questions will be addressed in accordance with item #10 of the Information to Bidders.

4. Acceptance or Rejection of Proposals - The City reserves the right to accept or reject any or all proposals. Without limiting the generality of the foregoing, any proposal which omits a bid on any one or more items on the price sheet may be rejected; any proposal in which unit prices are omitted or in which unit prices are obviously unbalanced may be rejected.

5. Acceptance of Proposals and the Effect – Within ninety (90) calendar days after the opening of the bids, the City will act upon them. The acceptance of a proposal will be either a notice of award, in writing, or an acceptance letter from the Supervisor of Purchases, and no other act shall constitute the acceptance of a proposal. The acceptance of a proposal shall bind the successful bidder to execute the contract within the time and manner as set forth within these contract documents making him responsible and liable for failure to execute as prescribed.

6. Time for Executing Contract and Damages for Failure to Execute - Any bidder whose proposal shall be accepted will be required to appear at the office, where directed to appear in notice of award, in person, or a duly authorized representative of a firm or corporation, to execute the contract within ten (10) days, including Saturdays and Sundays, of the date of mailing of a notice, stating that the award has been made to him or his firm. Failure or neglect to do so shall constitute a breach of contract for which the City may cancel the notice of award, award the bid to someone else, or rebid the entire project as well as sue for damages.

Damages for such a breach of contract will include but not be limited to the loss of any awarding of work to him and other items whose accurate amount will be difficult or impossible to compute, and all other damages recoverable at law and in equity.

7. Determination of Lowest Responsible Bidder/Award - Except where the Owner exercises the right herein to reject any or all proposals, the contract will be awarded by the owner to the "Lowest Responsible Bidder", as determined under the factors to be considered under section 78-8, as amended, of the Middletown Code of Ordinances.

It is the intent of the City to award one (1) general contract in the aggregate to the lowest responsible bidder complying with these specifications, submitting the lowest total cost to complete the work as specified, providing that there are sufficient funds available to award this contract. It is the intent of the City to accept bids from general contractors only for this project. The lowest responsible bid shall be determined based upon the sum of the base bid and bid alternates selected, if any. Additionally, in determining whether a bidder qualifies as the lowest responsible bidder, the City shall also review other subjective factors, such as the bidder's skill, ability and integrity to perform the work as specified, the bidders professional references (if required), the bidders reputation, information discovered during the interview

process (if applicable) and whether the City in its sole discretion determines that awarding the bid to the bidder will be in the best interests of the City. The City shall award the contract to the lowest responsible bidder using the guidelines set forth herein, or shall reject all bids.

8. Time of Completion/Liquidated Damages The bidder shall be available to commence work within ten (10) consecutive calendar days after receipt of the Notice to Proceed as issued by the City and shall agree to complete the work within the time specified for completion.

Bidders are advised that the date set for substantial completion for this project shall be within sixty (60) consecutive Calendar days after the award of bid and/or Notice to proceed.

Any contract awarded pursuant to this Bid Document shall be subject to a liquidated damages provision whereby the Parties recognize that time is of the essence with this project and that the City will suffer financial loss if the project is not completed within the times specified in the Contract documents, plus any extensions of such deadlines thereof allowed by the City.

The bidder agrees that all extensions made by the City shall be in writing or shall be deemed ineffective. The bidder also recognizes that the delays, expense, and difficulties involved in proving the actual loss suffered by the City if the project is not completed on time. Accordingly, instead of requiring any such proof, the bidder agrees that as liquidated damages for delay (but not as a penalty) bidder shall pay the City five hundred dollars ($500.00) for each day that expires after the time specified in this section for substantial completion, until the project is determined in good faith to be substantially complete by the City.

After substantial completion has been achieved, if bidder shall neglect, refuse, or fail to complete the remaining work within the time specified in the Contract documents for the completion and readiness for final payment or within the time frame allowed by any proper extension that is granted by the City, the bidder shall pay the City one thousand dollars ($1000.00) for each day that such work is not completed. These liquidated damages will apply to any termination for cause or convenience, with or without cause and without prejudice to any other right or remedy of the City.

9. Prices - In the event of discrepancy between the unit prices or lump sum prices quoted in the proposal in words and those in figures, the written prices shall control. The prices are to include furnishing all material, equipment, labor, and incidentals necessary to comply with the City's requirements.

10. Interpretations and Addenda - No oral interpretations shall be made to any bidder as to the meaning of any of the Contract Documents or to be effective to modify any of the provisions of the Contract Documents.

Every request for an interpretation shall be made in writing, addressed and forwarded to the Supervisor of Purchases, Municipal Building, 245 DeKoven Drive, Middletown, Connecticut, 06457. Questions may be sent via facsimile to (860) 638-1995 or emailed at purchase@middletownct.gov

To receive consideration, such questions shall be submitted in writing. **Deadline for submission of questions is Wednesday, October 19, 2016 by 12:00 PM (EST).** If the question involves the equality or use of products or methods, it must be accompanied by drawings, specifications or other data in sufficient detail to enable the Supervisor of Purchases to determine the equality or suitability of the product or method. In general, the Supervisor of Purchases will neither approve nor disapprove particular products prior to the opening of the bids; such products will be considered when offered by the bidder for incorporation into the work.

The Purchasing Supervisor will arrange as Addenda, which shall become a part of the contract, all questions received as above provided and the decision regarding each. The Purchasing Supervisor will post said addenda to the City website at www.middletownct.gov. Non-receipt of said Addenda shall not excuse compliance with said addenda. It is the bidder's responsibility to determine whether any addenda have been issued and if so whether he/she has received a copy of each. Nothing in this section shall prohibit the Purchasing Supervisor from posting Addenda to

extend the deadline for the receipt of bids at any time and for any reason.

It is the responsibility of each bidder to visit our website at www.middletownct.gov to view additional information and/or acknowledge any addenda's issued prior to submitting a bid.

No alleged "verbal interpretation" shall be held valid. Any addenda issued during the bidding period shall supersede previous information.

11. Termination of Agreement - If bidder fails to fulfill its obligations under this Agreement violates any of the covenants, agreements, or stipulations of this Agreement, or if the City deems that the bidder's conduct could have a negative effect on the reputation of the City, the City shall have the right, in its sole discretion, to terminate this Agreement immediately. Additionally, the City reserves the right, if it determines it to be in the best interests of the City to do so, to terminate this Agreement at the end of any full month. If the City exercises this right, it shall terminate this Agreement by giving ten (10) days advance written notice to the bidder of such termination in the month in which the termination is to take effect, and in such event, the contract shall terminate at the end of that month. The bidder shall be compensated for only those services actually rendered prior to the date of termination.

12. Insurance - The selected bidder shall be required to provide a Certificate of Insurance as specified in the attachment entitled "Insurance Requirements". The bidder shall be required to provide evidence of such insurance coverage to the Supervisor of Purchases within ten (10) days from receipt of the Notice of Award. Evidence of such insurance coverage and City approval shall be required prior to the execution of the contract document.

13. Excise and Sales Tax - Services provided to the City of Middletown are exempt from the payment of Federal Excise and Connecticut Sales taxes.
Bidders are advised that the services required pursuant to this contract are exempt, pursuant to Section 12-426-18 of the Regulations of Connecticut State Agencies.

14. Firm Pricing - The City of Middletown requires that all bidders hold bid pricing firm the minimum of ninety (90) consecutive calendar days from the date of receipt of bids.

15. Condition Necessary to Complete Contract to Satisfaction of the City of Middletown - The City shall designate the time, place and amounts of work to be done so as to meet all stipulations as set forth in the Contract Documents. Any contractual agreement made herein between the bidder and the City shall not restrict the City from utilizing other sources of materials and services. If the City chooses to utilize other sources of materials and/or services, this shall not act to negate or void the contract; nor shall employment of such materials or services be used as a basis for the successful bidder to abandon his responsibilities or to claim damages as set forth within the Contract Documents.

16. DAS Prequalification Certificate and DAS Update (Bid) Statement - The Contractor and any Subcontractor performing work with a subcontract value in excess of $500,000 shall each hold a current DAS Contractor Prequalification Certificate from the State of Connecticut Department of Administrative Services in accordance with C.G.S. Section 4a-100. Bidders shall submit in their bid the DAS Prequalification Certificate and a current DAS Update (Bid) Statement. Bids submitted without the DAS Prequalification Certificate and DAS Update (Bid) Statement shall be disqualified.

17. Bonds -

A. Bid Bond - The proposal must be accompanied by a Bid Bond which shall not be less than ten percent **(10.0%)** of the total bid amount. The Bid Bond shall be prepared on the forms attached to these documents by a recognized Surety Company acceptable to the City. Premiums shall be paid by the bidder. The bid bond shall be made to the City of Middletown. **Alternate bond forms will not be accepted by the City.**

   Certified checks in an amount of not less than ten percent (10.0%) of the total bid as stated above, made payable to the City of Middletown, will be accepted in lieu of a bid bond.

B. Guarantee by Surety - The bid shall be accompanied by a written guarantee submitted on the form attached to these documents by a Surety authorized to do business in Connecticut that it will provide the 100% Performance Bond included within these specifications required by the contract documents if the bidder's bid is accepted.

C. Performance and Labor and Materials Bond - The bidder shall furnish a Surety Bond in an amount equal to one hundred percent (100%) of the contract price as security for faithful performance of the contract and for payment of all persons performing labor or supplying materials on the project under the contract, prior to the execution of the contract. Surety on such bond shall be provided by a duly authorized Surety company licensed to do business in the State of Connecticut and all bonds shall meet the approval of the City of Middletown. Premiums shall be paid by the bidder. All bonds shall be made to the City of Middletown. The bidder must utilize the Performance Bond Form included with these specifications. **Alternate bond forms will not be accepted.**

D. Maintenance Bond - Following completion of the project, the bidder shall be required to furnish a Maintenance Bond on the designated form incorporated herein. The Maintenance Bond shall be in the amount of ten percent (10%) of the contract price and must be furnished to the City of Middletown prior to the execution of the final payment and will act as a warranty for a period of twelve (12) months from date of final payment as set forth in the

Maintenance Bond. **Alternate bond forms will not be accepted.**

E. Amendments to Bonds - Any changes, modifications, amendments and/or alterations to any of the required bond forms shall be highlighted and the City shall be advised of same and consent to same prior to its acceptance of the bond as so changed, modified, amended and/or altered. Failure to advise the City of these changes in accordance with this requirement shall make the bidder ineligible to bid on any future City projects.

F. Tax Bonds**:** All Non-resident Trade Contractors are required to submit either a "Verification approval (form AU-960 & 961) Or Acceptance of Surety Bond (form AU-964) to the State of Connecticut Department of Revenue Services (DRS). The successful bidder must provide approval confirmation to the City of Middletown submitting form (AU-962) or (AU-965) issued from the DRS prior to the issuance of the Notice to Proceed.

18. Conditional/Qualified Bids - A conditional or qualified bid will not be accepted.

19. Corrections to Bids - Corrections, erasures or other changes in the bid proposal must be noted over the signature of the bidder.

21. Facsimile Bids - Facsimile bids will not be accepted by the City under any circumstance.

20. Assignment of Antitrust Claims - The contractor or subcontractor offers and agrees to assign to the City of Middletown all right, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act, 15 U.S.C. § 15, as amended, or under Chapter 624 of the General Statutes of Connecticut, as amended, arising out of the purchase of services, property, commodities or intangibles of any kind pursuant to a purchase contract or subcontract made by the City of Middletown. This assignment shall be made and become effective at the time the City of Middletown awards or accepts such contract, without further acknowledgment by the parties.(5-14-93)

22. Americans with Disabilities Act - The bidder in performing this agreement, will at all times, comply with the provisions of Title Ii, the nondiscrimination and access requirements, of the Americans with Disabilities Act.

23. Power of Attorney- Attorneys in fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

24. Building Permits - The selected bidder shall be required to obtain all necessary State and Local permits prior to the start of work as applicable. **Fees for local permits shall be waived.**

The bidder's attention is directed to the fact that one or more permits are required under this project. The bidder shall be prepared to provide, as a condition of the bid, all work needed to secure the permits that are required for this project and shall reflect full cost for such work in his/her bid.

25. Plans and Specifications - Up to Five (5) sets of plans and specifications will be furnished to the bidder upon the award of the contract.

26. Contract Documents - The contract documents shall be incorporated into the agreement form between the City of Middletown and the bidder, which documents shall include the Invitation to Bid, Information to Bidders, Proposal Form, Non-Collusive Affidavit, Statement of Bidders Qualifications, Wage Rates and Certification Form, Notice of Award, Standard Agreement, Notice to Proceed, Performance Bond, Bid Bond, Labor and Materials Payment Bond, Maintenance Bond, Certificate of Surety, Special Conditions, Supplementary Conditions, Conformance Form C.G.S., Change Order Form, Insurance Requirements, Certificate of Release or Waiver of Payment, Prevailing Wage Rates, General Conditions, Bid Attachments, Technical Specifications, any addenda issued during the bidding period and any other conditions or instructions bound as part of this specification.

27. Examination of Site - Each bidder shall visit and examine the site of the proposed work and fully acquaint himself with conditions, including concealed conditions, relating to construction and labor so that he may fully understand the facilities, difficulties and restrictions attending the execution of the work under this contract. Bidders shall thoroughly examine and be familiar with the drawings and the specifications. The failure or omission of any bidder to receive or examine any instrument, addendum or other documents or to visit the site and acquaint himself with conditions there existing, shall in no way relieve any bidder from any obligation with respect to his bid or the contract.

It is agreed and understood that the owner does not warrant or guarantee that the materials, pipes or other structures encountered during construction will be the same as those indicated by the logs of test pits or by the information given on the contract documents. The bidder must satisfy themselves regarding the character, quantities and conditions of the materials and the work to be done.

28. **A mandatory pre-bid meeting** has been scheduled for **Thursday, October 13, 2016 at 10:00 am** and will be held at the site(s), meeting first at 645 Main Street proceeding to 575 Main Street, Middletown, CT. **Representative of all interested bidders are required to attend this meeting; attendance is mandatory.**

The Pre-Bid Conference shall provide a means for the Contractor to identify inconsistencies in the Contract Documents. Should the Contractor fail to identify inconsistencies at this time and a question arises after the bidding period, it shall be assumed that the bidder had a clear understanding of the requirements of the contract and submitted his bid accordingly.

29. Withdrawal and Modifications of Proposals - Proposals may be withdrawn by written or telegraphic request delivered to the City of Middletown, care of The Purchasing Agent, by the time fixed for opening of bids. Negligence on the part of the bidder in preparing the Proposal, confers no right for withdrawal of the same after it has been opened. Proposals received later than the time and date specified will not be considered. The City of Middletown reserves the right to select or reject any or all of the bids and/or the unit prices, and not necessarily in the order in which they appear in the Proposal Form if to do so is in the best interest of the City of Middletown.

30. Failure of Bidder to Execute Contract - When notification of award of the contract is made to the successful bidder and he does not, within ten (10)

consecutive calendar days thereafter, execute a Contract in the form previously mentioned and furnish satisfactory bond, his failure to do so shall cause him to forfeit its bid security payment .

31. Bidders Qualifications - The City of Middletown may make such investigation as deemed necessary to determine that ability of the bidder to discharge his contract. The bidder shall furnish the City with all such information and data as may be required for that purpose. The City reserves the right to reject any proposal if the bidder fails to satisfactorily convince the City that he is properly qualified by experience and facilities to fulfill his obligations and complete the terms of the contract. Determination of the lowest responsible bidder will be administered in conformity with the City ordinance. Each bidder shall submit, on the form furnished for that purpose, his qualifications for the work contemplated.

The bidder shall submit with his or her bid a completed notarized statement of bidder's qualifications to be submitted on the form attached to these documents.

In evaluating the bidder's qualifications to complete the work, as specified in this contract, the City of Middletown shall require that the bidder has been regularly engaged in the type of work set forth in the contract documents for a period of not less than five (5) years prior to the bid date. The bidder shall have adequate plant, equipment, and facilities for the proper performance of the work as set forth in the contract documents, and all such plant, equipment, and facilities shall be subject to the approval of the owner.

32. Wage Rates - Wage rates, establishing the minimum, issued by the State of Connecticut Labor Department and Contractor's Wage Certification Form, a copy of which is attached, are made a part of this Contract. The bidder shall submit with his/her bid a completed, notarized Contractor's Wage Certification form. These forms are included in the Bid Proposal.

Pursuant to State of Connecticut Public Act 93-392 the bidder, shall submit a certified payroll record, utilizing the form furnished with the prevailing wage rates included within these specifications. The certified payroll shall be submitted on a weekly basis with a **Statement of Compliance** to the contracting agency included on the reverse side of the payroll form.

33. Workers Compensation Act All bidders are required to conform to C.G.S. Section 31-286a, as amended, concerning worker's compensation insurance requirements for Contractors on Public Works projects. The bidder shall submit with his/her bid a completed and notarized Workers Compensation Act Conformance Form.

34. Laws and Regulations: The bidder's attention is directed to the fact that all applicable Federal, State, and Municipal laws, ordinances, rules, and regulations, codes of all authorities having jurisdictions over construction work in the locality of the project shall apply to the contract throughout the completion of the work and they are deemed to be included herein the same as though written out in full; this includes the municipality's equal opportunity requirements.

35. Notices to Contractor: Attention is particularly called to those parts of the Contract Documents and Specifications which deal with the following.

- Permits/Permit Applications;
- General Provisions;
- General Conditions;
- General Specifications
- Insurance Requirements;
- Wage Rates;
- Interpretation of Drawings and Specifications;
- Equal Employment Opportunity Requirements as required by the City;
- CONN. GEN. STAT. §§ 4a-60, 4a-60a, 4a-60g, and 46a-68b through 46a-68f, inclusive, as amended by June 2015 Special Session Public Act 15-5.

36. Quantities: The quantities and items of work specified herein are approximate only and are provided only for the comparison of bids and to indicate approximately the amount of the contract. The City does not expressly or by implication represent that the actual amounts of work will even approximately correspond therewith, but does not call particular attention to the uncertainty in the

quantities of the work involved which cannot be predicated in advance. The work under certain items may be materially greater or less than those given in the bid as may be necessary in the judgment of the owner to complete the work contemplated in the contract.

The City of Middletown shall reserve the right to increase or decrease the quantities of work required or may delete items of work, as listed in the bid without prejudice towards the bid prices. Only such quantities of the respective items of work actually performed and accepted will be paid for. An increase or decrease in the quantity for any item shall not be regarded as grounds for an increase or decrease in the bid prices.

37. Definition of Terms - For the purpose of this contract wherever the word bidder appears it shall refer to the contractor and wherever the word contractor appears it shall refer to the bidders.

38. Unit Price Items - The unit items stated in the proposal of the bidder shall include its prorata share of overhead so that the sum of the products obtained by multiplying the quantity estimated for each item by the unit price represents the total bid. Any proposal not conforming to this requirement may be rejected as unsatisfactory. The special attention of all the bidders is called to this provision so that should conditions make it necessary to revise the estimated quantities, no limit will be fixed for such increased or decreased quantities payment for same and shall be made at the contract unit price allowances specified.

39. Right of Cancellation: - The City of Middletown shall reserve the right to cancel this request for bid, without penalty, at any time prior to the date established for the receipt of bids. If the City exercises this right, all bidders shall be notified by written addendum to this contract.

40. The contractor who is selected to perform this State project must comply with CONN. GEN. STAT. §§ 4a-60, 4a-60a, 4a-60g, and 46a-68b through 46a-68f, inclusive, as amended by June 2015 Special Session Public Act 15-5. - State law requires a minimum of twenty-five (25%) percent of the state-funded portion of the contract for award to subcontractors holding current certification from the Connecticut Department of Administrative Services ("DAS") under the provisions of CONN. GEN. STAT. § 4a-60g. (25% of the work with DAS certified Small and Minority owned businesses and 25% of that work with DAS certified Minority, Women and/or Disabled owned businesses.) The contractor must demonstrate good faith effort to meet the 25% set-aside goals.
For municipal public works contracts and quasi-public agency projects, the contractor must file a written or electronic non-discrimination certification with the Commission on Human Rights and Opportunities. Forms can be found at:
http://www.ct.gov/opm/cwp/view.asp?a=2982&q=390928&opmNav_GID=1806

PURCHASING DEPARTMENT
CITY OF MIDDLETOWN
BID ATTACHMENT

CHAPTER 26, CONTRACTS

ARTICLE I--EQUAL OPPORTUNITY IN EMPLOYMENT.

26-1 Contract Provisions Required

Every contract made by or on behalf of the City of Middletown for the construction, lease, alteration or repair of any public building or public work, or for the purchase, manufacture, sale or distribution of materials, equipment or supplies shall contain provisions providing for equal opportunity in employment.

26-2 Enforcement Officer

The Human Relations Director, who is the City's Affirmative Action Officer, shall have the authority to enforce this ordinance.

26-3 Provisions to be Included

A. Every contract for the construction, alteration or repair of any public building or public work shall contain the following provisions approved by the Human Relations Director:

   The contractor agrees and warrants that in the performance of this contract he or she will not discriminate or permit discrimination against any person or group of persons on the grounds of age, ancestry, color, genetic information, learning disability, marital status, past or present history of mental disability, intellectual disability, national origin, physical disability, including, but not limited to blindness, race, religious creed, sex, including pregnancy, transgender status, gender identity or expression, sexual orientation, workplace hazards to reproduction systems, political belief, military or veteran status, or criminal record in accordance with §46a-60(a)(1), 46a-80(b), or 46a-81(b) of the Connecticut General Statutes. Unless provisions are controlling or there is a bona fide occupational qualification excluding persons in one of the above protected groups, in any manner is prohibited by the laws of the United States or of the State of Connecticut and the City of Middletown. In addition, the Connecticut Fair Employment Practices Act, Connecticut General Statutes §46a-51 et seq., (CFEPA), not only prohibits discrimination based on actual physical disability, but also applies to discrimination based on perceived physical disability. The contractor also agrees to provide the Affirmative Action Officer of the City of Middletown with such information that may be requested concerning the employment practices and procedures of the contractor as related to the provisions of this section.

B. The aforesaid provision shall include, but not be limited to, the following: advertising, recruitment, layoff, termination, rates of pay or other forms of compensation, conditions or privileges of employment selection for apprenticeship, selection or retention of subcontractors, or in the procurement of materials, equipment or services.

26.4 Notices to be posted on project site.

The contractor shall hereinafter post on the project site, in conspicuous places available for employees and applicants for employment, notices setting forth its non-discrimination requirements.

26.5 Subcontractors and Suppliers

In all pre-contractual contracts between contractor and any subcontractor or supplier either for work to be performed under a subcontract of for the procurement of materials, equipment or services, each subcontractor or supplier shall be notified in writing by the contractor of the contractor's obligations under this contract relative to non-discrimination and each subcontractor or supplier,

by his contracting agent, shall agree to and be bound by the terms of this Contract.

26.6 Effect on other laws

Nothing contained herein is intended to relieve any contractor from compliance with all applicable federal, state and municipal legislation or provision concerning equal employment opportunity, affirmative action, non-discrimination and related subjects during the term of its contract on this project.

(**4/7/80; 3/8/93, 11/1/02, 2/3/03, 6/3/13, 2/4/16)**

ARTICLE II TRADES WORKERS AND LABORERS.

26-7 Provisions to be incorporated

All contracts entered into between the City of Middletown and contractors which utilize trades workers and laborers by the contractor shall in the performance of the Contract incorporate the following provisions:

A. The Contractor shall hire residents of the City of Middletown to perform all necessary labor.

B. In the event the contractor is restricted by labor contracts, or the required specific skills are not available in the City of Middletown, the contractor may hire trades workers and laborers who reside outside the City, provided that prior to commencement or performance the contractor submits its reasons for such action in writing along with supporting documents to the City.

Such documents may consist of, but are not limited to labor contracts, lists of names and addresses of trades workers, laborers or labor representatives contacted by the City of Middletown and lists of required skilled labor positions for which personnel were not available in the City of Middletown. The contractor shall submit such relevant documents and other relevant information as may be requested by the City to determine compliance with this ordinance. If the Common Council, after review and report by City Staff and the Contract compliance Committee, determines that the contractor has failed to comply with this ordinance it may require corrective action to be taken by the contractor to effect compliance or may terminate the contract. If the corrective action is not done by the contractor, the Council may terminate the contract. If the Council terminates the contract, such termination shall be without any liability of the City of Middletown to the contractor, its subcontractors or any party.

C. Prior to commencement of performance, and at any time after commencement of performance of the contract by the contractor, the Purchasing Agent may require submission of relevant documents and other relevant information related to the employment of tradesmen and laborers in performance of any specific contract with the City. The contractor shall respond promptly to all inquires and requests for information and documents made by the City.

D. Prior to commencement of performance of the contract, the contractor shall forward to the department overseeing the contract a written statement which indicates the name of each worker scheduled to perform work for the contractor on each contract, the worker's City of residence and occupational title. The same shall be provided for all subcontractors working on the contract. The department shall forward copies of such statements to the Purchasing Agent upon receipt. The contractor shall provide written amendments to these statements in order to provide advance notice to the City of the scheduled employment of other workers the contractor chooses to perform work on the contract. The amendments shall be on file with the City before such other workers report to work. The department overseeing the project and the Office of the Purchasing Agent shall keep separate files of each construction project.

E. The contractor shall forward to the department overseeing the contract bi-weekly payroll records which cover the proceeding bi-weekly contract period, which shall be on forms approved in advance by the City. Copies of these reports shall be forwarded by the City department overseeing the project to the Purchasing Agent, upon receipt.

F. A copy of this ordinance shall be included and be part of the bid and contract documents. Reference to the page number of this ordinance

shall be made in the index or table of contents of the bid and contract documents.

G. All tradesworkers and laborers hired to perform work under contracts that meet the total cost of construction amounts set out in Connecticut General Statutes § 31-53, as amended, shall be paid at the prevailing rates for the same work in the same trade in the City and shall receive the fringe benefits normally offered at that time for the particular trade. "Prevailing rates" as used herein shall mean the latest rates published by the Connecticut Labor Department unless otherwise required to qualify for a federal grant pertaining to the contract.

26-8 Definitions

As used in this article the following terms shall have the meaning indicated "contractor" shall include the general or prime contractor and all subcontractors performing work under the contractor. The prime or general contractor shall be responsible for the compliance of the subcontractors.

"Tradesmen" and "Laborers" shall mean the employees employed by the contractor in positions for which prevailing rates are published by the Connecticut Labor Department. Local tradesmen and laborers shall not include workers temporarily residing in the City during the term of a contract.

26-9 Inspection and Enforcement

A. The department overseeing the contract shall conduct bi-weekly on-site inspections in order to verify the accuracy of written reports and statements and to insure that the intent of this ordinance is met.

B. The Director of the City department overseeing the project shall notify the Purchasing Agent in writing as to the correctness of written records furnished by the contractors.

C. The Purchasing Agent shall inform the Contract Compliance Committee whether or not each contractor has forwarded the required written records to the City, hired local laborers and tradesmen to perform the necessary work, and paid the prevailing wages and provide the prevailing fringe benefits to employees.

26-10 Contract Compliance Committee

A. There shall be a committee known as the Contract Compliance Committee. The Committee shall consist of three electors of the City who shall be appointed by the Mayor with the Consent of the Common Council. Two of the committee members shall be Common Council members not of the same political party who shall serve during their term of office, one of whom shall be designated chairman by the Mayor. The third committee member shall be a member of an organized trade labor group who shall serve a two-year term commencing on the date of appointment.

B. If the committee determines that a contractor is not in compliance, it shall make a report of its findings to the Mayor and Common Council with its recommendations as to whether corrective action should be required of the contractor or whether the contractor should be terminated.

C. The Purchasing Agent shall provide staff assistance to the committee.
(3/1/82, 11/1/02, 2/3/2003, 9/4/2007)

ARTICLE III ADEQUATE DELIVERY OF SERVICE

26-11 Provisions to be incorporated

All service contracts entered into for the benefit of the citizens of Middletown between the City of Middletown and contractors shall incorporate the following provisions:

A. A description of the services provided under the contract.

B. The name, address, and proof of agreement between a second agency which could step in at a moment's notice should the contracting agency not be able to fulfill its designated service.

C. The contracted agency will be held responsible both financially and administratively with respect to the provision of backup services in the event the agency could not fulfill its contract obligations for Middletown citizens in accordance with the contract with the City.

D. A twenty-day advance notification period is required of each agency to inform the City of an expected interruption of services per its contracts. (11/1/02)

ARTICLE IV APPRENTICES

26-12 Provisions to be incorporated.

All contracts entered into between the City of Middletown and contractors, which utilize apprenticeable trades, or occupations by the contractor in the performance of the contract shall incorporate the following provisions:
The contractor shall be affiliated with a state certified apprenticeship program for each apprenticeable trade or occupation represented in its workforce that is not otherwise governed by applicable state statutes and regulations.

26-13 Exception

In the event the contractor is restricted by labor contracts, the contractor may not have to comply with the provisions of subsection (a). provided that prior to commencement of performance the contractor submits its reasons for such action in writing along with supporting documents to the City. Such documents may consist of, but are not limited to labor contracts.

26-14 Enforcement

The contractor shall submit such relevant documents and other relevant information as may be requested by the City to determine compliance with this ordinance. If the Common Council, after review and report by City staff and the Contract Compliance Committee, determines that the contractor has failed to comply with this ordinance, it may require corrective action to be taken by the contractor to effect compliance or may terminate the contract. If the corrective action required is not done by the contractor, the Council may terminate the contract. If the Council terminates the contract, such termination shall be without any liability of the City of Middletown to the contractor, its subcontractors or any other party.

(12/7/98, 11/1/02)

ARTICLE V FAIR CLASSIFICATION OF TRADESMEN AND LABORERS

26-15 Compliance with state and federal laws required.

All contractors entering into contracts with the City of Middletown for the construction, alteration or repair of any public building or public work shall comply with all applicable state and federal laws governing fair treatment of employees, including but not limited to unemployment compensation and workers' compensation. All contractors entering into contracts with the City of Middletown for the construction, alteration or repair of any public building or public work shall comply with all applicable state and federal laws governing fair treatment of independent contractors, including but not limited to payment of the relevant prevailing wage rates.

26-16 Determination of status as employee.

For purposes of this chapter, any person who meets 9 or more of the following criteria shall be considered an employee:

A. The person is required to comply with company instructions about when, where, and how work is done;

B. The person has been trained by the company.

C. The person is integrated into the company's general business operations.

D. The person must render services personally.

E. The person uses assistants provided by the company.

F. The person has a continuing relationship with the company.

G. The person is required to work a set number of hours.

H. The person must devote substantially full time work to the company.

I. The person works at the company's premises or job site.

J. The person must perform work in a preset sequence.

K. The person must submit regular progress reports.

L. The person is paid by the hour, week, or month; payroll deductions include federal and/or state income taxes, FICA insurance.

M. The person is reimbursed for all business and travel expenses.

N. The person uses company tools and materials.

O. The person has no significant investment in the facilities that are used.

P. The person has no risk of loss.

Q. The person works for only one company.

R. The person does not offer services to the public.

S. The person can be discharged by the company.

T. The person can terminate the relationship without incurring liability.

26-17 Enforcement

Enforcement of this provision shall be monitored by the Building Committee or the Director of the City Department or Agency for which the construction is being done. If the construction, alteration or repair is being overseen by a building committee, the building committee shall monitor compliance with this section. Nothing in this subsection shall be construed to prevent the Public Works Department, the Contract Compliance Committee, the Purchasing Department or the Common Council from conducting independent investigations and/or initiating enforcement through appropriate channels.

26-18 Applicability

This Section shall only be applicable to contracts signed on or after the date of its passage.

26-19 Notice of Status

Any contractor utilizing the services of tradesmen or laborers who are not classified as employees under this chapter shall provide written notice to said tradesmen or laborers of their status. Said notice shall include a provision advising the tradesman or laborer that he or she is not eligible for workers' compensation, health insurance, or unemployment compensation from the contractor. (9/7/99, 11/1/2002)

SUPPLEMENTARY GENERAL CONDITIONS

These Supplementary General Conditions contain changes and/or additions to the General Conditions, which where they are not specifically herein modified remain in full effect.

Article 1. Contractor's Claim for Damage:

If the contractor claims compensation for any damage alleged to have been sustained by reason of any negligent act or omission of the City or any of its agents, he/she shall within one week after the sustaining of such damage, submit a written statement to the City of Middletown of the nature of the damage sustained, file with the City of Middletown an itemized statement of the details and amounts of such damage; and unless such statement shall be made as required his claim for compensation shall be forfeited and invalid, and he shall not be entitled to payment on account of any such damage. Even if properly presented, the City may reject any claim not considered valid.

Article 2. Conditions Under Which the City May Complete:

If the work to be done under this contract shall be abandoned, or if this contract, or any part thereof, shall be sublet without the previous written consent of the City of Middletown, or it the contract or any claim thereunder shall be assigned by the bidder otherwise than as herein specified, or if at any time the City of Middletown shall be of the opinion that the conditions herein specified as to the rate of progress are not fulfilled, or that the work or any part thereof is unnecessarily or unreasonably delayed, or that the bidder has violated any of the provisions of this contract or that the work is not being done in an acceptable workmanlike manner as determined by the City of Middletown, the City of Middletown may notify the bidder to discontinue all work or such part thereof as the owner may designate; and thereupon, by contract or otherwise, as they may determine, complete the work or such part thereof, and charge the expense thereof to the bidder, and may take possession of and use, or cause to be used, in the completion of the work, any of such materials, machinery, implements, and tools or every description as may be found upon the line of said work.

The City of Middletown may, instead of notifying the bidder to discontinue all work or such part thereof, notify him, from time to time, to increase the force employed on the whole or any part of the work,
stating the amount of such increase required, and unless he shall, within ten days after such notice, increase his force to the extent required therein, and maintain such increased force from day to day until the completion of the work or such part thereof, or until the conditions as to the rate of progress may employ and direct the labors of such additional force as may, in the opinion of the City of Middletown, be necessary to insure the completion of the work or such part thereof to the bidder. Neither the notice from the City of Middletown to the bidder to increase his force nor the employment of additional force by the City of Middletown, shall be held to prevent a subsequent notice of the City of Middletown to him to discontinue work under the provisions of the proceeding portion of the Article.

Article 3.Payments:

Payment Terms shall be net thirty (30) days from receipt and approval of each progress payments.

Article 4. Last Payment to Terminate Liability to the Owner:

Neither the City or any of its agents shall be liable for or be held responsible to pay any monies, except those as provided within the contract documents. Acceptance by the bidder of any payment shall release the City or its agents from any and all claims and liabilities of the bidder for any act or neglect of the City or its agents relating to or affecting the work during that period covering the payment.

Article 5. The Contract Sum:

The contract sum specified in the contract documents under the applicable items includes all state and local sales, use occupations cross receipts

and other similar taxes and license fees, all of which are to be paid by the bidder. Said contract sum also includes, and the bidder shall pay, the contributions measured by wages of his employees and wages of any subcontractor's employees, required by the Social Security Act and the Public Laws of the State in which the work is done an shall accept exclusive liability for said contributions. The bidder further shall indemnify and hold harmless the City, its officers, agents, servants and employees on account of any contributions measured by the wages as aforesaid of employees of the bidder and his subcontractor assessed against the City under authority of said Act and Public Laws of the State.

Article 6.Presidential Executive Order 11246:
This contract is subject to the provisions of Presidential Executive Order 11246 of President Lyndon B. Johnson promulgated September 24, 1965 as amended by Presidential Executive Order 11375 of President Lyndon B. Johnson promulgated October 13, 1967, which is incorporated by reference within the Affirmative Action Plan of the City of Middletown adopted by the Common Council on January 5, 1976; and, as such, this contract may be canceled, terminated or suspended by the Mayor of the City of Middletown for violation of or noncompliance with said Executive Order 11246, or any municipal, state, or federal law concerning nondiscrimination. The parties to this contract, as part of the consideration hereof, agree that the Presidential Executive Order 11246 is incorporated herein by reference and made a part hereof. The parties agree to abide by said Executive Order and agree that the Mayor of the City of Middletown or the Mayor's designee, shall have continuing jurisdiction in respect to contract performance in regard to nondiscrimination until the contract is completed or terminated prior to completion.

Article 7.Changes in the work:

No changes in the work covered by the approved Contract Documents shall be made without having prior written approval of the City and the Architect, by a work order.

Article 8.Indemnification:

A. To the fullest extent permitted by law, the bidder shall indemnify and hold harmless the City of Middletown and the State of Connecticut their officers, agents, servants and employees from and against all liability, claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance or lack of performance of the work, provided that any such liability, claim, damage, loss or expense is:

1. attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom and

2. is caused in whole or in part by any negligent act or omission of the bidder, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them are liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

B. In any and all claims against the Owner, their officers, agents, servants and employees by any employee of the bidder, any subcontractor, anyone directly or indirectly employed by any of them or anyone for those acts any of them may be liable, the indemnification obligation under this section shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the bidder or any subcontractor under Worker's Compensation Acts, Disability Benefit Acts or other employee benefit acts.

C. To the fullest extent permitted by law, prior to commencing work, the bidder shall ensure that each subcontractor shall enter into an agreement under which it shall indemnify and hold harmless the City of Middletown and the State of Connecticut, their officers, agents, servants and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the performance or lack of performance of the work, provided that any such claim, damage, loss or expense:

1. is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting

therefrom, and

2. is caused in whole or in part by any negligent act or omission of the subcontractor, any sub-subcontractor, or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

Such obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person.

D. In any and all claims against anyone indemnified hereunder by any employee of the subcontractor, or any sub-subcontractor, or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this section shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the subcontractor or any sub-subcontractor under the Worker's Compensation Acts, Disability Benefit Acts or other employee benefits acts.

Article 9. Progress Payments:

Progress payments shall be made in accordance with Article 9 of the General Conditions incorporated within these specifications, unless specifically modified herein. At least ten (10) days before each progress payment falls due (but not more than once a month), the Contractor will submit to the Architect, for review, an Application for Payment filled out and signed by the Contractor covering the completed work as of the date of application, including such other data as the Architect/Engineer may require. Materials stored on the site for future installation **shall not** be included in the Application for Payment.

The Architect/Engineer will, within ten (10) days after receipt of each application, either accept or refuse the application, including his reasons for refusal in writing. In the case of refusal, the Contractor may make the necessary corrections and resubmit the Application for Payment.

The amount paid the Contractor shall be the amount due less five percent (5%) retainage. The retainage will be held by the Owner until the completion of the Work.

The Owner will, no sooner then ten (10) consecutive calendar days from the date the invoice is approved by the Architect, forward the invoice to the Public Works Department for approval. The invoice will be then be forwarded to the Department of Finance who will pay the Contractor the due amount.

The contractor warrants and guarantees that title to all work, materials and equipment included and covered by each respective Application for Payment will have passed to the Owner, prior to the making of the application for payment, free and clear of all liens, claims, security interest and encumbrances.

Prior to the Final Application for Payment, the General Contractor shall submit to the Project Engineer a duly notarized "Certificate of Waiver and Release of Lien" in the form as set forth on the form included with these specifications for all subcontractors and suppliers providing labor and materials on this project.
Final payment shall be released to the General Contractor upon the receipt of all of the "Certificate of Waiver and Release of Lien" forms from each subcontractor and / or supplier furnishing labor or materials on this project in accordance with the contract terms.

BID #2016-024
REMEDIATION SERVICES
FOR 645 AND 575 MAIN STREET
MIDDLETOWN, CT

GENERAL INFORMATION & BACKGROUND

The City of Middletown is seeking proposals for a licensed contractor for soil remediation activities (excavation and off-site disposal). The City has been awarded a Brownfields Cleanup Grant for remediation of the former Steve's Gas Station (645 Main Street) and removal of a gasoline underground storage tank (UST) at It's Only Natural Market (575 Main Street) and is seeking proposals for remediation services to remove a gasoline Underground Storage Tank (UST) and complete remediation of the 645 Main Street property. The project is funded with grant funds from the Office of Brownfield Remediation and Development at the Connecticut Department of Economic and Community Development. Work must be done in accordance with State standards for brownfield investigation and remediation.

The property at 645 Main Street consists of 0.14 acres of vacant land at the corner of Main and Grand Streets and is currently owned by the City. The site was historically developed prior to 1924 and was used as a gasoline station and auto repair facility from at least 1924 until approximately 2006. The former on-site building, USTs, dispenser pumps, and hydraulic lifts have been removed. Currently the property is being used as a gravel parking lot. Previous investigations identified significant releases of gasoline and waste oil to soils at this property extending to depths of 20 feet bg. Gasoline impacts to groundwater have also been identified. Groundwater beneath the site is at depths of 20-30 feet below ground.

The property at 575 Main Street was former occupied by T&T Sunoco and was previously remediated and redeveloped with It's Only Natural Market (ION). The parking lot adjacent to ION also existed as a separate gas station prior to 1970. Recently a remnant gasoline UST was discovered in the paved parking lot near the entrance of ION. Soil borings completed adjacent to this UST identified limited gasoline impacted soils.

SCOPE OF SERVICES

The Contractor is expected to complete the following activities:

645 Main Street – Soil Remediation Activities

Excavation of soils in the areas of former gasoline USTs and dispenser pumps is expected to extend to depths of 15 feet below ground. The aerial extent of excavation is approximately 40 x 60 ft. Approximately 1,800 tons of gasoline impacted soils (non-hazardous) is anticipated to be excavated and disposed off-site at an approved facility. Soils with waste oil impacts were also identified in a 20 x 20 feet area toward the center of the site. No PCBs have been found in association with these waste oil impacted soils. Excavation of these waste oil impacted soils is also expected to extend to depths of 15 feet below ground. Approximately 300 tons of waste oil impacted soils (non-hazardous) is anticipated to be excavated and disposed off-site at an approved facility.

Due to the limited size of the site it may be necessary for the Contractor to live-load the excavated gasoline impacted soils for off-site disposal as opposed to on-site stockpiling. The Contractor is to identify their means and methods for this work in their BID submittal including on-site controls for management of any stockpiled soils.

The limits of soil excavation will be determined by the City's Environmental Consultant and results of confirmatory soil samples to be collected by said consultant. It may be necessary as part of remedial activities to add soil amendments and gravel as part of excavation back filling activities to facilitate remediation. This will be

determined by the City's Environmental Consultant. The contractor should be prepared to provide Oxygen Release Compounds (ORC) such as ORC Advanced ® by Regenesis (or equivalent) and gravel if necessary for placing in excavation during backfilling. The Contractor should assume 800 pounds of ORC and 800 tons of gravel will be required at the base of the excavations in addition to other clean fill (in accordance with specifications) to fill excavation to grade. The Contractor should also be prepared to provide odor control of gasoline vapors during excavation activities. This may include the use of odor-control foam spray such as RusFoam® by Rusmar or equivalent. It is not anticipated that liquid phase gasoline product or groundwater will be encountered during excavation activities. If either of these conditions are found to exist, the City's Environmental Consultant will provide direction to the Contractor. Similarly, the Contractor should be prepared for the potential need to de-water excavations should rain water entering excavations become an issue. The Contractor should be prepared to pump liquids from excavations into an appropriate storage vessel (i.e. frac tank) for characterization and proper off-site disposal. Sampling of liquids to determine disposal requirements will be conducted by the City's Environmental Consultant. Any additional work required for management of liquids pumped from excavations will be handled as a change order for the project.

Surface soils (0-4 feet below ground) overlying the former USTs are to be excavated, stockpiled on-site, and sampled by the City's Environmental Consultant for potential re-use on-site. The total volume of this soil stockpile is anticipated to be approximately 130 tons (~88 cubic yards). It is anticipated that these soils will be suitable for re-use. If off-site disposal of these soils is required, this work will be handled via a change order to the Contractor.

Remnant concrete associated with the former on-site building and asphalt surrounding the building is to be excavated and disposed off-site as construction debris. The concrete includes the former sidewalk along the front of the building and remnant concrete slab/footings of former building. Soils beneath the former sidewalk need to be sampled for PCBs due to PCB containing exterior caulking materials associated with the former on-site building. The concrete sidewalk was previously sampled and found not to contain PCBs. Once the Contractor removes the sidewalk, the City's Environmental Consultant will collect surface soils samples for PCB analysis to determine if soil remediation is warranted for this area. Based on previous PCB sampling activities, it is not anticipated that excavation and off-site disposal of PCB containing soils will be required. The Contractor will be notified of the PCB soil results and provided direction by the City's Environmental Consultant if excavation and off-site disposal of PCB containing soils is warranted. Any excavation of PCB containing soils will be handled as a change order to the project.

Contractor should be prepared to secure site and excavations for the duration of the project. Chain link fencing (minimum 8 feet high and secured) as well as proper construction signage will be required at boundaries of the site. The fencing must be maintained through the duration of the project and the Contractor is responsible for the integrity of the fencing.

Contractor is responsible for conducting excavation shoring, backfilling, and compaction, in accordance with City Department of Public Works specifications. These are included as an attachment to this BID. There is a single-story concrete masonry building abutting the south side of the site in close proximity to the proposed UST excavation area. The Contractor is responsible for providing adequate protections for this building during excavation activities (i.e. shoring if necessary) to ensure no damage or undermining of this building occurs.

As previously stated, the site area is limited with regard to stockpiling locations. The Contractor may elect to live load excavated soils slated for off-site disposal. If the Contractor elects to stockpile soils on-site proper engineering controls must be implemented and described in the BID submittal. Furthermore, it the Contractor elects to stockpile soils on-site they will be required to comply with and/or register for Connecticut Department of Energy and Environmental Protection (CTDEEP) General Permit for Contaminated Soil and/or Management (Staging and Transfer). If the Contractor elects to live-load soils, they are responsible for acquiring the proper police detail necessary for having trucks enter and exit the site via Grand Street.

The Contractor will also be responsible for dust mitigation during excavation activities. This may include misting with water. The Contractor is responsible for collection and proper disposal of any run-off produced as a result of water misting for dust control.

The Contractor is responsible for the health & safety of workers as well as decontamination of equipment during the project. Tracking pads must be utilized at all times when vehicles or equipment (i.e. back hoe) are leaving the site. The Contractor will be responsible for the cost of cleaning up any soils being tracked off-site or run-off leaving the site.

575 Main Street – UST Removal Activities

This property is privately owned and occupied by an active health food market which will be operational during the project. Since the UST is located in parking lot in close proximity to the entrance of the market, the Contractor will be responsible for securing the work area and excavation at all times during the project. It is anticipated the Contractor will provide fencing or plywood barrier (or equivalent) around the work area while allowing for pedestrian traffic into the market and vehicular traffic through the parking lot.

Based on ground penetrating radar, it is estimated that the remnant gasoline UST at this property is approximately 2,000-3,000 gallons in size. It is anticipated that the UST is primarily empty but may contain sediment and sludge. It is also anticipated that a limited amount of excavation will be required to remove petroleum impacted soils from beneath the UST will be required. Excavations will not extend past 10 feet below ground. All excavated petroleum impacted soils must be live loaded and transported off-site for disposal. No petroleum impacted soils are to be stockpiled or stored on this property.

The Contractor will be responsible for excavation, cleaning, and proper off-site disposal or recycling of the UST. The Contractor should assume excavation and off-site disposal of 50 tons of gasoline impacted soils (non-hazardous). Surface soils (0-4 feet below ground) overlying the former USTs are to be excavated, stockpiled on-site, and placed back into excavation following UST removal. Stockpiled soils are to be managed with proper engineering controls which are to be described in the Contractors BID submittal.

Contractor is responsible for conducting excavation shoring, backfilling, and compaction, in accordance with City Department of Public Works specifications. The Contractor will not be responsible for replacement of asphalt or sub base. This work will be completed by the property owner.

GENERAL REQUIREMENTS

Since this project is being funded via a DECD Brownfield Cleanup Grant, state wage rates will apply. All backup documentation for invoices will be required including certified payrolls. City will provide a tax exempt certificate for the project.

The Contractor will be responsible for obtaining any permits and providing any notifications required for completion of the scope of work. This may include but not limited to City permits (DPW) or notifications (Fire Marshal), state permits or notifications (CTDEEP) or any others. It is our understanding that CTDEEP requires a 30-day notification for UST removals. The Contractor will be responsible for this notification. The City's Environmental Consultant will be responsible for obtaining any permits related to the application of ORC or other biological enhancements to support remedial efforts.

The Contractor will be responsible for providing the City's Environmental Consultant with proper documentation certifying the quality and origin of any fill material being used for the project (i.e. clean fill that will meet compaction requirements).

The Contractor will need to provide insurance certificates to the City for the project. Furthermore, for the work being conducted at 575 Main Street the Contractor will need to provide insurance certificates naming the current property owner as additional insured.

The Contractor will be responsible for contacting **"Call Before You Dig"** and locating any utilities within the project area. Any damage to existing utilities will be the Contractors responsibility and repairs at the Contractors cost.
The Contractor will be responsible for the health and safety of their employees, proper decontamination of equipment, maintaining site and excavation security measures, maintaining soil stockpiles, and proper off-site disposal of materials. The Contractor will be required to submit proper licenses and certifications, as well as, a site-specific Health & Safety Plan signed by a Certified Industrial Hygienist for review and approval prior to the initiation of the scope of work. All on-site Contractor personnel (including any sub-contractors) must possess current OSHA-40 hour HAZWOPER Certifications.

Any sampling needed for the project including additional analytical data required for off-site disposal will be collected/provided by the City's Environmental Consultant.

NOTICE OF AWARD

TO: _____
_____
_____

DESCRIPTION: **BID#2016-024 REMEDIATION SERVICES FOR 645 AND 575 MAIN STREET**

The City of Middletown has selected your firm as the apparent low bidder to complete the Remediation Services for 645 & 575 Main Street in response to its advertisement for bids dated 09/30/2016 and in accordance with the Contract Documents.

You are hereby advised that your lump sum bid has been accepted.

For a total contract award of:

_____ ($_____)
Written figures

_____ will be authorized
Firm Name

to proceed with this work or provide the specified items and or service subject to the following: receipt and approval of the required insurance and bonds as specified in the Contract Documents; encumbrance of funds; and execution of the Agreement incorporating the Contract Documents by the Mayor of the City of Middletown.

You are required by the Information for Bidders to execute the Contract and furnish the required certificates of insurance(s) and bonds within **ten(10)** calendar days from the date of this Notice to you. In addition, the awarded contractor is required to comply with CONN. GEN. STAT. §§ 4a-60, 4a-60a, 4a-60g, and 46a-68b through 46a-68f, inclusive, as amended by June 2015 Special Session Public Act 15-5.

If you fail to execute the Contract and to furnish the required insurance certificate(s) and bond(s) within ten (10) calendar days of this Notice, the City of Middletown will be entitled to consider all your rights arising out the City's acceptance of your Bid as abandoned and the City will seek whatever remedies to which it is entitled by law and in equity.

You are required to return an acknowledged copy of this Notice of Award to the City.
Dated this_____day of_____, 2016.

By:_____

Title: Supervisor of Purchases

ACCEPTANCE OF NOTICE

The receipt of the above Notice of Award is hereby acknowledged by

Signature_____

this the_____day of_____, 2016

Name/Title_____

SAMPLE AGREEMENT FOR BID #2016-024
REMEDIATION SERVICES
FOR 645 & 575 MAIN STREET

THIS AGREEMENT, made this _____day of _____ , 2016, by and between the City of Middletown, Connecticut, hereinafter called the Owner, and_____ called the Bidder or Contractor (herein referred to collectively as the "Parties"), WITNESSETH: that the Parties to this Agreement each in consideration of the agreements on the part of the other herein contained have agreed, and by this presents do hereby agree, the Owner for itself, and the bidder, for himself, and his heirs, executors, administrators, successors and assigns, as follows:

Article 1. Scope of Work - The Bidder shall furnish all of the labor, equipment, materials and incidentals necessary to complete the project as specified in the Contract Documents entitled: **BID #2016-024 – Remediation Services for 645 & 575** as prepared by City of Middletown, Connecticut (herein "Work").

Article 2.The Contract Sum - The contract sum specified in the contract documents under the applicable items includes all state and local sales, use, occupations, gross receipts and other similar taxes and license fees, all of which are to be paid by the Bidder. Said contract sum also includes, and the Bidder shall pay, the contributions measured by wages of his employees, required by the Social Security Act and the Public Laws of the State in which the work is done and shall accept exclusive liability for said contributions. The Bidder further shall indemnify and hold harmless the City of Middletown and the State of Connecticut, their officers, agents, servant and employees on account of any contributions measured by the wages as aforesaid of employees of the Bidder and his subcontractor assessed against the City of Middletown and the State of Connecticut under authority of said Act and Public Laws of the State.

Compensation for services shall be made in accordance with the unit pricing included in this agreement.

ITEM DESCRIPTION

Total compensation due the contractor shall be:
_____($).
Written figures

Article 3. Progress Payments: Progress payments shall be made in accordance with Article #9 , Progress Payments, of the Supplementary Conditions of these specifications, unless specifically modified

herein which shall be as follows:

At least ten (10) days before each progress payment falls due (but not more than once a month), the Contractor will submit to the Engineer, for review, an Application for Payment filled out and signed by the Contractor covering the completed work as of the date of application, including such other data as the Engineer may require. Materials stored on the site for future installation **shall not** be included in the Application for Payment.

The Engineer will, within ten (10) days after receipt of each application, either accept or refuse the application, including his reasons for refusal in writing. In the case of refusal, the Contractor may make the necessary corrections and resubmit the Application for Payment.

The amount paid the Contractor shall be the amount due less five percent (5%) retainage. The retainage will be held by the Owner until the completion of the Work.

The Owner will, no sooner than ten (10) consecutive calendar days from the date the invoice is approved by the Department Director / Engineer and received by the Department of Finance; pay the Contractor the due amount.

The contractor warrants and guarantees that title to all work, materials and equipment included and covered by each respective Application for Payment will have passed to the Owner, prior to the making of the application for payment, free and clear of all liens, claims, security interest and encumbrances.

Prior to the Final Application for Payment, the General Contractor shall submit to the Project Engineer a duly notarized "Certificate of Waiver and Release of Lien" in the form as set forth on the form included with these specifications for all subcontractors and suppliers providing labor and materials on this project.

Final payment shall be released to the General Contractor upon the receipt of a 10% Maintenance Bond and a Release of Surety to be effective upon the issuance of the final payment on this project in accordance with the contract terms.

Final payment shall be released to the General Contractor upon the receipt of all of the "Certificate of Waiver and Release of Lien" forms from each subcontractor and / or supplier furnishing labor or materials on this project in accordance with the contract terms.

Article 4. **The Contract Documents** - include the Invitation to Bid, the Information for Bidders, the Bid Attachments, the General Specifications, the General Conditions, Special Conditions, Technical Specifications, the Bid Proposal Page, the Non-Collusive Bid Statement, the Notice of Award, this Agreement, any addenda issued, the Wage Rates, the Statement of Contractor's Qualifications, Performance Bond, Labor and Material Bond, Maintenance Bond, Insurance Requirements and **shall comply with CONN. GEN. STAT. §§ 4a-60, 4a-60a, 4a-60g, and 46a-68b through 46a-68f, inclusive, as amended by June 2015 Special Session Public Act 15-5** which form the entire Contract as if more fully stated herein (herein "Contract").

Article 5. **The bidder** shall be required to commence work within ten (10) calendar days from the date specified in the Notice to Proceed as issued by the Owner and shall agree to complete the work within **Sixty (60)** consecutive calendar days thereafter. The Parties recognize that time is of the essence with this project and that the Owner will suffer financial loss if the Work is not completed within the times specified in the Contract documents, plus any extensions of such deadlines thereof allowed by the Owner. The Parties agree that all extensions made by the Owner shall be in writing or shall be deemed ineffective. The Parties also recognize the delays, expense, and difficulties involved in proving the actual loss suffered by the Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, the Parties agree that as liquidated damages for delay (but not as a penalty) Bidder shall pay the Owner one thousand dollars ($1000.00) or each day that expires after the time specified in this section for substantial completion, until the Work is determined in good faith to be substantially complete by the Owner. After substantial completion has been achieved, if Bidder shall neglect, refuse, or fail to complete the remaining Work, within the time specified in the Contract documents for the completion and readiness for final payment or within the time frame allowed by any proper extension that is granted by the City, the Bidder shall pay Owner one thousand dollars ($1000.00) for each day that the Work is not completed. These liquidated damages will apply to any termination for cause or convenience, with or without cause and without prejudice to any other right or remedy of the City.

IN WITNESS WHEREOF, the Parties hereto have executed this agreement, the day and year first above written.

WITNESS:

_____

_____

WITNESS:

_____

_____

CITY OF MIDDLETOWN, CONNECTICUT

_____
Daniel T. Drew
Its Mayor, Duly Authorized

Date:_____

BIDDER:

BY_____
Its_____, Duly Authorized

Date:_____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we the undersigned_____

_____

as Principal, and _____

as Surety are held and firmly bound unto the City of Middletown hereinafter called the "Owner", in the penal sum of $_____Dollars ($_____) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the Accompanying Bid, dated_____for BID **#2016-024 Remediation Services for 645 & 575 Main Street**

NOW THEREFORE, if the Principal shall not withdraw said Bid within the period specified therein after the opening of the same or within any extended time period agreed to by the Principal, Surety and Owner, or if no period be specified, within ninety (90) days, after the said opening, and shall within the period specified therefore, or if no period be specified, within ten (10) days after the prescribed forms are presented to him for signature, enter into a written Contract with the Owner in accordance with the Bid as accepted, and give bond with good and sufficient performance and proper fulfillment of such Contract; then the above obligation shall be null and void and of no effect, otherwise to remain in full force or virtue.

Failure to comply with the aforementioned condition shall result in the forfeiture of this Bid Bond.

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this _____day of_____, 2016, the name and corporate seal of each by its undersigned representative pursuant to authority of its governing body.

No extension of time or other modification of this Bid Bond shall be valid unless agreed to in writing by the parties of this Bond.

ANY CHANGES, MODIFICATIONS, AMENDMENTS AND / OR ALTERATIONS TO THIS ORIGINAL BOND FORM SHALL BE HIGHLIGHTED AND THE CITY SHALL BE ADVISED OF SAME AND CONSENT TO SAME PRIOR TO ITS ACCEPTANCE OF THE BOND AS SO CHANGED, MODIFIED, AMENDED, AND / OR ALTERED.

_____ (Seal)
Individual Principal

_____
Business Address

_____

Attest: _____ By:_____
Corporate Principal
_____

_____
Business Address

By_____
Affix Corporate Seal

Attest:

_____ _____
Corporate Surety

_____
Business Address

By_____
Affix Corporate Seal

Countersigned by _____

*Attorney-in-fact, State of_____

*Power-of-Attorney for person signing for Surety Company must be attached to bond.

PERFORMANCE BOND

Bond No. _____

KNOW ALL MEN BY THESE PRESENTS:

that_____

as Principal, hereinafter called "Principal", and

_____

as Surety, hereinafter called Surety, are held and firmly bound unto the City of Middletown, Connecticut, as Obligee, hereinafter called "City" in the amount of:

_____($_____)

for the payment whereof Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has, by written agreement dated _____, entered into a Contract with the City **for BID#2016-024 Remediation Services for 645 & 575 Main Street – Planning, Conservation and Development Department** which contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if Principal shall faithfully and promptly perform said Contract, and shall certify in writing that all wages paid under said Contract to any mechanic, laborer or workman were equal to the rates of wages customary or then prevailing for the same trade or occupation in the City of Middletown, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time by the City.

Whenever Principal shall be, and declared by the City to be in default under this Contract, the City having performed Owner's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

1. Complete the Contract in accordance with its terms and conditions; or,

2. Obtain a bid or bids for submission to the City for completing the Contract in accordance with its terms and conditions, and upon determination by the City and Surety of the lowest responsible Bidder, arrange

for a Contract between such Bidder and the City, and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion.

Any suit under this Bond must be instituted before the expiration of two (2) years from the date on which final payment under the Contract falls due.

No right of action shall occur on this Bond to or for the use of any person or corporation other than the City named herein or the heirs, executors, administrators or successors of the City.

ANY CHANGES, MODIFICATIONS, AMENDMENTS AND / OR ALTERATIONS TO THIS ORIGINAL BOND FORM SHALL BE HIGHLIGHTED AND THE CITY SHALL BE ADVISED OF SAME AND CONSENT TO SAME PRIOR TO ITS ACCEPTANCE OF THE BOND AS SO CHANGED, MODIFIED, AMENDED, AND / OR ALTERED.

Signed and sealed this ____day of_____, 2016 A.D.

In the presence of:

_____ _____(SEAL)
Principal

_____ by _____

_____(SEAL)

_____ by _____

Power-of-Attorney for persons signing for Surety Company or Principal must be attached to Bond.

LABOR AND MATERIAL PAYMENT BOND

Bond No._____

KNOW ALL MEN BY THESE PRESENTS: that_____as Principal, hereinafter called "Principal", and _____ as Surety, hereinafter called "Surety", are held and firmly bound unto the City of Middletown, Connecticut, as Obligee, hereinafter called the City, for the use and benefit of claimants as herein below defined, in the amount of_____dollars ($_____) for the payment whereof Principal and Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has by written agreement dated_____, entered into a Contract with the City for **BID#2016-024 Remediation Services for 645 & 575 Main Street – Planning, Conservation and Development Department** made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if Principal shall pay for all labor and materials furnished to himself or to his subcontractors for use in the prosecution of the work, and used therein, then this obligation to be void; otherwise to remain in full force and effect.

PROVIDED, HOWEVER, that this Bond is executed pursuant to the provisions of Sections 49-41 to 49-43 of the Connecticut General Statutes, as amended, and the rights and liabilities hereunder shall be determined and limited by said sections to the same extent as if they copied at length herein.

ANY CHANGES, MODIFICATIONS, AMENDMENTS AND / OR ALTERATIONS TO THIS ORIGINAL BOND FORM SHALL BE HIGHLIGHTED AND THE CITY SHALL BE ADVISED OF SAME AND CONSENT TO SAME PRIOR TO ITS ACCEPTANCE OF THE BOND AS SO CHANGED, MODIFIED, AMENDED, AND / OR ALTERED.

In Witness whereof, the above bounded parties have executed this instrument and set their respective seals this ___day ___ _____of 2016.

Signed and sealed this___ day of_____,2016 A.D.

In the presence of:

_____ _____(Seal)
Principal
_____ By_____

_____ _____(Seal)
Surety

_____ By_____

Power-of-Attorney for persons signing for Surety Company or Principal must be attached to Bond.

MAINTENANCE BOND

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

_____ (Contractor) as Principal, and_____

_____, as Surety, are held and firmly bound unto the City of Middletown, Connecticut, hereinafter called the "City", in the final sum of _____ Dollars ($_____) lawful monies of the United States for the payment of which sum will and truly be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has executed an Agreement, dated _____ 2016, for the Contract **BID#2016-024 Remediation Services for 645 & 575 Main Street – Planning, Conservation and Development Department**

THEREFORE, the Principal agrees to maintain the work completed in the Contract, stated above, for a period of twelve (12) months from the date of final Payment without additional cost to the City. Failure to comply with such required work shall constitute a violation and all monies covered by this Bond shall become payable to the City.

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under several seals this____day of _____,2016, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

ANY CHANGES, MODIFICATIONS, AMENDMENTS AND / OR ALTERATIONS TO THIS ORIGINAL BOND FORM SHALL BE HIGHLIGHTED AND THE CITY SHALL BE ADVISED OF SAME AND CONSENT TO SAME PRIOR TO ITS ACCEPTANCE OF THE BOND AS SO CHANGED, MODIFIED, AMENDED, AND / OR ALTERED.

In the presence of: _____(Seal)
(Individual Principal)

_____ _____

(Business Address)

_____ _____

_____(Seal)
(Partnership)

_____

(Business Address)

Attest: By:_____

_____ _____

(Corporate Principal)

_____

(Business Address)

By:_____(Seal)

Attest: _____

_____

_____

_____ _____

(Corporate Surety)

_____ _____(Seal)

Countersigned by:

_____

Power of Attorney for persons signing for Surety Company or Principal must be attached to Bond.

CERTIFICATE OF SURETY

The undersigned_____hereby certifies that it is a surety, duly authorized to do business in the State of Connecticut and hereby agrees and guarantees to furnish to_____the labor and material payment bond and/or the performance bond required by the Contract Documents, as defined in **BID #2016-024 Remediation Services for 645 & 575 Main Street** if _____ 's bid is accepted by the City of Middletown.

IN WITNESS WHEREOF, the undersigned has set its hand and seal this _____ day of _____, 2016.

Signed, Sealed and Delivered
in the Presence of:

_____ SURETY COMPANY OF DULY AUTHORIZED AGENT

_____ _____

Its_____, Duly Authorized

CITY OF MIDDLETOWN
PURCHASING DEPARTMENT

CONTRACTOR'S CHECK LIST

****

BID#2016-024 Remediation Services for 645 & 575 Main Street – Planning, Conservation and Development Department

The following forms are required for submittal for the above referenced bid and shall be submitted with the bid proposal pages by the time and date specified. This check list is provided for the bidder's use and shall not be required for submittal. **The following forms shall be submitted in duplicate. (One (1) original and one (1) copy)**

FORM DESCRIPTION

Bidder please enclose the following forms with your bid:

1. Bid Proposal Pages: Pages 38-41
   (Signed In Appropriate Places)

2. Non-Collusive Statement
   (Notarized Original)

3. Contractor's Qualification Statement
   (Notarized Original)

4. Project Specific Contractor's Qualification Statement
   (Notarized Original)

5. Statement of Understanding

6. Bid Bond (10.0%)

7. Certificate of Surety

8. Wage Certification Form (State)

9. Worker's Compensation Act Conformance Form

10. Osha Training Verification Form And Compliance Certification Form

11. Bid Forms (Original and 1 Copy)

BID #2016-024
Remediation Services for 645 & 575 Main Street
Planning, Conservation and Development Department
BID PROPOSAL PAGE
(SUBMIT IN DUPLICATE)

Issue Date: **09/30/2016** Reply Date**: Friday, October 28, 2016 at 11:00 am**

To: Supervisor of Purchases
City of Middletown
Municipal Building- Room 112
245 DeKoven Drive
Middletown, CT 06457

We the undersigned have examined the contract documents which include the Attachments, Information to Bidders, Specifications, General Conditions, compliance with CONN. GEN. STAT. §§ 4a-60, 4a-60a, 4a-60g, and 46a-68b through 46a-68f, inclusive, as amended by June 2015 Special Session Public Act 15-5 and related contract documents and propose and agree to contract with the City of Middletown(herein called the owner) in the form of a contract, to provide all necessary labor, machinery, tools, apparatus, equipment and other means of construction and do all the work and furnish all materials called for or shown on the drawings, specifications and other documents in the manner prescribed and according to the requirements of the Owner, within the time set forth in the contract documents at the bid prices incorporated herein.

The bid is made with the understanding that it cannot be withdrawn for ninety (90) days after the date set for opening of the bids.

THE BID MUST BE SIGNED BY THE BIDDER TO BE ACCEPTED

_____ _____

COMPANY NAME **SIGNATURE AND TITLE**

Bid Bond or Check is attached to this bid in the amount of:

_____ ($)
Written figures

Bid Security from:_____
(Insert Bonding Company/Bank name and address on the line provided.)

TIME OF COMPLETION:
WE AGREE THAT WORK OF THE CONTRACT SHALL BEGIN WITHIN TEN (10) DAYS AFTER THE AWARD OF THE CONTRACT AND RECEIPT OF THE NOTICE TO PROCEED. SCHEDULING OF WORK SHALL BE IN CONFORMANCE WITH THE PHASING DRAWINGS AND THE CONTRACT DOCUMENTS. SUBSTANTIAL COMPLETION FOR THE ENTIRE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

SUBSTANTIAL COMPLETION OF THE PROJECT IS SCHEDULED FOR SIXTY (60) CALENDAR DAYS.

WE AGREE TO ACCEPT LIABILITY FOR AND TO PAY LIQUIDATED DAMAGES AS STIPULATED IN THE CONTRACT DOCUMENTS AT A RATE OF ONE THOUSAND ($1000.00)/DAY.

BIDDER acknowledges receipt of the following ADDENDA:

- ☐ No. 1 Date:_____
- ☐ No. 2 Date:_____

In the bid items that follow, Bidder shall include all applicable taxes, fees and other incidental costs. Bidder must bid on every item. Prices are to be written in words and figures. In case of a discrepancy, the bid amount in words shall prevail.

Item #	Description
1.	**Lump sum fee for completing Scope of Work for 645 Main Street** _____($_____) Written figures
2.	**Lump sum fee for completing Scope of Work for 575 Main Street** _____($_____) Written figures
Total cost for all phases of the project item #1-2: **_____($_____)** Written Figures	
Unit Pricing	
1. Excavation and off-site disposal of soil (non-hazardous)	**$_____/ton**
2. Excavation and off-site disposal of soil (hazardous)	**$_____/ton**
3. Excavation and off-site disposal of PCB soil (< 50 ppm)	**$_____/ton**
4. Oxygen Release Compounds (dry weight)	**$_____/pound**
5. Gravel backfill (1/2 minus)	**$_____/ton**
6. Clean fill	**$_____/ton**
7. Vacuum truck or liquid storage vessel (e.g. frac tank)	**$_____/day**
8. Disposal of non-hazardous liquid (water/gasoline mix)	**$_____/gallon**

IN SUBMITTING THIS BID, THE BIDDER ACKNOWLEDGES THAT:

- No representation of warranty has been made by the owner that the estimated quantities used for comparison of bids will even approximate the actual quantities required to satisfactorily complete the work required under this contract.

- Upon receipt of written notice of acceptance of this bid by the owner, the bidder shall execute the contract attached to these documents within ten (10) calendar days and deliver the bonds as required in these documents. The bid security submitted with this bid will become the property of the owner in the event the contract and bonds are not executed within the time herein set forth.

- This bid is made with the understanding that it cannot be withdrawn for ninety (90) days after the date set for opening of bids.

- This bid is submitted in full compliance with the conditions outlined in the contract documents. The bidder has fully responded to and completely filled in all required spaces in the bid documents, including the non-collusive form, and obtained the necessary notary public signatures, where required.

- If this bid should be accepted by the City of Middletown and the bidder shall fail to negotiate and fulfill all terms of the contract, the bid bond accompanying this bid (proposal) shall become the property of the City of Middletown; otherwise the accompanying bid bond will be returned to the undersigned upon satisfactory execution of the contract.

PLEASE NOTE: All of the information below is REQUIRED. Please do not leave any information blank.

Date:_____

_____	_____
Corporation Name (if applicable)	**Company Name**
Mailing Address:	**Payment Address (If different from mailing addr.):**
_____	_____
Address	Address
_____	_____
_____	_____
City, State and Zip	City, State and Zip

FEIN NUMBER: _____ -- _____

Type of Organization:
(Please Check One)

____ Individual / Sole Proprietor

____ Limited Liability Company / Partnership

____ Corporation

Contact Information

Contact Name: _____ **Title:** _____

Additional Contact: _____ **Title:** _____

Phone Number: _____ **Fax:** _____

Email Address: _____

Website: _____

SIGN HERE: I hereby certify that the above information is correct.

_____	_____	_____
Print or Type Name & Title	**Signature**	**Date**

WITH EACH PROPOSAL, THE BIDDER SHALL SUBMIT A SIGNED NON-COLLUSIVE STATEMENT ON THE FORM ENCLOSED HERE-IN

CITY OF MIDDLETOWN CONNECTICUT

NON-COLLUSIVE BID STATEMENT

All bidders are required to sign a Non-Collusive Statement with all public bids as follows:

l. The bid has been arrived at by the bidder, independently and has been submitted without collusion with, and without any agreement, understanding, or planned common course of action with any other bidder of materials, supplies, equipment, or services described in the Invitation to Bid, designed to limit independent bidding or competition; and

2. The contents of the bid have not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid, and will not be communicated to any person prior to the official opening of the bid.

Date_____

_____
Signed

_____
Company

_____
Address

_____

_____

Telephone Number

_____

CONTRACTOR'S QUALIFICATION STATEMENT

The Undersigned certifies under oath the truth and correctness of all statements and all answers to questions made hereinafter.

SUBMITTED TO: _____

_____

SUBMITTED BY: NAME: _____ Corporation [ ]

ADDRESS: _____ Partnership [ ]

PRINCIPAL OFFICE: _____ Individual [ ]

Joint Venture [ ]
Other [ ]
(NOTE: Attach separate sheets as required)

1. How many years has your organization been in business as a General Contractor? _____

2. How many years has your organization been in business under its present business name? _____

3. If a Corporation, answer the following:

   Date of Incorporation:_____

   State of Incorporation:_____
   (General/Limited/++Asso)
   President:_____

4. If a Partnership, answer the following:

   Date of Organization:_____

   Type of Partnership:_____

Name and address of all partners:

Vice President(s): _____ _____

_____ _____

Secretary: _____ _____

Treasurer: _____ _____

5. If other than a Corporation or Partnership, describe Organization and name Principals:

_____

_____

_____

6. What percent of the work do you normally perform with your own forces? _____

List trades:

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

7. Have you ever failed to complete any work awarded to you? If so, indicate when, where, and why:

_____

_____

_____

8. Has any Officer or Partner of your Organization ever been an Officer or Partner of another Organization that failed to complete a construction contract?_____ If so, state circumstances:

_____

_____

_____

_____

_____

9. List major construction projects your Organization has under contract on this date:

PROJECT NAME	OWNER CONTACT NAME/PHONE `	ARCHITECT/ENGINEER CONTACT NAME/PHONE	CONTRACT AMOUNT	CONTRACT DATE	PERCENT COMPLETE	SCHEDULED COMPLETION

10. List major construction projects your Organization has completed in the past five years:

PROJECT NAME	OWNER CONTACT NAME/PHONE	ARCHITECT/ENGINEER CONTACT NAME/PHONE	CONTRACT AMOUNT	DATE AWARDED	DATE COMPLETED	PERCENT WITH OWN FORCES

11. Lists of the plant and equipment available to properly and expeditiously perform the work:

_____

_____

_____

12. List the construction experience of the principal individuals in your Organization:

Individual's Name	Construction Experience-Years	Present Position & Years' Experience	Dollar Volume Responsibility	Previous Position & Years' Experience

13. List states and categories in which your Organization is legally qualified to do business:

_____

_____

_____

14. Bank References:

_____

_____

_____

15. Trade References:

_____

_____

_____

16. Name of Bonding and Insurance Companies and Name and Address of Agents:

_____

_____

_____

17. The undersigned agrees to furnish, upon request by the Owner, if being considered for award of contract for the project upon which a bid proposal has been submitted within 48 hours after the bid opening, a current Statement of Financial Conditions, including Contractor's latest regular dated financial statement or balance sheet which must contain the following items:

Current Assets: (Cash, joint venture accounts, accounts receivable, notes receivable, accrued interest on notes, deposits, and materials and prepaid expenses), net fixed assets and other assets.

Current Liabilities: (Accounts payable, notes payable, accrued interest on notes, provision for income taxes, advances received from owners, accrued salaries, accrued payroll taxes), other liabilities, and capital (capital stock, authorized and outstanding shares per values, earned surplus).

Date of Statement or balance sheet: _____

Name of firm preparing statement:_____ By: _____
(Agent and Capacity)

18. Dated at _____ this _____ day of_____2016.

19. NOTARIZATION: State of _____ County of _____

_____ being duly sworn deposes and says that he (she) is the

_____ of _____ Contractor (s), and that the answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn before me this _____ day of _____2016.

Notary Public**:** _____

My Commission Expires:_____

PROJECT SPECIFIC CONTRACTOR'S QUALIFICATION STATEMENT

1. Please describe, in brief, the means and methods for completion of each task.

   A. 645 Main Street – Soil Remediation Activities. Check here if additional sheets are needed (and enclosed) ☐

B. 575 Main Street – UST Removal Activities. Check here if additional sheets are needed (and enclosed) ☐

_____

_____

_____

_____

_____

_____

_____

2. Work procedure (i.e. live loading vs stockpiling)

Check all that apply and provide details below: ☐ Live Loading ☐ Stockpiling ☐ Other

_____

_____

_____

_____

_____

_____

_____

3. Engineering controls proposed (i.e. stockpiling, dust/run-off controls, odor controls, shoring, etc.)

EC: _____ EC: _____

EC:_____ EC:_____

EC:_____ EC:_____

EC:_____ EC:_____

☐ Check here if additional sheets are needed (and enclosed)

4. Please include as an attachment the proposed Decontamination procedures

5. An example Health & Safety Plan

6. Please include a Schedule for completion of each task

7. Identification of licensed material transporters and disposal facilities

Material Transporter 1:_____ Office Location:_____
(Name) (City, State)

Material Transporter 2:_____ Office Location:_____
(Name) (City, State)

Material Transporter 3:_____ Office Location:_____
(Name) (City, State)

Material Transporter 4:_____ Office Location:_____
(Name) (City, State)

Material 1: _____ Disposal Facility: _____
(Name & City, State)

Material 2: _____ Disposal Facility: _____
(Name & City, State)

Material 3: _____ Disposal Facility: _____
(Name & City, State)

Material 4: _____ Disposal Facility: _____
(Name & City, State)

☐ Check here if additional sheets are needed (and enclosed)

8. Additional analytical data required for acceptance of soils to off-site waste disposal facility.

_____

_____

_____

_____

9. Any sub-contractors proposed for the project along with relevant information on the company.

Sub-Contractor #1:_____ Role/Function:_____
(Name)

Sub-Contractor #2:_____ Role/Function:_____
(Name)

Sub-Contractor #3:_____ Role/Function:_____
(Name)

Sub-Contractor #3:_____ Role/Function:_____

10. Dated at _____ this _____ day of_____2016.

11. NOTARIZATION: State of _____ County of _____

_____ being duly sworn deposes and says that he (she) is the

_____ of _____ Contractor (s), and that the answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn before me this _____ day of _____2016.

Notary Public: _____

My Commission Expires:_____

(Name)

12. Please include, as a separate sheet, a Statement of Understanding: A detailed statement of the firm's understanding of the requirements of this phase and the approach to be taken to conduct the studies requested and the reports required at completion of the assessment.

CITY OF MIDDLETOWN

CHANGE ORDER

Project: BID #2016-024 Remediation Services for 645 & 575 Main Street – Planning Conservation & Development Department

To: _____ Change Order Number: _____

_____ Contract Date: _____

_____
Name and Address

THE CONTRACTOR AGREES THAT THIS CHANGE ORDER ADJUSTS THE CONTRACT PRICE AND TIME TO REFLECT FAIRLY ALL OVERHEAD, PROFIT, CHARGES, COSTS, EXPENSES, DELAYS, DAMAGES AND OTHER PAYMENTS THAT MAY BE CLAIMED DUE AND OWING TO THE CONTRACTOR AS OF THE ABOVE STATED DATE, AND AGREES THAT THE ACCEPTANCE OF THIS CHANGE ORDER BY THE OWNER WILL CONSTITUTE A COMPLETE AND FINAL ACCORD AND SETTLEMENT OF CONTRACTOR'S CLAIMS AGAINST THE OWNER ON ACCOUNT OF THIS CHANGE IN THE WORK.

You are directed to make the following changes in this Contract:

The original Contract Sum was..... ..... $_____

Net changes by previous Change Orders..... $_____

The Contract Sum prior to this Change Order was$_____

The Contract Sum will be (increased, decreased, unchanged)
by this Change Order..... $_____

The new Contract Sum including this Change Order will be...$_____

The Contract Time will be (increased, decreased, unchanged) by.....(_____)Days

The Date of Completion as of the date of this Change Order therefore is _____

_____	_____	City of Middletown
Department Director	Contractor	Owner
_____	_____	245 DeKoven Drive
Address	Address	Address
_____	_____	_____
_____	_____	Middletown, CT 06457
By	By	By (Mayor)
_____	_____	_____
Date	Date	Date

CERTIFICATE OF WAIVER AND RELEASE OF LIEN

TO ALL TO WHOM THESE PRESENTS SHALL COME OR MAY CONCERN, KNOW THAT

_____,
Subcontractor Name/Address

a corporation/partnership/business organized under the laws of the State of Connecticut, in consideration of the sum of:

_____ ($_____)
Written figures

received from _____,
General Contractor Name/Address

receipt whereof is hereby acknowledged, hereby waives and relinquishes for itself, its heirs, executors, administrators, successors and assigns all liens or right to claim a lien for work done and in place as of the date of this Release at the project commonly known as **BID #2016-024 Remediation Services for 645 & 575 Main Street**.
Name of Project

_____ hereby
Name of Subcontractor

indemnifies the City of Middletown, Connecticut, against any and all claims for work performance and / or materials supplied by it/him/her/us under the above mentioned contract.

IN WITNESS WHEREOF _____,
Subcontractor Name/Address

has caused this Waiver and Release of Lien to be executed by its duly authorized officer this ___ day of _____ _____, 2016.

Executed and delivered in
the presence of:

_____ By:_____
Witness

_____
Witness
****

State of:_____

:ss_____,2016

County of _____ :

_____ duly authorized, having duly sworn, deposes and says he/she is

_____ of _____
Title

Name of Subcontractor _____

and that the statements herein contained are true and correct.

Subscribed and sworn to before me this ___ day of_____, 2016.

_____
Notary Public

_____
Date

My commission expires:_____

CITY OF MIDDLETOWN, CONNECTICUT
WORKERS' COMPENSATION ACT
CONFORMANCE FORM

I,_____ of _____
Officer, Owner, Authorized Rep. Company Name

_____ do hereby certify that the

_____ and all of its
Company Name

subcontractors conform to all requirements of the Connecticut General Statutes Section 31-286a, as amended, concerning workers' compensation insurance requirements for contractors on public works projects.

_____
Signed

Subscribed and sworn to before me this_____day of_____, 2016.

_____
Notary Public

My Commission Expires:_____

CONTRACTOR'S OSHA COMPLIANCE
CERTIFICATION FORM

Bid #2016-024 – Remediation Services for 645 & 575 Main Street
City of Middletown

I, _____, hereby certify that _____
(name of officer of corporation) (name of firm)

Shall comply with OSHA requirements, particularly regarding (i) having all work directly Supervised by a "Competent Person" and (ii) Permit - required Confined Spaces, at all times During the execution of the work on this Contract. I further certify that at the time of the Preconstruction meeting, I shall provide the City with the name(s) of the Competent Person(s) who Shall be in charge of the field crew(s) during construction and I shall submit copies of the valid Certifications to confirm such person(s) having undergone the training course to qualify as Competent Person(s).

_____
Authorized Signature Date

_____

_____

_____
Name and Address of Firm

CONTRACTOR HAZARD COMMUNICATION

Prior to the commencement of work, the Contractor shall provide the Owner with the following:

- A list of the specific chemicals and other hazardous materials (dust, fumes, gases, etc.) that may generated at the specific work site;
- the Material Safety Data Sheet (MSDS) that accompanies the specified chemicals;
- the control measures to be implemented to ensure proper safety.

Contractors and subcontractors must not bring any substances which may be considered hazardous onto the facility without prior consent of the City of Middletown. Contractors and subcontractors will not use or dispose of in any manner substances which may be considered hazardous within the facility without prior written consent of the City. The City will consider the following factors in the determination to allow the use of any hazardous substance by contractors and subcontractors:

- Relative hazards of its use;
- availability of substitutes;
- disposal of substances; and
- the potential for employee exposure.

Any equipment used by the Contractor and subcontractor in areas where flammable materials are stored or processed must be explosion proof. **The Contractor shall be responsible for ensuring the compliance of all subcontractors with the above requirements.**

The City of Middletown will provide the contractors and contractor personnel with appropriate information and training. Information and training will include the following:

- potential chemical and physical hazards for the area in the contract operations are being conducted;
- location and availability of Material Safety Data Sheets;
- detection of the presence of hazardous materials;
- facility precautions and safety procedures;
- emergency information concerning location of emergency/ first aid equipment;
- Hazardous chemical labeling system.

Contractor personnel must sign the accompanying statement that verifies that they have received and understand the information presented.

CITY OF MIDDLETOWN
CONTRACTOR EMPLOYEE INFORMATION AND
TRAINING VERIFICATION FORM

Part 1

This is to verify that I have provided training information to employees and all subcontractors' employees as required by OSHA's Hazard Communication Standard. Training has included:

1. Information about the physical and health hazards of chemicals in the designated work area.

2. The location and availability of the Material Safety Data Sheets for hazardous chemicals in the designated work area.

3. Detection of the presence of hazardous materials in the designated work area.

4. Precautions and safety procedures which must be followed in the designated work area.

5. Emergency procedures in the event of accidental exposures to hazardous materials, including emergency phone numbers and the location of safety requirement.

6. Hazardous chemical labeling systems in use in the designated work area.

7. The appropriate locations and directions to where employees may eat, drink, smoke, and use sanitary facilities.

CITY OF MIDDLETOWN
CONTRACTOR EMPLOYEE INFORMATION AND
TRAINING VERIFICATION FORM

Part 2

1. The following substances are the complete list of hazardous substances, approved by the Owner, which may be brought onto the facility to complete the work contracted:

I understand that my company and subcontractors shall not bring onto the facility any other substances considered hazardous without the prior consent of the Owner.

2. The following substances and disposal methods have been approved by the Owner:

3. I understand that my company or subcontractors may not dispose of by sewer, by garbage dumpster, by burning, or any other disposal method in the designated work area, any other substances which may be considered hazardous.

4. I have given the locations in which contract operations will take place to my employees and subcontractors and they understand how to evacuate safely from these areas in the event of an emergency.

5. Company employees and subcontractor's employees have been given an opportunity to ask questions about the Hazard Communication Standard and to have those questions answered.

I have read and understood the above statements and my company has complied fully.

Contractor Name: _____

Contractor Representative: _____
Name - Title

Signature: _____
Date _____

CITY OF MIDDLETOWN
PURCHASING DEPARTMENT

CONTRACT CLOSE OUT CHECK LIST

BID # /TITLE	**Dept:**

Contractor Name:_____

****

The following forms are required for submittal to the Purchasing Department prior to the release of the final payment.

This check list is provided for the consultant / contractor's use in expediting the release of the final payment. All original forms must be attached in order to the back of this packet. Failure to submit all items listed will result in a delay of the final payment. If an item is not required by your contract- mark it with N/A.

This packet must be submitted in its entirety- partial submissions will not be accepted. **Do not attach Payment applications with this packet**. Payment applications must be submitted to the architect / engineer and /or Corresponding Department for their review and processing.

Consultant/Contractor please ✓ and enclose the following forms with your closeout documents:

___ 1. Letter from architect/ engineer that project is complete, that there are no punch list items remaining and that project was built in accordance with their design specs.

___ 2. Maintenance Bond

___ 3. Release from Surety Company

___ 4. List of all subcontractors and suppliers (please separate each group) (Notarized original)

___ 5. Lien Waiver and Release (Contractor and all subs / suppliers)

___ 6. Certified payrolls from contractor and all subcontractors on project

___ 7. Release from Middletown Police Department for traffic control

___ 8. Release from Insurance Company that no pending claims remain on project

___ 9. Full compliance with CONN. GEN. STAT. §§ 4a-60, 4a-60a, 4a-60g, and 46a-68b through 46a-68f, inclusive, as amended by June 2015 Special Session Public Act 15-5.

Final payment issued _____(date)
State audit complete _____(date) if applicable
Discard bid package date _____ (7 years after completion/ per state retention schedules)

Bid Return Label

Always use Mailing Label below on all packages when submitting bids to the City of Middletown Purchasing Office for clear identification of your bid response.

Official Bid Documents Enclosed:

BID# 2016-024 Remediation Services for 645 & 575 Main Street

Return Date: Friday, October 28, 2016 at 11:00 am

City of Middletown Purchasing Department
Municipal Building Room 112
245 DeKoven Drive
Middletown, CT 06457

SECTION 2

- **INSURANCE REQUIRMENTS – APPENDIX B**
- **STATE OF CONNECTICUT WAGE RATES**
- **DECD REQUIRED SIGNAGE**

APPENDIX – B-INSURANCE REQUIREMENTS

RFP# 2016-024
ENVIRONMENTAL REMEDIATION SERVICES 645 AND 575 Main Street
Middletown, Connecticut

Contractor shall agree to maintain in force at all times during the contract the following minimum coverages and shall name the City of Middletown and the State of Connecticut as Additional Insureds on a primary and non-contributory basis to all policies except Workers Compensation. All policies should also include a Waiver of Subrogation. Insurance shall be written with Carriers approved in the State of Connecticut and with a minimum AM Best's Rating of "A-" VIII. In addition, all Carriers are subject to approval by the City of Middletown.

		(Minimum Limits)
General Liability	Each Occurrence	$1,000,000
	General Aggregate	$2,000,000
	Products/Completed Operations Aggregate	$2,000,000
	Policy must contain no exclusion for Explosion, Collapse and Underground Hazard (XC & U)	
Pollution Liability	Each Claim	$5,000,000
	Aggregate	$5,000,000
Auto Liability	Combined Single Limit Each Accident	$1,000,000
	Including Endorsements: MCS-90	
	Pollution Liability (CA9948)	
Excess Liability	Each Occurrence	$5,000,000
	Aggregate	$5,000,000

If any policy is written on a "Claims Made" basis, the policy must be continually renewed for a minimum of two (2) years from the completion date of this contract. If the policy is replaced and/or the retroactive date is changed, then the expiring policy must be endorsed to extend the reporting period for claims for the policy in effect during the contract for two (2) years from the completion date.

Workers' Compensation and Employers' Liability	WC Statutory Limits	
	EL Each Accident	$500,000
	EL Disease Each Employee	$500,000
	EL Disease Policy Limit	$500,000

Original, completed Certificates of Insurance must be presented to the City prior to contract issuance. Contractor agrees to provide replacement/renewal certificates at least 60 days prior to the expiration date of the policies. Should any of the above described policies be cancelled before the expiration date, written notice must be given to the City 30 days prior to cancellation.

Contractor shall require all subcontractors to maintain the same insurance requirements listed above, including the naming of the City of Middletown and the State of Connecticut as Additional Insureds.

Nancy Conaway-Raczka
Risk Manager
September 22, 2016

Project: Remediation Service For 645 And 575 Main Street

Minimum Rates and Classifications for Heavy/Highway Construction

ID#: **H** 22686

Connecticut Department of Labor
Wage and Workplace Standards Division

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number: 2016-024

Project Town: Middletown

FAP Number:

State Number:

Project: Remediation Service For 645 And 575 Main Street

CLASSIFICATION	Hourly Rate	Benefits
01) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters. **See Laborers Group 5 and 7**		
1) Boilermaker	33.79	34% + 8.96
1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	33.48	28.76
2) Carpenters, Piledrivermen	32.00	24.42

As of: Thursday, September 22, 2016

Project: Remediation Service For 645 And 575 Main Street

2a) Diver Tenders	32.00	24.42
3) Divers	40.46	24.42
03a) Millwrights	32.47	24.84
4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	46.95	20.15
4a) Painters: Brush and Roller	32.02	20.15
4b) Painters: Spray Only	35.02	20.15
4c) Painters: Steel Only	34.02	20.15

As of: Thursday, September 22, 2016

Project: Remediation Service For 645 And 575 Main Street

4d) Painters: Blast and Spray	35.02	20.15
4e) Painters: Tanks, Tower and Swing	34.02	20.15
5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	38.65	24.42+3% of gross wage
6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection	35.22	31.99 + a
7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4 G-1, G-2, G-8, G-9)	40.62	29.71
----LABORERS---- -		
8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist	28.55	18.90

9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	28.80	18.90
10) Group 3: Pipelayers	29.05	18.90
11) Group 4: Jackhammer/Pavement breaker (handheld); mason tenders (cement/concrete), catch basin builders, asphalt rakers, air track operators, block paver, curb setter and forklift operators	29.05	18.90
12) Group 5: Toxic waste removal (non-mechanical systems)	30.55	18.90
13) Group 6: Blasters	30.30	18.90
Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe)	29.55	18.90
Group 8: Traffic control signalmen	16.00	18.90

Group 9: Hydraulic Drills	29.30	18.90
----LABORERS (TUNNEL CONSTRUCTION, FREE AIR). Shield Drive and Liner Plate Tunnels in Free Air.----		
13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men, Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable Tenders	32.22	18.90 + a
13b) Brakemen, Trackmen	31.28	18.90 + a
----CLEANING, CONCRETE AND CAULKING TUNNEL----		
14) Concrete Workers, Form Movers, and Strippers	31.28	18.90 + a
15) Form Erectors	31.60	18.90 + a

Project: Remediation Service For 645 And 575 Main Street

----ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL IN FREE AIR:----		
16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	31.28	18.90 + a
17) Laborers Topside, Cage Tenders, Bellman	31.17	18.90 + a
18) Miners	32.22	18.90 + a
----TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED AIR: ----		
18a) Blaster	38.53	18.90 + a
19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	38.34	18.90 + a

20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	36.41	18.90 + a
21) Mucking Machine Operator	39.11	18.90 + a
----TRUCK DRIVERS----(*see note below)		
Two axle trucks	28.83	21.39 + a
Three axle trucks; two axle ready mix	28.93	21.39 + a
Three axle ready mix	28.98	21.39 + a
Four axle trucks, heavy duty trailer (up to 40 tons)	29.03	21.39 + a

Four axle ready-mix	29.08	21.39 + a
Heavy duty trailer (40 tons and over)	29.28	21.39 + a
Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	29.08	21.39 + a
----POWER EQUIPMENT OPERATORS----		
Group 1: Crane handling or erecting structural steel or stone, hoisting engineer (2 drums or over), front end loader (7 cubic yards or over), Work Boat 26 ft. & Over, Tunnel Boring Machines. (Trade License Required)	38.55	23.55 + a
Group 2: Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver ($3.00 premium when operator controls hammer); Bauer Drill/Caisson. (Trade License Required)	38.23	23.55 + a
Group 3: Excavator/Backhoe under 2 cubic yards; Cranes (under 100 ton rated capacity), Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar);Grader Operator; Bulldozer Fine Grade (slopes, shaping, laser or GPS, etc.). (Trade License Required)	37.49	23.55 + a

Project: Remediation Service For 645 And 575 Main Street

Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	37.10	23.55 + a
Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Spreader; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	36.51	23.55 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	36.51	23.55 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	36.20	23.55 + a
Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and Under Mandrel).	35.86	23.55 + a
Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	35.46	23.55 + a
Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader regardless of attachments (Bobcat or Similar); Fork Lift, Power Chipper; Landscape Equipment (including hydroseeder).	35.03	23.55 + a

Project: Remediation Service For 645 And 575 Main Street

Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc.	32.99	23.55 + a
Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment.	32.99	23.55 + a
Group 12: Wellpoint Operator.	32.93	23.55 + a
Group 13: Compressor Battery Operator.	32.35	23.55 + a
Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain).	31.21	23.55 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	30.80	23.55 + a
Group 16: Maintenance Engineer/Oiler	30.15	23.55 + a

As of: Thursday, September 22, 2016

Project: Remediation Service For 645 And 575 Main Street

Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	34.46	23.55 + a
Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license).	32.04	23.55 + a

**NOTE: SEE BELOW

----LINE CONSTRUCTION----(Railroad Construction and Maintenance)----

20) Lineman, Cable Splicer, Technician	45.43	6.25% + 20.70
21) Heavy Equipment Operator	40.89	6.25% + 18.56
22) Equipment Operator, Tractor Trailer Driver, Material Men	38.62	6.25% + 17.99

As of: Thursday, September 22, 2016

23) Driver Groundmen	24.99	6.25% + 11.81
23a) Truck Driver	34.07	6.25% + 16.60
----LINE CONSTRUCTION----		
24) Driver Groundmen	30.92	6.5% + 9.70
25) Groundmen	22.67	6.5% + 6.20
26) Heavy Equipment Operators	37.10	6.5% + 10.70
27) Linemen, Cable Splicers, Dynamite Men	41.22	6.5% + 12.20

Project: Remediation Service For 645 And 575 Main Street

28) Material Men, Tractor Trailer Drivers, Equipment Operators	35.04	6.5% + 10.45

Project: Remediation Service For 645 And 575 Main Street

Welders: Rate for craft to which welding is incidental.

**Note: Hazardous waste removal work receives additional $1.25 per hour for truck drivers.*

***Note: Hazardous waste premium $3.00 per hour over classified rate*

ALL Cranes: When crane operator is operating equipment that requires a fully licensed crane operator to operate he receives an extra $3.00 premium in addition to the hourly wage rate and benefit contributions:

1) Crane handling or erecting structural steel or stone; hoisting engineer (2 drums or over)

2) Cranes (100 ton rate capacity and over) Bauer Drill/Caisson

3) Cranes (under 100 ton rated capacity)

Crane with 150 ft. boom (including jib) - $1.50 extra
Crane with 200 ft. boom (including jib) - $2.50 extra
Crane with 250 ft. boom (including jib) - $5.00 extra
Crane with 300 ft. boom (including jib) - $7.00 extra
Crane with 400 ft. boom (including jib) - $10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyperson instructing and supervising the work of each apprentice in a specific trade.

~~Connecticut General Statute Section 31-55a: Annual Adjustments to wage rates by contractors doing state work ~~

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page: www.ct.gov/dol.

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

Contracting Agencies are under no obligation pursuant to State labor law to pay any increase due to the annual adjustment provision.

As of: Thursday, September 22, 2016

Project: Remediation Service For 645 And 575 Main Street

Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

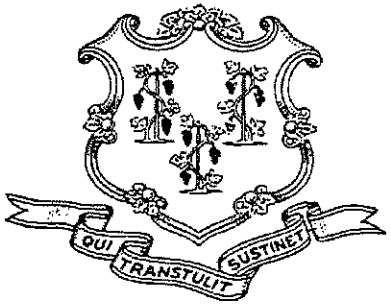
All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

As of: Thursday, September 22, 2016



Opportunity * Guidance * Support

CONNECTICUT DEPARTMENT OF LABOR

THIS IS A PUBLIC WORKS PROJECT

Covered by the

PREVAILING WAGE LAW

CT General Statutes Section 31-53

If you have QUESTIONS regarding your wages
CALL (860) 263-6790

Section 31-55 of the CT State Statutes requires every contractor or subcontractor performing work for the state to post in a prominent place the prevailing wages as determined by the Labor Commissioner.

Sec. 31-53b. Construction safety and health course. New miner training program. Proof of completion required for mechanics, laborers and workers on public works projects. Enforcement. Regulations. Exceptions. (a) Each contract for a public works project entered into on or after July 1, 2009, by the state or any of its agents, or by any political subdivision of the state or any of its agents, described in subsection (g) of section 31-53, shall contain a provision requiring that each contractor furnish proof with the weekly certified payroll form for the first week each employee begins work on such project that any person performing the work of a mechanic, laborer or worker pursuant to the classifications of labor under section 31-53 on such public works project, pursuant to such contract, has completed a course of at least ten hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration or, has completed a new miner training program approved by the Federal Mine Safety and Health Administration in accordance with 30 CFR 48 or, in the case of telecommunications employees, has completed at least ten hours of training in accordance with 29 CFR 1910.268.

(b) Any person required to complete a course or program under subsection (a) of this section who has not completed the course or program shall be subject to removal from the worksite if the person does not provide documentation of having completed such course or program by the fifteenth day after the date the person is found to be in noncompliance. The Labor Commissioner or said commissioner's designee shall enforce this section.

(c) Not later than January 1, 2009, the Labor Commissioner shall adopt regulations, in accordance with the provisions of chapter 54, to implement the provisions of subsections (a) and (b) of this section. Such regulations shall require that the ten-hour construction safety and health courses required under subsection (a) of this section be conducted in accordance with federal Occupational Safety and Health Administration Training Institute standards, or in accordance with Federal Mine Safety and Health Administration Standards or in accordance with 29 CFR 1910.268, as appropriate. The Labor Commissioner shall accept as sufficient proof of compliance with the provisions of subsection (a) or (b) of this section a student course completion card issued by the federal Occupational Safety and Health Administration Training Institute, or such other proof of compliance said commissioner deems appropriate, dated no earlier than five years before the commencement date of such public works project.

(d) This section shall not apply to employees of public service companies, as defined in section 16-1, or drivers of commercial motor vehicles driving the vehicle on the public works project and delivering or picking up cargo from public works projects provided they perform no labor relating to the project other than the loading and unloading of their cargo.

(P.A. 06-175, S. 1; P.A. 08-83, S. 1.)

History: P.A. 08-83 amended Subsec. (a) by making provisions applicable to public works project contracts entered into on or after July 1, 2009, replacing provision re total cost of work with reference to Sec. 31-53(g), requiring proof in certified payroll form that new mechanic, laborer or worker has completed a 10-hour or more construction safety course and adding provision re new miner training program, amended Subsec. (b) by substituting "person" for "employee" and adding "or program", amended Subsec. (c) by adding "or in accordance with Federal Mine
Safety and Health Administration Standards" and setting new deadline of January 1, 2009, deleted former Subsec. (d) re "public building", added new Subsec. (d) re exemptions for public service company employees and delivery drivers who perform no labor other than delivery and made conforming and technical changes, effective January 1, 2009.

Informational Bulletin

THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE

(applicable to public building contracts entered into *on or after July 1, 2007*, where the total cost of all work to be performed is at least $100,000)

(1) This requirement was created by Public Act No. 06-175, which is codified in Section 31-53b of the Connecticut General Statutes (pertaining to the prevailing wage statutes);

(2) The course is required for public building construction contracts (projects funded in whole or in part by the state or any political subdivision of the state) entered into on or after July 1, 2007;

(3) It is required of private employees (not state or municipal employees) and apprentices who perform manual labor for a general contractor or subcontractor on a public building project where the total cost of all work to be performed is at least $100,000;

(4) The ten-hour construction course pertains to the ten-hour Outreach Course conducted in accordance with federal OSHA Training Institute standards, and, for telecommunications workers, a ten-hour training course conducted in accordance with federal OSHA standard, 29 CFR 1910.268;

(5) The internet website for the federal OSHA Training Institute is http://www.osha.gov/fso/ote/training/edcenters/fact_sheet.html;

(6) The statutory language leaves it to the contractor and its employees to determine who pays for the cost of the ten-hour Outreach Course;

(7) Within 30 days of receiving a contract award, a general contractor must furnish proof to the Labor Commissioner that all employees and apprentices performing manual labor on the project will have completed such a course;

(8) Proof of completion may be demonstrated through either: (a) the presentation of a *bona fide* student course completion card issued by the federal OSHA Training Institute; *or* (2) the presentation of documentation provided to an employee by a trainer certified by the Institute pending the actual issuance of the completion card;

(9) Any card with an issuance date more than 5 years prior to the commencement date of the construction project shall not constitute proof of compliance;

(10) Each employer shall affix a copy of the construction safety course completion card to the certified payroll submitted to the contracting agency in accordance with Conn. Gen. Stat. § 31-53(f) on which such employee's name first appears;

(11) Any employee found to be in non-compliance shall be subject to removal from the worksite if such employee does not provide satisfactory proof of course completion to the Labor Commissioner by the fifteenth day after the date the employee is determined to be in noncompliance;

(12) Any such employee who is determined to be in noncompliance may continue to work on a public building construction project for a maximum of fourteen consecutive calendar days while bringing his or her status into compliance;

(13) The Labor Commissioner may make complaint to the prosecuting authorities regarding any employer or agent of the employer, or officer or agent of the corporation who files a false certified payroll with respect to the status of an employee who is performing manual labor on a public building construction project;

(14) The statute provides the minimum standards required for the completion of a safety course by manual laborers on public construction contracts; any contractor can exceed these minimum requirements; and

(15) Regulations clarifying the statute are currently in the regulatory process, and shall be posted on the CTDOL website as soon as they are adopted in final form.

(16) Any questions regarding this statute may be directed to the Wage and Workplace Standards Division of the Connecticut Labor Department via the internet website of http://www.ctdol.state.ct.us/wgwkstnd/wgemenu.htm; or by telephone at (860)263-6790.

THE ABOVE INFORMATION IS PROVIDED EXCLUSIVELY AS AN EDUCATIONAL RESOURCE, AND IS NOT INTENDED AS A SUBSTITUTE FOR LEGAL INTERPRETATIONS WHICH MAY ULTMATELY ARISE CONCERNIG THE CONSTRUCTION OF THE STATUTE OR THE REGULATIONS.

November 29, 2006

Notice

To All Mason Contractors and Interested Parties Regarding Construction Pursuant to Section 31-53 of the Connecticut General Statutes (Prevailing Wage)

The Connecticut Labor Department Wage and Workplace Standards Division is empowered to enforce the prevailing wage rates on projects covered by the above referenced statute.

Over the past few years the Division has withheld enforcement of the rate in effect for workers who operate a forklift on a prevailing wage rate project due to a potential jurisdictional dispute.

The rate listed in the schedules and in our Occupational Bulletin (see enclosed) has been as follows:

Forklift Operator:

- **Laborers (Group 4) Mason Tenders** - operates forklift solely to assist a mason to a maximum height of nine feet only.

- **Power Equipment Operator (Group 9)** - operates forklift to assist any trade and to assist a mason to a height over nine feet.

The U.S. Labor Department conducted a survey of rates in Connecticut but it has not been published and the rate in effect remains as outlined in the above Occupational Bulletin.

Since this is a classification matter and not one of jurisdiction, effective January 1, 2007 the Connecticut Labor Department will enforce the rate on each schedule in accordance with our statutory authority.

Your cooperation in filing appropriate and accurate certified payrolls is appreciated.

STATUTE 31-55a

- SPECIAL NOTICE -

To: All State and Political Subdivisions,Their Agents, and Contractors

Connecticut General Statute 31-55a - Annual adjustments to wage rates by contractors doing state work.

Each contractor that is awarded a contract on or after October 1, 2002, for (1) the construction of a state highway or bridge that falls under the provisions of section 31-54 of the general statutes, or (2) the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project that falls under the provisions of section 31-53 of the general statutes shall contact the Labor Commissioner on or before July first of each year, for the duration of such contract, to ascertain the prevailing rate of wages on an hourly basis and the amount of payment or contributions paid or payable on behalf of each mechanic, laborer or worker employed upon the work contracted to be done, and shall make any necessary adjustments to such prevailing rate of wages and such payment or contributions paid or payable on behalf of each such employee, effective each July first.

- The prevailing wage rates applicable to any contract or subcontract awarded on or after October 1, 2002 are subject to annual adjustments each July 1st for the duration of any project which was originally advertised for bids on or after October 1, 2002.
- Each contractor affected by the above requirement shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.
- It is the ***contractor's*** responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's Web Site. The annual adjustments will be posted on the Department of Labor Web page: www.ctdol.state.ct.us. For those without internet access, please contact the division listed below.

- The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project. All subsequent annual adjustments will be posted on our Web Site for contractor access.

Any questions should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd., Wethersfield, CT 06109 at (860)263-6790.

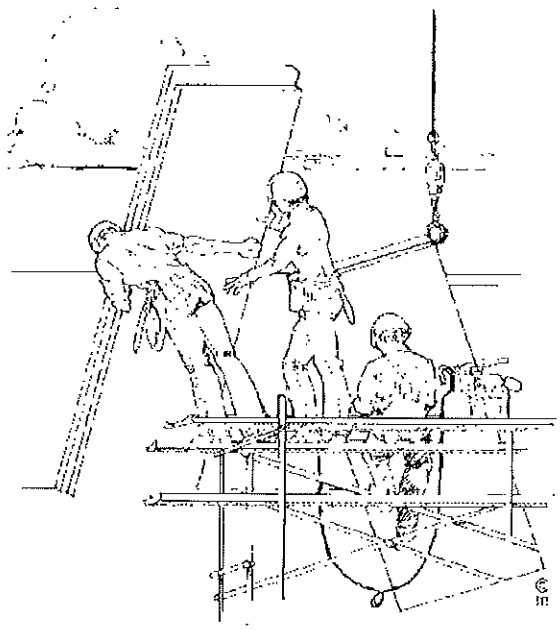
~NOTICE~

TO ALL CONTRACTING AGENCIES

Please be advised that Connecticut General Statutes Section 31-53, requires the contracting agency to certify to the Department of Labor, the total dollar amount of work to be done in connection with such public works project, regardless of whether such project consists of one or more contracts.

Please find the attached "Contracting Agency Certification Form" to be completed and returned to the Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit.

✎ Inquiries can be directed to (860)263-6543.



CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION
CONTRACT COMPLIANCE UNIT

CONTRACTING AGENCY CERTIFICATION FORM

I, _____, acting in my official capacity as _____,
authorized representative title

for _____, located at _____,
contracting agency address

do hereby certify that the total dollar amount of work to be done in connection with

_____, located at _____,
project name and number address

shall be $_____, which includes all work, regardless of whether such project

consists of one or more contracts.

CONTRACTOR INFORMATION

Name:_____

Address:_____
Authorized Representative:_____
Approximate Starting Date: _____

Approximate Completion Date:_____

_____ _____
Signature Date

Return To: Connecticut Department of Labor
Wage & Workplace Standards Division
Contract Compliance Unit
200 Folly Brook Blvd.
Wethersfield, CT 06109

Date Issued: _____

CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION

CONTRACTORS WAGE CERTIFICATION FORM

Construction Manager at Risk/General Contractor/Prime Contractor

I,_____ of _____
Officer, Owner, Authorized Rep. Company Name

do hereby certify that the _____
Company Name

_____
Street

_____
City

and all of its subcontractors will pay all workers on the

_____
Project Name and Number

_____
Street and City

the wages as listed in the schedule of prevailing rates required for such project (a copy of which is attached hereto).

_____
Signed

Subscribed and sworn to before me this _____ day of _____,_____.

_____
Notary Public

Return to:

Connecticut Department of Labor
Wage & Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109

Rate Schedule Issued (Date): _____

[New] In accordance with Section 31-53b(a) of the C.G.S. each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee, to be attached to the first certified payroll on the project.

In accordance with Connecticut General Statutes, 31-53
Certified Payrolls with a statement of compliance
shall be submitted monthly to the contracting agency.

PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS

WEEKLY PAYROLL

Connecticut Department of Labor
Wage and Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109

CONTRACTOR NAME AND ADDRESS:

SUBCONTRACTOR NAME & ADDRESS

WORKER'S COMPENSATION INSURANCE CARRIER

POLICY #

EFFECTIVE DATE:
EXPIRATION DATE:

PAYROLL NUMBER | Week-Ending Date | PROJECT NAME & ADDRESS

PERSON/WORKER, ADDRESS and SECTION	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION Trade License Type & Number - OSHA 10 Certification Number	DAY AND DATE S	M	T	W	TH	F	S HOURS WORKED EACH DAY	Total ST Hours Total O/T Hours	BASE HOURLY RATE TOTAL FRINGE BENEFIT PLAN CASH	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS FICA	FEDERAL WITH-HOLDING	STATE WITH-HOLDING	LIST OTHER	GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							

12/9/2013
WWS-CP1

*IF REQUIRED

*SEE REVERSE SIDE

PAGE NUMBER _____OF

OSHA 10 ~ATTACH CARD TO 1ST CERTIFIED PAYROLL

***FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker's compensation, income taxes, etc.).

Please specify the type of benefits provided:

1) Medical or hospital care _____ 4) Disability_____

2) Pension or retirement _____ 5) Vacation, holiday_____

3) Life Insurance _____ 6) Other (please specify) _____

CERTIFIED STATEMENT OF COMPLIANCE

For the week ending date of _____,

I, _____of _____, (hereafter known as

Employer) in my capacity as _____ (title) do hereby certify and state:

Section A:

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

a) The records submitted are true and accurate;

b) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such person to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such person to any employee welfare fund, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;

c) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);

d) Each such person is covered by a worker's compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;

e) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and

f) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA~The employer shall affix a copy of the construction safety course, program or training completion document to the certified payroll required to be submitted to the contracting agency for this project on which such persons name first appears.

_____ _____ _____

(Signature) (Title) Submitted on (Date)

*****THIS IS A PUBLIC DOCUMENT*****
*****DO NOT INCLUDE SOCIAL SECURITY NUMBERS*****

Weekly Payroll Certification For
Public Works Projects (Continued)

PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS

WEEKLY PAYROLL

Week-Ending Date:
Contractor or Subcontractor Business Name:

PERSON/WORKER, ADDRESS and SECTION	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION Trade License Type & Number - OSHA 10 Certification Number	DAY AND DATE S	M	T	W	TH	F	S HOURS WORKED EACH DAY	Total ST Hours Total O/T Hours	BASE HOURLY RATE TOTAL FRINGE BENEFIT PLAN CASH	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS FICA	FEDERAL WITH-HOLDING	STATE WITH-HOLDING	LIST OTHER	GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							
												$ Base Rate $ Cash Fringe	1. $ 2. $ 3. $ 4. $ 5. $ 6. $							

*IF REQUIRED

12/9/2013
WWS-CP2

NOTICE: THIS PAGE MUST BE ACCOMPANIED BY A COVER PAGE (FORM # WWS-CP1)

Connecticut Department of Labor
Wage and Workplace Standards Division
FOOTNOTES

⇨ Please Note: If the "Benefits" listed on the schedule for the following occupations includes a letter(s) (+ a or + a+b for instance), refer to the information below.

Benefits to be paid at the appropriate prevailing wage rate for the listed occupation.

If the "Benefits" section for the occupation lists only a dollar amount, disregard the information below.

Bricklayers, Cement Masons, Cement Finishers, Concrete Finishers, Stone Masons
(Building Construction) and
(Residential- Hartford, Middlesex, New Haven, New London and Tolland Counties)

a. Paid Holiday: Employees shall receive 4 hours for Christmas Eve holiday provided the employee works the regularly scheduled day before and after the holiday. Employers may schedule work on Christmas Eve and employees shall receive pay for actual hours worked in addition to holiday pay.

Elevator Constructors: Mechanics

a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day, plus the Friday after Thanksgiving.

b. Vacation: Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

Glaziers

a. Paid Holidays: Labor Day and Christmas Day.

Power Equipment Operators
(Heavy and Highway Construction & Building Construction)

a. Paid Holidays: New Year's Day, Good Friday, Memorial day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday. Holidays falling on Saturday may be observed on Saturday, or if the employer so elects, on the preceding Friday.

Ironworkers

a. Paid Holiday: Labor Day provided employee has been on the payroll for the 5 consecutive work days prior to Labor Day.

Laborers (Tunnel Construction)

a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. No employee shall be eligible for holiday pay when he fails, without cause, to work the regular work day preceding the holiday or the regular work day following the holiday.

Roofers

a. Paid Holidays: July 4th, Labor Day, and Christmas Day provided the employee is employed 15 days prior to the holiday.

Sprinkler Fitters

a. Paid Holidays: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

Truck Drivers

(Heavy and Highway Construction & Building Construction)

a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.

PROJECT SIGN – ECONOMIC & COMMUNITY DEVELOPMENT

8’-0”

4’-0”

NAME OF THE PROJECT

NAME OF THE SPONSOR/DEVELOPER

Constructed in cooperation with the

STATE OF CONNECTICUT
DANNEL P. MALLOY, GOVERNOR

Department of Economic and Community Development

Catherine H. Smith., Commissioner

and the

Name of Town/City
Name of Chief Elected Official and title

Name of Architect

Name of General Contractor

SIGN PANEL: ¾” MDO-EXT-APA PLYWOOD SUPPORTED WITH (2) 4X4 TREATED WOOD COLUMNS AND SECURED 4’ INTO GRADE. TOP OF SIGN AT 8’-0” ABOVE GRADE.

COLORS: ALL LETTERS AND SYMBOLS ARE TO BE ROYAL BLUE. THE BACKGROUND WILL BE WHITE ENAMEL. BACK OF PLYWOOD AND SUPPORT STRUCTURE SHALL BE PAINTED MATTE BLACK.

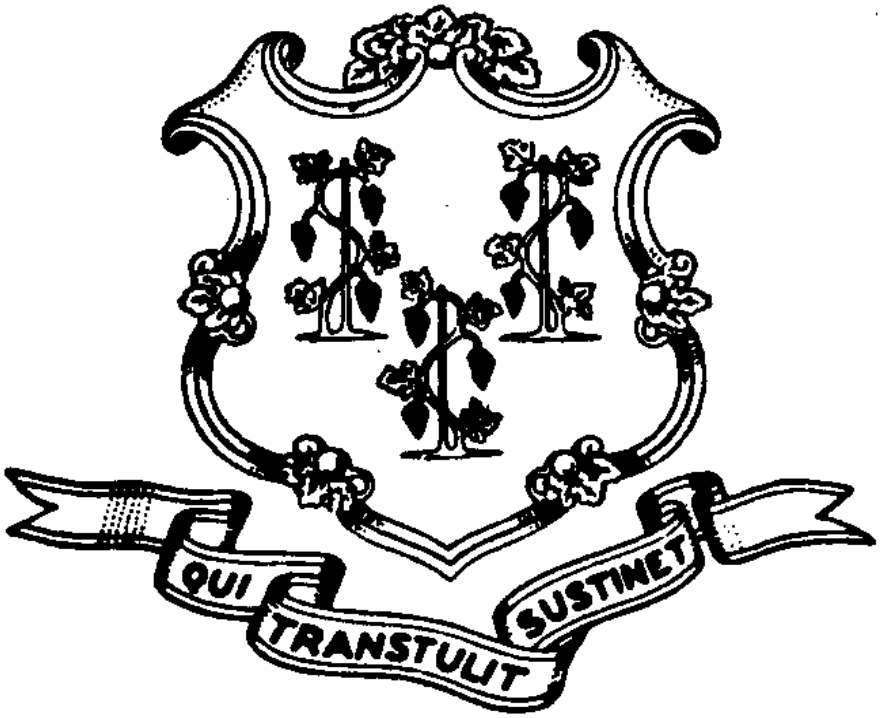
TYPEFACE: HELVETICA MEDIUM

LOCATION: SIGN MUST BE LOCATED TO BE CLEARLY VISIBLE TO THE PUBLIC.

TIMING: INSTALL AT THE START OF CONSTRUCTION AND REMOVE AT CONSTRUCTION COMPLETION.

STATE SEAL & DECD LOGO: ATTACHED

STATE SEAL



DECD LOGO

SECTION 3

- **GENERAL CONDITIONS**

GENERAL CONDITIONS

GENERAL CONDITIONS

1. GENERAL

The GENERAL CONDITIONS form a direct extension of the AGREEMENT with the intent of defining the relationship between the Owner, Engineer and Contractor and to delineate the obligations, responsibilities and privileges of each and to provide the framework for adjustment of the scope and duration of the work and the payment therefor.

2. DEFINITIONS

(a) Whenever the words defined in this Section or pronouns used in their place occur in the Contract Documents, they shall have the meanings herein given:

OWNER OR CITY--The City of Middletown, Connecticut acting through its Mayor or designated Department Director and their designees.

CONTRACTOR--The person, firm or corporation with whom the Owner has executed the Agreement and is so designated in the Agreement.

SUBCONTRACTOR - INDEPENDENT CONTRACTOR--An individual, firm or corporation having a direct contract with the Contractor or with any other Subcontractor or independent contractor for the performance part of the work at the site.

ENGINEER--That person or firm duly appointed by the Owner to undertake the duties herein assigned to the Engineer, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

WORK--Any and all obligations, duties and responsibilities necessary to the successful completion of the project, assigned to or undertaken by the Contractor, under the Contract Documents, including the furnishing of all labor, materials, equipment and other incidentals. Any work not expressly set forth but which is inferable from Contract Documents shall be furnished or executed as though specifically shown or mentioned.

(b) Whenever in the specifications or upon the drawings the words DIRECTED, REQUIRED, PERMITTED, ORDERED, or words of like import are used, it shall be understood that the direction, etc., of the Engineer is intended, and similarly the words, APPROVED, SATISFACTORY or words of like import, shall mean approved by, or acceptable or satisfactory to, the Engineer, unless otherwise stated.

3 . PROGRESS AND SUBMISSION OF SCHEDULES; PRE-CONSTRUCTION CONFERENCE; TIME OF STARTING THE WORK

3.1 Schedules

(a) Within ten days after execution of the AGREEMENT, the Contractor will submit to the Engineer for approval, an estimated progress schedule indicating the starting and. completion dates of the various stages of the work, and a schedule of shop drawing submissions. At least ten days prior to submitting the first application for payment he shall also submit a bid item breakdown as required by the INFORMATION FOR BIDDERS.

3.2 Pre-Construction Conference

(a) Before submission of a notice to proceed with the work, a conference will be held to review the above schedules, to establish procedure for handling shop drawings and other submissions and for processing applications for payment, and to establish a working understanding between the parties as to the project. Present at the conference will be the Engineer, the Engineer's Project Representative, the Contractor and his

Superintendent.

3.3 Certificates of Insurance

(a) At the time of execution of the Contract, the Contractor will furnish the Owner and Engineer certificates of insurance as required by the INFORMATION FOR BIDDERS.

3.4 Notice to Proceed

(a) The Owner or the Engineer will submit the Contractor a written notice to proceed, stating a date on which it is expected that the Contractor will start the work.

4. CORRELATION, INTERPRETATION AND INTENT OF CONTRACT DOCUMENTS

4.1 Intent

(a) It is the intent of the Specifications and Drawings to describe a complete project to be constructed in accordance with the Contract Documents. Any work that may reasonably be inferred from the Specifications or Drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for. The Contract Documents comprise the entire Agreement between the Owner and the Contractor. They *may* be altered only by a modification.

4.2 Correlation of Documents

(a) The Contract Documents are complementary; what is called for by one is binding as if called for by all . If the Contractor finds a conflict, error or discrepancy in the Contract Documents, he will call it to the Engineer's attention in writing before proceeding with the work affected thereby. In resolving such conflicts, errors and discrepancies, the Documents shall be given precedence in the following order: AGREEMENT, SPECIFICATIONS, DRAWINGS. Within the Specifications the order of precedence shall be as follows:

SUPPLEMENTAL GENERAL CONDITIONS, INFORMATION FOR BIDDERS, GENERAL CONDITIONS, TECHNICAL PROVISIONS. Figure dimensions on drawings shall-govern over the scale dimensions.

4.3 Application of Detailed Specifications

(a) It is not intended that all requirements with regard to the conduct of each Contract are included in any one section of the Detailed Specifications. It shall be the responsibility of each Contract -or and Subcontractor to be aware of and comply with such other Detailed specifications included in the Contract Documents as may be applicable.

4.4 Discrepancies, Errors and Omissions

(a) The Drawings and Specifications are intended to be explanatory of each other, but should any discrepancy appear or any misunderstanding arise as to the import of anything contained in either, the interpretation and decision of the Engineer shall be final and binding on both parties to this Contract.

(b) Any correction of errors or omissions in drawings and specifications may be made by the Engineer when such correction is necessary for the proper fulfillment of their intention as construed by him.

(c) All work and materials indicated on the drawings and not mentioned in the specifications or vice versa and all work and materials usual and necessary to make the work complete in all its parts, whether or not they are mentioned in the specifications, shall be furnished and executed the same as if they were called for both on the drawings

and by the specifications, but will not entitle the Contractor to consideration in the matter of any claim for extra compensation.

(d) On all work of remodeling nature or installation to or near an existing structure, the actual situation of the site controls' any information given which may affect the quantity, size and quality of materials required for a satisfactorily completed Contract, whether or not such information is indicated on the drawings or within the specifications.

4.5 Additional Instructions and Detail Drawings

(a) The Contractor may be furnished additional instructions and detail drawings as necessary to carry out the work included in the Contract. The Contractor shall carry out the work in accordance with the additional detail drawings and instructions.

(b) Unless legal construction of the Contract states to the contrary elsewhere in the Contract Documents, the law of the place or building shall govern the construction of this Contract.

4.6 Compliance with Laws

(a) The Contractor shall keep himself fully informed of all existing and future State and National Laws and municipal ordinances and regulations in any manner affecting those engaged or employed in the work, the materials used in the work, or the conduct of the work, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. He shall at all times himself observe and comply with, and cause all his agents and employees to observe and comply with, all such existing and future laws, ordinances, regulations, orders and decrees; and he shall protect and indemnify the Owner, The State of Connecticut, and their officers, and agents against any claim or liability arising from or based upon violation of any such law, ordinance, regulation, order or decree, whether by himself or his employees.

4.7 Provisions Required by Law Deemed Inserted

(a) Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein, and the Contract shall be read and enforced as though they were included herein.

5. RESPONSIBILITIES, OBLIGATIONS AND LIABILITY OF CONTRACTOR

5.1 General

(a) The Contractor shall and will, in good workmanlike manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work required by this Contract, within the time herein specified, in accordance with the provisions of this Contract. He shall furnish, erect, maintain, and remove such construction plant and such temporary works as may be required.

(b) The Contractor shall in no way be relieved of his responsibility by any right of the Engineer to give permission or issue orders relating to any part of the work, by any such permission given or orders issued, or by failure of the Engineer to give such permission or issue such orders.

5.2 Separate Contracts

(a) The Contractor shall coordinate his operations with those of other Contractors, the Contractor, including his Subcontractors, shall keep informed of the progress and the detail work of other Contractors and shall notify the Engineer immediately of lack of progress or defective workmanship on the part of other Contractors.

5.3 Mutual Responsibility of Contractors

(a) If, through acts of neglect on the part of the Contractor, any other Contractor or any Subcontractor shall suffer loss or damage on the work, the Contractor agrees to settle with such other Contractor or Subcontractor by agreement or arbitration if such other Contractor or Subcontractor will also settle. If such other Contractor or Subcontractor shall assert any claim against the Owner on account of any damage alleged to have been sustained, the Owner shall notify the Contractor, who shall indemnify and save harmless the Owner against any such claim.

5.4 Subcontracting

(a) The Contractor may utilize the services of specialty Subcontractors on those parts of the work which, under normal contracting practices, are performed by specialty Subcontractors.

(b) The Contractor shall not award any work to any Subcontractor without prior written approval of the Owner.

(c) The Contractor shall be as fully responsible to the Owner for the acts and omissions of his Subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.

(d) The Contractor shall cause appropriate provisions to be inserted in all Subcontracts relative to the work to bind Subcontractors to the Contractor by the terms of the Contract Documents insofar as applicable to the work of Subcontractors and to give the Contractor the same power as regards terminating any Subcontract which the Owner may exercise over the Contractor under any provisions of the Contract Documents.

(e) Nothing contained in this Contract shall create any contractual relation between any Subcontractor and the Owner.

5.5 Protection of Work and Property

(a) The Contractor shall continuously maintain adequate protection of all his work and materials from damage or theft and shall protect the Owner's property and all adjacent property from injury or loss arising in connection with activities under this Contract.

(b) The Contractor shall take, use, provide, and maintain all necessary precautions, safeguards, and protection to prevent accidents, or injury to persons or property on, about, or adjacent to the site of the work. He shall designate a responsible member of his organization on the work, whose duty shall be the prevention of accidents, and the name of the person so designated shall be reported to the Engineer and Owner in writing.

(c) The Contractor shall take all precautions to prevent damage to the work by storms or by water entering the site of the work directly or through the ground.

5.6 Non-Interference with and Protection of Public

(a) The Contractor shall conduct his work so as to interfere as little as possible with private business and public travel. Wherever necessary or required, and at his own expense, he shall maintain fences, furnish watchmen, maintain lights and take such precautions as may be necessary to protect life and property.

(b) The Contractor shall so carry on his work that traffic will be maintained as far as is reasonably possible in streets in which pipelines and/or other structures are to be built. Sidewalks and crossings shall be kept open for the passage of pedestrians, unless otherwise authorized.

Driveways to properties shall be kept open at all times except when pipe laying beneath them is in actual progress. Streets shall not be unnecessarily obstructed, and unless the Engineer shall authorize the complete closing of a street, the Contractor shall take such measures, at his own expense, as may be necessary to keep the street open for traffic.

(c) The Contractor shall construct and maintain, without extra compensation such adequate and proper bridges over excavations as may be necessary or directed for the purpose of accommodating pedestrians or vehicles.

5.7 Supervision of Work

(a) The Contractor shall give the work the constant attention necessary to facilitate the progress thereof and shall cooperate with the Engineer in every possible way.

(b) At all times, the Contractor shall have as his agent on the work a competent superintendent who shall have full authority to act for the Contractor and to execute the orders or the directions of the Engineer without delay and supply promptly such materials, equipment, tools, labor, and incidentals as may be required.

5.8 Licenses and Permits

(a) The Contractor shall, at his own expense, take out all necessary licenses and permits from the county, municipal , or other public authorities; shall give all notices required law or ordinances; and shall post all bonds and pay all fees and charges incident to the due and lawful prosecution of the work covered by this Contract.

5.9 Assignment

(a) The Contractor shall constantly give his personal attention to the faithful prosecution of the work, shall keep the same under this personal control, shall not assign, by power of attorney or otherwise, or sublet the work or any part thereof, without the previous written consent of the Owner, and shall not either legally or equitably assign any of the moneys payable under this Agreement, or his claim thereto, unless by and with the like consent of the Owner and the Surety on the Bond.

5.10 Labor Provisions

(a) The Contractor shall employ only competent men to perform the work, and shall discharge whenever ordered to do so by the Engineer, any employee who is disorderly whose conduct in the opinion of the Engineer is detrimental to the prosecution of the work.

(b) No person whose age or physical condition is such as to make his employment dangerous to his health and safety or to the health and safety of others shall be employed on the work, and in no work, and in no event shall any person under the age of sixteen years be employed.

(c) The Contractor shall adhere strictly to the additional requirements with regard to discrimination in employment, employment or apprentices, and related labor requirements.

5.11 Employ Sufficient Labor and Equipment

(a) If in the opinion of the Engineer the Contractor is not employing sufficient labor and equipment to complete this Contract within the time specified, the Engineer may, after giving written notice, require the Contractor to employ such additional labor and equipment as may be necessary to enable the work to progress properly.

5.12 Access to Work

(a) For purposes already specified and for any other purpose, the Owner, the Engineer, and their agents and employees may enter upon the work and the premises used by the Contractor and the Contractor shall provide safe and proper facilities therefor.

5.13 Examination of the Work

(a) The Engineer and his representative shall, at al1 times, be furnished with every reasonable facility for ascertaining that the stock and materials used and employed, and the workmanship are in accordance with the requirements and intentions of the Specifications. If any work should be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination at the Contractor's expense.

(b) Reexamination of questioned work may be ordered by the Engineer and if so ordered, the work must be uncovered by the Contractor. If such work be found in accordance with the Contract Documents, the Owner shall pay the cost of reexamination and replacement. If such work be found not in accordance with the Contract Documents the Contractor shall pay such cost unless he shall show that the defect in the work was caused by another party, and in that event, the Owner shall pay such cost.

(c) The inspection of the work shall not relieve the Contractor of any of his obligations to fulfill his Contract as prescribed, and defective work shall be made good and unsuitable materials shall be rejected notwithstanding that such defective work and materials have been previously overlooked and accepted on estimates for payment. All work shall be tested to the satisfaction of the Engineer before acceptance.

5.14 Reports, Records and Data

(a) The Contractor shall submit to the Engineer such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data as the Engineer or Owner may request concerning work performed or to be performed under this Contract.

5.15 Defective Work

(a) The Contractor shall promptly remove from the premises all work and materials condemned by the Engineer as failing to conform to the Contract, whether incorporated or not, and the Contractor shall promptly replace and re-execute his own work in accordance with the Contract and without expense to the Owner.

(b) If the Contractor does not remove such condemned work or materials within a reasonable time after notice, the Owner may remove them and store the materials at the expense of the Contractor.

5.16 Mistakes of Contractor

(a) The Contractor shall make good any defects, omissions, or mistakes for which he, his employees, subcontractors or independent contractors are responsible, or he shall pay to the Owner all expenses, losses, and damages incurred therefrom as determined by the Engineer.

5.17 Facilities and Utilities

(a) The Contractor shall be deemed to have examined the site and to have secured full knowledge of all conditions under which the work is to be executed and completed, including the available roadway, rail and other approaches to the site and the space available for work areas, storage and for temporary offices, sheds, etc.

(b) The site and approach facilities are to be used with due regard for the Owner's requirements thereof and the requirements of others who may have been engaged by the Owner. If it should become necessary to move the materials or facilities of the Contractor, he shall do so upon request of the Owner or the Engineer; expense so incurred, shall be borne by the Contractor unless the request involves a movement from a previously approved working or storage area.

(c) The Owner shall not be held responsible for damages and losses incurred by the Contractor through the failure of any utilities and services furnished by the Owner. In the event of such failure, the Owner shall, however, exert every reasonable effort to expedite the restoration of such services, at the earliest possible time.

5.18 Prices for Work

(a) The Owner shall pay, and the Contractor shall receive, the prices stipulated in the PROPOSAL attached hereto as full compensation for everything furnished and done by the Contractor under this Contract, including all work required but not specifically mentioned, and also for all loss or damage arising out of the nature of the work aforesaid, for all risks of every description connected with the work, and for well and faithfully completing the work and the whole thereof, as herein provided.

5.19 Suspension of Work

(a) Should the Owner be prevented or enjoined from proceeding with work either before or after the start of construction by reason of any litigation or other reason beyond the control of the Owner, the Contractor shall not be entitled to make or assert claim for damage by reason of said delay; but time for completion of the work will be extended to such reasonable time as the Owner may determine will compensate for time lost by such delay with such determination to be set forth in writing.

5.20 Contractor's Right to Terminate

(a) If, through no act or fault of the Contractor, the work is suspended for a period of more than ninety days by the Owner, or the Owner fails to pay the Contractor any sum approved by the Engineer within thirty days of its approval and presentation, then the Contractor may, upon seven days' written notice to the Owner and the Engineer stop the work until he has been paid all amounts then due.

5.21 Delays and Extension of Time

(a) If the Contractor be delayed at any time in the progress of the work by an act or neglect of the Owners or the Engineer, or of any employee of either or by any separate Contractor employed by the Owner, or by changes ordered in the work, or by strike, lockouts, fire, unusual delay in transportation, unavoidable casualties, or any causes beyond the Contractor's control, or by delay authorized by the Engineer, or by any cause which the Engineer shall decide to justify the delay, the time of completion shall be extended for such reasonable time as the Engineer may decide.

(b) Such extension shall be made for delay occurring more than seven days before claim therefore is made in writing to the Engineer. In the case of a continued cause of delay, only one claim is necessary.

(c) This section does not exclude the recovery of damages for delay by either party under other provisions in the Contract Documents.

6. RESPONSIBILITIES, OBLIGATION AND LIABILITY OF THE OWNER

6.1 Land of Owner, Use of, by Contractor

(a) The Owner shall provide the land upon which the work under this Contract is to be done, and will, so far as is convenient, permit the Contractor to use as much of the land as is required for the erection of temporary construction facilities and storage of materials, together with the right of access to same, but beyond this, the Contractor shall provide, at his cost and expense, any additional land required.

6.2 Delay by Owner

(a) The Owner may delay the beginning of the work or any part thereof if the necessary lands or right-of-way for such work shall not have been obtained. The Contractor shall have no claim for damages on account of such delay, but shall be entitled to so much additional time wherein to perform and complete this Contract on his part as the Engineer shall certify in writing to be just.

6.3 Owner's Right to Take Over the Work

(a) If the Contractor should be adjudged a bankrupt, or if he should make a general assignment for the benefit of his creditors, or if a receiver should be appointed to take over his affairs, or if he should fail to prosecute his work with due diligence and carry the work forward in accordance with his work schedule and the time limits set forth in the Contract Documents, or if he should fail to substantially perform one or more of the provisions of the Contract Documents to be performed by him, the Owner may serve written notice on the Contractor and the surety on his performance bond, stating its intention to exercise one of the remedies hereinafter set forth and the grounds upon which the Owner bases its right to exercise such remedy.

(b) In any event, unless the matter complained of is satisfactorily cleared within ten days after service of such notice, the Owner may, without prejudice to any other right or remedy, exercise one of such remedies, at once, having first obtained a certificate from the Engineer that sufficient cause exists to justify such action.

(c) The Owner may terminate the services of the Contractor, which termination shall take effect immediately upon service of notice thereof on the Contractor and his surety, whereupon the surety shall have the obligation to take over and perform the Contract. If the surety does not promptly commence performance of the Contract after service of the notice of termination, the Owner may take over the work, take possession of and use all materials, tools, equipment and appliances on the premises and prosecute the work to completion by such means as it shall deem best. In the event of such termination of his service, the Contractor shall not be entitled to any further payment under his Contract until the work is completed and accepted . If the Owner takes over the work and if the Unpaid balance of the Contract price when the owner takes over the work, exceeds the cost of completing the work, including compensation for any damages or expenses incurred by the Owner through the default of the Contractor, such excess shall be paid to the Contractor. In such event, if such cost, expenses, and damages shall exceed such unpaid balance of the Contract price, the Contractor and his surety shall pay the difference to the Owner. Such cost, expenses, and damages shall be certified by the Engineer.

(d) The Owner may take control of the work and either make good the deficiencies of the Contractor itself or direct the activities of the Contractor in doing so, employing such additional help as the Owner deems advisable. In such event the Owner shall be entitled to collect from the Contractor and his surety, or to deduct from any payment then or thereafter due the Contractor, the costs incurred by it through the default of the Contractor, provided the Engineer approves the amount thus charged to the Contractor.

(e) The Owner may require the surety on the Contractor's bond to take control of the work at once and see to it that all the deficiencies of the Contractor are made good with due diligence. As between the Owner and the surety, the cost of making good such deficiencies

shall all be borne by the surety. If the surety takes over the work, either upon termination of the services of the Contractor or upon instructions from the Owner to do so, the provisions of the Contract Documents shall govern in respect to the work done by the surety, the surety being substituted for the Contractor as to such provision including provisions as to payment for the work and provisions of this section as to the right of the Owner to do the work itself or to take control of the work.

6.4 Right of Occupancy

(a) The Owner shall have the right, if necessary, to take possession of and to use any completed or partially completed portions of the work, if such use be approved by the Engineer even if the time for completing the entire work or such portions of the work has not expired and even if the work has not been finally accepted. Such possession and use shall not constitute an acceptance of such portions of the work. The Owner shall not have the right of such possession and use if it materially interferes with the Contractor's operations. The Owner shall also have the right to enter the premises for the purpose of doing work not covered by its Contract with the Contractor.

7 7. AUTHORITY OF THE ENGINEER

7.1 General Supervision and Direction of Work

(a) The Engineer will provide administration of the Contract as described in the Contract Documents, and will be the Owners representative (1) during construction, (2) until final payment is due and (3) with the Owners concurrence, from time to time during the correction period. The Engineer will advise and consult with the Owner. The Engineer will have authority to act on behalf of the Owner only to the extent provided in the Contract Documents, unless otherwise modified by written instrument in accordance with other provisions of the Contract.

(b) The Engineer will visit the site at intervals appropriate to the stage of construction to become generally familiar with the progress and quality of the completed Work and to determine in general if the Work is being performed in a manner indicating that the Work, when completed, will be in accordance with the Contract Documents. However, the Engineer will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. On the basis on on-site observations as an engineer, the Engineer will keep the Owner informed of progress of the Work, and will endeavor to guard the Owner against defects and deficiencies in the Work.

(c) The Engineer will not have control over or charge of and will not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, since these are solely the Contractors responsibility. The Engineer will not be responsible for the Contractors failure to carry out the Work in accordance with the Contract Documents. The Engineer will not have control over or charge of and will not be responsible for acts or omissions of the Contractor, Subcontractors, or their agents or employees, or of any other persons performing portions of the work.

7.2 Decisions and Explanations by the Engineer

(a) The Engineer shall make all necessary explanations as to the meaning and intent of the Contract Documents and shall give all orders and directions either contemplated therein or thereby, or in every case in which a difficult or unforeseen condition arises during the prosecution of the work. The Engineer shall in all cases determine the amount, quality and acceptability of the work to be paid for under the Contract, and shall decide all questions in relation to said work. His decision and estimate shall be final and conclusive.

(b) Any differences or conflicts with regard to their work which may arise between the Contractor under this Contract and other contractors performing work for the Owner shall

be adjusted and determined by the Engineer.

7.3 Engineer's Decision Questioned

(a) In the event that a determination or decision of the Engineer is questioned by the Contractor, the decision of the Engineer shall be a conditioned precedent to the Contractor's right to receive any money for the work or materials to which the question or difference in opinion relates.

(b) If the Contractor considers any work demanded of him to be outside the requirements of the Contract, he shall, upon such decision being made, ask in writing for written instructions, within two days after the request therefor. Upon receipt of such written instructions, the Contractor shall proceed without delay to perform the work within ten days after receipt of the written instructions. The Contractor may file a written protest with the Owner stating clearly and in detail his objections, the reasons therefore, and the nature and amount of damages which the Engineer's decision will cause him. Unless the Contractor shall file such written protest with the Owner within such ten day period, he shall be deemed to have waived all grounds for such protests.

7.4 Discontinuance of Work

(a) The Engineer shall have the right to stop all work being done under the Contract if the Engineer finds that any phase of the work is not being done in accordance with the Plans and/or Specifications.

8. CONDUCT OF THE WORK

8.1 Quantities of Estimate

(a) Wherever the estimated quantities of work to be done and materials to be furnished under this contract are shown in any of the documents including the proposal, they are given for use in comparing bids and the right is especially reserved to increase or diminish them as may be deemed reasonably necessary or desirable by the owner to complete the work contemplated by this Contract, and such increase or diminution shall in no way violate this Contract, nor shall any such increase or diminution give cause for claims or liability for damages.

8.2 Alterations

(a) The Engineer may make alterations in the line, grade, plan, form, dimensions, or materials of the work or any part thereof, either before or after commencement of construction. If such alterations increase or diminish the quantity of work to be done, adjustment for such increase or decrease shall be made at the unit prices stipulated for such work under this Contract, except that, if unit prices are not stipulated for such work, compensation for increased work shall be made under the item for Extra Work and for decreased work the Contractor shall allow the Owner a reasonable credit as determined by the Engineer. If such alterations diminish the quantity of work to be done, they shall not warrant any claim for damages or for anticipated profits on work that is eliminated.

8.3 Extra Work

(a) Extra work shall be work for which no unit bid was received in the proposal and which was not included in the Scope of Work at the time of forming the Contract. The Owner, without invalidating the Contract, may order extra work or make changes in the work, the contract sum being adjusted accordingly. All such work shall be executed under the conditions of the original contract.

(b) The value of such extra work or change shall be determined in one or more of the following ways:

(1) By estimate and acceptance in a lump sum.

(2) By a negotiated unit price.

(3) By actual cost.

(c) In method (3), "cost" shall include all labor, (including foremen) materials, power, fuel and rental on major items of equipment, insurance, social security and Old Age and Unemployment Contributions. The Contractor shall not include in the cost of extra work any cost or rental of small tools, buildings, or any portion of the time of the Contractor, his superintendent, or his office and engineering staff. The Contractor and/or Subcontractor shall keep daily records of such extra work and shall notify the Engineer before commencement of such work. The daily record shall include the names of men employed and hours worked, materials and equipment incorporated, and machinery used, if any, in the prosecution of such extra work. This daily record shall be signed by the Contractor's authorized representative and (if approved) by the Engineer, verifying that such work has been done. A separate daily record shall be submitted for each Contract Change Order. Payment for extra work shall be made in accordance with the Engineer's approved records of time, rentals and materials used, and rate schedules.

(d) To the cost under (c) there shall be added a fixed fee not to exceed fifteen percent (15%) of the estimated cost of the work. The fee shall be compensation to cover the cost of supervision, overhead, bond, profit and any other approved expenses. In the case of extra work done under (c) above by a Subcontractor, the Subcontractor shall compute his cost as above. The Contractor shall be allowed an additional fee not to exceed five percent (5%) of the subcontractor's charge to cover the Contractor's cost of supervision overhead, bond, profit and any other approved expenses. This mark-up does not apply to **section 8.3 (e) below.**

(e) The rental for all major machinery or equipment shall be based upon the most recent edition of "Compilation of Rental Rates for Construction Equipment", published by the Associated Equipment Distributors, or a similar publication approved by the Engineer. Rental for machinery shall be based on the appropriate rate. If said work requires the use of machinery not on the job, the cost of transportation, not exceeding a distance of 100 miles, of such machinery to and from the work shall be added to the rental. Rental on equipment shall be charged against the extra or changed work only for the actual time the equipment is used specifically therefore.

(f) Changed work shall be adjusted, considering separately the work added and the parts omitted. Amount of adjustment for parts omitted shall be estimated at the time omission of work is authorized and the agreed adjustment will be deducted from or added to the subsequent monthly estimates.

(g) The Owner reserves the right to contract with any person or firm other than the Contractor for any or all extra work. The Contractor's attention is especially called to the fact that he shall be entitled to no claim for damages for anticipated profits on any portion of the work that may be omitted.

8.4 Extension of Time on Account

(a) When extra work is ordered near the completion of the Contract or when extra work is ordered at any time during the progress of the work which requires in the opinion of the Engineer an unavoidable increase of time for the completion of the Contract, a suitable extension of the time for completion shall be made.

8.5 Changes not to Affect Bonds

(a) It is distinctly agreed and understood that any changes made in the drawings and specifications for this work or otherwise in the scope of work to be performed by the Contractor, whether such changes increase or decrease the amount thereof, or any change in the manner or time of payments made by the Owner of the Contractor shall in no way annul, release or affect;' the liability and surety on the bonds given by the Contractor.

8.6 Claims for Damages

(a) If the Contractor claims compensation for any damages sustained by breach of contract or otherwise, he shall, within 10 days after sustaining such damages, file with the Engineer a written, itemized statement, in triplicate, of the details and amount of such damage. Unless such statement is made as required, his claim for compensation shall be forfeited and invalidated, and he shall not be entitled to payment on account of any such damage. Within 10 days after receiving such statement, the Engineer shall file with the Owner one copy of the statement, together with the recommendations for action of the Owner.

(b) If the Contractor claims compensation for damages resulting from instructions, determinations, or decisions of the Engineer, such claims shall not be considered unless the Contractor has filed a written protest in the manner set forth in **article 7.**

8.7 Additional or Substitute Bond

(a) If at any time the Owner for justifiable cause shall be or become dissatisfied with any surety or sureties, then upon the Performance or Payment Ponds, the Contractor shall within five days after notice -from the Owner to do so, substitute an acceptable bond (or bonds) in such form and sum and signed by such other surety or sureties as may be satisfactory to the Owner. The premiums on such bond shall be paid by the Contractor. No further payments shall be deemed due nor shall be made until the new surety or sureties shall have furnished such an acceptable bond to the Owner.

8.8 Intoxicating Liquors

(a) The Contractor shall not sell and shall neither permit or suffer the introduction or use of intoxicating liquors upon or about the work under this Contract.

9. PROGRESS ESTIMATES AND PAYMENT

9.1 Progress Estimates

(a) On the first working day of each calendar month, or as soon thereafter as practicable, the Contractor shall make an estimate in writing of the total amount and value of the work done to the first of the month by the Contractor.

9.2 Progress Payments

(a) Partial payments to the Contractor will be made by the Owner on the fifteenth day of each calendar month, or as soon thereafter as practicable, on the basis of a duly certified and approved requisition made by the Contractor of the work performed during the preceding calendar month under this Contract. Such partial payments will be made provided that the Contractor is performing the overall job in a diligent manner. In making partial payments, there shall be retained five percent of the amount of each estimate until final completion and acceptance of all work covered by the Contract.

(b) It is agreed that this is an entire contract for one whole and complete work and

that no partial payments on account by the Owner nor the use of parts of the proposed equipment shall constitute an acceptance of any part of the work before its entire completion and final acceptance.

9.3 Payments Withheld

(a) The Engineer may recommend that the Owner withhold or, on account of subsequently discovered evidence, nullify the whole or part of an estimate to such extent as may be necessary to protect the Owner from loss on account of:

(1) Defective work not remedied.

(2) Claims filed or. reasonable evidence indicating probable filing of claims.

(3) Failure of the Contractor to make payments properly to Subcontractors or for material or labor.

(4) A reasonable doubt that the Contract can be completed for the balance then unpaid.

(5) Damage to another Contractor.

(6) Failure of the Contractor to keep his work progressing in accordance with this time schedule.

(b) When the above grounds are removed, payment shall be made for amount's withheld because of them.

9.4 Measurement of Quantities

(a) The computation of quantities that will be the basis for estimates, both monthly and final, shall be made by the Contractor in accordance with the methods defined in the Plans and Specifications, and are subject to verification by the Engineer..

9.5 Acceptance and Final Payment

(a) Final inspection and acceptance of the work shall be made for the Owner by the Engineer. Such inspection shall be made as soon as practical after the Contractor has notified the Owner in writing that the work is ready for such inspection.

(b) Upon completion and acceptance of the work, the Engineer shall issue a certificate that the whole work provided for in this Contract has been completed and accepted by him under the conditions and terms thereof and shall make the final estimate of the work. After issuance of the certificate, the entire balance found to be due the Contractor, including said retained percentage but excepting such sums as may be retained lawfully by said Owner, shall be paid to the Contractor by the Owner in accordance with existing State laws. Before the approval of the final estimate, the Contractor shall submit to the Owner and to his Surety a notarized CONTRACTOR'S AFFIDAVIT attesting to the fact that all bills of whatever nature have been paid.

(c) In addition, a list of all claims by residents shall be submitted by the Contractor's insurance company, stating the status of each claim.

(d) In addition, before approval of the final estimate, the Contractor's Surety shall submit, - to the Owner and the Engineer a STATEMENT OF SURETY COMPANY stating satisfaction that, following careful examination of the books and records of the Contractor and after receipt of the Contractor's AFFIDAVIT described above, all claims for labor and materials related to the Contract have been satisfactorily settled.

9.6 Liens

(a) If at any time before the expiration of the period within which claims must be entered under the Lien Law or, if not otherwise specified by law, within thirty days after the whole work herein agreed to be performed and all the labor and materials herein agreed to be delivered have been performed, and accepted by the Owner, any person or persons claiming to have performed any labor or furnished materials toward the performance or completion of this Contract shall file with the owner suitable notice, the Owner shall retain, until discharge thereof, from the moneys under its control so much of such money as shall be sufficient to satisfy and discharge the amount claimed to be due in such notice, together with the cost of any action or actions brought to enforce lien created by the filing of such notice.

9.7 Acceptance of Final Payment Constitutes Release

(a) The acceptance by the Contractor of final payment shall be and shall operate as a release to the Owner of all claims and all liability to the Contractor for all things done or furnished in connection with this work and for every act and neglect of the Owner and others relating to or arising out of-this work. With acceptance of final payment, the Contractor shall sign a CONTRACTORS RELEASE relieving the Owner of all further claims arising from the Contract. No payment, however, final or otherwise, shall operate to release the Contractor or his sureties from any obligations under this Contract or the Performance and Payment Bond.

10. MISCELLANEOUS

10.1 Notice and Service Thereof

(a) Any notice to any Contractor from the Owner relative to part of this contract shall be in writing and considered delivered the service thereof completed, when said notice is posted by certified or registered mail to the said Contractor, at his last given address, or delivered in person to the said Contractor or his authorized representative on the work.

10.2 Taxes

(a) The Contractor shall study all tax-laws for the jurisdiction in which the work is being done, particularly so-called Sales and Use Taxes and shall pay all taxes for which he may be liable as a consumer or user of goods, or such taxes based on his receipts from the owner, or a portion thereof. The Contractor shall also obtain, where applicable, sales and use tax exemptions.

10.3 Guarantees

(a) The Contractor guarantees that the work to be done under this Contract, and the workmanship performed and the materials and equipment used in the construction of the same, shall be free from defects or flaws, that each item of equipment shall be adequate and that the performance test requirements of the specifications shall be fulfilled. This guarantee shall be for a period of one year from and after the date of completion of the work as stated on the certificate of final inspection or as required by the detailed specifications. The Contractor shall repair or replace as required, promptly and without charge, all work, equipment and material, or parts thereof, which fail to meet the above guarantee during the one year herein quoted.

(b) It is hereby, however, especially agreed and understood that this guarantee shall not include any repairs or replacements made necessary by any cause or causes other than improper, inadequate, or defective work, workmanship, materials, or design by the Contractor or those employed directly or indirectly by him.

10.4 Waivers

(a) Neither the inspection by the Owner or any of its agents; nor any order, measurement, or certificate by the Engineer; nor any order by the Owner for the payment of money; nor any Payment for or acceptance of the or any part of the work by the Owner; nor any extension of time; nor any possession taken by the Owner or its employees shall operate as a waiver of any provision of this Contract, of any power herein reserved to the Owner, or any right to damages herein provided; nor shall any waiver of any breach of this Contract be held to be a waiver of any other or subsequent breach. Any remedy provided in this Contract s hall be taken and construed as cumulative, that is, in addition to each and every other remedy herein provided and in addition to all other suits, actions, or legal proceedings, the Owner scale also be entitled as of right of a writ of injunction against any breach of any of the provisions of this Contract.

10.5 Patents

(a) The Contractor shall hold and save the Owner and its officers, agents, servants, and employees harmless from liability of any nature or kind, on account of, any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract.

(b) License or Royalty Fees: License and/or Royalty Fees for the use of a process which is authorized by the Owner of the project must be reasonable, and paid to the holder of the patent, or his authorized licenses, direct by the Owner and not by or through the Contractor.

(c) If the Contractor uses any design, device or materials covered by letters, patent or copyright, he shall provide for such use by suitable agreement with the Owner. It is mutually agreed and understood that, without exception, the Contract prices shall include all royalties or costs arising from the use of such design, device or materials, in any way involved in the work. The Contractor and/or his Sureties and his Subcontractors and independent contractors and their sureties, shall indemnify and save harmless the Owner of the project and its officers, agents, servants and employees from any and all claims for infringement.

SECTION 4

- **Project Location**
- **645 Main Street Site Plan**
- **575 Main Street Site Plan**
- **Analytical Data for 645 Main Street**
- **Analytical Data for 575 Main Street**
- **Analytical Report**
- **City of Middletown Public Works Department Engineering Division Standard Details & Specifications, dated January 2012**

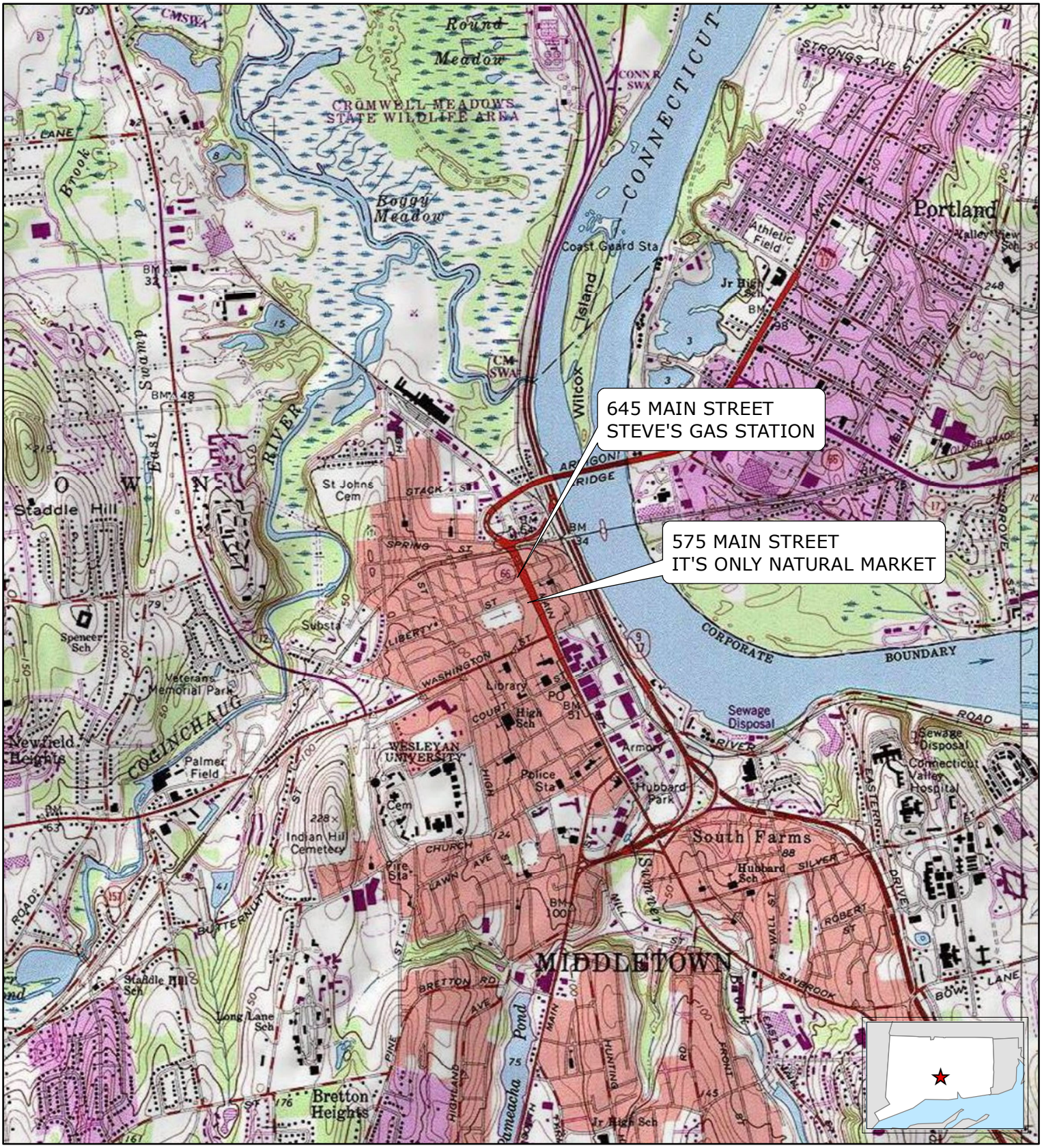


FIGURE 1
SITE LOCATION MAP

575 & 645 Main Street
Middletown, Connecticut

August 2016

Tighe&Bond
Engineers | Environmental Specialists

Based on USGS Topographic Map for Middletown, CT Revised 1992. Contour Interval Equals 10 Feet.

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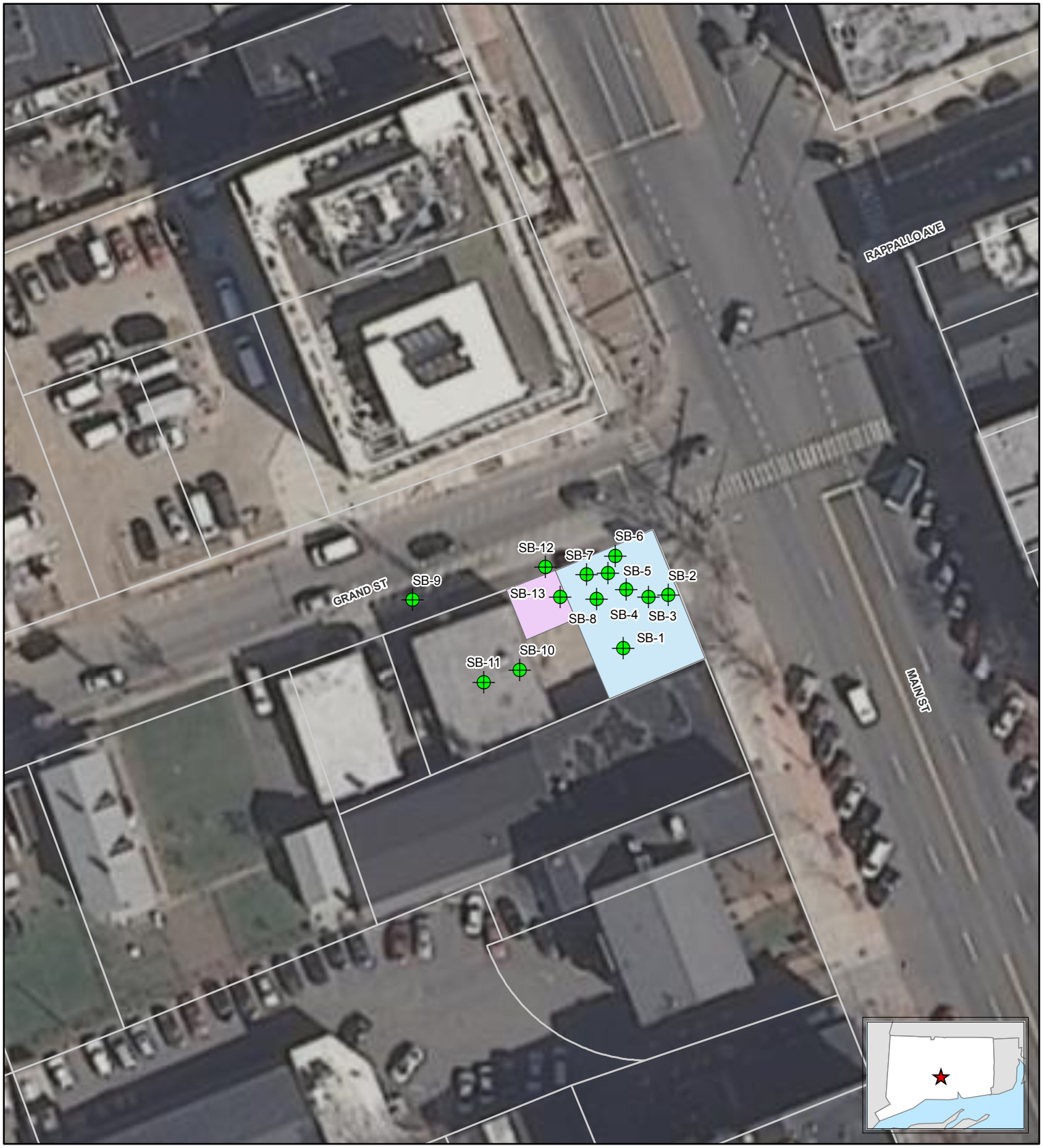

Legend

- Soil Boring
- Parcel Boundary
- Waste Oil Excavation Area
- Gasoline Excavation Area

Tighe&Bond
Engineers | Environmental Specialists

Based on 2012 Statewide Leaf-Off Orthophotography, Courtesy of University of Connecticut.

1 inch=50 feet
0 25 50
Feet

N

FIGURE 2
SITE PLAN
Steve's Gas Station
645 Main Street
Middletown, Connecticut

August 2016

V:\Projects\M\M1185\MXDs\M1185_645 Main St.mxd

M-1185

Legend

- Soil Boring
- Approximate UST Location
- Parcel Boundary

Tighe&Bond
Engineers | Environmental Specialists

Based on 2012 Statewide Leaf-Off Orthophotography, Courtesy of University of Connecticut.

1 inch=40 feet
0 20 40
Feet

N

FIGURE 3
SITE PLAN
It's Only Natural Market
575 Main Street
Middletown, Connecticut

August 2016

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M-1185

Table 2
Summary of Soil Analytical Data
Steve's Gas Station
645 Main Street
Middletown CT

Sample ID				**SB-1**	**SB-2**	**SB-3**	**SB-4**	**SB-5**	**SB-6**	**SB-7**	**SB-8**	**SB-DUP**	**SB-12**	**SB-13**
Sample Depth		**CT DEEP RSRs**		13-15'	14-15'	15-17'	12-14'	15-17'	8-10'	13-15'	15-17'	-	12-14'	13-15'
AOC #				1	1	1	1	1	1	2	2		2	2
Laboratory ID				6020518-02	6020518-03	6020518-04	6020518-05	6020518-06	6020535-01	6020535-02	6020535-03	6020535-06	6020535-04	6020535-05
Date Sampled	RES DEC	I/C DEC	GB PMC	2/25/2016	2/25/2016	2/25/2016	2/25/2016	2/25/2016	2/26/2016	2/26/2016	2/26/2016	2/26/2016	2/26/2016	2/26/2016
CT ETPH (mg/Kg)	500	2,500	2,500	ND<55	380	ND<56	210	ND<56	110	ND<55	580	440	440	64
VOCs (mg/Kg)	Varies	Varies	Varies											
1,2,4-Trimethylbenzene	*500*	*1,000*	*28*	0.22	**53**	ND<0.13	**49**	**32**	**62**	7.7	**190**	**220**	16	23
1,3,5-Trimethylbenzene	*500*	*1,000*	*28*	2.1	14	0.15	14	8.6	18	2.4	**49**	**61**	5.7	6.9
4-Isopropyltoluene	*500*	*1,000*	*5*	0.33	1.90	ND<0.13	2.6	1.3	1.2	0.28	**7.9**	**10**	0.67	1.2
Benzene	21	200	0.2	ND<0.14	0.13	ND<0.13	ND<0.16	ND<0.26	ND<0.61	ND<0.15	ND<1.3	ND<2.9	ND<0.14	ND<0.14
Ethylbenzene	500	1,000	10.1	ND<0.14	0.99	ND<0.13	3.3	6.9	**20**	1.7	**66**	**71**	2.3	2.2
Isopropylbenzene	*500*	*1,000*	*5*	0.21	1	ND<0.13	1.3	0.81	2.1	0.26	**6.9**	**8.1**	0.65	0.75
m+p Xylenes	500	1,000	19.5	ND<0.14	1.3	ND<0.13	6.6	13	**120**	6.2	**290**	**300**	11	8.7
Naphthalene	1,000	2,500	56	0.43	1.7	ND<0.13	2.7	3.1	2	0.64	12	18	0.83	1.4
n-Butylbenzene	*500*	*1,000*	*70*	0.41	1.7	ND<0.13	2.8	1.3	1.2	0.27	5.1	7.4	0.5	0.96
n-Propylbenzene	*500*	*1,000*	*10*	1.2	6.3	0.23	6.3	3.8	8.8	1.1	**24**	**27**	1.7	2.6
o-Xylene	500	1,000	19.5	ND<0.14	0.13	ND<0.13	ND<0.16	1.1	**32**	ND<0.15	**53**	**58**	0.42	2.2
sec-Butylbenzene	*500*	*1000*	*70*	ND<0.14	0.13	ND<0.13	ND<0.16	ND<0.26	ND<0.61	ND<0.15	ND<1.3	ND<0.57	ND<0.14	ND<0.14
Styrene	500	1,000	20	ND<0.14	0.13	ND<0.13	ND<0.16	ND<0.26	ND<0.61	ND<0.15	ND<1.3	ND<0.57	ND<0.14	ND<0.14
Toluene	500	1,000	67	ND<0.14	0.13	ND<0.13	ND<0.16	ND<0.26	ND<0.61	ND<0.15	1.5	1.4	ND<0.14	ND<0.14
SVOCs (mg/Kg)	Varies	Varies												
2-Methyl Naphthalene	*270*	*1000*	*5.6*	-	-	-	-	-	-	-	3.7	-	-	-
Benzo[a]anthracene	1	7.8	1	-	-	-	-	-	-	-	0.48	-	-	-
Benzo[a]pyrene	1	1	1	-	-	-	-	-	-	-	0.47	-	-	-
Benzo[b]fluoranthene	1	7.8	1	-	-	-	-	-	-	-	0.55	-	-	-
Chrysene	*84*	*780*	*1*	-	-	-	-	-	-	-	0.44	-	-	-
Fluoranthene	1,000	2,500	56	-	-	-	-	-	-	-	0.89	-	-	-
Naphthalene	1,000	2,500	56	-	-	-	-	-	-	-	5.7	-	-	-
Pyrene	1,000	2,500	40	-	-	-	-	-	-	-	0.81	-	-	-
PCBs (mg/kg)	1	10	NA	-	-	-	-	-	-	-	ND<0.23	-	-	-
Metals (mg/kg)														
Arsenic	10	10	NE	-	-	-	-	-	-	-	1.5	1.3	-	-
Barium	4,700	140,000	NE	-	-	-	-	-	-	-	38	35	-	-
Chromium	100	100	NE	-	-	-	-	-	-	-	10	9.8	-	-
Copper	2,500	76,000	NE	-	-	-	-	-	-	-	13	8.5	-	-
Lead	400	1,000	NE	4.8	9.0	5.3	5.5	10	-	-	13	9.6	-	-
Nickel	1,400	7,500	NE	-	-	-	-	-	-	-	7.6	6.9	-	-
Selenium	340	10,000	NE	-	-	-	-	-	-	-	1.6	ND<1.2	-	-
Vanadium	470	14,000	NE	-	-	-	-	-	-	-	26	19	-	-
Zinc	20,000	610,000	NE	-	-	-	-	-	-	-	22	17	-	-
SPLP Metals (mg/L)														
Barium	NA	NA	10	-	-	-	-	-	-	-	0.24	0.15	-	-
Copper	NA	NA	13	-	-	-	-	-	-	-	0.045	ND<0.040	-	-
Lead	NA	NA	0.15	0.027	-	0.026	-	-	-	-	0.026	0.016	-	-
Vanadium	NA	NA	0.5	-	-	-	-	-	-	-	0.053	ND<0.05	-	-
Zinc	NA	NA	50	-	-	-	-	-	-	-	0.074	0.029	-	-

Notes:
CTETPH - Connecticut Extractable Total petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
SVOCs - Semi Volatile Organic Compounds
PCB - Polychlorinated Biphenyl
mg/Kg - milligrams per kilogram
CT DEEP RSRs - Connecticut Remediation Standard Regulations
RES DEC - Residential Direct Exposure Criteria
-RES DEC only applies to soils 0 to 15' BGS
I/C DEC - Industrial/Commercial Direct Exposure Criteria
-I/C DEC only applies to soils 0 to 15' BGS
GB PMC - Pollutant Mobility Criteria for groundwater class GB
ND - Not detected above laboratory limits
NE - CT RSR Criteria not established
NA - Not Applicable
Compounds not listed on Summary Table were reported as ND in the laboratory analytical report.
Bolded and boxed - Concentration exceeds RSR value
Italicized' - CT DEEP Additional Polluting Substance
- Sample not analyzed
* - GB PMC values are established for leachable metals and PCBs using TCLP or SPLP analysis. Total values are reported in the laboratory analytical report
ND< - Reporting Limits are higher than RSR criteria
BRL - Below laboratory reporting limits
Laboratory analytical results were reported as total chromium, however results were compared to hexavalent chromium RES DEC and I/C DEC

Table 1
Summary of Soil Analytical Data
575 Main Street
Middletown CT

Sample ID				**SB-E**
Sample Depth		**CT DEEP RSRs**		13-15'
Laboratory ID				6020518-01
Date Sampled	RES DEC	I/C DEC	GB PMC	2/25/2016
CT ETPH (mg/Kg)	500	2,500	500	**670**
VOCs (mg/Kg)	Varies	Varies	Varies	
1,2,4-Trimethylbenzene	*500*	*1000*	*28*	22
1,3,5-Trimethylbenzene	*500*	*1000*	*28*	9.9
4-Isopropyltoluene	*500*	*1000*	*5*	1.4
Benzene	NE	NE	NE	ND<0.15
Ethylbenzene	NE	NE	NE	1.6
Isopropylbenzene	*500*	*1000*	*5*	0.71
m+p Xylenes	500	1,000	NE	2.2
Naphthalene	1,000	2,500	NE	3.7
n-Butylbenzene	*500*	*1000*	*70*	1.3
n-Propylbenzene	*500*	*1000*	*10*	2.4
o-Xylene	500	1,000	NE	0.3
sec-Butylbenzene	*500*	*1000*	*70*	ND<0.15
Styrene	500	1,000	20	ND<0.15
Toluene	500	1,000	67	ND<0.15
Metals (mg/kg)				
Lead	400	1,000	NE	6.6
SPLP Metals (mg/Kg)			**mg/L**	
Lead	NA	NA	0.15	**0.17**

Notes:
CTETPH - Connecticut Extractable Total petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
SVOCs - Semi Volatile Organic Compounds
PCB - Polychlorinated Biphenyl
mg/Kg - milligrams per kilogram
ug/Kg - micrograms per kilogram
CT DEEP RSRs - Connecticut Remediation Standard Regulations
RES DEC - Residential Direct Exposure Criteria
I/C DEC - Industrial/Commercial Direct Exposure Criteria
GB PMC - Polutant Mobility Criteria for groundwater class GA
ND - Not detected above laboratory limits
NE - CT RSR Criteria not established
NA - Not Applicable
Compounds not listed on Summary Table were reported as ND in the laboratory analytical report.
Bolded and boxed - Concentration exceeds RSR value
Italicised' - CT DEEP Additional Polluting Substance
- Sample not analyzed
* - GB PMC values are established for leachable metals and PCBs using TCLP or SPLP analysis. Total values are reported in the laboratory analytical report
ND< - Reporting Limits are higher than RSR criteria
BRL - Below laboratory reporting limits

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Client: Ms. Amy Vaillancourt
Tighe & Bond
213 Court St Suite 900
Middletown, CT 06457

Analytical Report

CET# 6020518

Report Date:March 08, 2016
Project: Steves Gas, Middletown
Project Number: M-1185
PO Number: M-1185

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate: M-CT903

New York Certification: 11982
Rhode Island Certification: 199

SAMPLE SUMMARY

The sample(s) were received at 4.1°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
SB-E 13-15ft	6020518-01	Soil	2/25/2016 7:45	02/26/2016
SB-1 13-15ft	6020518-02	Soil	2/25/2016 9:30	02/26/2016
SB-2 14-15ft	6020518-03	Soil	2/25/2016 10:30	02/26/2016
SB-3 15-17ft	6020518-04	Soil	2/25/2016 11:30	02/26/2016
SB-4 12-14ft	6020518-05	Soil	2/25/2016 12:30	02/26/2016
SB-5 15-17ft	6020518-06	Soil	2/25/2016 13:30	02/26/2016
Trip Blank	6020518-07	Water	2/25/2016	02/26/2016

Analyte: Total Solids [EPA 160.3 modified]

Analyst: DH

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6020518-01	SB-E 13-15ft	**92**	1.0	%	1	B6B2933	02/29/2016	03/02/2016 00:00	
6020518-02	SB-1 13-15ft	**90**	1.0	%	1	B6B2933	02/29/2016	03/02/2016 00:00	
6020518-03	SB-2 14-15ft	**89**	1.0	%	1	B6B2933	02/29/2016	03/02/2016 00:00	
6020518-04	SB-3 15-17ft	**90**	1.0	%	1	B6B2933	02/29/2016	03/02/2016 00:00	
6020518-05	SB-4 12-14ft	**91**	1.0	%	1	B6B2933	02/29/2016	03/02/2016 00:00	
6020518-06	SB-5 15-17ft	**90**	1.0	%	1	B6B2933	02/29/2016	03/02/2016 00:00	

Analyte: Total Lead [EPA 6010C]

Analyst: SS

Prep: EPA 3050B

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6020518-01	SB-E 13-15ft	**6.6**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 13:40	
6020518-02	SB-1 13-15ft	**4.8**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 13:44	
6020518-03	SB-2 14-15ft	**9.0**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 13:49	
6020518-04	SB-3 15-17ft	**5.3**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 13:53	
6020518-05	SB-4 12-14ft	**5.5**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 13:57	
6020518-06	SB-5 15-17ft	**10**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 14:01	

Analyte: SPLP Lead [EPA 6020A]

Analyst: SS

Prep: EPA 3005A-1312

Matrix: Extract

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6020518-01	SB-E 13-15ft	**0.17**	0.013	mg/L	1	B6C0309	03/03/2016	03/08/2016 15:18	
6020518-02	SB-1 13-15ft	**0.027**	0.013	mg/L	1	B6C0309	03/03/2016	03/08/2016 15:33	
6020518-04	SB-3 15-17ft	**0.026**	0.013	mg/L	1	B6C0309	03/03/2016	03/08/2016 15:38	

Client Sample ID SB-E 13-15ft

Lab ID: 6020518-01

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**670**	55	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 14:21	5, R
Surrogate: Octacosane	*86.7 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 14:21*	

5 C9-C14 Gasoline Range
R C15-C36 unknown

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	440	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Chloromethane	ND	290	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Vinyl Chloride	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Bromomethane	ND	290	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Chloroethane	ND	290	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Trichlorofluoromethane	ND	1200	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*F1*C1
Acetone	ND	4400	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Acrylonitrile	ND	230	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Trichlorotrifluoroethane	ND	1200	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*F1*C1
1,1-Dichloroethene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*F1*C1
Methylene Chloride	ND	1500	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Carbon Disulfide	ND	290	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*F1*C1
Methyl-t-Butyl Ether (MTBE)	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
trans-1,2-Dichloroethene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*C1
1,1-Dichloroethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
2-Butanone (MEK)	ND	730	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
2,2-Dichloropropane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
cis-1,2-Dichloroethene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Chloroform	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Tetrahydrofuran	ND	730	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*C1
1,1,1-Trichloroethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Carbon Tetrachloride	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*C1
1,1-Dichloropropene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*C1
Benzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	

Client Sample ID SB-E 13-15ft

Lab ID: 6020518-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dichloroethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Trichloroethene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2-Dichloropropane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Dibromomethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Bromodichloromethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Methyl Isobutyl Ketone	ND	730	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
cis-1,3-Dichloropropene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Toluene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
trans-1,3-Dichloropropene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
2-Hexanone	ND	730	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,1,2-Trichloroethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Tetrachloroethene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*C1
1,3-Dichloropropane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Dibromochloromethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2-Dibromoethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
trans-1,4-Dichloro-2-Butene	ND	730	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Chlorobenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,1,1,2-Tetrachloroethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Ethylbenzene	**1600**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
m+p Xylenes	**2200**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
o-Xylene	**300**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Styrene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Bromoform	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Isopropylbenzene	**710**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,1,2,2-Tetrachloroethane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Bromobenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2,3-Trichloropropane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
n-Propylbenzene	**2400**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
2-Chlorotoluene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
4-Chlorotoluene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,3,5-Trimethylbenzene	**9900**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
tert-Butylbenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2,4-Trimethylbenzene	**22000**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	E
sec-Butylbenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,3-Dichlorobenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
4-Isopropyltoluene	**1400**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,4-Dichlorobenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2-Dichlorobenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
n-Butylbenzene	**1300**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2-Dibromo-3-Chloropropane	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2,4-Trichlorobenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	

Client Sample ID SB-E 13-15ft

Lab ID: 6020518-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobutadiene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	*F1*C1
Naphthalene	**3700**	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
1,2,3-Trichlorobenzene	ND	150	53.82	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:05	
Surrogate: 1,2-Dichloroethane-d4	*89.9 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:05*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:05*	
Surrogate: 4-Bromofluorobenzene	*96.8 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:05*	

Client Sample ID SB-E 13-15ft

Lab ID: 6020518-01RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1800	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*F1
Chloromethane	ND	1200	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Vinyl Chloride	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*C2
Bromomethane	ND	1200	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*C2
Chloroethane	ND	1200	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Trichlorofluoromethane	ND	4700	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Acetone	ND	18000	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Acrylonitrile	ND	940	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Trichlorotrifluoroethane	ND	4700	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,1-Dichloroethene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*F1*C1
Methylene Chloride	ND	5900	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Carbon Disulfide	ND	1200	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*C1
Methyl-t-Butyl Ether (MTBE)	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
trans-1,2-Dichloroethene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,1-Dichloroethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
2-Butanone (MEK)	ND	2900	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
2,2-Dichloropropane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*C2
cis-1,2-Dichloroethene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Chloroform	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Tetrahydrofuran	ND	2900	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,1,1-Trichloroethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Carbon Tetrachloride	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,1-Dichloropropene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Benzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2-Dichloroethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Trichloroethene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2-Dichloropropane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Dibromomethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Bromodichloromethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Methyl Isobutyl Ketone	ND	2900	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
cis-1,3-Dichloropropene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Toluene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
trans-1,3-Dichloropropene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
2-Hexanone	ND	2900	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,1,2-Trichloroethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Tetrachloroethene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,3-Dichloropropane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Dibromochloromethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2-Dibromoethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
trans-1,4-Dichloro-2-Butene	ND	2900	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	

Client Sample ID SB-E 13-15ft

Lab ID: 6020518-01RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,1,1,2-Tetrachloroethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Ethylbenzene	**2200**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
m+p Xylenes	**2900**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*C2
o-Xylene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Styrene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Bromoform	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Isopropylbenzene	**880**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	*C2
1,1,2,2-Tetrachloroethane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Bromobenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2,3-Trichloropropane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
n-Propylbenzene	**2500**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
2-Chlorotoluene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
4-Chlorotoluene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,3,5-Trimethylbenzene	**9400**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
tert-Butylbenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2,4-Trimethylbenzene	**27000**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
sec-Butylbenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,3-Dichlorobenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
4-Isopropyltoluene	**1800**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,4-Dichlorobenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2-Dichlorobenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
n-Butylbenzene	**1900**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2-Dibromo-3-Chloropropane	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2,4-Trichlorobenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Hexachlorobutadiene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Naphthalene	**4400**	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
1,2,3-Trichlorobenzene	ND	590	215.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:30	
Surrogate: 1,2-Dichloroethane-d4	*105 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 11:30*	
Surrogate: Toluene-d8	*97.1 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 11:30*	
Surrogate: 4-Bromofluorobenzene	*97.2 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 11:30*	

Client Sample ID SB-1 13-15ft

Lab ID: 6020518-02

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 14:44	
Surrogate: Octacosane	*94.5 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 14:44*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	420	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Chloromethane	ND	280	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Vinyl Chloride	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Bromomethane	ND	280	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Chloroethane	ND	280	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Trichlorofluoromethane	ND	1100	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*F1*C1
Acetone	ND	4200	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Acrylonitrile	ND	220	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Trichlorotrifluoroethane	ND	1100	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*F1*C1
1,1-Dichloroethene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*F1*C1
Methylene Chloride	ND	1400	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Carbon Disulfide	ND	280	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*F1*C1
Methyl-t-Butyl Ether (MTBE)	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
trans-1,2-Dichloroethene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*C1
1,1-Dichloroethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
2-Butanone (MEK)	ND	690	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
2,2-Dichloropropane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
cis-1,2-Dichloroethene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Chloroform	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Tetrahydrofuran	ND	690	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*C1
1,1,1-Trichloroethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Carbon Tetrachloride	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*C1
1,1-Dichloropropene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*C1
Benzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2-Dichloroethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	

Client Sample ID SB-1 13-15ft

Lab ID: 6020518-02

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2-Dichloropropane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Dibromomethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Bromodichloromethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Methyl Isobutyl Ketone	ND	690	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
cis-1,3-Dichloropropene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Toluene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
trans-1,3-Dichloropropene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
2-Hexanone	ND	690	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,1,2-Trichloroethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Tetrachloroethene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*C1
1,3-Dichloropropane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Dibromochloromethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2-Dibromoethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
trans-1,4-Dichloro-2-Butene	ND	690	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Chlorobenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,1,1,2-Tetrachloroethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Ethylbenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
m+p Xylenes	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
o-Xylene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Styrene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Bromoform	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Isopropylbenzene	**210**	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,1,2,2-Tetrachloroethane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Bromobenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2,3-Trichloropropane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
n-Propylbenzene	**1200**	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
2-Chlorotoluene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
4-Chlorotoluene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,3,5-Trimethylbenzene	**2100**	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
tert-Butylbenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2,4-Trimethylbenzene	**220**	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
sec-Butylbenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,3-Dichlorobenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
4-Isopropyltoluene	**330**	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,4-Dichlorobenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2-Dichlorobenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
n-Butylbenzene	**410**	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2-Dibromo-3-Chloropropane	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2,4-Trichlorobenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Hexachlorobutadiene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	*F1*C1

Client Sample ID SB-1 13-15ft

Lab ID: 6020518-02

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**430**	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
1,2,3-Trichlorobenzene	ND	140	50.05	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:28	
Surrogate: 1,2-Dichloroethane-d4	*92.8 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:28*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:28*	
Surrogate: 4-Bromofluorobenzene	*94.8 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:28*	

Client Sample ID SB-2 14-15ft

Lab ID: 6020518-03

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**380**	56	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 15:08	5
Surrogate: Octacosane	*98.5 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 15:08*	

5 C9-C14 Gasoline Range

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	400	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Chloromethane	ND	270	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Vinyl Chloride	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Bromomethane	ND	270	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Chloroethane	ND	270	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Trichlorofluoromethane	ND	1100	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*F1*C1
Acetone	ND	4000	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Acrylonitrile	ND	210	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Trichlorotrifluoroethane	ND	1100	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*F1*C1
1,1-Dichloroethene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*F1*C1
Methylene Chloride	ND	1300	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Carbon Disulfide	ND	270	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*F1*C1
Methyl-t-Butyl Ether (MTBE)	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
trans-1,2-Dichloroethene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*C1
1,1-Dichloroethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
2-Butanone (MEK)	ND	670	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
2,2-Dichloropropane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
cis-1,2-Dichloroethene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Chloroform	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Tetrahydrofuran	ND	670	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*C1
1,1,1-Trichloroethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Carbon Tetrachloride	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*C1
1,1-Dichloropropene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*C1
Benzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2-Dichloroethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	

Client Sample ID SB-2 14-15ft

Lab ID: 6020518-03

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2-Dichloropropane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Dibromomethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Bromodichloromethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Methyl Isobutyl Ketone	ND	670	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
cis-1,3-Dichloropropene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Toluene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
trans-1,3-Dichloropropene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
2-Hexanone	ND	670	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,1,2-Trichloroethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Tetrachloroethene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*C1
1,3-Dichloropropane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Dibromochloromethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2-Dibromoethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
trans-1,4-Dichloro-2-Butene	ND	670	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Chlorobenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,1,1,2-Tetrachloroethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Ethylbenzene	**840**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
m+p Xylenes	**1200**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
o-Xylene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Styrene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Bromoform	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Isopropylbenzene	**950**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,1,2,2-Tetrachloroethane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Bromobenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2,3-Trichloropropane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
n-Propylbenzene	**5600**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
2-Chlorotoluene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
4-Chlorotoluene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,3,5-Trimethylbenzene	**14000**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	E
tert-Butylbenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2,4-Trimethylbenzene	**20000**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	E
sec-Butylbenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,3-Dichlorobenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
4-Isopropyltoluene	**1900**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,4-Dichlorobenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2-Dichlorobenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
n-Butylbenzene	**1500**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2-Dibromo-3-Chloropropane	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2,4-Trichlorobenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Hexachlorobutadiene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	*F1*C1

Client Sample ID SB-2 14-15ft

Lab ID: 6020518-03

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**1100**	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
1,2,3-Trichlorobenzene	ND	130	47.57	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 15:51	
Surrogate: 1,2-Dichloroethane-d4	*91.1 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:51*	
Surrogate: Toluene-d8	*97.0 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:51*	
Surrogate: 4-Bromofluorobenzene	*100 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 15:51*	

Client Sample ID SB-2 14-15ft

Lab ID: 6020518-03RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1600	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*F1
Chloromethane	ND	1100	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Vinyl Chloride	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*C2
Bromomethane	ND	1100	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*C2
Chloroethane	ND	1100	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Trichlorofluoromethane	ND	4300	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Acetone	ND	16000	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Acrylonitrile	ND	850	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Trichlorotrifluoroethane	ND	4300	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,1-Dichloroethene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*F1*C1
Methylene Chloride	ND	5300	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Carbon Disulfide	ND	1100	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*C1
Methyl-t-Butyl Ether (MTBE)	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
trans-1,2-Dichloroethene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,1-Dichloroethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
2-Butanone (MEK)	ND	2700	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
2,2-Dichloropropane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*C2
cis-1,2-Dichloroethene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Chloroform	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Tetrahydrofuran	ND	2700	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,1,1-Trichloroethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Carbon Tetrachloride	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,1-Dichloropropene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Benzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2-Dichloroethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Trichloroethene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2-Dichloropropane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Dibromomethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Bromodichloromethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Methyl Isobutyl Ketone	ND	2700	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
cis-1,3-Dichloropropene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Toluene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
trans-1,3-Dichloropropene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
2-Hexanone	ND	2700	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,1,2-Trichloroethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Tetrachloroethene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,3-Dichloropropane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Dibromochloromethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2-Dibromoethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
trans-1,4-Dichloro-2-Butene	ND	2700	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	

Client Sample ID SB-2 14-15ft

Lab ID: 6020518-03RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,1,1,2-Tetrachloroethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Ethylbenzene	**990**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
m+p Xylenes	**1300**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*C2
o-Xylene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Styrene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Bromoform	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Isopropylbenzene	**1000**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	*C2
1,1,2,2-Tetrachloroethane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Bromobenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2,3-Trichloropropane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
n-Propylbenzene	**6300**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
2-Chlorotoluene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
4-Chlorotoluene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,3,5-Trimethylbenzene	**14000**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
tert-Butylbenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2,4-Trimethylbenzene	**53000**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
sec-Butylbenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,3-Dichlorobenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
4-Isopropyltoluene	**1900**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,4-Dichlorobenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2-Dichlorobenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
n-Butylbenzene	**1700**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2-Dibromo-3-Chloropropane	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2,4-Trichlorobenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Hexachlorobutadiene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Naphthalene	**1700**	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
1,2,3-Trichlorobenzene	ND	530	190.29	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 11:59	
Surrogate: 1,2-Dichloroethane-d4	*106 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 11:59*	
Surrogate: Toluene-d8	*99.0 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 11:59*	
Surrogate: 4-Bromofluorobenzene	*98.9 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 11:59*	

Client Sample ID SB-3 15-17ft

Lab ID: 6020518-04

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 15:31	
Surrogate: Octacosane	*98.2 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 15:31*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	390	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Chloromethane	ND	260	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Vinyl Chloride	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Bromomethane	ND	260	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Chloroethane	ND	260	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Trichlorofluoromethane	ND	1100	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*F1*C1
Acetone	ND	3900	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Acrylonitrile	ND	210	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Trichlorotrifluoroethane	ND	1100	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*F1*C1
1,1-Dichloroethene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*F1*C1
Methylene Chloride	ND	1300	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Carbon Disulfide	ND	260	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*F1*C1
Methyl-t-Butyl Ether (MTBE)	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
trans-1,2-Dichloroethene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*C1
1,1-Dichloroethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
2-Butanone (MEK)	ND	660	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
2,2-Dichloropropane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
cis-1,2-Dichloroethene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Chloroform	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Tetrahydrofuran	ND	660	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*C1
1,1,1-Trichloroethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Carbon Tetrachloride	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*C1
1,1-Dichloropropene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*C1
Benzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2-Dichloroethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	

Client Sample ID SB-3 15-17ft

Lab ID: 6020518-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2-Dichloropropane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Dibromomethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Bromodichloromethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Methyl Isobutyl Ketone	ND	660	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
cis-1,3-Dichloropropene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Toluene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
trans-1,3-Dichloropropene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
2-Hexanone	ND	660	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,1,2-Trichloroethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Tetrachloroethene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*C1
1,3-Dichloropropane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Dibromochloromethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2-Dibromoethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
trans-1,4-Dichloro-2-Butene	ND	660	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Chlorobenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,1,1,2-Tetrachloroethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Ethylbenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
m+p Xylenes	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
o-Xylene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Styrene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Bromoform	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Isopropylbenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,1,2,2-Tetrachloroethane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Bromobenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2,3-Trichloropropane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
n-Propylbenzene	**230**	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
2-Chlorotoluene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
4-Chlorotoluene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,3,5-Trimethylbenzene	**150**	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
tert-Butylbenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2,4-Trimethylbenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
sec-Butylbenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,3-Dichlorobenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
4-Isopropyltoluene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,4-Dichlorobenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2-Dichlorobenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
n-Butylbenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2-Dibromo-3-Chloropropane	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2,4-Trichlorobenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Hexachlorobutadiene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	*F1*C1

Client Sample ID SB-3 15-17ft

Lab ID: 6020518-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
1,2,3-Trichlorobenzene	ND	130	47.26	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:15	
Surrogate: 1,2-Dichloroethane-d4	*87.7 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 16:15*	
Surrogate: Toluene-d8	*98.4 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 16:15*	
Surrogate: 4-Bromofluorobenzene	*94.1 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 16:15*	

Client Sample ID SB-4 12-14ft

Lab ID: 6020518-05

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**210**	55	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 15:55	5
Surrogate: Octacosane	*98.7 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 15:55*	

5 C9-C14 Gasoline Range

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	490	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Chloromethane	ND	330	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Vinyl Chloride	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Bromomethane	ND	330	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Chloroethane	ND	330	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Trichlorofluoromethane	ND	1300	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*F1*C1
Acetone	ND	4900	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Acrylonitrile	ND	260	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Trichlorotrifluoroethane	ND	1300	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*F1*C1
1,1-Dichloroethene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*F1*C1
Methylene Chloride	ND	1600	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Carbon Disulfide	ND	330	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*F1*C1
Methyl-t-Butyl Ether (MTBE)	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
trans-1,2-Dichloroethene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*C1
1,1-Dichloroethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
2-Butanone (MEK)	ND	820	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
2,2-Dichloropropane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
cis-1,2-Dichloroethene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Chloroform	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Tetrahydrofuran	ND	820	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*C1
1,1,1-Trichloroethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Carbon Tetrachloride	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*C1
1,1-Dichloropropene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*C1
Benzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2-Dichloroethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	

Client Sample ID SB-4 12-14ft

Lab ID: 6020518-05

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2-Dichloropropane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Dibromomethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Bromodichloromethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Methyl Isobutyl Ketone	ND	820	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
cis-1,3-Dichloropropene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Toluene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
trans-1,3-Dichloropropene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
2-Hexanone	ND	820	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,1,2-Trichloroethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Tetrachloroethene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*C1
1,3-Dichloropropane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Dibromochloromethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2-Dibromoethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
trans-1,4-Dichloro-2-Butene	ND	820	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Chlorobenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,1,1,2-Tetrachloroethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Ethylbenzene	**2700**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
m+p Xylenes	**5700**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
o-Xylene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Styrene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Bromoform	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Isopropylbenzene	**970**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,1,2,2-Tetrachloroethane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Bromobenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2,3-Trichloropropane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
n-Propylbenzene	**4600**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
2-Chlorotoluene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
4-Chlorotoluene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,3,5-Trimethylbenzene	**11000**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
tert-Butylbenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2,4-Trimethylbenzene	**21000**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	E
sec-Butylbenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,3-Dichlorobenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
4-Isopropyltoluene	**2100**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,4-Dichlorobenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2-Dichlorobenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
n-Butylbenzene	**1800**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2-Dibromo-3-Chloropropane	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2,4-Trichlorobenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Hexachlorobutadiene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	*F1*C1

Client Sample ID SB-4 12-14ft

Lab ID: 6020518-05

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**1800**	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
1,2,3-Trichlorobenzene	ND	160	59.38	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 16:39	
Surrogate: 1,2-Dichloroethane-d4	*98.0 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 16:39*	
Surrogate: Toluene-d8	*95.9 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 16:39*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 16:39*	

Client Sample ID SB-4 12-14ft

Lab ID: 6020518-05RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	2000	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Chloromethane	ND	1300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
Vinyl Chloride	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Bromomethane	ND	1300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
Chloroethane	ND	1300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Trichlorofluoromethane	ND	5200	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Acetone	ND	20000	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
Acrylonitrile	ND	1000	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Trichlorotrifluoroethane	ND	5200	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,1-Dichloroethene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*F1
Methylene Chloride	ND	6500	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Carbon Disulfide	ND	1300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Methyl-t-Butyl Ether (MTBE)	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
trans-1,2-Dichloroethene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,1-Dichloroethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
2-Butanone (MEK)	ND	3300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
2,2-Dichloropropane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
cis-1,2-Dichloroethene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Chloroform	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Tetrahydrofuran	ND	3300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,1,1-Trichloroethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Carbon Tetrachloride	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,1-Dichloropropene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Benzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2-Dichloroethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Trichloroethene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2-Dichloropropane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Dibromomethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Bromodichloromethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Methyl Isobutyl Ketone	ND	3300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
cis-1,3-Dichloropropene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Toluene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
trans-1,3-Dichloropropene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
2-Hexanone	ND	3300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,1,2-Trichloroethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Tetrachloroethene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,3-Dichloropropane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Dibromochloromethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2-Dibromoethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
trans-1,4-Dichloro-2-Butene	ND	3300	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	

Client Sample ID SB-4 12-14ft

Lab ID: 6020518-05RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
1,1,1,2-Tetrachloroethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Ethylbenzene	**3300**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
m+p Xylenes	**6600**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
o-Xylene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Styrene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
Bromoform	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Isopropylbenzene	**1300**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,1,2,2-Tetrachloroethane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Bromobenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2,3-Trichloropropane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
n-Propylbenzene	**6300**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
2-Chlorotoluene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
4-Chlorotoluene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,3,5-Trimethylbenzene	**14000**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
tert-Butylbenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2,4-Trimethylbenzene	**49000**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
sec-Butylbenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,3-Dichlorobenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
4-Isopropyltoluene	**2600**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,4-Dichlorobenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2-Dichlorobenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
n-Butylbenzene	**2800**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2-Dibromo-3-Chloropropane	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2,4-Trichlorobenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
Hexachlorobutadiene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
Naphthalene	**2700**	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	
1,2,3-Trichlorobenzene	ND	650	237.53	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 11:54	*C2
Surrogate: 1,2-Dichloroethane-d4	*98.1 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 11:54*	
Surrogate: Toluene-d8	*115 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 11:54*	
Surrogate: 4-Bromofluorobenzene	*112 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 11:54*	

Client Sample ID SB-5 15-17ft

Lab ID: 6020518-06

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 16:19	
Surrogate: Octacosane	*98.2 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 16:19*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	770	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Chloromethane	ND	520	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Vinyl Chloride	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Bromomethane	ND	520	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Chloroethane	ND	520	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Trichlorofluoromethane	ND	2100	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*F1*C1
Acetone	ND	7700	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Acrylonitrile	ND	410	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Trichlorotrifluoroethane	ND	2100	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*F1*C1
1,1-Dichloroethene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*F1*C1
Methylene Chloride	ND	2600	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Carbon Disulfide	ND	520	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*F1*C1
Methyl-t-Butyl Ether (MTBE)	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
trans-1,2-Dichloroethene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*C1
1,1-Dichloroethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
2-Butanone (MEK)	ND	1300	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
2,2-Dichloropropane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
cis-1,2-Dichloroethene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Chloroform	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Tetrahydrofuran	ND	1300	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*C1
1,1,1-Trichloroethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Carbon Tetrachloride	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*C1
1,1-Dichloropropene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*C1
Benzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2-Dichloroethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	

Client Sample ID SB-5 15-17ft

Lab ID: 6020518-06

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2-Dichloropropane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Dibromomethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Bromodichloromethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Methyl Isobutyl Ketone	ND	1300	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
cis-1,3-Dichloropropene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Toluene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
trans-1,3-Dichloropropene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
2-Hexanone	ND	1300	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,1,2-Trichloroethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Tetrachloroethene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*C1
1,3-Dichloropropane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Dibromochloromethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2-Dibromoethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
trans-1,4-Dichloro-2-Butene	ND	1300	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Chlorobenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,1,1,2-Tetrachloroethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Ethylbenzene	**5500**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
m+p Xylenes	**11000**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
o-Xylene	**890**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Styrene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Bromoform	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Isopropylbenzene	**610**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,1,2,2-Tetrachloroethane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Bromobenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2,3-Trichloropropane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
n-Propylbenzene	**2900**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
2-Chlorotoluene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
4-Chlorotoluene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,3,5-Trimethylbenzene	**6700**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
tert-Butylbenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2,4-Trimethylbenzene	**25000**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	E
sec-Butylbenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,3-Dichlorobenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
4-Isopropyltoluene	**920**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,4-Dichlorobenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2-Dichlorobenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
n-Butylbenzene	**900**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2-Dibromo-3-Chloropropane	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2,4-Trichlorobenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Hexachlorobutadiene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	*F1*C1

Client Sample ID SB-5 15-17ft

Lab ID: 6020518-06

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**3100**	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
1,2,3-Trichlorobenzene	ND	260	92.76	EPA 5035A-H	B6B2926	02/29/2016	02/29/2016 17:02	
Surrogate: 1,2-Dichloroethane-d4	*89.9 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 17:02*	
Surrogate: Toluene-d8	*94.6 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 17:02*	
Surrogate: 4-Bromofluorobenzene	*99.6 %*		*70 - 130*		B6B2926	02/29/2016	*02/29/2016 17:02*	

Client Sample ID SB-5 15-17ft

Lab ID: 6020518-06RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1500	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*F1
Chloromethane	ND	1000	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Vinyl Chloride	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*C2
Bromomethane	ND	1000	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*C2
Chloroethane	ND	1000	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Trichlorofluoromethane	ND	4100	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Acetone	ND	15000	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Acrylonitrile	ND	820	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Trichlorotrifluoroethane	ND	4100	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,1-Dichloroethene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*F1*C1
Methylene Chloride	ND	5200	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Carbon Disulfide	ND	1000	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*C1
Methyl-t-Butyl Ether (MTBE)	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
trans-1,2-Dichloroethene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,1-Dichloroethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
2-Butanone (MEK)	ND	2600	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
2,2-Dichloropropane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*C2
cis-1,2-Dichloroethene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Chloroform	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Tetrahydrofuran	ND	2600	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,1,1-Trichloroethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Carbon Tetrachloride	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,1-Dichloropropene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Benzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2-Dichloroethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Trichloroethene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2-Dichloropropane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Dibromomethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Bromodichloromethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Methyl Isobutyl Ketone	ND	2600	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
cis-1,3-Dichloropropene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Toluene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
trans-1,3-Dichloropropene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
2-Hexanone	ND	2600	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,1,2-Trichloroethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Tetrachloroethene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,3-Dichloropropane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Dibromochloromethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2-Dibromoethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
trans-1,4-Dichloro-2-Butene	ND	2600	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	

Client Sample ID SB-5 15-17ft

Lab ID: 6020518-06RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,1,1,2-Tetrachloroethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Ethylbenzene	**6900**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
m+p Xylenes	**13000**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*C2
o-Xylene	**1100**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Styrene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Bromoform	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Isopropylbenzene	**810**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	*C2
1,1,2,2-Tetrachloroethane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Bromobenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2,3-Trichloropropane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
n-Propylbenzene	**3800**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
2-Chlorotoluene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
4-Chlorotoluene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,3,5-Trimethylbenzene	**8600**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
tert-Butylbenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2,4-Trimethylbenzene	**32000**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
sec-Butylbenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,3-Dichlorobenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
4-Isopropyltoluene	**1300**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,4-Dichlorobenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2-Dichlorobenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
n-Butylbenzene	**1300**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2-Dibromo-3-Chloropropane	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2,4-Trichlorobenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Hexachlorobutadiene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Naphthalene	**3100**	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
1,2,3-Trichlorobenzene	ND	520	185.53	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 12:46	
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 12:46*	
Surrogate: Toluene-d8	*96.6 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 12:46*	
Surrogate: 4-Bromofluorobenzene	*93.6 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 12:46*	

Client Sample ID Trip Blank

Lab ID: 6020518-07

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	*F1
Chloromethane	ND	2.7	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	*F1
Bromomethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	*F1
Chloroethane	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Acetone	ND	50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Acrylonitrile	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Methylene Chloride	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Chloroform	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Benzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Trichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Dibromomethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Toluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
2-Hexanone	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	

Client Sample ID Trip Blank

Lab ID: 6020518-07

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Ethylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
m+p Xylenes	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
o-Xylene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Styrene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Bromoform	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Bromobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Naphthalene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 13:51	
Surrogate: 1,2-Dichloroethane-d4	*95.9 %*		*70 - 130*		B6C0117	03/01/2016	*03/01/2016 13:51*	
Surrogate: Toluene-d8	*98.2 %*		*70 - 130*		B6C0117	03/01/2016	*03/01/2016 13:51*	
Surrogate: 4-Bromofluorobenzene	*96.4 %*		*70 - 130*		B6C0117	03/01/2016	*03/01/2016 13:51*	

QUALITY CONTROL SECTION

Batch B6B2926 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6B2926-BLK1)					Prepared: 2/29/2016 Analyzed: 2/29/2016				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6B2926-BLK1) - Continued					Prepared: 2/29/2016 Analyzed: 2/29/2016				
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*122*	*70 - 130*			
Surrogate: Toluene-d8					*108*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*90.5*	*70 - 130*			
LCS (B6B2926-BS1)					Prepared: 2/29/2016 Analyzed: 2/29/2016				
Dichlorodifluoromethane	42.2	7.5	50.000		84.3	70 - 130			
Chloromethane	51.3	5.0	50.000		103	70 - 130			
Vinyl Chloride	44.7	2.5	50.000		89.4	70 - 130			
Bromomethane	55.0	5.0	50.000		110	70 - 130			
Chloroethane	40.5	5.0	50.000		81.0	70 - 130			
Trichlorofluoromethane	26.6	20	50.000		**53.2**	70 - 130			**L**
Acetone	78.7	75	100.000		78.7	70 - 130			
Acrylonitrile	39.1	4.0	50.000		78.2	70 - 130			
Trichlorotrifluoroethane	28.1	20	50.000		**56.2**	70 - 130			**L**
1,1-Dichloroethene	27.3	2.5	50.000		**54.6**	70 - 130			**L**
Methylene Chloride	35.7	25	50.000		71.4	70 - 130			
Carbon Disulfide	30.3	5.0	50.000		**60.7**	70 - 130			**L**
Methyl-t-Butyl Ether (MTBE)	35.8	2.5	50.000		71.7	70 - 130			
trans-1,2-Dichloroethene	36.8	2.5	50.000		73.6	70 - 130			
1,1-Dichloroethane	42.1	2.5	50.000		84.1	70 - 130			
2-Butanone (MEK)	75.6	13	100.000		75.6	70 - 130			
2,2-Dichloropropane	38.6	2.5	50.000		77.2	70 - 130			
cis-1,2-Dichloroethene	45.2	2.5	50.000		90.4	70 - 130			
Chloroform	43.4	2.5	50.000		86.7	70 - 130			
Tetrahydrofuran	40.1	13	50.000		80.3	70 - 130			
1,1,1-Trichloroethane	36.7	2.5	50.000		73.3	70 - 130			
Carbon Tetrachloride	40.8	2.5	50.000		81.5	70 - 130			
1,1-Dichloropropene	35.3	2.5	50.000		70.7	70 - 130			
Benzene	38.0	2.5	50.000		76.0	70 - 130			
1,2-Dichloroethane	36.7	2.5	50.000		73.4	70 - 130			
Trichloroethene	37.5	2.5	50.000		75.1	70 - 130			
1,2-Dichloropropane	42.0	2.5	50.000		84.0	70 - 130			
Dibromomethane	37.6	2.5	50.000		75.2	70 - 130			
Bromodichloromethane	42.0	2.5	50.000		84.0	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6B2926-BS1) - Continued					Prepared: 2/29/2016 Analyzed: 2/29/2016				
Methyl Isobutyl Ketone	112	13	100.000		112	70 - 130			
cis-1,3-Dichloropropene	38.8	2.5	50.000		77.5	70 - 130			
Toluene	39.2	2.5	50.000		78.4	70 - 130			
trans-1,3-Dichloropropene	37.9	2.5	50.000		75.8	70 - 130			
2-Hexanone	86.4	13	100.000		86.4	70 - 130			
1,1,2-Trichloroethane	36.6	2.5	50.000		73.3	70 - 130			
Tetrachloroethene	36.1	2.5	50.000		72.2	70 - 130			
1,3-Dichloropropane	37.0	2.5	50.000		73.9	70 - 130			
Dibromochloromethane	41.1	2.5	50.000		82.2	70 - 130			
1,2-Dibromoethane	41.8	2.5	50.000		83.6	70 - 130			
trans-1,4-Dichloro-2-Butene	35.0	13	50.000		70.1	70 - 130			
Chlorobenzene	46.2	2.5	50.000		92.5	70 - 130			
1,1,1,2-Tetrachloroethane	42.4	2.5	50.000		84.7	70 - 130			
Ethylbenzene	42.7	2.5	50.000		85.4	70 - 130			
m+p Xylenes	86.7	2.5	100.000		86.7	70 - 130			
o-Xylene	42.5	2.5	50.000		85.0	70 - 130			
Styrene	46.1	2.5	50.000		92.3	70 - 130			
Bromoform	37.3	2.5	50.000		74.5	70 - 130			
Isopropylbenzene	39.4	2.5	50.000		78.7	70 - 130			
1,1,2,2-Tetrachloroethane	35.5	2.5	50.000		70.9	70 - 130			
Bromobenzene	45.1	2.5	50.000		90.1	70 - 130			
1,2,3-Trichloropropane	38.4	2.5	50.000		76.8	70 - 130			
n-Propylbenzene	41.8	2.5	50.000		83.6	70 - 130			
2-Chlorotoluene	44.2	2.5	50.000		88.5	70 - 130			
4-Chlorotoluene	44.5	2.5	50.000		88.9	70 - 130			
1,3,5-Trimethylbenzene	41.3	2.5	50.000		82.6	70 - 130			
tert-Butylbenzene	37.3	2.5	50.000		74.6	70 - 130			
1,2,4-Trimethylbenzene	43.5	2.5	50.000		87.0	70 - 130			
sec-Butylbenzene	38.4	2.5	50.000		76.7	70 - 130			
1,3-Dichlorobenzene	44.8	2.5	50.000		89.6	70 - 130			
4-Isopropyltoluene	39.0	2.5	50.000		77.9	70 - 130			
1,4-Dichlorobenzene	44.4	2.5	50.000		88.8	70 - 130			
1,2-Dichlorobenzene	44.2	2.5	50.000		88.5	70 - 130			
n-Butylbenzene	39.5	2.5	50.000		78.9	70 - 130			
1,2-Dibromo-3-Chloropropane	42.9	2.5	50.000		85.9	70 - 130			
1,2,4-Trichlorobenzene	42.4	2.5	50.000		84.8	70 - 130			
Hexachlorobutadiene	33.6	2.5	50.000		**67.1**	70 - 130			**L**
Naphthalene	38.4	2.5	50.000		76.7	70 - 130			
1,2,3-Trichlorobenzene	44.8	2.5	50.000		89.5	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*100*	*70 - 130*			
Surrogate: Toluene-d8					*100*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*93.1*	*70 - 130*			

Batch B6C0109 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0109-BLK1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
ETPH	ND	50							
Surrogate: Octacosane					*96.1*	*50 - 150*			
LCS (B6C0109-BS1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
ETPH	1390	50	1,500.000		92.7	60 - 120			
Surrogate: Octacosane					*96.3*	*50 - 150*			

Batch B6C0113 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0113-BLK1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0113-BLK1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*96.7*	*70 - 130*			
Surrogate: Toluene-d8					*95.7*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*94.4*	*70 - 130*			
LCS (B6C0113-BS1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	31.1	7.5	50.000		**62.3**	70 - 130			**L**
Chloromethane	43.2	5.0	50.000		86.3	70 - 130			
Vinyl Chloride	39.7	2.5	50.000		79.4	70 - 130			
Bromomethane	52.7	5.0	50.000		105	70 - 130			
Chloroethane	36.5	5.0	50.000		73.1	70 - 130			
Trichlorofluoromethane	49.2	20	50.000		98.5	70 - 130			
Acetone	113	75	100.000		113	70 - 130			
Acrylonitrile	46.5	4.0	50.000		93.0	70 - 130			
Trichlorotrifluoroethane	36.3	20	50.000		72.6	70 - 130			
1,1-Dichloroethene	34.1	2.5	50.000		**68.2**	70 - 130			**L**
Methylene Chloride	42.9	25	50.000		85.8	70 - 130			
Carbon Disulfide	36.2	5.0	50.000		72.4	70 - 130			
Methyl-t-Butyl Ether (MTBE)	51.9	2.5	50.000		104	70 - 130			
trans-1,2-Dichloroethene	41.4	2.5	50.000		82.8	70 - 130			
1,1-Dichloroethane	47.4	2.5	50.000		94.7	70 - 130			
2-Butanone (MEK)	92.1	13	100.000		92.1	70 - 130			
2,2-Dichloropropane	47.8	2.5	50.000		95.6	70 - 130			
cis-1,2-Dichloroethene	49.4	2.5	50.000		98.7	70 - 130			
Chloroform	44.8	2.5	50.000		89.5	70 - 130			
Tetrahydrofuran	46.4	13	50.000		92.8	70 - 130			
1,1,1-Trichloroethane	47.6	2.5	50.000		95.3	70 - 130			
Carbon Tetrachloride	42.7	2.5	50.000		85.4	70 - 130			
1,1-Dichloropropene	41.3	2.5	50.000		82.6	70 - 130			
Benzene	48.3	2.5	50.000		96.7	70 - 130			
1,2-Dichloroethane	50.6	2.5	50.000		101	70 - 130			
Trichloroethene	44.8	2.5	50.000		89.6	70 - 130			
1,2-Dichloropropane	52.4	2.5	50.000		105	70 - 130			
Dibromomethane	51.1	2.5	50.000		102	70 - 130			
Bromodichloromethane	51.6	2.5	50.000		103	70 - 130			
Methyl Isobutyl Ketone	92.9	13	100.000		92.9	70 - 130			
cis-1,3-Dichloropropene	51.5	2.5	50.000		103	70 - 130			
Toluene	43.9	2.5	50.000		87.9	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0113-BS1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
trans-1,3-Dichloropropene	50.3	2.5	50.000		101	70 - 130			
2-Hexanone	96.0	13	100.000		96.0	70 - 130			
1,1,2-Trichloroethane	51.2	2.5	50.000		102	70 - 130			
Tetrachloroethene	41.8	2.5	50.000		83.5	70 - 130			
1,3-Dichloropropane	50.3	2.5	50.000		101	70 - 130			
Dibromochloromethane	56.0	2.5	50.000		112	70 - 130			
1,2-Dibromoethane	48.9	2.5	50.000		97.8	70 - 130			
trans-1,4-Dichloro-2-Butene	47.8	13	50.000		95.5	70 - 130			
Chlorobenzene	53.8	2.5	50.000		108	70 - 130			
1,1,1,2-Tetrachloroethane	56.4	2.5	50.000		113	70 - 130			
Ethylbenzene	49.2	2.5	50.000		98.4	70 - 130			
m+p Xylenes	103	2.5	100.000		103	70 - 130			
o-Xylene	50.9	2.5	50.000		102	70 - 130			
Styrene	53.0	2.5	50.000		106	70 - 130			
Bromoform	50.9	2.5	50.000		102	70 - 130			
Isopropylbenzene	48.0	2.5	50.000		96.0	70 - 130			
1,1,2,2-Tetrachloroethane	49.4	2.5	50.000		98.8	70 - 130			
Bromobenzene	55.1	2.5	50.000		110	70 - 130			
1,2,3-Trichloropropane	55.8	2.5	50.000		112	70 - 130			
n-Propylbenzene	52.3	2.5	50.000		105	70 - 130			
2-Chlorotoluene	54.4	2.5	50.000		109	70 - 130			
4-Chlorotoluene	54.2	2.5	50.000		108	70 - 130			
1,3,5-Trimethylbenzene	53.2	2.5	50.000		106	70 - 130			
tert-Butylbenzene	47.4	2.5	50.000		94.8	70 - 130			
1,2,4-Trimethylbenzene	53.1	2.5	50.000		106	70 - 130			
sec-Butylbenzene	49.9	2.5	50.000		99.8	70 - 130			
1,3-Dichlorobenzene	54.1	2.5	50.000		108	70 - 130			
4-Isopropyltoluene	51.3	2.5	50.000		103	70 - 130			
1,4-Dichlorobenzene	53.7	2.5	50.000		107	70 - 130			
1,2-Dichlorobenzene	54.9	2.5	50.000		110	70 - 130			
n-Butylbenzene	50.7	2.5	50.000		101	70 - 130			
1,2-Dibromo-3-Chloropropane	50.5	2.5	50.000		101	70 - 130			
1,2,4-Trichlorobenzene	53.0	2.5	50.000		106	70 - 130			
Hexachlorobutadiene	46.5	2.5	50.000		93.1	70 - 130			
Naphthalene	47.3	2.5	50.000		94.7	70 - 130			
1,2,3-Trichlorobenzene	53.2	2.5	50.000		106	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*105*	*70 - 130*			
Surrogate: Toluene-d8					*84.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*105*	*70 - 130*			

Batch B6C0117 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0117-BLK1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0117-BLK1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*99.0*	*70 - 130*			
Surrogate: Toluene-d8					*98.4*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*96.0*	*70 - 130*			
LCS (B6C0117-BS1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	33.0	10	50.000		**66.1**	70 - 130			**L**
Chloromethane	42.4	2.7	50.000		84.8	70 - 130			
Vinyl Chloride	28.2	1.6	50.000		**56.3**	70 - 130			**L**
Bromomethane	33.3	1.0	50.000		**66.7**	70 - 130			**L**
Chloroethane	52.3	5.0	50.000		105	70 - 130			
Trichlorofluoromethane	49.8	25	50.000		99.7	70 - 130			
Acetone	111	50	100.000		111	70 - 130			
Acrylonitrile	46.1	0.50	50.000		92.1	70 - 130			
Trichlorotrifluoroethane	62.8	25	50.000		126	70 - 130			
1,1-Dichloroethene	56.8	1.0	50.000		114	70 - 130			
Methylene Chloride	49.5	5.0	50.000		99.0	70 - 130			
Carbon Disulfide	55.9	1.0	50.000		112	70 - 130			
Methyl-t-Butyl Ether (MTBE)	51.0	5.0	50.000		102	70 - 130			
trans-1,2-Dichloroethene	50.5	1.0	50.000		101	70 - 130			
1,1-Dichloroethane	54.9	1.0	50.000		110	70 - 130			
2-Butanone (MEK)	99.2	25	100.000		99.2	70 - 130			
2,2-Dichloropropane	52.2	1.0	50.000		104	70 - 130			
cis-1,2-Dichloroethene	48.5	1.0	50.000		96.9	70 - 130			
Chloroform	49.5	1.0	50.000		99.1	70 - 130			
Tetrahydrofuran	43.9	5.0	50.000		87.7	70 - 130			
1,1,1-Trichloroethane	53.0	1.0	50.000		106	70 - 130			
Carbon Tetrachloride	50.6	1.0	50.000		101	70 - 130			
1,1-Dichloropropene	49.0	1.0	50.000		98.0	70 - 130			
Benzene	48.1	1.0	50.000		96.1	70 - 130			
1,2-Dichloroethane	50.8	1.0	50.000		102	70 - 130			
Trichloroethene	47.1	1.0	50.000		94.2	70 - 130			
1,2-Dichloropropane	46.6	1.0	50.000		93.2	70 - 130			
Dibromomethane	48.0	1.0	50.000		95.9	70 - 130			
Bromodichloromethane	50.1	0.50	50.000		100	70 - 130			
Methyl Isobutyl Ketone	95.0	25	100.000		95.0	70 - 130			
cis-1,3-Dichloropropene	47.2	0.50	50.000		94.5	70 - 130			
Toluene	46.9	1.0	50.000		93.9	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0117-BS1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
trans-1,3-Dichloropropene	48.1	0.50	50.000		96.1	70 - 130			
2-Hexanone	98.6	25	100.000		98.6	70 - 130			
1,1,2-Trichloroethane	48.6	1.0	50.000		97.2	70 - 130			
Tetrachloroethene	48.7	1.0	50.000		97.3	70 - 130			
1,3-Dichloropropane	47.3	0.50	50.000		94.7	70 - 130			
Dibromochloromethane	48.6	0.50	50.000		97.3	70 - 130			
1,2-Dibromoethane	47.0	0.50	50.000		93.9	70 - 130			
trans-1,4-Dichloro-2-Butene	47.0	10	50.000		94.1	70 - 130			
Chlorobenzene	48.5	1.0	50.000		96.9	70 - 130			
1,1,1,2-Tetrachloroethane	48.2	1.0	50.000		96.3	70 - 130			
Ethylbenzene	48.6	1.0	50.000		97.2	70 - 130			
m+p Xylenes	98.0	1.0	100.000		98.0	70 - 130			
o-Xylene	49.0	1.0	50.000		98.0	70 - 130			
Styrene	50.8	1.0	50.000		102	70 - 130			
Bromoform	50.1	1.0	50.000		100	70 - 130			
Isopropylbenzene	49.1	1.0	50.000		98.2	70 - 130			
1,1,2,2-Tetrachloroethane	47.3	0.50	50.000		94.6	70 - 130			
Bromobenzene	47.0	1.0	50.000		94.1	70 - 130			
1,2,3-Trichloropropane	46.2	1.0	50.000		92.3	70 - 130			
n-Propylbenzene	48.5	1.0	50.000		96.9	70 - 130			
2-Chlorotoluene	49.0	1.0	50.000		97.9	70 - 130			
4-Chlorotoluene	48.9	1.0	50.000		97.8	70 - 130			
1,3,5-Trimethylbenzene	48.1	1.0	50.000		96.1	70 - 130			
tert-Butylbenzene	48.3	1.0	50.000		96.6	70 - 130			
1,2,4-Trimethylbenzene	48.4	1.0	50.000		96.8	70 - 130			
sec-Butylbenzene	48.4	1.0	50.000		96.8	70 - 130			
1,3-Dichlorobenzene	48.0	1.0	50.000		96.0	70 - 130			
4-Isopropyltoluene	48.4	1.0	50.000		96.9	70 - 130			
1,4-Dichlorobenzene	48.2	1.0	50.000		96.4	70 - 130			
1,2-Dichlorobenzene	48.8	1.0	50.000		97.6	70 - 130			
n-Butylbenzene	50.3	1.0	50.000		101	70 - 130			
1,2-Dibromo-3-Chloropropane	46.8	1.0	50.000		93.5	70 - 130			
1,2,4-Trichlorobenzene	48.4	1.0	50.000		96.8	70 - 130			
Hexachlorobutadiene	46.8	0.45	50.000		93.6	70 - 130			
Naphthalene	48.6	1.0	50.000		97.3	70 - 130			
1,2,3-Trichlorobenzene	47.3	1.0	50.000		94.6	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*101*	*70 - 130*			
Surrogate: Toluene-d8					*98.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*101*	*70 - 130*			

CET # : 6020518
Project: Steves Gas, Middletown
Project Number: M-1185

Batch B6C0120 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0120-BLK1)					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Lead	ND	2.0							
LCS (B6C0120-BS1)					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Lead	25.1	2.0	25.000		100	80 - 120			

Batch B6C0209 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0209-BLK1)					Prepared: 3/2/2016 Analyzed: 3/2/2016				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0209-BLK1) - Continued					Prepared: 3/2/2016 Analyzed: 3/2/2016				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*105*	*70 - 130*			
Surrogate: Toluene-d8					*97.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*92.7*	*70 - 130*			
LCS (B6C0209-BS1)					Prepared: 3/2/2016 Analyzed: 3/2/2016				
Dichlorodifluoromethane	50.4	7.5	50.000		101	70 - 130			
Chloromethane	50.9	5.0	50.000		102	70 - 130			
Vinyl Chloride	48.1	2.5	50.000		96.2	70 - 130			
Bromomethane	57.0	5.0	50.000		114	70 - 130			
Chloroethane	41.1	5.0	50.000		82.1	70 - 130			
Trichlorofluoromethane	36.8	20	50.000		73.6	70 - 130			
Acetone	124	75	100.000		124	70 - 130			
Acrylonitrile	43.4	4.0	50.000		86.8	70 - 130			
Trichlorotrifluoroethane	35.2	20	50.000		70.3	70 - 130			
1,1-Dichloroethene	33.5	2.5	50.000		**67.0**	70 - 130			**L**
Methylene Chloride	43.4	25	50.000		86.8	70 - 130			
Carbon Disulfide	35.5	5.0	50.000		70.9	70 - 130			
Methyl-t-Butyl Ether (MTBE)	52.0	2.5	50.000		104	70 - 130			
trans-1,2-Dichloroethene	40.9	2.5	50.000		81.7	70 - 130			
1,1-Dichloroethane	47.8	2.5	50.000		95.6	70 - 130			
2-Butanone (MEK)	93.5	13	100.000		93.5	70 - 130			
2,2-Dichloropropane	50.3	2.5	50.000		101	70 - 130			
cis-1,2-Dichloroethene	53.9	2.5	50.000		108	70 - 130			
Chloroform	49.1	2.5	50.000		98.1	70 - 130			
Tetrahydrofuran	47.3	13	50.000		94.5	70 - 130			
1,1,1-Trichloroethane	52.5	2.5	50.000		105	70 - 130			
Carbon Tetrachloride	44.5	2.5	50.000		89.0	70 - 130			
1,1-Dichloropropene	42.3	2.5	50.000		84.5	70 - 130			
Benzene	49.9	2.5	50.000		99.8	70 - 130			
1,2-Dichloroethane	50.7	2.5	50.000		101	70 - 130			
Trichloroethene	45.7	2.5	50.000		91.3	70 - 130			
1,2-Dichloropropane	59.6	2.5	50.000		119	70 - 130			
Dibromomethane	50.4	2.5	50.000		101	70 - 130			
Bromodichloromethane	59.3	2.5	50.000		119	70 - 130			
Methyl Isobutyl Ketone	98.8	13	100.000		98.8	70 - 130			
cis-1,3-Dichloropropene	53.7	2.5	50.000		107	70 - 130			
Toluene	50.1	2.5	50.000		100	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0209-BS1) - Continued					Prepared: 3/2/2016 Analyzed: 3/2/2016				
trans-1,3-Dichloropropene	56.6	2.5	50.000		113	70 - 130			
2-Hexanone	102	13	100.000		102	70 - 130			
1,1,2-Trichloroethane	54.5	2.5	50.000		109	70 - 130			
Tetrachloroethene	43.2	2.5	50.000		86.4	70 - 130			
1,3-Dichloropropane	54.1	2.5	50.000		108	70 - 130			
Dibromochloromethane	58.7	2.5	50.000		117	70 - 130			
1,2-Dibromoethane	54.6	2.5	50.000		109	70 - 130			
trans-1,4-Dichloro-2-Butene	45.7	13	50.000		91.3	70 - 130			
Chlorobenzene	60.2	2.5	50.000		120	70 - 130			
1,1,1,2-Tetrachloroethane	62.2	2.5	50.000		124	70 - 130			
Ethylbenzene	55.6	2.5	50.000		111	70 - 130			
m+p Xylenes	114	2.5	100.000		114	70 - 130			
o-Xylene	57.7	2.5	50.000		115	70 - 130			
Styrene	61.4	2.5	50.000		123	70 - 130			
Bromoform	53.0	2.5	50.000		106	70 - 130			
Isopropylbenzene	51.3	2.5	50.000		103	70 - 130			
1,1,2,2-Tetrachloroethane	44.8	2.5	50.000		89.7	70 - 130			
Bromobenzene	52.8	2.5	50.000		106	70 - 130			
1,2,3-Trichloropropane	48.7	2.5	50.000		97.3	70 - 130			
n-Propylbenzene	49.3	2.5	50.000		98.5	70 - 130			
2-Chlorotoluene	53.9	2.5	50.000		108	70 - 130			
4-Chlorotoluene	54.5	2.5	50.000		109	70 - 130			
1,3,5-Trimethylbenzene	50.2	2.5	50.000		100	70 - 130			
tert-Butylbenzene	47.9	2.5	50.000		95.9	70 - 130			
1,2,4-Trimethylbenzene	55.8	2.5	50.000		112	70 - 130			
sec-Butylbenzene	49.7	2.5	50.000		99.3	70 - 130			
1,3-Dichlorobenzene	60.0	2.5	50.000		120	70 - 130			
4-Isopropyltoluene	48.2	2.5	50.000		96.5	70 - 130			
1,4-Dichlorobenzene	59.8	2.5	50.000		120	70 - 130			
1,2-Dichlorobenzene	61.4	2.5	50.000		123	70 - 130			
n-Butylbenzene	54.4	2.5	50.000		109	70 - 130			
1,2-Dibromo-3-Chloropropane	53.0	2.5	50.000		106	70 - 130			
1,2,4-Trichlorobenzene	61.4	2.5	50.000		123	70 - 130			
Hexachlorobutadiene	50.9	2.5	50.000		102	70 - 130			
Naphthalene	46.7	2.5	50.000		93.3	70 - 130			
1,2,3-Trichlorobenzene	56.8	2.5	50.000		114	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*88.6*	*70 - 130*			
Surrogate: Toluene-d8					*96.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*84.2*	*70 - 130*			

CET # : 6020518
Project: Steves Gas, Middletown
Project Number: M-1185

Batch B6C0309 - EPA 6020A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0309-BLK1)					Prepared: 3/3/2016 Analyzed: 3/8/2016				
Lead	ND	0.013							
LCS (B6C0309-BS1)					Prepared: 3/3/2016 Analyzed: 3/8/2016				
Lead	0.198	0.013	0.200		99.2	80 - 120			

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
New York Certification 11982
Rhode Island Certification 199

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogenity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 6010C in Soil	
Lead	CT,NY
EPA 6020A in Soil	
Lead	NY,CT
EPA 8260C in Soil	
Dichlorodifluoromethane	CT,NY
Chloromethane	CT,NY
Vinyl Chloride	CT,NY
Bromomethane	CT,NY
Chloroethane	CT,NY
Trichlorofluoromethane	CT,NY
Acetone	CT,NY
Acrylonitrile	CT,NY
Trichlorotrifluoroethane	CT,NY
1,1-Dichloroethene	CT,NY
Methylene Chloride	CT,NY
Carbon Disulfide	CT,NY
Methyl-t-Butyl Ether (MTBE)	CT,NY
trans-1,2-Dichloroethene	CT,NY
1,1-Dichloroethane	CT,NY
2-Butanone (MEK)	CT,NY
2,2-Dichloropropane	CT,NY
cis-1,2-Dichloroethene	CT,NY
Chloroform	CT,NY
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY
Carbon Tetrachloride	CT,NY
1,1-Dichloropropene	CT,NY
Benzene	CT,NY
1,2-Dichloroethane	CT,NY
Trichloroethene	CT,NY
1,2-Dichloropropane	CT,NY
Dibromomethane	CT,NY
Bromodichloromethane	CT,NY
Methyl Isobutyl Ketone	CT,NY
cis-1,3-Dichloropropene	CT,NY
Toluene	CT,NY
trans-1,3-Dichloropropene	CT,NY
2-Hexanone	CT,NY
1,1,2-Trichloroethane	CT,NY
Tetrachloroethene	CT,NY
1,3-Dichloropropane	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
Dibromochloromethane	CT,NY
1,2-Dibromoethane	CT,NY
trans-1,4-Dichloro-2-Butene	CT,NY
Chlorobenzene	CT,NY
1,1,1,2-Tetrachloroethane	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Bromoform	CT,NY
Isopropylbenzene	CT,NY
1,1,2,2-Tetrachloroethane	CT,NY
Bromobenzene	CT,NY
1,2,3-Trichloropropane	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2-Dibromo-3-Chloropropane	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT
EPA 8260C in Water	
Dichlorodifluoromethane	CT,NY
Chloromethane	CT,NY
Vinyl Chloride	CT,NY
Bromomethane	CT,NY
Chloroethane	CT,NY
Trichlorofluoromethane	CT,NY
Acetone	CT,NY
Acrylonitrile	CT,NY
Trichlorotrifluoroethane	CT,NY
1,1-Dichloroethene	CT,NY
Methylene Chloride	CT,NY
Carbon Disulfide	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
Methyl-t-Butyl Ether (MTBE)	CT,NY
trans-1,2-Dichloroethene	CT,NY
1,1-Dichloroethane	CT,NY
2-Butanone (MEK)	CT,NY
2,2-Dichloropropane	CT,NY
cis-1,2-Dichloroethene	CT,NY
Chloroform	CT,NY
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY
Carbon Tetrachloride	CT,NY
1,1-Dichloropropene	CT,NY
Benzene	CT,NY
1,2-Dichloroethane	CT,NY
Trichloroethene	CT,NY
1,2-Dichloropropane	CT,NY
Dibromomethane	CT,NY
Bromodichloromethane	CT,NY
Methyl Isobutyl Ketone	CT,NY
cis-1,3-Dichloropropene	CT,NY
Toluene	CT,NY
trans-1,3-Dichloropropene	CT,NY
2-Hexanone	CT,NY
1,1,2-Trichloroethane	CT,NY
Tetrachloroethene	CT,NY
1,3-Dichloropropane	CT,NY
Dibromochloromethane	CT,NY
1,2-Dibromoethane	CT,NY
trans-1,4-Dichloro-2-Butene	CT,NY
Chlorobenzene	CT,NY
1,1,1,2-Tetrachloroethane	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Bromoform	CT,NY
Isopropylbenzene	CT,NY
1,1,2,2-Tetrachloroethane	CT,NY
Bromobenzene	CT
1,2,3-Trichloropropane	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2-Dibromo-3-Chloropropane	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2016
NY	New York Certification (NELAC)	11982	04/01/2016

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

6020518

OF CUSTODY RECORD

CET #

Volatile Soils Only:

Date and Time in Freezer

Client:

CET: 2/26/16 1700

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Total Lead	SPLP Lead	TOTAL # OF CONT.	NOTE #
SB-E 8-10'	2/25/16 0730	S				X			HOLD																4	
SB-E 13-15'	2/25/16 0745	S				X	X			X													X	X	4	
SB-1 13-15'	0930	S				X	X			X													X	X	6	
SB-2 14-15'	1030	S				X	X			X													X		6	
SB-3 15-17'	1130	S				X	X			X													X	X	6	
SB-4 12-14'	1230	S				X	X			X													X		6	
SB-5 15-17'	1330	S				X	X			X													X		6	
~~FB~~ Trip Blank						X	X			X													X	X	2	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)							O			O		O											O	O		
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)							V			G		G											G	G	4	
Soil VOCs Only (M=MeOH, B= Sodium Bisulfate, W=Water, F= Empty Vial, E=Encore)							M F																			

RELINQUISHED BY: DATE/TIME: 2/26/16 1540 RECEIVED BY:

RELINQUISHED BY: DATE/TIME: 2/26/16 1600 RECEIVED BY:

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: HOLD Remaining Sample (extras)

Client / Reporting Information

Company Name: ~~Tighe~~ Tighe & Bond

Address: 213 Court St Middletown CT

City: State: Zip:

Report To: Amy Vaillancourt E-mail: AJVaillancourt@tighebond.com

Phone # Fax #

Project Information

Project Contact: Amy Vaillancourt PO #: M-1185

Project: Steve's Gas Station Project #: M-1185

Location: Middletown, CT Collector(s): DRA

QA/QC: [X] Std [ ] Site Specific (MS/MSD) * [ ] RCP Pkg * [ ] DQAW *

Data Report: [X] Email [X] PDF [X] Excel [ ] Other

RSR Reporting Limits (check one): [ ] GA [X] GB [ ] SWP [ ] Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4.1 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 12/11

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
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e-mail: cet1@cetlabs.com

Client: Ms. Amy Vaillancourt
Tighe & Bond
213 Court St Suite 900
Middletown, CT 06457

Analytical Report

CET# 6020535

Report Date:March 09, 2016
Project: Steves Gas, Middletown
Project Number: M-1185
PO Number: M-1185

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate: M-CT903

New York Certification: 11982
Rhode Island Certification: 199

SAMPLE SUMMARY

The sample(s) were received at 2.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
SB-6 8-10ft	6020535-01	Soil	2/26/2016 8:30	02/29/2016
SB-7 13-15ft	6020535-02	Soil	2/26/2016 10:30	02/29/2016
SB-8 15-17ft	6020535-03	Soil	2/26/2016 11:00	02/29/2016
SB-12 12-14ft	6020535-04	Soil	2/26/2016 12:30	02/29/2016
SB-13 13-15ft	6020535-05	Soil	2/26/2016 13:30	02/29/2016
SB-DUP	6020535-06	Soil	2/26/2016 11:01	02/29/2016
Trip Blank	6020535-07	Water	2/26/2016	02/29/2016

Analyte: Total Solids [EPA 160.3 modified]

Analyst: MH

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6020535-01	SB-6 8-10ft	**91**	1.0	%	1	B6C0110	03/01/2016	03/01/2016 10:14	
6020535-02	SB-7 13-15ft	**91**	1.0	%	1	B6C0110	03/01/2016	03/01/2016 10:14	
6020535-03	SB-8 15-17ft	**87**	1.0	%	1	B6C0110	03/01/2016	03/01/2016 10:14	
6020535-04	SB-12 12-14ft	**89**	1.0	%	1	B6C0110	03/01/2016	03/01/2016 10:14	
6020535-05	SB-13 13-15ft	**91**	1.0	%	1	B6C0110	03/01/2016	03/01/2016 10:14	
6020535-06	SB-DUP	**86**	1.0	%	1	B6C0110	03/01/2016	03/01/2016 10:14	

Analyte: Mercury [EPA 7471B]

Analyst: KP

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6020535-03	SB-8 15-17ft	ND	0.23	mg/kg dry	1	B6C0219	03/02/2016	03/03/2016 15:14	
6020535-06	SB-DUP	ND	0.23	mg/kg dry	1	B6C0219	03/02/2016	03/03/2016 15:17	

Analyte: Total Lead [EPA 6010C]

Prep: EPA 3050B

Analyst: SS

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6020535-01	SB-6 8-10ft	**9.1**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 14:05	
6020535-02	SB-7 13-15ft	**6.0**	2.2	mg/kg dry	1	B6C0120	03/01/2016	03/03/2016 14:09	

Client Sample ID SB-6 8-10ft

Lab ID: 6020535-01

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**110**	55	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 20:16	5
Surrogate: Octacosane	*93.5 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 20:16*	

5 C9-C14 Gasoline Range

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1800	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*F1
Chloromethane	ND	1200	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Vinyl Chloride	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*C2
Bromomethane	ND	1200	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*C2
Chloroethane	ND	1200	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Trichlorofluoromethane	ND	4900	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Acetone	ND	18000	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Acrylonitrile	ND	980	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Trichlorotrifluoroethane	ND	4900	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,1-Dichloroethene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*F1*C1
Methylene Chloride	ND	6100	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Carbon Disulfide	ND	1200	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*C1
Methyl-t-Butyl Ether (MTBE)	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
trans-1,2-Dichloroethene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,1-Dichloroethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
2-Butanone (MEK)	ND	3100	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
2,2-Dichloropropane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*C2
cis-1,2-Dichloroethene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Chloroform	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Tetrahydrofuran	ND	3100	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,1,1-Trichloroethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Carbon Tetrachloride	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,1-Dichloropropene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Benzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2-Dichloroethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	

Client Sample ID SB-6 8-10ft

Lab ID: 6020535-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2-Dichloropropane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Dibromomethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Bromodichloromethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Methyl Isobutyl Ketone	ND	3100	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
cis-1,3-Dichloropropene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Toluene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
trans-1,3-Dichloropropene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
2-Hexanone	ND	3100	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,1,2-Trichloroethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Tetrachloroethene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,3-Dichloropropane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Dibromochloromethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2-Dibromoethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
trans-1,4-Dichloro-2-Butene	ND	3100	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Chlorobenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,1,1,2-Tetrachloroethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Ethylbenzene	**20000**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
m+p Xylenes	**120000**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*C2
o-Xylene	**32000**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Styrene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Bromoform	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Isopropylbenzene	**2100**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	*C2
1,1,2,2-Tetrachloroethane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Bromobenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2,3-Trichloropropane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
n-Propylbenzene	**8800**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
2-Chlorotoluene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
4-Chlorotoluene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,3,5-Trimethylbenzene	**18000**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
tert-Butylbenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2,4-Trimethylbenzene	**62000**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
sec-Butylbenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,3-Dichlorobenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
4-Isopropyltoluene	**1200**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,4-Dichlorobenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2-Dichlorobenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
n-Butylbenzene	**1200**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2-Dibromo-3-Chloropropane	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2,4-Trichlorobenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Hexachlorobutadiene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	

Client Sample ID SB-6 8-10ft

Lab ID: 6020535-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**2000**	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
1,2,3-Trichlorobenzene	ND	610	223.46	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:09	
Surrogate: 1,2-Dichloroethane-d4	*103 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:09*	
Surrogate: Toluene-d8	*93.9 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:09*	
Surrogate: 4-Bromofluorobenzene	*105 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:09*	

Client Sample ID SB-7 13-15ft

Lab ID: 6020535-02

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 20:39	
Surrogate: Octacosane	*93.9 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 20:39*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	460	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*F1
Chloromethane	ND	300	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Vinyl Chloride	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*C2
Bromomethane	ND	300	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*C2
Chloroethane	ND	300	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Trichlorofluoromethane	ND	1200	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Acetone	ND	4600	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Acrylonitrile	ND	240	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Trichlorotrifluoroethane	ND	1200	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,1-Dichloroethene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*F1*C1
Methylene Chloride	ND	1500	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Carbon Disulfide	ND	300	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*C1
Methyl-t-Butyl Ether (MTBE)	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
trans-1,2-Dichloroethene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,1-Dichloroethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
2-Butanone (MEK)	ND	760	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
2,2-Dichloropropane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*C2
cis-1,2-Dichloroethene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Chloroform	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Tetrahydrofuran	ND	760	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,1,1-Trichloroethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Carbon Tetrachloride	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,1-Dichloropropene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Benzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2-Dichloroethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	

Client Sample ID SB-7 13-15ft

Lab ID: 6020535-02

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2-Dichloropropane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Dibromomethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Bromodichloromethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Methyl Isobutyl Ketone	ND	760	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
cis-1,3-Dichloropropene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Toluene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
trans-1,3-Dichloropropene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
2-Hexanone	ND	760	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,1,2-Trichloroethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Tetrachloroethene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,3-Dichloropropane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Dibromochloromethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2-Dibromoethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
trans-1,4-Dichloro-2-Butene	ND	760	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Chlorobenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,1,1,2-Tetrachloroethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Ethylbenzene	**1700**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
m+p Xylenes	**6200**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*C2
o-Xylene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Styrene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Bromoform	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Isopropylbenzene	**260**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	*C2
1,1,2,2-Tetrachloroethane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Bromobenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2,3-Trichloropropane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
n-Propylbenzene	**1100**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
2-Chlorotoluene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
4-Chlorotoluene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,3,5-Trimethylbenzene	**2400**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
tert-Butylbenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2,4-Trimethylbenzene	**7700**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
sec-Butylbenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,3-Dichlorobenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
4-Isopropyltoluene	**280**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,4-Dichlorobenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2-Dichlorobenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
n-Butylbenzene	**270**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2-Dibromo-3-Chloropropane	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2,4-Trichlorobenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Hexachlorobutadiene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	

Client Sample ID SB-7 13-15ft

Lab ID: 6020535-02

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**640**	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
1,2,3-Trichlorobenzene	ND	150	55.31	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:33	
Surrogate: 1,2-Dichloroethane-d4	*95.2 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:33*	
Surrogate: Toluene-d8	*95.1 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:33*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:33*	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**13**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Selenium	**1.6**	1.1	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Cadmium	ND	0.57	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Chromium	**10**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Arsenic	**1.5**	1.1	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Barium	**38**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Silver	ND	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Copper	**13**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Nickel	**7.6**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Zinc	**22**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Beryllium	ND	1.1	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Antimony	ND	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Thallium	ND	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	
Vanadium	**26**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:14	

SPLP Metals **Analyst: SS**

Method: EPA 6020A-1312 **Matrix: Extract**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**0.026**	0.013	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Selenium	ND	0.010	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Cadmium	ND	0.0050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Chromium	ND	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Arsenic	ND	0.0090	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Barium	**0.24**	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Silver	ND	0.020	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Copper	**0.045**	0.040	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Nickel	ND	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Zinc	**0.074**	0.020	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Beryllium	ND	0.0040	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Antimony	ND	0.0060	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Thallium	ND	0.0050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	
Vanadium	**0.053**	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03

SPLP Metals **Analyst: SS**

Method: EPA 6020A-1312 **Matrix: Extract**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.0020	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:43	

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**580**	57	1	EPA 3550C	B6C0109	03/01/2016	03/01/2016 21:03	5
Surrogate: Octacosane	*92.8 %*	*50 - 150*			B6C0109	03/01/2016	*03/01/2016 21:03*	

5 C9-C14 Gasoline Range

PCBs by ASE **Analyst: SJ**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
PCB-1221	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
PCB-1232	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
PCB-1242	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
PCB-1248	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
PCB-1254	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
PCB-1260	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
PCB-1268	ND	0.23	1	EPA 3545A	B6C0302	03/03/2016	03/04/2016 15:13	
Surrogate: TCMX	*82.5 %*	*30 - 150*			B6C0302	03/03/2016	*03/04/2016 15:13*	
Surrogate: DCB	*95.3 %*	*30 - 150*			B6C0302	03/03/2016	*03/04/2016 15:13*	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
1,3-Dichlorobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
n-Nitroso-di-n-propylamine	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Pyridine	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
n-Nitroso-dimethylamine	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
bis(2-Chloroethyl)ether	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Aniline	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	*F2*C2
2-Chlorophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
1,4-Dichlorobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Benzyl Alcohol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
1,2-Dichlorobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
bis(2-Chloroisopropyl)ether	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Hexachloroethane	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2-Methyl Phenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
3+4 Methyl Phenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Naphthalene	**5700**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2-Nitrophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2,4-Dichlorophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Hexachlorobutadiene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
4-Chloro-3-methylphenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Nitrobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Isophorone	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2,4-Dimethylphenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
bis(2-Chloroethoxy)methane	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Benzoic Acid	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
1,2,4-Trichlorobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2,6-Dichlorophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
4-Chloroaniline	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	*F2*C2
1,2,4,5-Tetrachlorobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2-Methyl Naphthalene	**3700**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Acenaphthylene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Acenaphthene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Dibenzofuran	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Fluorene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Hexachlorocyclopentadiene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2,4,6-Trichlorophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2,4,5-Trichlorophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
4-Nitrophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2-Chloronaphthalene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2-Nitroaniline	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Dimethylphthalate	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2,6-Dinitrotoluene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
4-Nitroaniline	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	*F2
2,4-Dinitrotoluene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
2,3,4,6-Tetrachlorophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
4-Chlorophenyl-phenylether	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Diethylphthalate	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Phenanthrene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Anthracene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Carbazole	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	*F2
Fluoranthene	**890**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Pyrene	**810**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
n-Nitrosodiphenylamine	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	*C2
Pentachlorophenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
3-Nitroaniline	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	*F2*C2
4,6-Dinitro-2-methylphenol	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
1,2-Diphenylhydrazine	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
4-Bromophenyl-phenylether	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Hexachlorobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Di-n-butylphthalate	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Pentachloronitrobenzene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Benzo[a]anthracene	**480**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Chrysene	**440**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Butylbenzylphthalate	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
3,3-Dichlorobenzidine	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	*F2
bis(2-Ethylhexyl)phthalate	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Di-n-octylphthalate	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Benzo[b]fluoranthene	**550**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Benzo[k]fluoranthene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Benzo[a]pyrene	**470**	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Indeno[1,2,3-cd]pyrene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Dibenz[a,h]anthracene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Benzo[g,h,i]perylene	ND	340	1	EPA 3545A	B6C0101	03/01/2016	03/03/2016 21:41	
Surrogate: 2-Fluorophenol	*51.5 %*	*30 - 130*			B6C0101	03/01/2016	*03/03/2016 21:41*	
Surrogate: Phenol-d6	*54.3 %*	*30 - 130*			B6C0101	03/01/2016	*03/03/2016 21:41*	
Surrogate: Nitrobenzene-d5	*14.5 %*	*30 - 130*			B6C0101	03/01/2016	*03/03/2016 21:41*	**L**

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 2-Fluorobiphenyl	*67.3 %*	*30 - 130*			B6C0101	03/01/2016	*03/03/2016 21:41*	
Surrogate: 2,4,6-Tribromophenol	*53.5 %*	*30 - 130*			B6C0101	03/01/2016	*03/03/2016 21:41*	
Surrogate: Terphenyl-d14	*70.6 %*	*30 - 130*			B6C0101	03/01/2016	*03/03/2016 21:41*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	3800	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	*F1
Chloromethane	ND	2600	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Vinyl Chloride	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	*C2
Bromomethane	ND	2600	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	*C2
Chloroethane	ND	2600	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Trichlorofluoromethane	ND	10000	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Acetone	ND	38000	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Acrylonitrile	ND	2000	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Trichlorotrifluoroethane	ND	10000	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,1-Dichloroethene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	*F1*C1
Methylene Chloride	ND	13000	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Carbon Disulfide	ND	2600	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	*C1
Methyl-t-Butyl Ether (MTBE)	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
trans-1,2-Dichloroethene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,1-Dichloroethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
2-Butanone (MEK)	ND	6400	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
2,2-Dichloropropane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	*C2
cis-1,2-Dichloroethene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Chloroform	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Tetrahydrofuran	ND	6400	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,1,1-Trichloroethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Carbon Tetrachloride	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,1-Dichloropropene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Benzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,2-Dichloroethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Trichloroethene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dichloropropane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Dibromomethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Bromodichloromethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Methyl Isobutyl Ketone	ND	6400	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
cis-1,3-Dichloropropene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Toluene	**1500**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
trans-1,3-Dichloropropene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
2-Hexanone	ND	6400	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,1,2-Trichloroethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Tetrachloroethene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,3-Dichloropropane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Dibromochloromethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,2-Dibromoethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
trans-1,4-Dichloro-2-Butene	ND	6400	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Chlorobenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,1,1,2-Tetrachloroethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Ethylbenzene	**60000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
m+p Xylenes	**260000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	E*C2
o-Xylene	**47000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Styrene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Bromoform	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Isopropylbenzene	**6100**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	*C2
1,1,2,2-Tetrachloroethane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Bromobenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,2,3-Trichloropropane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
n-Propylbenzene	**20000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
2-Chlorotoluene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
4-Chlorotoluene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,3,5-Trimethylbenzene	**44000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
tert-Butylbenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,2,4-Trimethylbenzene	**150000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	E
sec-Butylbenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,3-Dichlorobenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
4-Isopropyltoluene	**6800**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,4-Dichlorobenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,2-Dichlorobenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
n-Butylbenzene	**5000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,2-Dibromo-3-Chloropropane	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
1,2,4-Trichlorobenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Hexachlorobutadiene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Naphthalene	**13000**	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichlorobenzene	ND	1300	446.03	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 13:56	
Surrogate: 1,2-Dichloroethane-d4	*87.5 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:56*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:56*	
Surrogate: 4-Bromofluorobenzene	*105 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 13:56*	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	7700	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Chloromethane	ND	5100	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
Vinyl Chloride	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Bromomethane	ND	5100	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
Chloroethane	ND	5100	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Trichlorofluoromethane	ND	20000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Acetone	ND	77000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
Acrylonitrile	ND	4100	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Trichlorotrifluoroethane	ND	20000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,1-Dichloroethene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*F1
Methylene Chloride	ND	26000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Carbon Disulfide	ND	5100	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Methyl-t-Butyl Ether (MTBE)	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
trans-1,2-Dichloroethene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,1-Dichloroethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
2-Butanone (MEK)	ND	13000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
2,2-Dichloropropane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
cis-1,2-Dichloroethene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Chloroform	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Tetrahydrofuran	ND	13000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,1,1-Trichloroethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Carbon Tetrachloride	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,1-Dichloropropene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Benzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2-Dichloroethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Trichloroethene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2-Dichloropropane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Dibromomethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Bromodichloromethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Methyl Isobutyl Ketone	ND	13000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
cis-1,3-Dichloropropene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Toluene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
trans-1,3-Dichloropropene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
2-Hexanone	ND	13000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,1,2-Trichloroethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Tetrachloroethene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,3-Dichloropropane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Dibromochloromethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2-Dibromoethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
trans-1,4-Dichloro-2-Butene	ND	13000	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	

Client Sample ID SB-8 15-17ft

Lab ID: 6020535-03RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
1,1,1,2-Tetrachloroethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Ethylbenzene	**66000**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
m+p Xylenes	**290000**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
o-Xylene	**53000**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Styrene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
Bromoform	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Isopropylbenzene	**6900**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,1,2,2-Tetrachloroethane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Bromobenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2,3-Trichloropropane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
n-Propylbenzene	**24000**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
2-Chlorotoluene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
4-Chlorotoluene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,3,5-Trimethylbenzene	**49000**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
tert-Butylbenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2,4-Trimethylbenzene	**190000**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
sec-Butylbenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,3-Dichlorobenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
4-Isopropyltoluene	**7900**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,4-Dichlorobenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2-Dichlorobenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
n-Butylbenzene	**5100**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2-Dibromo-3-Chloropropane	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2,4-Trichlorobenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
Hexachlorobutadiene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
Naphthalene	**12000**	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	
1,2,3-Trichlorobenzene	ND	2600	892.06	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:18	*C2
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 12:18*	
Surrogate: Toluene-d8	*89.9 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 12:18*	
Surrogate: 4-Bromofluorobenzene	*98.7 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 12:18*	

Client Sample ID SB-12 12-14ft

Lab ID: 6020535-04

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**440**	56	1	EPA 3550C	B6C0122	03/01/2016	03/01/2016 23:02	5
Surrogate: Octacosane	*93.9 %*	*50 - 150*			B6C0122	03/01/2016	*03/01/2016 23:02*	

5 C9-C14 Gasoline Range

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	420	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Chloromethane	ND	280	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
Vinyl Chloride	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Bromomethane	ND	280	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
Chloroethane	ND	280	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Trichlorofluoromethane	ND	1100	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Acetone	ND	4200	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
Acrylonitrile	ND	220	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Trichlorotrifluoroethane	ND	1100	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,1-Dichloroethene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*F1
Methylene Chloride	ND	1400	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Carbon Disulfide	ND	280	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Methyl-t-Butyl Ether (MTBE)	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
trans-1,2-Dichloroethene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,1-Dichloroethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
2-Butanone (MEK)	ND	700	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
2,2-Dichloropropane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
cis-1,2-Dichloroethene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Chloroform	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Tetrahydrofuran	ND	700	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,1,1-Trichloroethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Carbon Tetrachloride	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,1-Dichloropropene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Benzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2-Dichloroethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	

Client Sample ID SB-12 12-14ft

Lab ID: 6020535-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2-Dichloropropane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Dibromomethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Bromodichloromethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Methyl Isobutyl Ketone	ND	700	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
cis-1,3-Dichloropropene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Toluene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
trans-1,3-Dichloropropene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
2-Hexanone	ND	700	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,1,2-Trichloroethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Tetrachloroethene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,3-Dichloropropane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Dibromochloromethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2-Dibromoethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
trans-1,4-Dichloro-2-Butene	ND	700	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Chlorobenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
1,1,1,2-Tetrachloroethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Ethylbenzene	**2300**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
m+p Xylenes	**11000**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
o-Xylene	**420**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Styrene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
Bromoform	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Isopropylbenzene	**650**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,1,2,2-Tetrachloroethane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
Bromobenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2,3-Trichloropropane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
n-Propylbenzene	**1700**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
2-Chlorotoluene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
4-Chlorotoluene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,3,5-Trimethylbenzene	**5700**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
tert-Butylbenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2,4-Trimethylbenzene	**16000**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
sec-Butylbenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,3-Dichlorobenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
4-Isopropyltoluene	**670**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,4-Dichlorobenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2-Dichlorobenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
n-Butylbenzene	**500**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2-Dibromo-3-Chloropropane	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2,4-Trichlorobenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
Hexachlorobutadiene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	

Client Sample ID SB-12 12-14ft

Lab ID: 6020535-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**830**	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	
1,2,3-Trichlorobenzene	ND	140	49.36	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 12:41	*C2
Surrogate: 1,2-Dichloroethane-d4	*98.5 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 12:41*	
Surrogate: Toluene-d8	*105 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 12:41*	
Surrogate: 4-Bromofluorobenzene	*95.7 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 12:41*	

Client Sample ID SB-13 13-15ft

Lab ID: 6020535-05

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**64**	55	1	EPA 3550C	B6C0122	03/01/2016	03/01/2016 23:26	5
Surrogate: Octacosane	*96.0 %*	*50 - 150*			B6C0122	03/01/2016	*03/01/2016 23:26*	

5 C9-C14 Gasoline Range

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	420	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*F1
Chloromethane	ND	280	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Vinyl Chloride	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*C2
Bromomethane	ND	280	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*C2
Chloroethane	ND	280	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Trichlorofluoromethane	ND	1100	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Acetone	ND	4200	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Acrylonitrile	ND	230	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Trichlorotrifluoroethane	ND	1100	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,1-Dichloroethene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*F1*C1
Methylene Chloride	ND	1400	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Carbon Disulfide	ND	280	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*C1
Methyl-t-Butyl Ether (MTBE)	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
trans-1,2-Dichloroethene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,1-Dichloroethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
2-Butanone (MEK)	ND	700	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
2,2-Dichloropropane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*C2
cis-1,2-Dichloroethene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Chloroform	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Tetrahydrofuran	ND	700	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,1,1-Trichloroethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Carbon Tetrachloride	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,1-Dichloropropene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Benzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2-Dichloroethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	

Client Sample ID SB-13 13-15ft

Lab ID: 6020535-05

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2-Dichloropropane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Dibromomethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Bromodichloromethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Methyl Isobutyl Ketone	ND	700	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
cis-1,3-Dichloropropene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Toluene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
trans-1,3-Dichloropropene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
2-Hexanone	ND	700	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,1,2-Trichloroethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Tetrachloroethene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,3-Dichloropropane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Dibromochloromethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2-Dibromoethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
trans-1,4-Dichloro-2-Butene	ND	700	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Chlorobenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,1,1,2-Tetrachloroethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Ethylbenzene	**2100**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
m+p Xylenes	**8800**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*C2
o-Xylene	**2200**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Styrene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Bromoform	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Isopropylbenzene	**690**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	*C2
1,1,2,2-Tetrachloroethane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Bromobenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2,3-Trichloropropane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
n-Propylbenzene	**2600**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
2-Chlorotoluene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
4-Chlorotoluene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,3,5-Trimethylbenzene	**6700**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
tert-Butylbenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2,4-Trimethylbenzene	**18000**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	E
sec-Butylbenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,3-Dichlorobenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
4-Isopropyltoluene	**1100**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,4-Dichlorobenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2-Dichlorobenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
n-Butylbenzene	**910**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2-Dibromo-3-Chloropropane	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2,4-Trichlorobenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Hexachlorobutadiene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	

Client Sample ID SB-13 13-15ft

Lab ID: 6020535-05

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**1100**	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
1,2,3-Trichlorobenzene	ND	140	51.39	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 14:42	
Surrogate: 1,2-Dichloroethane-d4	*98.3 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 14:42*	
Surrogate: Toluene-d8	*97.8 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 14:42*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 14:42*	

Client Sample ID SB-13 13-15ft

Lab ID: 6020535-05RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1700	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Chloromethane	ND	1100	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
Vinyl Chloride	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Bromomethane	ND	1100	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
Chloroethane	ND	1100	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Trichlorofluoromethane	ND	4500	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Acetone	ND	17000	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
Acrylonitrile	ND	900	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Trichlorotrifluoroethane	ND	4500	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,1-Dichloroethene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*F1
Methylene Chloride	ND	5600	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Carbon Disulfide	ND	1100	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Methyl-t-Butyl Ether (MTBE)	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
trans-1,2-Dichloroethene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,1-Dichloroethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
2-Butanone (MEK)	ND	2800	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
2,2-Dichloropropane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
cis-1,2-Dichloroethene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Chloroform	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Tetrahydrofuran	ND	2800	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,1,1-Trichloroethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Carbon Tetrachloride	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,1-Dichloropropene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Benzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2-Dichloroethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Trichloroethene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2-Dichloropropane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Dibromomethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Bromodichloromethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Methyl Isobutyl Ketone	ND	2800	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
cis-1,3-Dichloropropene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Toluene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
trans-1,3-Dichloropropene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
2-Hexanone	ND	2800	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,1,2-Trichloroethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Tetrachloroethene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,3-Dichloropropane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Dibromochloromethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2-Dibromoethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
trans-1,4-Dichloro-2-Butene	ND	2800	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	

Client Sample ID SB-13 13-15ft

Lab ID: 6020535-05RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
1,1,1,2-Tetrachloroethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Ethylbenzene	**2200**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
m+p Xylenes	**8700**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
o-Xylene	**2400**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Styrene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
Bromoform	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Isopropylbenzene	**750**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,1,2,2-Tetrachloroethane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Bromobenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2,3-Trichloropropane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
n-Propylbenzene	**2900**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
2-Chlorotoluene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
4-Chlorotoluene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,3,5-Trimethylbenzene	**6900**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
tert-Butylbenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2,4-Trimethylbenzene	**23000**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
sec-Butylbenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,3-Dichlorobenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
4-Isopropyltoluene	**1200**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,4-Dichlorobenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2-Dichlorobenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
n-Butylbenzene	**960**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2-Dibromo-3-Chloropropane	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2,4-Trichlorobenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
Hexachlorobutadiene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
Naphthalene	**1400**	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	
1,2,3-Trichlorobenzene	ND	560	205.55	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:04	*C2
Surrogate: 1,2-Dichloroethane-d4	*93.4 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 13:04*	
Surrogate: Toluene-d8	*94.4 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 13:04*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 13:04*	

Client Sample ID SB-DUP

Lab ID: 6020535-06

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.6**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Selenium	ND	1.2	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Cadmium	ND	0.58	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Chromium	**9.8**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Arsenic	**1.3**	1.2	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Barium	**35**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Silver	ND	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Copper	**8.5**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Nickel	**6.9**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Zinc	**17**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Beryllium	ND	1.2	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Antimony	ND	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Thallium	ND	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	
Vanadium	**19**	2.3	1	EPA 3050B	B6C0120	03/01/2016	03/03/2016 14:26	

SPLP Metals **Analyst: SS**

Method: EPA 6020A-1312 **Matrix: Extract**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**0.016**	0.013	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Selenium	ND	0.010	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Cadmium	ND	0.0050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Chromium	ND	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Arsenic	ND	0.0090	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Barium	**0.075**	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Silver	ND	0.020	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Copper	ND	0.040	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Nickel	ND	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Zinc	**0.029**	0.020	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Beryllium	ND	0.0040	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Antimony	ND	0.0060	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Thallium	ND	0.0050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	
Vanadium	ND	0.050	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	

Client Sample ID SB-DUP

Lab ID: 6020535-06

SPLP Metals **Analyst: SS**

Method: EPA 6020A-1312 **Matrix: Extract**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.0020	1	EPA 3005A	B6C0309	03/03/2016	03/08/2016 15:48	

Conn. Extractable TPH **Analyst: MH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**440**	58	1	EPA 3550C	B6C0122	03/01/2016	03/01/2016 23:49	5
Surrogate: Octacosane	*97.0 %*	*50 - 150*			B6C0122	03/01/2016	*03/01/2016 23:49*	

5 C9-C14 Gasoline Range

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	1700	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	*F1
Chloromethane	ND	1100	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Vinyl Chloride	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	*C2
Bromomethane	ND	1100	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	*C2
Chloroethane	ND	1100	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Trichlorofluoromethane	ND	4600	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Acetone	ND	17000	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Acrylonitrile	ND	910	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Trichlorotrifluoroethane	ND	4600	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,1-Dichloroethene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	*F1*C1
Methylene Chloride	ND	5700	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Carbon Disulfide	ND	1100	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	*C1
Methyl-t-Butyl Ether (MTBE)	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	

Client Sample ID SB-DUP

Lab ID: 6020535-06

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,2-Dichloroethene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,1-Dichloroethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
2-Butanone (MEK)	ND	2900	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
2,2-Dichloropropane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	*C2
cis-1,2-Dichloroethene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Chloroform	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Tetrahydrofuran	ND	2900	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,1,1-Trichloroethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Carbon Tetrachloride	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,1-Dichloropropene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Benzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2-Dichloroethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Trichloroethene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2-Dichloropropane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Dibromomethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Bromodichloromethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Methyl Isobutyl Ketone	ND	2900	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
cis-1,3-Dichloropropene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Toluene	**1400**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
trans-1,3-Dichloropropene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
2-Hexanone	ND	2900	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,1,2-Trichloroethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Tetrachloroethene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,3-Dichloropropane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Dibromochloromethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2-Dibromoethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
trans-1,4-Dichloro-2-Butene	ND	2900	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Chlorobenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,1,1,2-Tetrachloroethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Ethylbenzene	**58000**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	E
m+p Xylenes	**170000**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	E*C2
o-Xylene	**60000**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	E
Styrene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Bromoform	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Isopropylbenzene	**8400**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	*C2
1,1,2,2-Tetrachloroethane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Bromobenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2,3-Trichloropropane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
n-Propylbenzene	**27000**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
2-Chlorotoluene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
4-Chlorotoluene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	

Client Sample ID SB-DUP

Lab ID: 6020535-06

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,3,5-Trimethylbenzene	**58000**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	E
tert-Butylbenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2,4-Trimethylbenzene	**81000**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	E
sec-Butylbenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,3-Dichlorobenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
4-Isopropyltoluene	**9900**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,4-Dichlorobenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2-Dichlorobenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
n-Butylbenzene	**6400**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2-Dibromo-3-Chloropropane	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2,4-Trichlorobenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Hexachlorobutadiene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Naphthalene	**16000**	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
1,2,3-Trichlorobenzene	ND	570	196.66	EPA 5035A-H	B6C0113	03/01/2016	03/01/2016 15:06	
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 15:06*	
Surrogate: Toluene-d8	*98.5 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 15:06*	
Surrogate: 4-Bromofluorobenzene	*108 %*		*70 - 130*		B6C0113	03/01/2016	*03/01/2016 15:06*	

Client Sample ID SB-DUP

Lab ID: 6020535-06RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	8600	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Chloromethane	ND	5700	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
Vinyl Chloride	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Bromomethane	ND	5700	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
Chloroethane	ND	5700	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Trichlorofluoromethane	ND	23000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Acetone	ND	86000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
Acrylonitrile	ND	4600	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Trichlorotrifluoroethane	ND	23000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,1-Dichloroethene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*F1
Methylene Chloride	ND	29000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Carbon Disulfide	ND	5700	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Methyl-t-Butyl Ether (MTBE)	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
trans-1,2-Dichloroethene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,1-Dichloroethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
2-Butanone (MEK)	ND	14000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
2,2-Dichloropropane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
cis-1,2-Dichloroethene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Chloroform	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Tetrahydrofuran	ND	14000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,1,1-Trichloroethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Carbon Tetrachloride	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,1-Dichloropropene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Benzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2-Dichloroethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Trichloroethene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2-Dichloropropane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Dibromomethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Bromodichloromethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Methyl Isobutyl Ketone	ND	14000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
cis-1,3-Dichloropropene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Toluene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
trans-1,3-Dichloropropene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
2-Hexanone	ND	14000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,1,2-Trichloroethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Tetrachloroethene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,3-Dichloropropane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Dibromochloromethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2-Dibromoethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
trans-1,4-Dichloro-2-Butene	ND	14000	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	

Client Sample ID SB-DUP

Lab ID: 6020535-06RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
1,1,1,2-Tetrachloroethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Ethylbenzene	**71000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
m+p Xylenes	**300000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
o-Xylene	**58000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Styrene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
Bromoform	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Isopropylbenzene	**8100**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,1,2,2-Tetrachloroethane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Bromobenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2,3-Trichloropropane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
n-Propylbenzene	**27000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
2-Chlorotoluene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
4-Chlorotoluene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,3,5-Trimethylbenzene	**61000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
tert-Butylbenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2,4-Trimethylbenzene	**220000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
sec-Butylbenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,3-Dichlorobenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
4-Isopropyltoluene	**10000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,4-Dichlorobenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2-Dichlorobenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
n-Butylbenzene	**7400**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2-Dibromo-3-Chloropropane	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2,4-Trichlorobenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
Hexachlorobutadiene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
Naphthalene	**18000**	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	
1,2,3-Trichlorobenzene	ND	2900	983.28	EPA 5035A-H	B6C0209	03/02/2016	03/02/2016 13:28	*C2
Surrogate: 1,2-Dichloroethane-d4	*94.2 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 13:28*	
Surrogate: Toluene-d8	*95.8 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 13:28*	
Surrogate: 4-Bromofluorobenzene	*105 %*		*70 - 130*		B6C0209	03/02/2016	*03/02/2016 13:28*	

Client Sample ID Trip Blank

Lab ID: 6020535-07

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	*F1
Chloromethane	ND	2.7	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	*F1
Bromomethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	*F1
Chloroethane	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Acetone	ND	50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Acrylonitrile	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Methylene Chloride	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Chloroform	**23**	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Benzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Trichloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Dibromomethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Bromodichloromethane	**7.3**	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Toluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
2-Hexanone	ND	25	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Dibromochloromethane	**1.5**	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	

Client Sample ID Trip Blank

Lab ID: 6020535-07

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Ethylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
m+p Xylenes	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
o-Xylene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Styrene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Bromoform	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Bromobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Naphthalene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B6C0117	03/01/2016	03/01/2016 14:22	
Surrogate: 1,2-Dichloroethane-d4	*95.0 %*		*70 - 130*		B6C0117	03/01/2016	*03/01/2016 14:22*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		B6C0117	03/01/2016	*03/01/2016 14:22*	
Surrogate: 4-Bromofluorobenzene	*97.3 %*		*70 - 130*		B6C0117	03/01/2016	*03/01/2016 14:22*	

QUALITY CONTROL SECTION

Batch B6C0101 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0101-BLK1)					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Phenol	ND	300							
1,3-Dichlorobenzene	ND	300							
n-Nitroso-di-n-propylamine	ND	300							
Pyridine	ND	300							
n-Nitroso-dimethylamine	ND	300							
bis(2-Chloroethyl)ether	ND	300							
Aniline	ND	300							
2-Chlorophenol	ND	300							
1,4-Dichlorobenzene	ND	300							
Benzyl Alcohol	ND	300							
1,2-Dichlorobenzene	ND	300							
bis(2-Chloroisopropyl)ether	ND	300							
Hexachloroethane	ND	300							
2-Methyl Phenol	ND	300							
3+4 Methyl Phenol	ND	300							
Naphthalene	ND	300							
2-Nitrophenol	ND	300							
2,4-Dichlorophenol	ND	300							
Hexachlorobutadiene	ND	300							
4-Chloro-3-methylphenol	ND	300							
Nitrobenzene	ND	300							
Isophorone	ND	300							
2,4-Dimethylphenol	ND	300							
bis(2-Chloroethoxy)methane	ND	300							
Benzoic Acid	ND	300							
1,2,4-Trichlorobenzene	ND	300							
2,6-Dichlorophenol	ND	300							
4-Chloroaniline	ND	300							
1,2,4,5-Tetrachlorobenzene	ND	300							
2-Methyl Naphthalene	ND	300							
Acenaphthylene	ND	300							
Acenaphthene	ND	300							
Dibenzofuran	ND	300							
Fluorene	ND	300							
Hexachlorocyclopentadiene	ND	300							
2,4,6-Trichlorophenol	ND	300							
2,4,5-Trichlorophenol	ND	300							
2,4-Dinitrophenol	ND	300							
4-Nitrophenol	ND	300							
2-Chloronaphthalene	ND	300							
2-Nitroaniline	ND	300							
Dimethylphthalate	ND	300							
2,6-Dinitrotoluene	ND	300							
4-Nitroaniline	ND	300							
2,4-Dinitrotoluene	ND	300							
2,3,4,6-Tetrachlorophenol	ND	300							
4-Chlorophenyl-phenylether	ND	300							
Diethylphthalate	ND	300							
Phenanthrene	ND	300							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0101-BLK1) - Continued					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Anthracene	ND	300							
Carbazole	ND	300							
Fluoranthene	ND	300							
Pyrene	ND	300							
n-Nitrosodiphenylamine	ND	300							
Pentachlorophenol	ND	300							
3-Nitroaniline	ND	300							
4,6-Dinitro-2-methylphenol	ND	300							
1,2-Diphenylhydrazine	ND	300							
4-Bromophenyl-phenylether	ND	300							
Hexachlorobenzene	ND	300							
Di-n-butylphthalate	ND	300							
Pentachloronitrobenzene	ND	300							
Benzo[a]anthracene	ND	300							
Chrysene	ND	300							
Butylbenzylphthalate	ND	300							
3,3-Dichlorobenzidine	ND	300							
bis(2-Ethylhexyl)phthalate	ND	300							
Di-n-octylphthalate	ND	300							
Benzo[b]fluoranthene	ND	300							
Benzo[k]fluoranthene	ND	300							
Benzo[a]pyrene	ND	300							
Indeno[1,2,3-cd]pyrene	ND	300							
Dibenz[a,h]anthracene	ND	300							
Benzo[g,h,i]perylene	ND	300							
Surrogate: 2-Fluorophenol					*85.5*	*30 - 130*			
Surrogate: Phenol-d6					*85.4*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*82.7*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*90.1*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*96.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*100*	*30 - 130*			
LCS (B6C0101-BS1)					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Phenol	2910	300	4,000.000		72.6	30 - 130			
1,3-Dichlorobenzene	2580	300	4,000.000		64.5	40 - 140			
n-Nitroso-di-n-propylamine	2680	300	4,000.000		67.0	40 - 140			
Pyridine	1920	300	4,000.000		47.9	40 - 140			
n-Nitroso-dimethylamine	2450	300	4,000.000		61.3	40 - 140			
bis(2-Chloroethyl)ether	2270	300	4,000.000		56.8	40 - 140			
Aniline	6500	300	4,000.000		**163**	40 - 140			**H**
2-Chlorophenol	2690	300	4,000.000		67.3	30 - 130			
1,4-Dichlorobenzene	2620	300	4,000.000		65.5	40 - 140			
Benzyl Alcohol	1730	300	4,000.000		43.4	30 - 130			
1,2-Dichlorobenzene	2660	300	4,000.000		66.5	40 - 140			
bis(2-Chloroisopropyl)ether	1860	300	4,000.000		46.4	40 - 140			
Hexachloroethane	2480	300	4,000.000		62.1	40 - 140			
2-Methyl Phenol	2770	300	4,000.000		69.3	30 - 130			
3+4 Methyl Phenol	2690	300	4,000.000		67.4	30 - 130			
Naphthalene	2860	300	4,000.000		71.4	40 - 140			
2-Nitrophenol	2870	300	4,000.000		71.7	30 - 130			
2,4-Dichlorophenol	2980	300	4,000.000		74.5	30 - 130			
Hexachlorobutadiene	3020	300	4,000.000		75.4	40 - 140			
4-Chloro-3-methylphenol	2920	300	4,000.000		73.0	30 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0101-BS1) - Continued					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Nitrobenzene	2760	300	4,000.000		69.1	40 - 140			
Isophorone	2890	300	4,000.000		72.3	40 - 140			
2,4-Dimethylphenol	3030	300	4,000.000		75.8	30 - 130			
bis(2-Chloroethoxy)methane	3010	300	4,000.000		75.4	40 - 140			
Benzoic Acid	2070	300	4,000.000		51.7	30 - 130			
1,2,4-Trichlorobenzene	2930	300	4,000.000		73.4	40 - 140			
2,6-Dichlorophenol	2860	300	4,000.000		71.5	30 - 130			
4-Chloroaniline	6050	300	4,000.000		**151**	40 - 140			**H**
1,2,4,5-Tetrachlorobenzene	3130	300	4,000.000		78.4	40 - 140			
2-Methyl Naphthalene	3010	300	4,000.000		75.1	40 - 140			
Acenaphthylene	3060	300	4,000.000		76.5	40 - 140			
Acenaphthene	3140	300	4,000.000		78.6	40 - 140			
Dibenzofuran	3290	300	4,000.000		82.3	40 - 140			
Fluorene	3270	300	4,000.000		81.6	40 - 140			
Hexachlorocyclopentadiene	1870	300	4,000.000		46.8	40 - 140			
2,4,6-Trichlorophenol	2900	300	4,000.000		72.5	30 - 130			
2,4,5-Trichlorophenol	3030	300	4,000.000		75.7	30 - 130			
2,4-Dinitrophenol	1870	300	4,000.000		46.7	30 - 130			
4-Nitrophenol	3110	300	4,000.000		77.7	30 - 130			
2-Chloronaphthalene	3070	300	4,000.000		76.7	40 - 140			
2-Nitroaniline	3350	300	4,000.000		83.8	40 - 140			
Dimethylphthalate	3190	300	4,000.000		79.8	40 - 140			
2,6-Dinitrotoluene	3130	300	4,000.000		78.3	40 - 140			
4-Nitroaniline	6460	300	4,000.000		**162**	40 - 140			**H**
2,4-Dinitrotoluene	3310	300	4,000.000		82.6	40 - 140			
2,3,4,6-Tetrachlorophenol	2900	300	4,000.000		72.4	30 - 130			
4-Chlorophenyl-phenylether	3320	300	4,000.000		83.0	40 - 140			
Diethylphthalate	3280	300	4,000.000		82.0	40 - 140			
Phenanthrene	3310	300	4,000.000		82.8	40 - 140			
Anthracene	3220	300	4,000.000		80.5	40 - 140			
Carbazole	8220	300	4,000.000		**205**	40 - 140			**H**
Fluoranthene	3480	300	4,000.000		87.0	40 - 140			
Pyrene	3480	300	4,000.000		87.0	40 - 140			
n-Nitrosodiphenylamine	5610	300	4,000.000		140	40 - 140			
Pentachlorophenol	2760	300	4,000.000		69.0	30 - 130			
3-Nitroaniline	16300	300	4,000.000		**408**	40 - 140			**H**
4,6-Dinitro-2-methylphenol	2580	300	4,000.000		64.6	30 - 130			
1,2-Diphenylhydrazine	3060	300	4,000.000		76.4	40 - 140			
4-Bromophenyl-phenylether	3390	300	4,000.000		84.7	40 - 140			
Hexachlorobenzene	3510	300	4,000.000		87.9	40 - 140			
Di-n-butylphthalate	3190	300	4,000.000		79.7	40 - 140			
Pentachloronitrobenzene	3220	300	4,000.000		80.6	40 - 140			
Benzo[a]anthracene	3360	300	4,000.000		83.9	40 - 140			
Chrysene	3410	300	4,000.000		85.2	40 - 140			
Butylbenzylphthalate	3200	300	4,000.000		80.0	40 - 140			
3,3-Dichlorobenzidine	6480	300	4,000.000		**162**	40 - 140			**H**
bis(2-Ethylhexyl)phthalate	3190	300	4,000.000		79.7	40 - 140			
Di-n-octylphthalate	3200	300	4,000.000		80.0	40 - 140			
Benzo[b]fluoranthene	3220	300	4,000.000		80.4	40 - 140			
Benzo[k]fluoranthene	3540	300	4,000.000		88.4	40 - 140			
Benzo[a]pyrene	3500	300	4,000.000		87.4	40 - 140			
Indeno[1,2,3-cd]pyrene	2960	300	4,000.000		74.1	40 - 140			
Dibenz[a,h]anthracene	2740	300	4,000.000		68.4	40 - 140			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0101-BS1) - Continued					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Benzo[g,h,i]perylene	2960	300	4,000.000		74.0	40 - 140			
Surrogate: 2-Fluorophenol					*71.6*	*30 - 130*			
Surrogate: Phenol-d6					*73.8*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*70.8*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*78.2*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*85.7*	*30 - 130*			
Surrogate: Terphenyl-d14					*85.5*	*30 - 130*			

CET # : 6020535
Project: Steves Gas, Middletown
Project Number: M-1185

Batch B6C0109 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0109-BLK1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
ETPH	ND	50							
Surrogate: Octacosane					*96.1*	*50 - 150*			
LCS (B6C0109-BS1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
ETPH	1390	50	1,500.000		92.7	60 - 120			
Surrogate: Octacosane					*96.3*	*50 - 150*			

Batch B6C0110 - EPA 160.3 modified

Analyte	Result (%)	RL (%)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (B6C0110-DUP1)		**Source: 6020535-06**			Prepared: 3/1/2016 Analyzed: 3/1/2016				
Total Solids	87	1.0		86			1.23	200	

Batch B6C0113 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0113-BLK1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0113-BLK1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*96.7*	*70 - 130*			
Surrogate: Toluene-d8					*95.7*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*94.4*	*70 - 130*			
LCS (B6C0113-BS1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	31.1	7.5	50.000		**62.3**	70 - 130			**L**
Chloromethane	43.2	5.0	50.000		86.3	70 - 130			
Vinyl Chloride	39.7	2.5	50.000		79.4	70 - 130			
Bromomethane	52.7	5.0	50.000		105	70 - 130			
Chloroethane	36.5	5.0	50.000		73.1	70 - 130			
Trichlorofluoromethane	49.2	20	50.000		98.5	70 - 130			
Acetone	113	75	100.000		113	70 - 130			
Acrylonitrile	46.5	4.0	50.000		93.0	70 - 130			
Trichlorotrifluoroethane	36.3	20	50.000		72.6	70 - 130			
1,1-Dichloroethene	34.1	2.5	50.000		**68.2**	70 - 130			**L**
Methylene Chloride	42.9	25	50.000		85.8	70 - 130			
Carbon Disulfide	36.2	5.0	50.000		72.4	70 - 130			
Methyl-t-Butyl Ether (MTBE)	51.9	2.5	50.000		104	70 - 130			
trans-1,2-Dichloroethene	41.4	2.5	50.000		82.8	70 - 130			
1,1-Dichloroethane	47.4	2.5	50.000		94.7	70 - 130			
2-Butanone (MEK)	92.1	13	100.000		92.1	70 - 130			
2,2-Dichloropropane	47.8	2.5	50.000		95.6	70 - 130			
cis-1,2-Dichloroethene	49.4	2.5	50.000		98.7	70 - 130			
Chloroform	44.8	2.5	50.000		89.5	70 - 130			
Tetrahydrofuran	46.4	13	50.000		92.8	70 - 130			
1,1,1-Trichloroethane	47.6	2.5	50.000		95.3	70 - 130			
Carbon Tetrachloride	42.7	2.5	50.000		85.4	70 - 130			
1,1-Dichloropropene	41.3	2.5	50.000		82.6	70 - 130			
Benzene	48.3	2.5	50.000		96.7	70 - 130			
1,2-Dichloroethane	50.6	2.5	50.000		101	70 - 130			
Trichloroethene	44.8	2.5	50.000		89.6	70 - 130			
1,2-Dichloropropane	52.4	2.5	50.000		105	70 - 130			
Dibromomethane	51.1	2.5	50.000		102	70 - 130			
Bromodichloromethane	51.6	2.5	50.000		103	70 - 130			
Methyl Isobutyl Ketone	92.9	13	100.000		92.9	70 - 130			
cis-1,3-Dichloropropene	51.5	2.5	50.000		103	70 - 130			
Toluene	43.9	2.5	50.000		87.9	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0113-BS1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
trans-1,3-Dichloropropene	50.3	2.5	50.000		101	70 - 130			
2-Hexanone	96.0	13	100.000		96.0	70 - 130			
1,1,2-Trichloroethane	51.2	2.5	50.000		102	70 - 130			
Tetrachloroethene	41.8	2.5	50.000		83.5	70 - 130			
1,3-Dichloropropane	50.3	2.5	50.000		101	70 - 130			
Dibromochloromethane	56.0	2.5	50.000		112	70 - 130			
1,2-Dibromoethane	48.9	2.5	50.000		97.8	70 - 130			
trans-1,4-Dichloro-2-Butene	47.8	13	50.000		95.5	70 - 130			
Chlorobenzene	53.8	2.5	50.000		108	70 - 130			
1,1,1,2-Tetrachloroethane	56.4	2.5	50.000		113	70 - 130			
Ethylbenzene	49.2	2.5	50.000		98.4	70 - 130			
m+p Xylenes	103	2.5	100.000		103	70 - 130			
o-Xylene	50.9	2.5	50.000		102	70 - 130			
Styrene	53.0	2.5	50.000		106	70 - 130			
Bromoform	50.9	2.5	50.000		102	70 - 130			
Isopropylbenzene	48.0	2.5	50.000		96.0	70 - 130			
1,1,2,2-Tetrachloroethane	49.4	2.5	50.000		98.8	70 - 130			
Bromobenzene	55.1	2.5	50.000		110	70 - 130			
1,2,3-Trichloropropane	55.8	2.5	50.000		112	70 - 130			
n-Propylbenzene	52.3	2.5	50.000		105	70 - 130			
2-Chlorotoluene	54.4	2.5	50.000		109	70 - 130			
4-Chlorotoluene	54.2	2.5	50.000		108	70 - 130			
1,3,5-Trimethylbenzene	53.2	2.5	50.000		106	70 - 130			
tert-Butylbenzene	47.4	2.5	50.000		94.8	70 - 130			
1,2,4-Trimethylbenzene	53.1	2.5	50.000		106	70 - 130			
sec-Butylbenzene	49.9	2.5	50.000		99.8	70 - 130			
1,3-Dichlorobenzene	54.1	2.5	50.000		108	70 - 130			
4-Isopropyltoluene	51.3	2.5	50.000		103	70 - 130			
1,4-Dichlorobenzene	53.7	2.5	50.000		107	70 - 130			
1,2-Dichlorobenzene	54.9	2.5	50.000		110	70 - 130			
n-Butylbenzene	50.7	2.5	50.000		101	70 - 130			
1,2-Dibromo-3-Chloropropane	50.5	2.5	50.000		101	70 - 130			
1,2,4-Trichlorobenzene	53.0	2.5	50.000		106	70 - 130			
Hexachlorobutadiene	46.5	2.5	50.000		93.1	70 - 130			
Naphthalene	47.3	2.5	50.000		94.7	70 - 130			
1,2,3-Trichlorobenzene	53.2	2.5	50.000		106	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*105*	*70 - 130*			
Surrogate: Toluene-d8					*84.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*105*	*70 - 130*			

Batch B6C0117 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0117-BLK1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0117-BLK1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*99.0*	*70 - 130*			
Surrogate: Toluene-d8					*98.4*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*96.0*	*70 - 130*			
LCS (B6C0117-BS1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
Dichlorodifluoromethane	33.0	10	50.000		**66.1**	70 - 130			**L**
Chloromethane	42.4	2.7	50.000		84.8	70 - 130			
Vinyl Chloride	28.2	1.6	50.000		**56.3**	70 - 130			**L**
Bromomethane	33.3	1.0	50.000		**66.7**	70 - 130			**L**
Chloroethane	52.3	5.0	50.000		105	70 - 130			
Trichlorofluoromethane	49.8	25	50.000		99.7	70 - 130			
Acetone	111	50	100.000		111	70 - 130			
Acrylonitrile	46.1	0.50	50.000		92.1	70 - 130			
Trichlorotrifluoroethane	62.8	25	50.000		126	70 - 130			
1,1-Dichloroethene	56.8	1.0	50.000		114	70 - 130			
Methylene Chloride	49.5	5.0	50.000		99.0	70 - 130			
Carbon Disulfide	55.9	1.0	50.000		112	70 - 130			
Methyl-t-Butyl Ether (MTBE)	51.0	5.0	50.000		102	70 - 130			
trans-1,2-Dichloroethene	50.5	1.0	50.000		101	70 - 130			
1,1-Dichloroethane	54.9	1.0	50.000		110	70 - 130			
2-Butanone (MEK)	99.2	25	100.000		99.2	70 - 130			
2,2-Dichloropropane	52.2	1.0	50.000		104	70 - 130			
cis-1,2-Dichloroethene	48.5	1.0	50.000		96.9	70 - 130			
Chloroform	49.5	1.0	50.000		99.1	70 - 130			
Tetrahydrofuran	43.9	5.0	50.000		87.7	70 - 130			
1,1,1-Trichloroethane	53.0	1.0	50.000		106	70 - 130			
Carbon Tetrachloride	50.6	1.0	50.000		101	70 - 130			
1,1-Dichloropropene	49.0	1.0	50.000		98.0	70 - 130			
Benzene	48.1	1.0	50.000		96.1	70 - 130			
1,2-Dichloroethane	50.8	1.0	50.000		102	70 - 130			
Trichloroethene	47.1	1.0	50.000		94.2	70 - 130			
1,2-Dichloropropane	46.6	1.0	50.000		93.2	70 - 130			
Dibromomethane	48.0	1.0	50.000		95.9	70 - 130			
Bromodichloromethane	50.1	0.50	50.000		100	70 - 130			
Methyl Isobutyl Ketone	95.0	25	100.000		95.0	70 - 130			
cis-1,3-Dichloropropene	47.2	0.50	50.000		94.5	70 - 130			
Toluene	46.9	1.0	50.000		93.9	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0117-BS1) - Continued					Prepared: 3/1/2016 Analyzed: 3/1/2016				
trans-1,3-Dichloropropene	48.1	0.50	50.000		96.1	70 - 130			
2-Hexanone	98.6	25	100.000		98.6	70 - 130			
1,1,2-Trichloroethane	48.6	1.0	50.000		97.2	70 - 130			
Tetrachloroethene	48.7	1.0	50.000		97.3	70 - 130			
1,3-Dichloropropane	47.3	0.50	50.000		94.7	70 - 130			
Dibromochloromethane	48.6	0.50	50.000		97.3	70 - 130			
1,2-Dibromoethane	47.0	0.50	50.000		93.9	70 - 130			
trans-1,4-Dichloro-2-Butene	47.0	10	50.000		94.1	70 - 130			
Chlorobenzene	48.5	1.0	50.000		96.9	70 - 130			
1,1,1,2-Tetrachloroethane	48.2	1.0	50.000		96.3	70 - 130			
Ethylbenzene	48.6	1.0	50.000		97.2	70 - 130			
m+p Xylenes	98.0	1.0	100.000		98.0	70 - 130			
o-Xylene	49.0	1.0	50.000		98.0	70 - 130			
Styrene	50.8	1.0	50.000		102	70 - 130			
Bromoform	50.1	1.0	50.000		100	70 - 130			
Isopropylbenzene	49.1	1.0	50.000		98.2	70 - 130			
1,1,2,2-Tetrachloroethane	47.3	0.50	50.000		94.6	70 - 130			
Bromobenzene	47.0	1.0	50.000		94.1	70 - 130			
1,2,3-Trichloropropane	46.2	1.0	50.000		92.3	70 - 130			
n-Propylbenzene	48.5	1.0	50.000		96.9	70 - 130			
2-Chlorotoluene	49.0	1.0	50.000		97.9	70 - 130			
4-Chlorotoluene	48.9	1.0	50.000		97.8	70 - 130			
1,3,5-Trimethylbenzene	48.1	1.0	50.000		96.1	70 - 130			
tert-Butylbenzene	48.3	1.0	50.000		96.6	70 - 130			
1,2,4-Trimethylbenzene	48.4	1.0	50.000		96.8	70 - 130			
sec-Butylbenzene	48.4	1.0	50.000		96.8	70 - 130			
1,3-Dichlorobenzene	48.0	1.0	50.000		96.0	70 - 130			
4-Isopropyltoluene	48.4	1.0	50.000		96.9	70 - 130			
1,4-Dichlorobenzene	48.2	1.0	50.000		96.4	70 - 130			
1,2-Dichlorobenzene	48.8	1.0	50.000		97.6	70 - 130			
n-Butylbenzene	50.3	1.0	50.000		101	70 - 130			
1,2-Dibromo-3-Chloropropane	46.8	1.0	50.000		93.5	70 - 130			
1,2,4-Trichlorobenzene	48.4	1.0	50.000		96.8	70 - 130			
Hexachlorobutadiene	46.8	0.45	50.000		93.6	70 - 130			
Naphthalene	48.6	1.0	50.000		97.3	70 - 130			
1,2,3-Trichlorobenzene	47.3	1.0	50.000		94.6	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*101*	*70 - 130*			
Surrogate: Toluene-d8					*98.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*101*	*70 - 130*			

Batch B6C0120 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0120-BLK1)					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Lead	ND	2.0							
Selenium	ND	1.0							
Cadmium	ND	0.50							
Chromium	ND	2.0							
Arsenic	ND	1.0							
Barium	ND	2.0							
Silver	ND	2.0							
Copper	ND	2.0							
Nickel	ND	2.0							
Zinc	ND	2.0							
Beryllium	ND	1.0							
Antimony	ND	2.0							
Thallium	ND	2.0							
Vanadium	ND	2.0							
LCS (B6C0120-BS1)					Prepared: 3/1/2016 Analyzed: 3/3/2016				
Lead	25.1	2.0	25.000		100	80 - 120			
Selenium	52.4	1.0	50.000		105	80 - 120			
Cadmium	26.3	0.50	25.000		105	80 - 120			
Chromium	28.8	2.0	25.000		115	80 - 120			
Arsenic	26.4	1.0	25.000		106	80 - 120			
Barium	25.9	2.0	25.000		103	80 - 120			
Silver	5.54	2.0	5.000		111	80 - 120			
Copper	28.7	2.0	25.000		115	80 - 120			
Nickel	25.4	2.0	25.000		102	80 - 120			
Zinc	28.6	2.0	25.000		114	80 - 120			
Beryllium	30.0	1.0	25.000		120	80 - 120			
Antimony	4.89	2.0	5.000		97.9	80 - 120			
Thallium	25.3	2.0	25.000		101	80 - 120			
Vanadium	28.7	2.0	25.000		115	80 - 120			

CET # : 6020535
Project: Steves Gas, Middletown
Project Number: M-1185

Batch B6C0122 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0122-BLK1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
ETPH	ND	50							
Surrogate: Octacosane					*89.3*	*50 - 150*			
LCS (B6C0122-BS1)					Prepared: 3/1/2016 Analyzed: 3/1/2016				
ETPH	1350	50	1,500.000		89.8	60 - 120			
Surrogate: Octacosane					*94.2*	*50 - 150*			

Batch B6C0209 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0209-BLK1)					Prepared: 3/2/2016 Analyzed: 3/2/2016				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0209-BLK1) - Continued					Prepared: 3/2/2016 Analyzed: 3/2/2016				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*105*	*70 - 130*			
Surrogate: Toluene-d8					*97.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*92.7*	*70 - 130*			
LCS (B6C0209-BS1)					Prepared: 3/2/2016 Analyzed: 3/2/2016				
Dichlorodifluoromethane	50.4	7.5	50.000		101	70 - 130			
Chloromethane	50.9	5.0	50.000		102	70 - 130			
Vinyl Chloride	48.1	2.5	50.000		96.2	70 - 130			
Bromomethane	57.0	5.0	50.000		114	70 - 130			
Chloroethane	41.1	5.0	50.000		82.1	70 - 130			
Trichlorofluoromethane	36.8	20	50.000		73.6	70 - 130			
Acetone	124	75	100.000		124	70 - 130			
Acrylonitrile	43.4	4.0	50.000		86.8	70 - 130			
Trichlorotrifluoroethane	35.2	20	50.000		70.3	70 - 130			
1,1-Dichloroethene	33.5	2.5	50.000		**67.0**	70 - 130			**L**
Methylene Chloride	43.4	25	50.000		86.8	70 - 130			
Carbon Disulfide	35.5	5.0	50.000		70.9	70 - 130			
Methyl-t-Butyl Ether (MTBE)	52.0	2.5	50.000		104	70 - 130			
trans-1,2-Dichloroethene	40.9	2.5	50.000		81.7	70 - 130			
1,1-Dichloroethane	47.8	2.5	50.000		95.6	70 - 130			
2-Butanone (MEK)	93.5	13	100.000		93.5	70 - 130			
2,2-Dichloropropane	50.3	2.5	50.000		101	70 - 130			
cis-1,2-Dichloroethene	53.9	2.5	50.000		108	70 - 130			
Chloroform	49.1	2.5	50.000		98.1	70 - 130			
Tetrahydrofuran	47.3	13	50.000		94.5	70 - 130			
1,1,1-Trichloroethane	52.5	2.5	50.000		105	70 - 130			
Carbon Tetrachloride	44.5	2.5	50.000		89.0	70 - 130			
1,1-Dichloropropene	42.3	2.5	50.000		84.5	70 - 130			
Benzene	49.9	2.5	50.000		99.8	70 - 130			
1,2-Dichloroethane	50.7	2.5	50.000		101	70 - 130			
Trichloroethene	45.7	2.5	50.000		91.3	70 - 130			
1,2-Dichloropropane	59.6	2.5	50.000		119	70 - 130			
Dibromomethane	50.4	2.5	50.000		101	70 - 130			
Bromodichloromethane	59.3	2.5	50.000		119	70 - 130			
Methyl Isobutyl Ketone	98.8	13	100.000		98.8	70 - 130			
cis-1,3-Dichloropropene	53.7	2.5	50.000		107	70 - 130			
Toluene	50.1	2.5	50.000		100	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B6C0209-BS1) - Continued					Prepared: 3/2/2016 Analyzed: 3/2/2016				
trans-1,3-Dichloropropene	56.6	2.5	50.000		113	70 - 130			
2-Hexanone	102	13	100.000		102	70 - 130			
1,1,2-Trichloroethane	54.5	2.5	50.000		109	70 - 130			
Tetrachloroethene	43.2	2.5	50.000		86.4	70 - 130			
1,3-Dichloropropane	54.1	2.5	50.000		108	70 - 130			
Dibromochloromethane	58.7	2.5	50.000		117	70 - 130			
1,2-Dibromoethane	54.6	2.5	50.000		109	70 - 130			
trans-1,4-Dichloro-2-Butene	45.7	13	50.000		91.3	70 - 130			
Chlorobenzene	60.2	2.5	50.000		120	70 - 130			
1,1,1,2-Tetrachloroethane	62.2	2.5	50.000		124	70 - 130			
Ethylbenzene	55.6	2.5	50.000		111	70 - 130			
m+p Xylenes	114	2.5	100.000		114	70 - 130			
o-Xylene	57.7	2.5	50.000		115	70 - 130			
Styrene	61.4	2.5	50.000		123	70 - 130			
Bromoform	53.0	2.5	50.000		106	70 - 130			
Isopropylbenzene	51.3	2.5	50.000		103	70 - 130			
1,1,2,2-Tetrachloroethane	44.8	2.5	50.000		89.7	70 - 130			
Bromobenzene	52.8	2.5	50.000		106	70 - 130			
1,2,3-Trichloropropane	48.7	2.5	50.000		97.3	70 - 130			
n-Propylbenzene	49.3	2.5	50.000		98.5	70 - 130			
2-Chlorotoluene	53.9	2.5	50.000		108	70 - 130			
4-Chlorotoluene	54.5	2.5	50.000		109	70 - 130			
1,3,5-Trimethylbenzene	50.2	2.5	50.000		100	70 - 130			
tert-Butylbenzene	47.9	2.5	50.000		95.9	70 - 130			
1,2,4-Trimethylbenzene	55.8	2.5	50.000		112	70 - 130			
sec-Butylbenzene	49.7	2.5	50.000		99.3	70 - 130			
1,3-Dichlorobenzene	60.0	2.5	50.000		120	70 - 130			
4-Isopropyltoluene	48.2	2.5	50.000		96.5	70 - 130			
1,4-Dichlorobenzene	59.8	2.5	50.000		120	70 - 130			
1,2-Dichlorobenzene	61.4	2.5	50.000		123	70 - 130			
n-Butylbenzene	54.4	2.5	50.000		109	70 - 130			
1,2-Dibromo-3-Chloropropane	53.0	2.5	50.000		106	70 - 130			
1,2,4-Trichlorobenzene	61.4	2.5	50.000		123	70 - 130			
Hexachlorobutadiene	50.9	2.5	50.000		102	70 - 130			
Naphthalene	46.7	2.5	50.000		93.3	70 - 130			
1,2,3-Trichlorobenzene	56.8	2.5	50.000		114	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*88.6*	*70 - 130*			
Surrogate: Toluene-d8					*96.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*84.2*	*70 - 130*			

CET # : 6020535
Project: Steves Gas, Middletown
Project Number: M-1185

Batch B6C0219 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0219-BLK1)					Prepared: 3/2/2016 Analyzed: 3/3/2016				
Mercury	ND	0.20							
LCS (B6C0219-BS1)					Prepared: 3/2/2016 Analyzed: 3/3/2016				
Mercury	2.29	0.20	2.500		91.7	80 - 120			

Batch B6C0302 - EPA 8082A

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0302-BLK1)					Prepared: 3/3/2016 Analyzed: 3/3/2016				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
Surrogate: TCMX					*101*	*30 - 150*			
Surrogate: DCB					*97.0*	*30 - 150*			
LCS (B6C0302-BS1)					Prepared: 3/3/2016 Analyzed: 3/3/2016				
PCB-1016	1.03	0.20	1.000		103	50 - 150			
PCB-1260	1.05	0.20	1.000		105	50 - 150			
Surrogate: TCMX					*89.1*	*30 - 150*			
Surrogate: DCB					*82.4*	*30 - 150*			

Batch B6C0309 - EPA 6020A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6C0309-BLK1)					Prepared: 3/3/2016 Analyzed: 3/8/2016				
Lead	ND	0.013							
Selenium	ND	0.010							
Cadmium	ND	0.0050							
Chromium	ND	0.050							
Arsenic	ND	0.0090							
Barium	ND	0.050							
Silver	ND	0.020							
Copper	ND	0.040							
Nickel	ND	0.050							
Zinc	ND	0.020							
Beryllium	ND	0.0040							
Antimony	ND	0.0060							
Thallium	ND	0.0050							
Mercury	ND	0.0020							
Vanadium	ND	0.050							
LCS (B6C0309-BS1)					Prepared: 3/3/2016 Analyzed: 3/8/2016				
Lead	0.198	0.013	0.200		99.2	80 - 120			
Selenium	0.405	0.010	0.400		101	80 - 120			
Cadmium	0.203	0.0050	0.200		101	80 - 120			
Chromium	0.199	0.050	0.200		99.6	80 - 120			
Arsenic	0.204	0.0090	0.200		102	80 - 120			
Barium	0.192	0.050	0.200		96.0	80 - 120			
Silver	0.0949	0.020	0.100		94.9	80 - 120			
Copper	0.199	0.040	0.200		99.6	80 - 120			
Nickel	0.199	0.050	0.200		99.5	80 - 120			
Zinc	0.201	0.020	0.200		101	80 - 120			
Beryllium	0.207	0.0040	0.200		104	80 - 120			
Antimony	0.101	0.0060	0.100		101	80 - 120			
Thallium	0.195	0.0050	0.200		97.4	80 - 120			
Mercury	0.00500	0.0020	0.005		100	80 - 120			
Vanadium	0.201	0.050	0.200		100	80 - 120			

CET # : 6020535
Project: Steves Gas, Middletown
Project Number: M-1185

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Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
New York Certification 11982
Rhode Island Certification 199

CET # : 6020535
Project: Steves Gas, Middletown
Project Number: M-1185

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogenity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 6010C in Soil	
Lead	CT,NY
Selenium	CT,NY
Cadmium	CT,NY
Chromium	CT,NY
Arsenic	CT,NY
Barium	CT,NY
Silver	CT,NY
Copper	CT,NY
Nickel	CT,NY
Zinc	CT,NY
Beryllium	CT,NY
Antimony	CT,NY
Thallium	CT,NY
Vanadium	CT,NY
EPA 6020A in Soil	
Lead	CT,NY
Selenium	CT,NY
Cadmium	CT,NY
Chromium	CT,NY
Arsenic	CT,NY
Barium	CT,NY
Silver	CT,NY
Copper	CT,NY
Nickel	CT,NY
Zinc	CT,NY
Beryllium	CT,NY
Antimony	CT,NY
Thallium	CT,NY
Mercury	CT
Vanadium	CT,NY
EPA 7471B in Soil	
Mercury	CT,NY
EPA 8082A in Soil	
PCB-1016	CT,NY
PCB-1221	CT,NY
PCB-1232	CT,NY
PCB-1242	CT,NY
PCB-1248	CT,NY
PCB-1254	CT,NY
PCB-1260	CT,NY
PCB-1268	CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
Dichlorodifluoromethane	CT,NY
Chloromethane	CT,NY
Vinyl Chloride	CT,NY
Bromomethane	CT,NY
Chloroethane	CT,NY
Trichlorofluoromethane	CT,NY
Acetone	CT,NY
Acrylonitrile	CT,NY
Trichlorotrifluoroethane	CT,NY
1,1-Dichloroethene	CT,NY
Methylene Chloride	CT,NY
Carbon Disulfide	CT,NY
Methyl-t-Butyl Ether (MTBE)	CT,NY
trans-1,2-Dichloroethene	CT,NY
1,1-Dichloroethane	CT,NY
2-Butanone (MEK)	CT,NY
2,2-Dichloropropane	CT,NY
cis-1,2-Dichloroethene	CT,NY
Chloroform	CT,NY
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY
Carbon Tetrachloride	CT,NY
1,1-Dichloropropene	CT,NY
Benzene	CT,NY
1,2-Dichloroethane	CT,NY
Trichloroethene	CT,NY
1,2-Dichloropropane	CT,NY
Dibromomethane	CT,NY
Bromodichloromethane	CT,NY
Methyl Isobutyl Ketone	CT,NY
cis-1,3-Dichloropropene	CT,NY
Toluene	CT,NY
trans-1,3-Dichloropropene	CT,NY
2-Hexanone	CT,NY
1,1,2-Trichloroethane	CT,NY
Tetrachloroethene	CT,NY
1,3-Dichloropropane	CT,NY
Dibromochloromethane	CT,NY
1,2-Dibromoethane	CT,NY
trans-1,4-Dichloro-2-Butene	CT,NY
Chlorobenzene	CT,NY
1,1,1,2-Tetrachloroethane	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
Styrene	CT,NY
Bromoform	CT,NY
Isopropylbenzene	CT,NY
1,1,2,2-Tetrachloroethane	CT,NY
Bromobenzene	CT,NY
1,2,3-Trichloropropane	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2-Dibromo-3-Chloropropane	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT
EPA 8260C in Water	
Dichlorodifluoromethane	CT,NY
Chloromethane	CT,NY
Vinyl Chloride	CT,NY
Bromomethane	CT,NY
Chloroethane	CT,NY
Trichlorofluoromethane	CT,NY
Acetone	CT,NY
Acrylonitrile	CT,NY
Trichlorotrifluoroethane	CT,NY
1,1-Dichloroethene	CT,NY
Methylene Chloride	CT,NY
Carbon Disulfide	CT,NY
Methyl-t-Butyl Ether (MTBE)	CT,NY
trans-1,2-Dichloroethene	CT,NY
1,1-Dichloroethane	CT,NY
2-Butanone (MEK)	CT,NY
2,2-Dichloropropane	CT,NY
cis-1,2-Dichloroethene	CT,NY
Chloroform	CT,NY
Tetrahydrofuran	CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
1,1,1-Trichloroethane	CT,NY
Carbon Tetrachloride	CT,NY
1,1-Dichloropropene	CT,NY
Benzene	CT,NY
1,2-Dichloroethane	CT,NY
Trichloroethene	CT,NY
1,2-Dichloropropane	CT,NY
Dibromomethane	CT,NY
Bromodichloromethane	CT,NY
Methyl Isobutyl Ketone	CT,NY
cis-1,3-Dichloropropene	CT,NY
Toluene	CT,NY
trans-1,3-Dichloropropene	CT,NY
2-Hexanone	CT,NY
1,1,2-Trichloroethane	CT,NY
Tetrachloroethene	CT,NY
1,3-Dichloropropane	CT,NY
Dibromochloromethane	CT,NY
1,2-Dibromoethane	CT,NY
trans-1,4-Dichloro-2-Butene	CT,NY
Chlorobenzene	CT,NY
1,1,1,2-Tetrachloroethane	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Bromoform	CT,NY
Isopropylbenzene	CT,NY
1,1,2,2-Tetrachloroethane	CT,NY
Bromobenzene	CT
1,2,3-Trichloropropane	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2-Dibromo-3-Chloropropane	CT,NY
1,2,4-Trichlorobenzene	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT
EPA 8270D in Soil	
Phenol	CT,NY
1,3-Dichlorobenzene	CT,NY
n-Nitroso-di-n-propylamine	CT,NY
Pyridine	CT,NY
n-Nitroso-dimethylamine	CT,NY
bis(2-Chloroethyl)ether	CT,NY
Aniline	CT,NY
2-Chlorophenol	CT,NY
1,4-Dichlorobenzene	CT,NY
Benzyl Alcohol	CT,NY
1,2-Dichlorobenzene	CT,NY
bis(2-Chloroisopropyl)ether	CT,NY
Hexachloroethane	CT,NY
2-Methyl Phenol	CT,NY
3+4 Methyl Phenol	CT,NY
Naphthalene	CT,NY
2-Nitrophenol	CT,NY
2,4-Dichlorophenol	CT,NY
Hexachlorobutadiene	CT,NY
4-Chloro-3-methylphenol	CT,NY
Nitrobenzene	CT,NY
Isophorone	CT,NY
2,4-Dimethylphenol	CT,NY
bis(2-Chloroethoxy)methane	CT,NY
Benzoic Acid	CT,NY
1,2,4-Trichlorobenzene	CT,NY
2,6-Dichlorophenol	CT,NY
4-Chloroaniline	CT,NY
1,2,4,5-Tetrachlorobenzene	CT,NY
2-Methyl Naphthalene	CT,NY
Acenaphthylene	CT,NY
Acenaphthene	CT,NY
Dibenzofuran	CT,NY
Fluorene	CT,NY
Hexachlorocyclopentadiene	CT,NY
2,4,6-Trichlorophenol	CT,NY
2,4,5-Trichlorophenol	CT,NY
2,4-Dinitrophenol	CT,NY
4-Nitrophenol	CT,NY
2-Chloronaphthalene	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270D in Soil	
2-Nitroaniline	CT,NY
Dimethylphthalate	CT,NY
2,6-Dinitrotoluene	CT,NY
4-Nitroaniline	CT,NY
2,4-Dinitrotoluene	CT,NY
2,3,4,6-Tetrachlorophenol	CT,NY
4-Chlorophenyl-phenylether	CT,NY
Diethylphthalate	CT,NY
Phenanthrene	CT,NY
Anthracene	CT,NY
Carbazole	CT,NY
Fluoranthene	CT,NY
Pyrene	CT,NY
n-Nitrosodiphenylamine	CT,NY
Pentachlorophenol	CT,NY
3-Nitroaniline	CT,NY
4,6-Dinitro-2-methylphenol	CT,NY
1,2-Diphenylhydrazine	CT
4-Bromophenyl-phenylether	CT,NY
Hexachlorobenzene	CT,NY
Di-n-butylphthalate	CT,NY
Pentachloronitrobenzene	CT,NY
Benzo[a]anthracene	CT,NY
Chrysene	CT,NY
Butylbenzylphthalate	CT,NY
3,3-Dichlorobenzidine	CT,NY
bis(2-Ethylhexyl)phthalate	CT,NY
Di-n-octylphthalate	CT,NY
Benzo[b]fluoranthene	CT,NY
Benzo[k]fluoranthene	CT,NY
Benzo[a]pyrene	CT,NY
Indeno[1,2,3-cd]pyrene	CT,NY
Dibenz[a,h]anthracene	CT,NY
Benzo[g,h,i]perylene	CT,NY

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2016
NY	New York Certification (NELAC)	11982	04/01/2016

6020535

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one)

Sample ID	Sample Depths (Units)	Collection Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	624	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL RSR metals	TCLP	SPLP RSR metals	Field Filtered	Lab To Filter	Total Lead	TOTAL # OF CONT.	NOTE #
SB-6	8-10'	2/26/16 0830	S				X	X				X												X	6	
SB-7	13-15'	1030					X	X				X												X	6	
SB-8	15-17'	1100					X	X				X	X		X				X		X				5	
SB-12	12-14'	1230					X	X				X													6	
SB-13	13-15'	1330					X	X				X													6	
SB-DUP		1107					X	X				X							X		X				5	
TB							X	X																	2	
SB-8	14-15'	1045	S				X			Hold															5	

	8260 CT List	CT ETPH	8270 CT List	PCBs	TOTAL	SPLP
PRESERVATIVE (Cl–HCl, N–HNO$_3$, S–H$_2$SO$_4$, Na–NaOH, C=Cool, O–Other)	O	O	O	O	6	O
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)		G	G	G	G	G
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)	M/E					

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
DRA	2/26/16 1500	TTB Fridge
TTB Fridge	2/29/16 1420	LB WLT
LB WLT	2/29/16 1530	Balm

NOTES:

Client / Reporting Information

Company Name: Tighe & Bond
Address: 213 Court St
City: Middletown State: CT Zip: 06
Report To: Amy Vaillancourt E-mail:
Phone #: Fax #:

Project Information

Project Contact: Amy Vaillancourt PO #: M-1185
Project: Steve's Gas Station Project #: M-1185
Location: Middletown CT Collector(s): DRA
QA/QC ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report ☒ PDF ☐ EDD - Specify Format ______ ☐ Other Excel
RSR Reporting Limits (check one) ☐ GA ☒ GB ☐ SWP ☐ Other ______
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA
Temp Upon Receipt 2.4 °C Evidence of Cooling: (Y) N SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 06/14

City of Middletown
Public Works Department
Engineering Division

Standard Details
&
Specifications

January, 2012

STANDARD SPECIFICATIONS FOR STREET EXCAVATION

EXCAVATED MATERIAL: All material excavated from trenches shall be removed from the work site.

CONSTRUCTION MATERIALS: Construction materials on the site shall be limited in quantity and space occupying area so as not to hinder or block the use of the street. There shall be no piled material left within the street right of way overnight without special permission from the Director of Public Works.

DUST AND CLEAN UP: As the excavation work progresses, all streets shall be thoroughly cleaned of rubbish, excess earth, rock and other debris. The permittee shall take necessary precautions to prevent and avoid dust and to keep the streets clean each day. All clean-up operations shall be carried out to the satisfaction of the Director of Public Works.

PROTECTION OF CURBS AND GUTTERS: The Contractor shall maintain all gutters free and unobstructed for the full depth of the adjacent curb and for at least three feet in width from the face of the curb at the cutter line. Catch basins shall be kept clear and serviceable. The Contractor shall make provisions to take care of all surplus water, muck, silt, or other run-off from excavations and shall be responsible for any other damage resulting from his failure to so provide.

NOISE: Each Contractor shall conduct and carry out excavation work in such manner as to avoid unnecessary inconvenience and annoyance to the general public and occupants of neighboring properties. During the hours of 9:00 p.m. to 7:00 a.m., he shall not use, except with express written approval of the Director of Public Works or in case of emergency, any tool, appliance or equipment producing noise of sufficient volume to disturb the sleep or repose of occupants of the neighboring property.

TRENCHES: The maximum length of open trench permissible at any time shall be in accordance with existing ordinances or regulations or as may be specified by the City Engineer. No greater length shall be opened for pavement removal, excavation, construction, backfilling, patching and all other operations without the written permission of the City Engineer

PROMPT COMPLETION OF WORK: After excavation has commenced, the Contractor shall prosecute with diligence and expedition all excavation work covered by the excavation permit and shall promptly complete such work and shall restore the street to its original condition, so as not to obstruct the street or travel thereon more than is reasonably necessary.

BREAKING THROUGH PAVEMENT:
The use of heavy duty pavement breakers or hydro-hammers for breaking pavement is prohibited on all streets unless written permission is granted by the Director of Public Works. Saw cutting is preferred. Approved cutting of bituminous pavement surface ahead of excavations is required to confine pavement damage to the lines of the trench. Sections of sidewalk shall be removed to the nearest score-line or approved saw cut edge. Unstable pavement shall be removed over cave-outs and over breaks and the sub-grade shall be treated as the main trench. Pavement edges shall be trimmed to a vertical face and neatly aligned with the centerline of the trench. Cut-outs outside the trench lines must be normal or parallel to the trench line. Excavations shall be made on open cut and no tunneling will be allowed except by special permission by the Director of Public Works. Trenches and excavations shall be braced and sheeted when necessary. All excavated material shall be loaded into a truck and removed to a disposal site. There shall be no dumping of any material on public or private property within the boundaries of the City of Middletown without the permission of the Director of Public Works.

BACKFILLING: Excavated material shall not be used for backfill, unless it satisfies the requirements or gradation schedule as set forth within M.02.01-Granular Fill, "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

Backfill material shall be placed in six (6) inch layers, power tamped and moistened when required to secure maximum compaction of the backfill and to reduce settlement. The material shall be compacted to 95% optimum density and shall be subject to testing by the City at the expense of the Contractor.

Temporary surfacing of bituminous concrete shall be placed as a wearing surface as set forth on "Typical Trench Cross Section with Temporary Pavement" prepared by the Public Works Engineering Division. Maintenance of all temporary paving shall be the responsibility of the Contractor.

RESTRORATION OF PAVEMENT PAVING: All permanent pavement replacement shall conform to the standard detail "Pavement Restoration" as prepared by the Engineering Division.

MATERIALS: Unless otherwise approved all materials shall conform to Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004". All materials shall be approved by the City Engineer prior to use.

PAVEMENT REPLACEMENT PERIOD: Permanent pavement restoration shall be made between three (3) and six (6) months following the temporary pavement repair, except during winter months. Permanent pavement restoration of all pavement shall be made between May 1st and the 15th of October.

NOTIFICATION BY CONTRACTOR: Notice of the date and location of excavation or restoration work shall be given the Engineering Division at least forty eight (48) hours before the work is started.

UNRESTORED CUTS: The cost of completing unrestored cuts encountered by the City during repaving, and completed by the City, shall be billed against and paid for by the Contractor making the cut that was not restored.

MATERIAL SPECIFICATIONS

Processed Aggregate:

The materials for this work shall conform to specification M.05.01-Processed Aggregate Base and Pavement, as set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

Bank Run Gravel:

The materials for this work shall conform to specification M.02.03-Granular Base, Rolled Bank Gravel Surface and Traffic Bound Gravel Surface for use in the base course of the roadway section, and M.02.01-Granular Fill for use in backfilling trenches within the paved area. These specifications are set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

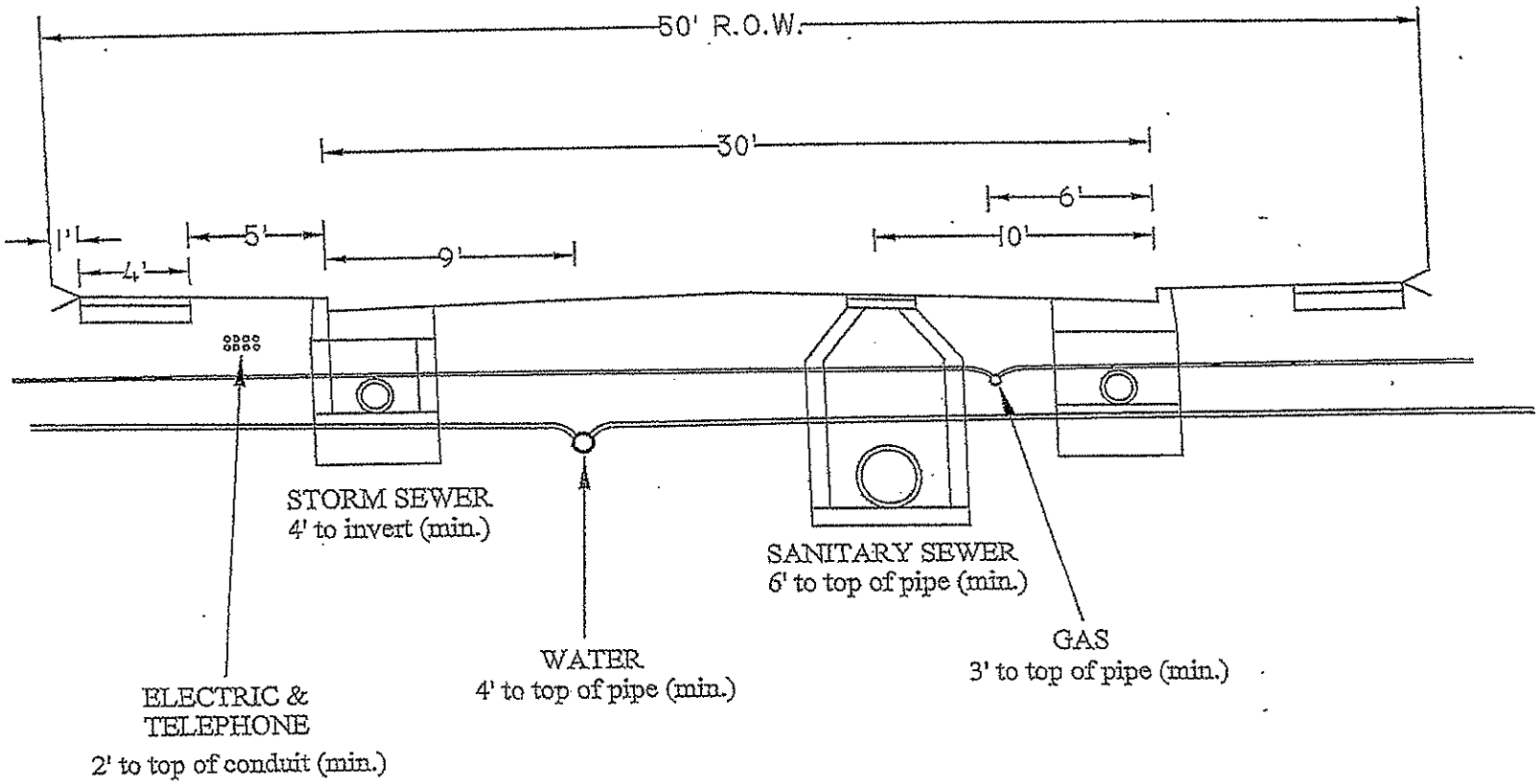
Pipe:

The materials for this work shall conform to specification M.08.01
Section 2-Coated Corrugated Metal Pipe or
Section 6. Reinforced Concrete Pipe or
Section 10-Slotted Reinforced Concrete Pipe or
Section 14-Corrugated Aluminum Pipe or
Section 25-Corrugated Polyethylene Pipe or
Section 27-Polyvinyl Chloride Pipe, as set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

Bituminous Concrete:

The materials for this work shall conform to specification M.04 as set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004", and the classes are as follows:

Pre-mix for industrial areas	Class IV
Binder Course	Class I
Surface Course	Class II
Driveways Aprons	Class II

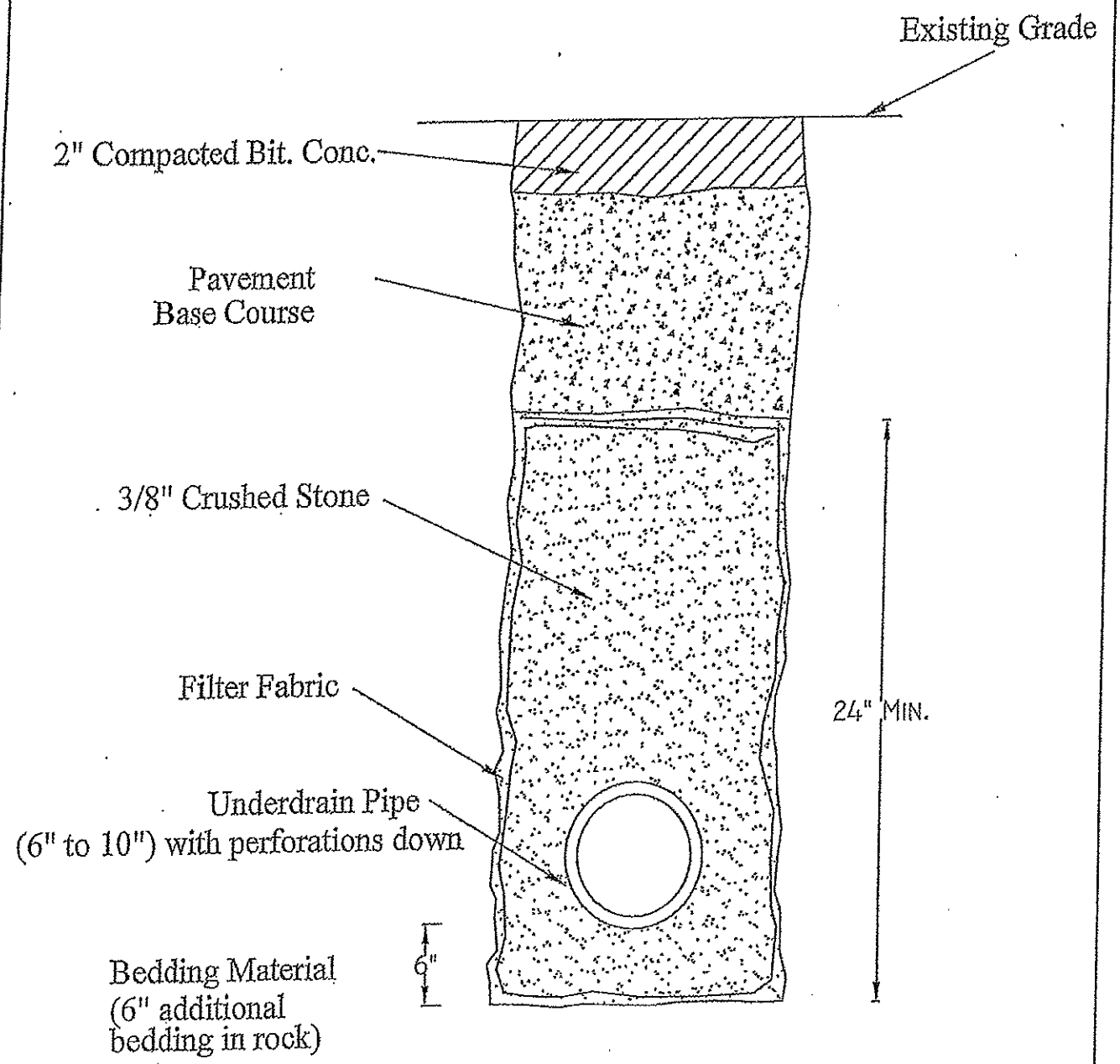


City of Middletown, CT.
Public Works Engineering Division

SHOWING

Utility Placement

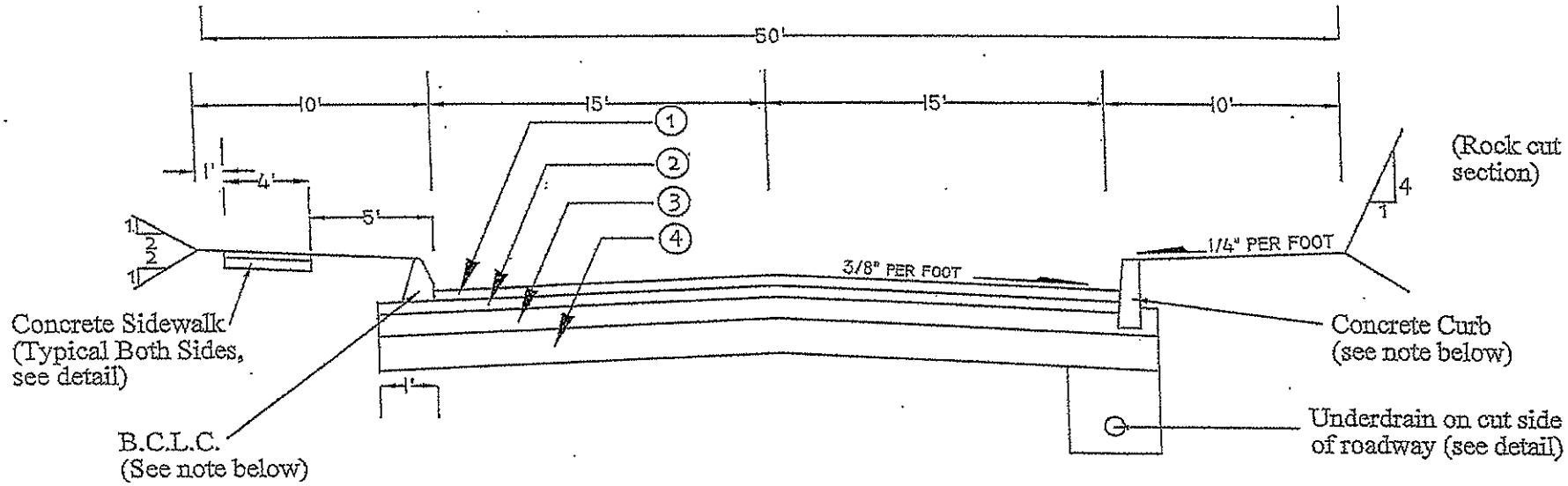
DATE: Jan. 2012	SCALE: NTS



NOTES:

Width of trench to be O.D. of pipe plus two (2) feet.

City of Middletown, CT.
Public Works Engineering Division
SHOWING
Underdrain
SCALE: NTS



PAVEMENT SECTION

1. 2" Class II Bituminous Surface Course
2. 2" Class I Bituminous Binder Course
3. 4" Processed Aggregate Stone
4. 8" Bank Run Gravel

NOTES:

1. Curbing shall be Granite or Concrete. BCLC is to be used only as temporary curbing.
2. Bank Run Gravel must be tested prior to use. Additional testing may be required if deemed necessary by the Public Works Representitave.
3. Subbase must be shaped and compacted prior to the placement of Bank Run Gravel.
4. All material shall adhere to the standard specifications of the Public Works Department.
5. Any deviations from this detail must have approval of the Public Works Department.

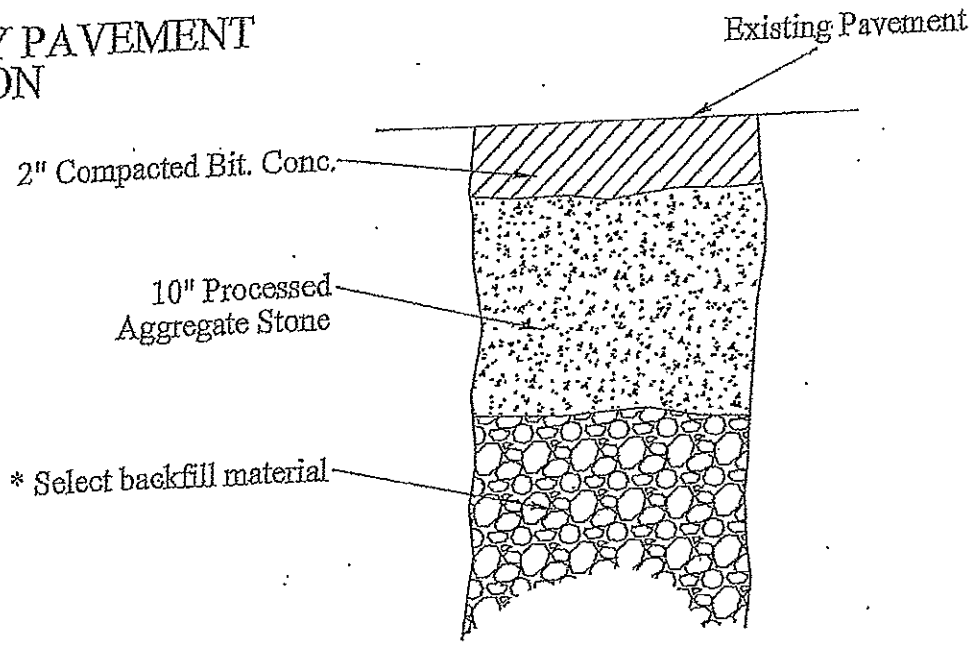
City of Middletown, CT.
Public Works Engineering Division

SHOWING

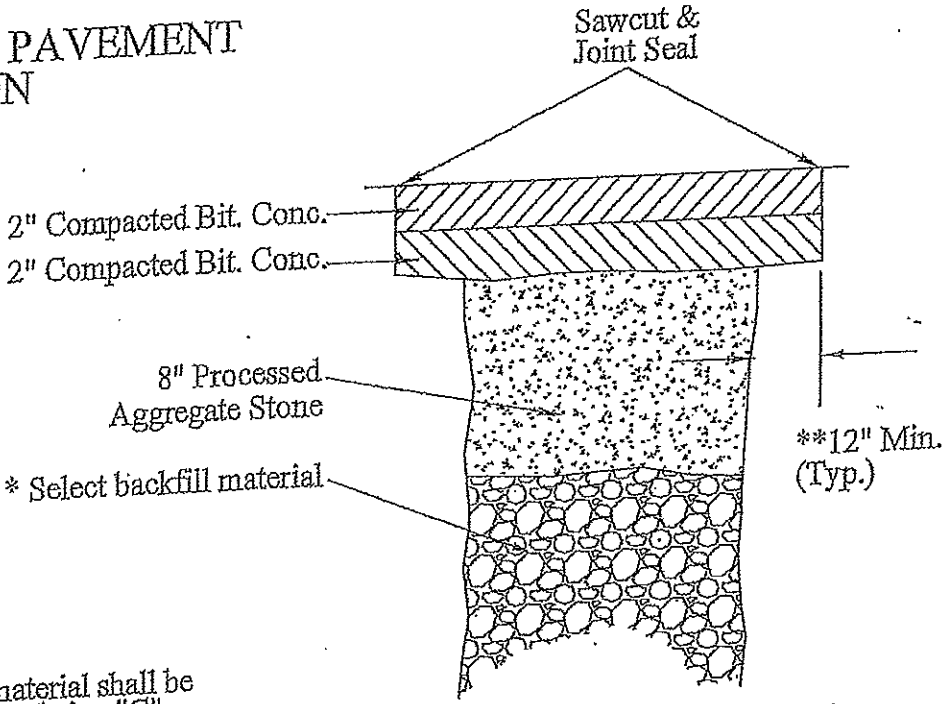
Standard Road Cross Section

DATE: Jan. 2012	SCALE: NTS

TEMPORARY PAVEMENT RESTORATION



PERMANENT PAVEMENT RESTORATION



NOTES:

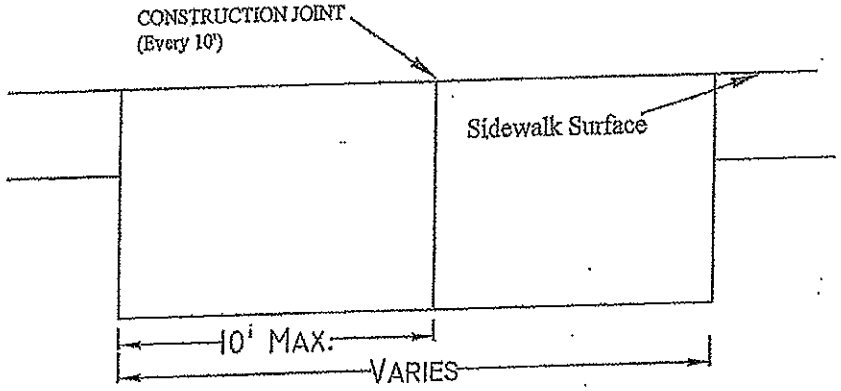
* Select backfill material shall be bank-run gravel, gradation "C", Form 813, and approved by PWD.

Processed Aggregate can be used in lieu of Bank Run Gravel

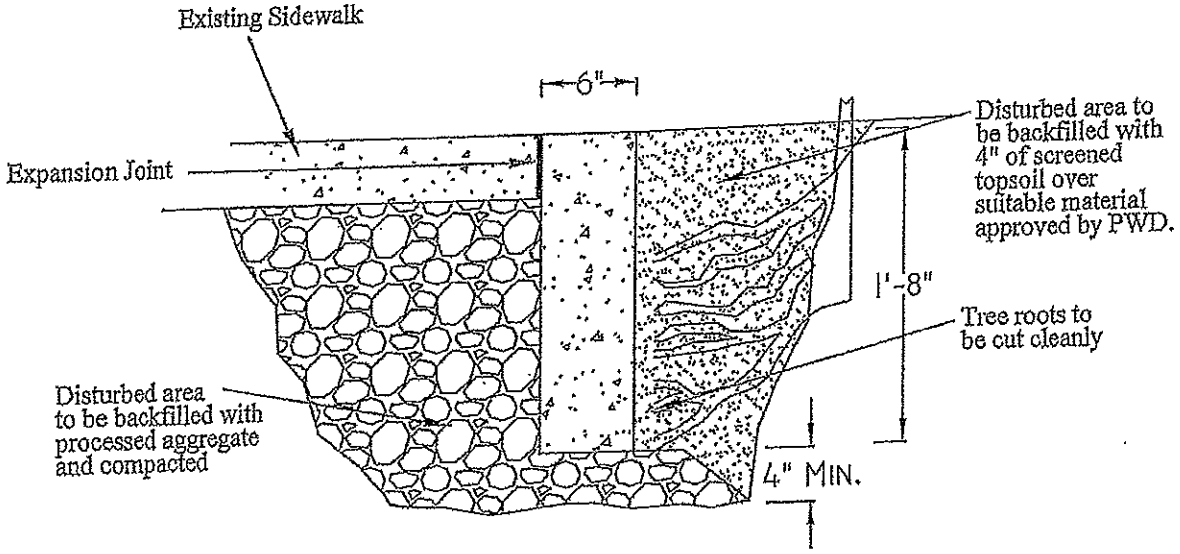
Pavement thickness must match existing pavement or as shown, whichever is greater.

** Limit of saw cut to be determined in the field by the Public Works Department

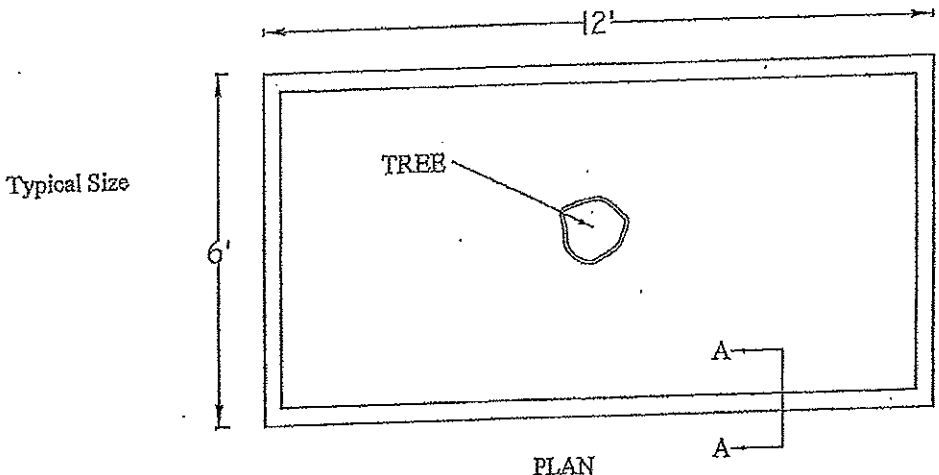
City of Middletown, CT.
Public Works Engineering Division
SHOWING
Pavement Restoration



ELEVATON



SECTION A-A



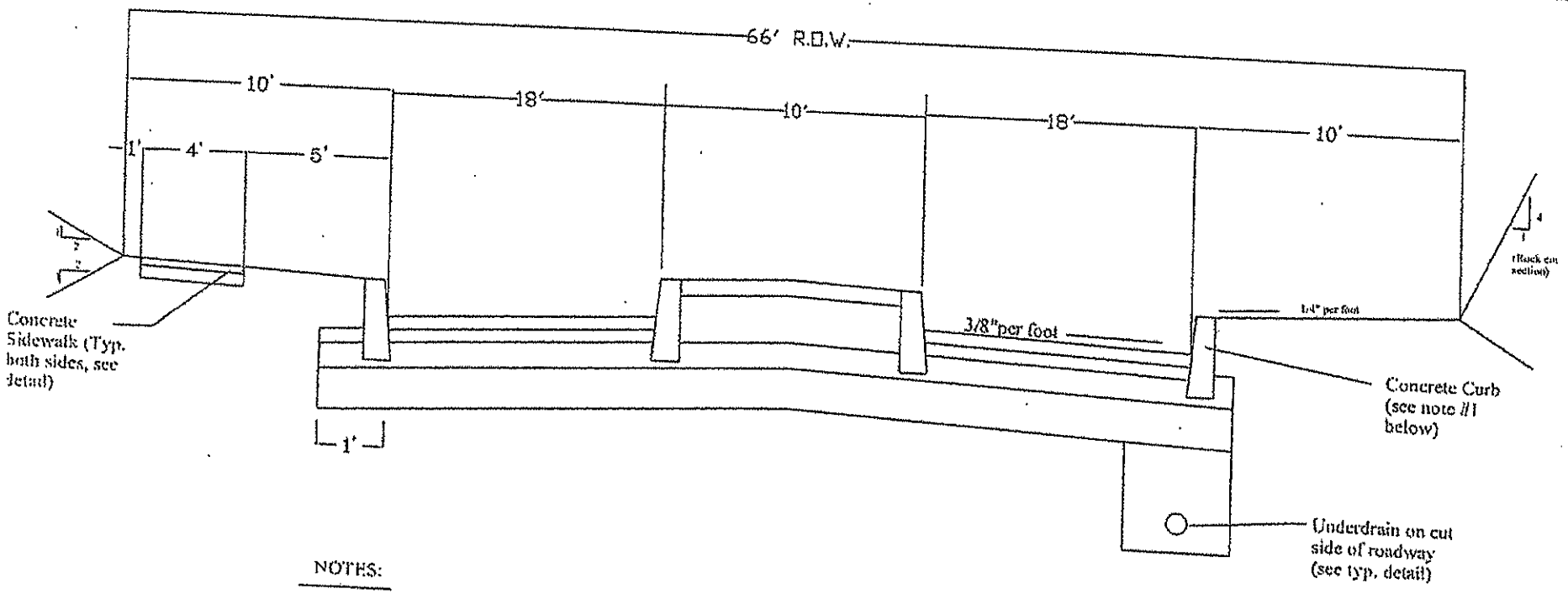
PLAN

City of Middletown, CT.
Public Works Engineering Division

SHOWING

Tree Well

SCALE: NTS



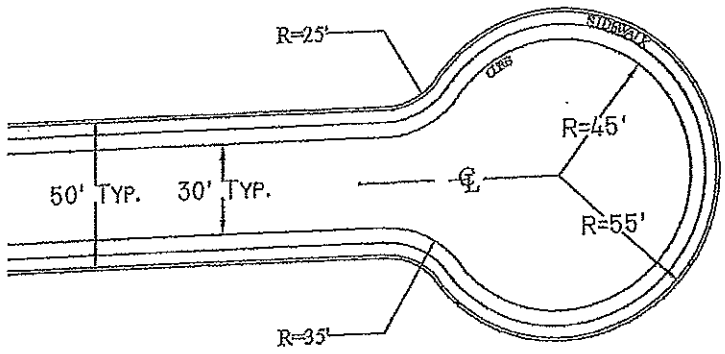
NOTES:

1. Curbing shall be Granite or Concrete.
2. Any deviations from this detail must have approval of the City Engineer.
3. Bank Run Gravel must be tested prior to use. Additional testing may be required if Public Works Representitive deems it to be necessary.
4. Subbase must be shaped and compacted prior to the placement of Bank Run Gravel.
5. All material shall adhere to standard specifications of the Public Works Department.

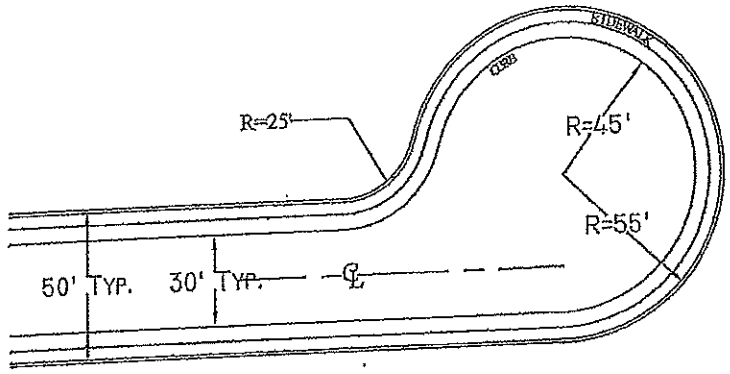
PAVEMENT SECTION

See detail for either "Typical Roadway Section" or "Industrial Road"

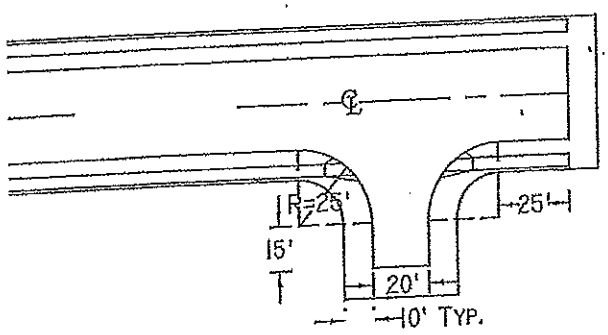
CITY of MIDDLETOWN, CT
Public Works Engineering Division
SHOWING
TYPICAL BOULEVARD SECTION
DATE: October, 2004 | SCALE: None



Standard Cul-de-Sac



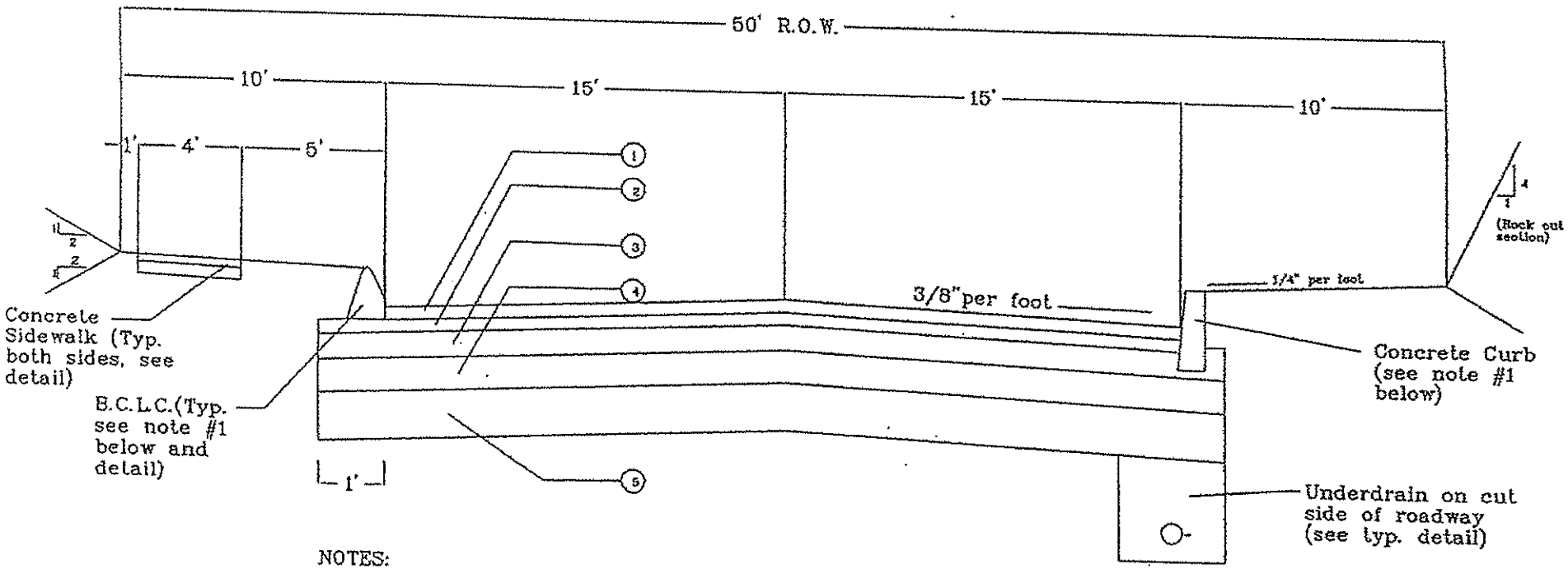
Offset Cul-de-Sac



Hammerhead

NOTES:
All radii specified are minimum.
The arrangements shown are only three options of many possible arrangements. Cul-de-sacs shall be designed so as to properly handle the type and amount of traffic involved.

City of Middletown, CT.
Public Works Engineering Division
SHOWING
Typical Cul-de-Sac Alignments
DATE: Jan. 2012
SCALE: NTS



PAVEMENT SECTION

NOTES:

1. Curbing shall be B.C.L.C. except along the radius at intersections. Curbing at intersections shall be Concrete or Granite. No B.C.L.C. is allowed in the Sanitation District.
2. Any deviations from this detail must have approval of the Public Works Director.
3. Bank Run Gravel must be tested prior to use. Additional testing may be required if Public Works Representitive deems it to be necessary.
4. Subbase must be shaped and compacted prior to the placement of Bank Run Gravel.
5. All material shall adhere to standard specifications of the Public Works Department.

(1) 2" Class II Bituminous Surface Course

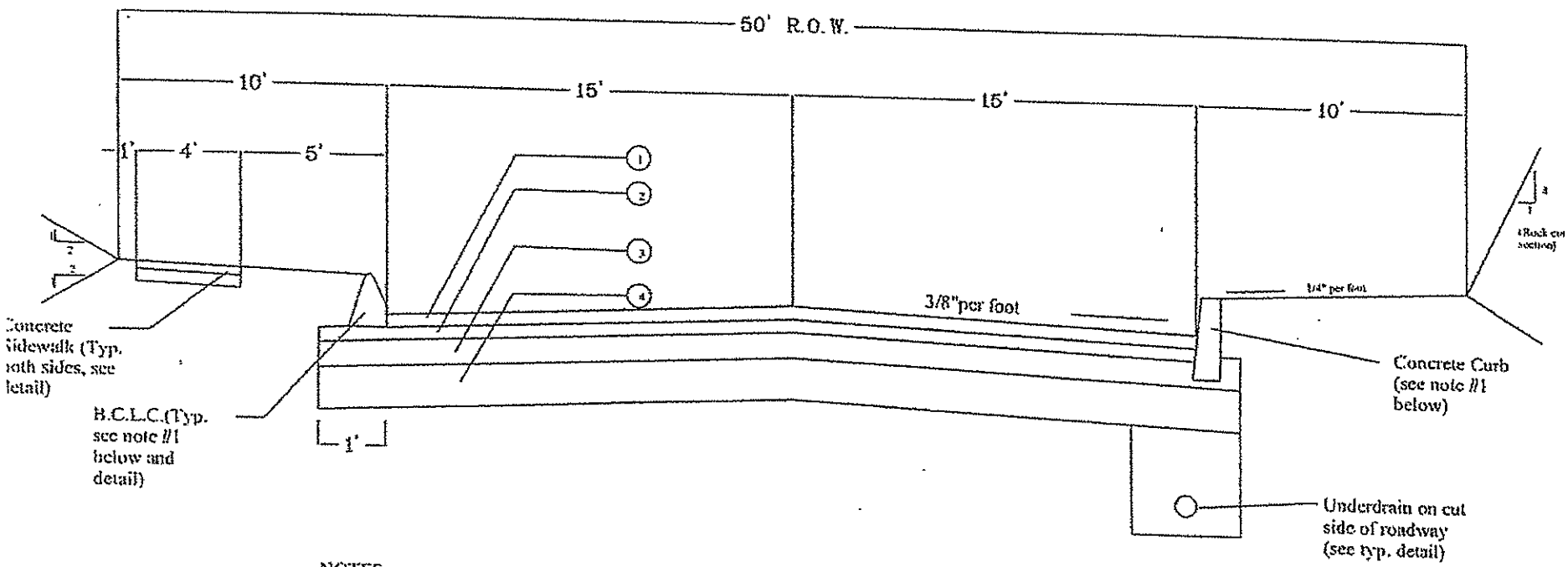
(2) 2" Class I Bituminous Binder Course

(3) 4" Class IV Bituminous Surface Course

(4) 4" Processed Aggregate Stone

(5) 8" Bank Run Gravel

CITY of MIDDLETOWN, CT
Public Works Engineering Division
SHOWING
TYP. INDUSTRIAL ROAD SECT.
DATE: Dec., 1996 | SCALE: None



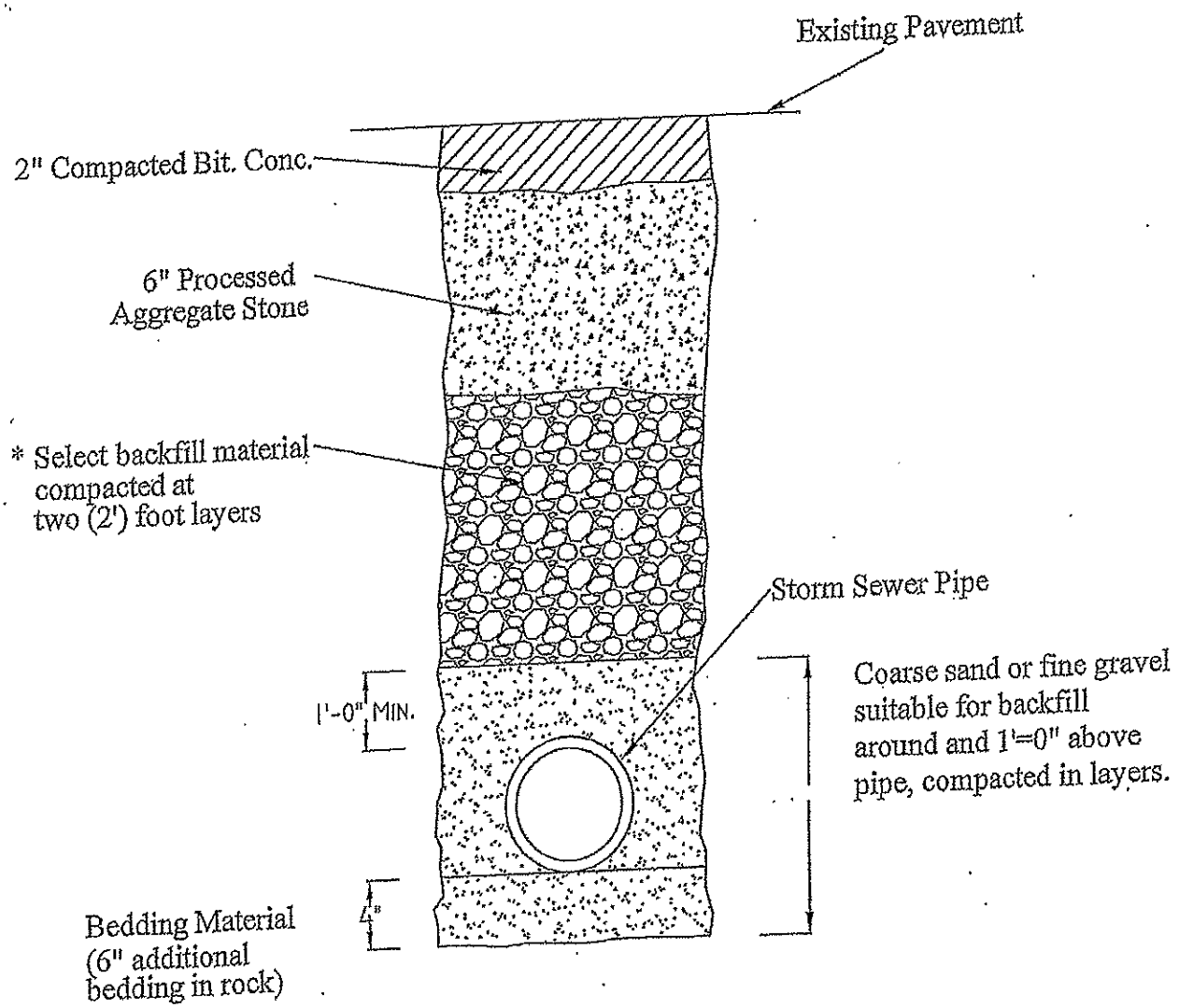
NOTES:

1. Curbing shall be Granite or Concrete.
2. Any deviations from this detail must have approval of the Public Works Director.
3. Bank Run Gravel must be tested prior to use. Additional testing may be required if Public Works Representitive deems it to be necessary.
4. Subbase must be shaped and compacted prior to the placement of Bank Run Gravel.
5. All material shall adhere to standard specifications of the Public Works Department.

PAVEMENT SECTION

1. 2" Class II Bituminous Surface Course
2. 2" Class I Bituminous Binder Course
3. 4" Processed Aggregate Stone
4. 8" Bank Run Gravel

CITY of MIDDLETOWN, CT
Public Works Engineering Division
SHOWING
TYPICAL ROADWAY SECTION
DATE: April, 1996 | SCALE: None

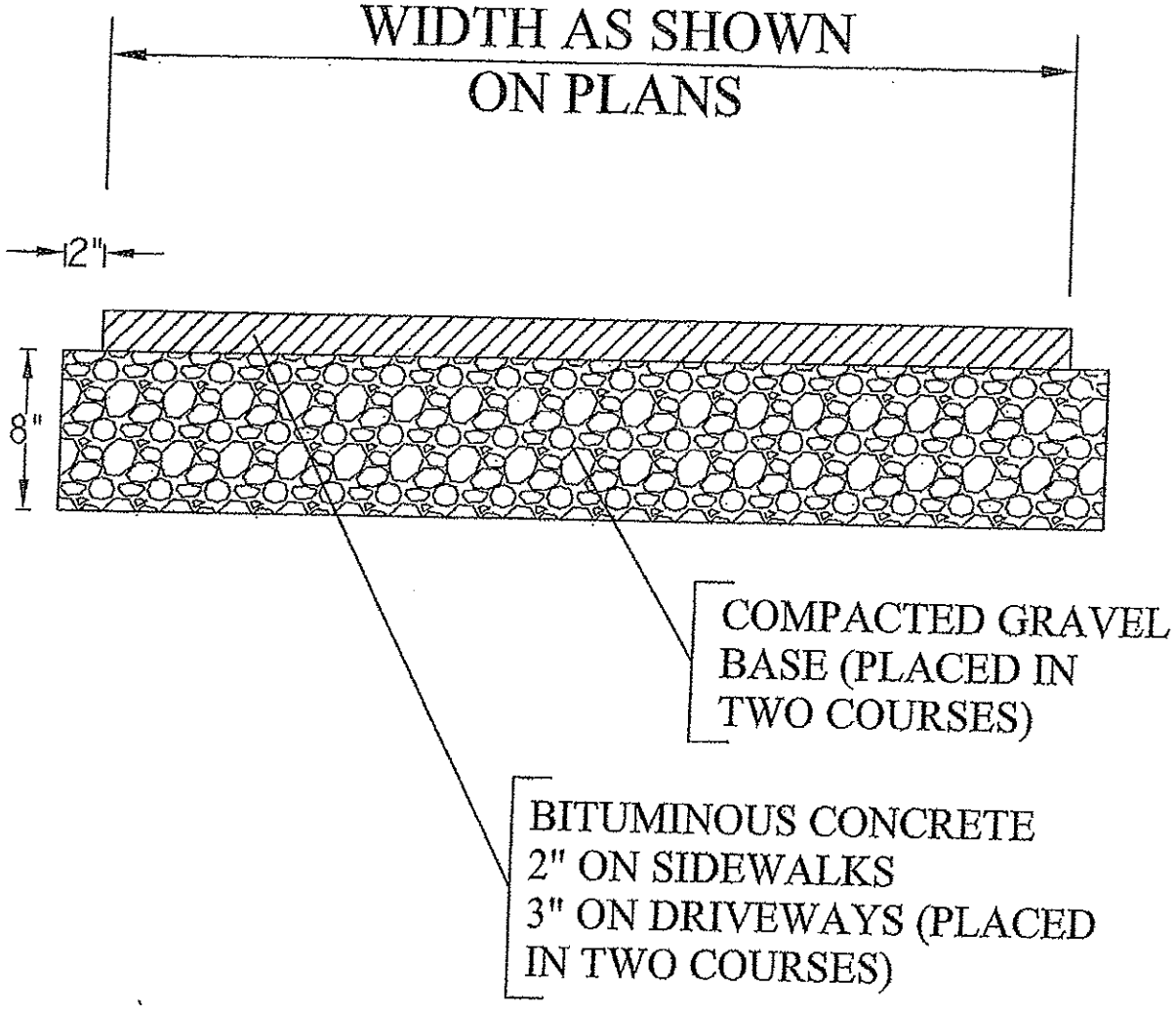


NOTES:

* Select backfill material shall be bank-run gravel, gradation "C", Form 814, and approved by PWD.

Processed Aggregate can be used in lieu of Bank Run Gravel

City of Middletown, CT.
Public Works Engineering Division
SHOWING
Typical Trench Cross-Section with Temporary Pavement
SCALE: NTS

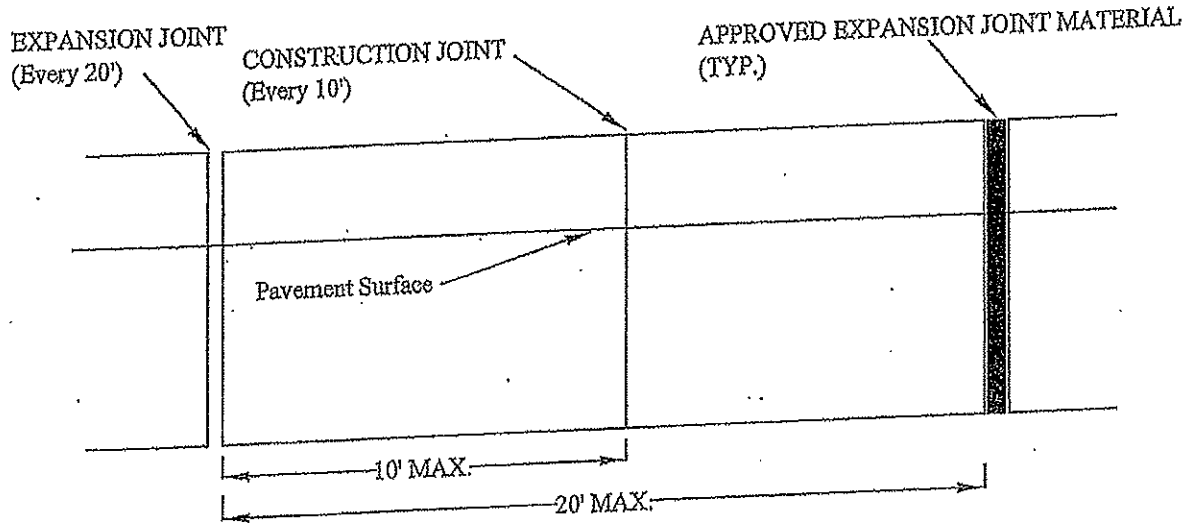


CROSS SECTION

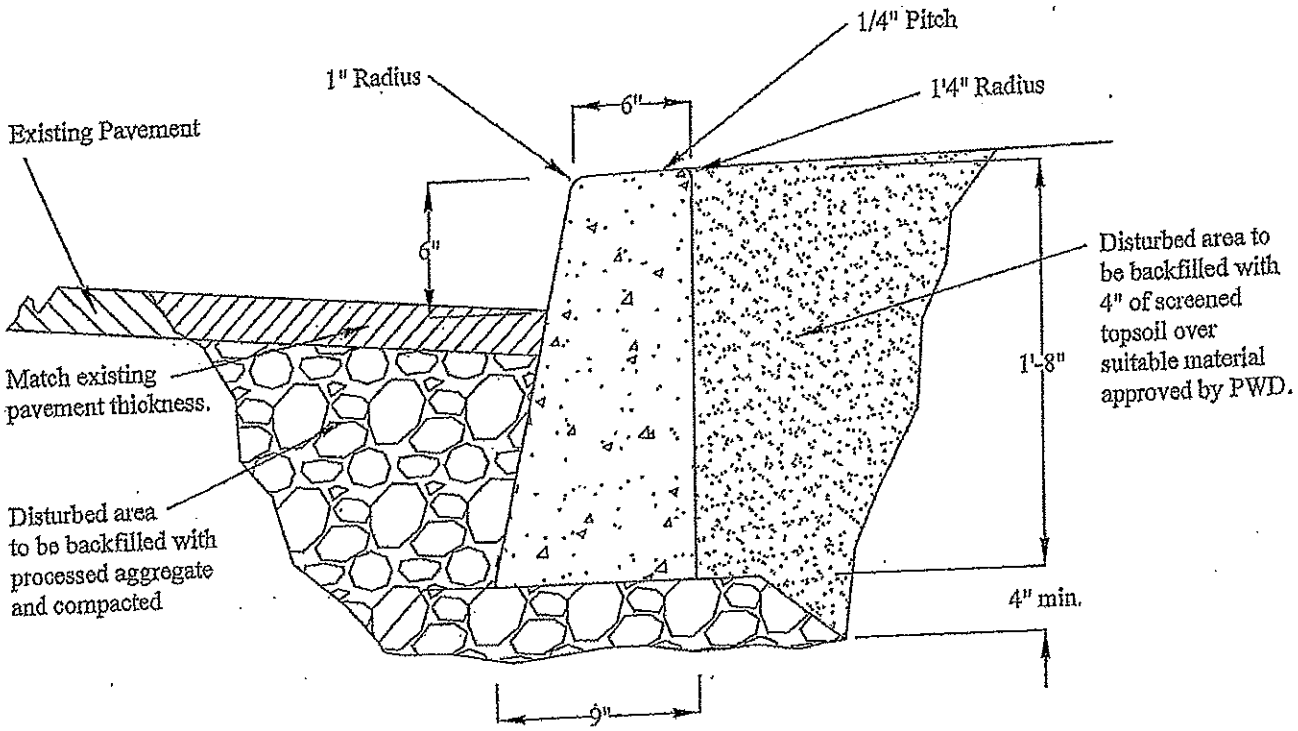
NOTES:

1. BITUMINOUS CONCRETE SHALL BE CLASS II
2. GRAVEL BASE SHALL BE BANK RUN GRAVEL OR PROCESSED AGGREGATE.

City of Middletown, CT.
Public Works Engineering Division
SHOWING
BITUMINOUS CONCRETE SIDEWALK & DRIVEWAY
DATE: July, 2014 | SCALE: NTS



ELEVATON



SECTION

NOTES:

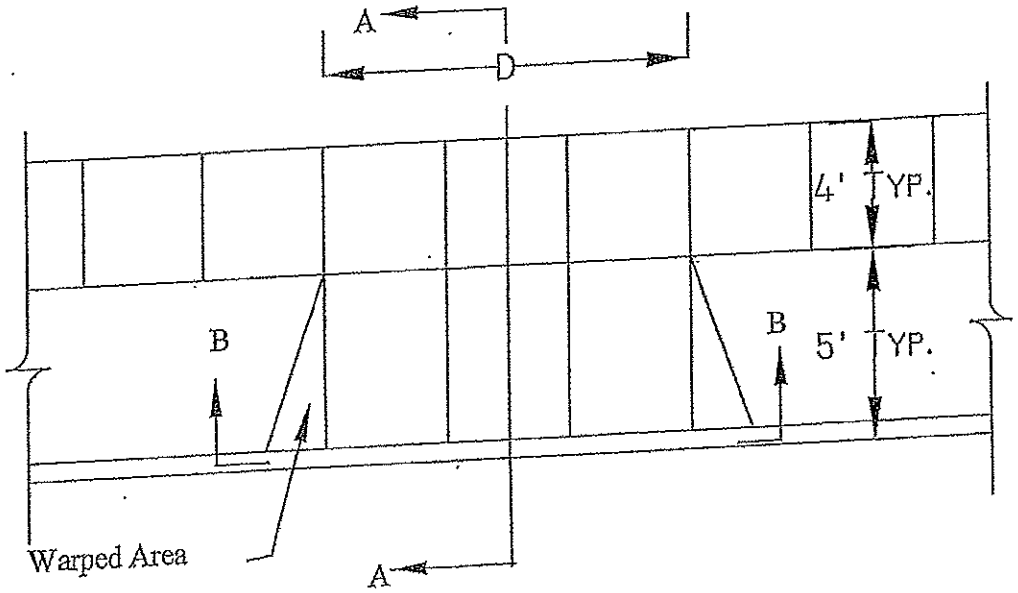
Concrete shall be class 'C' and a minimum 3,500 psi.

City of Middletown, CT.
Public Works Engineering Division

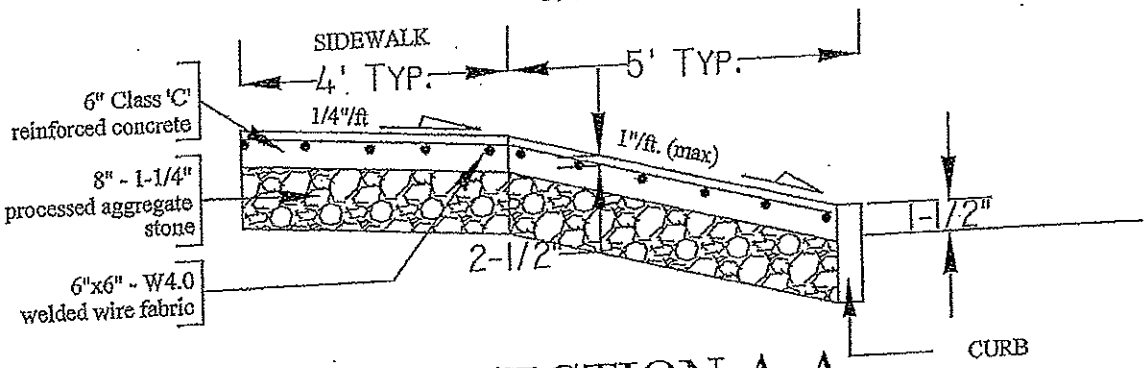
SHOWING

CONCRETE CURB

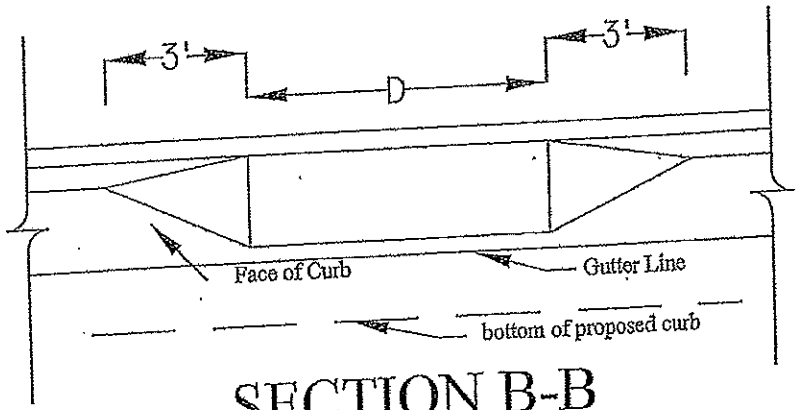
SCALE: NTS



PLAN



SECTION A-A



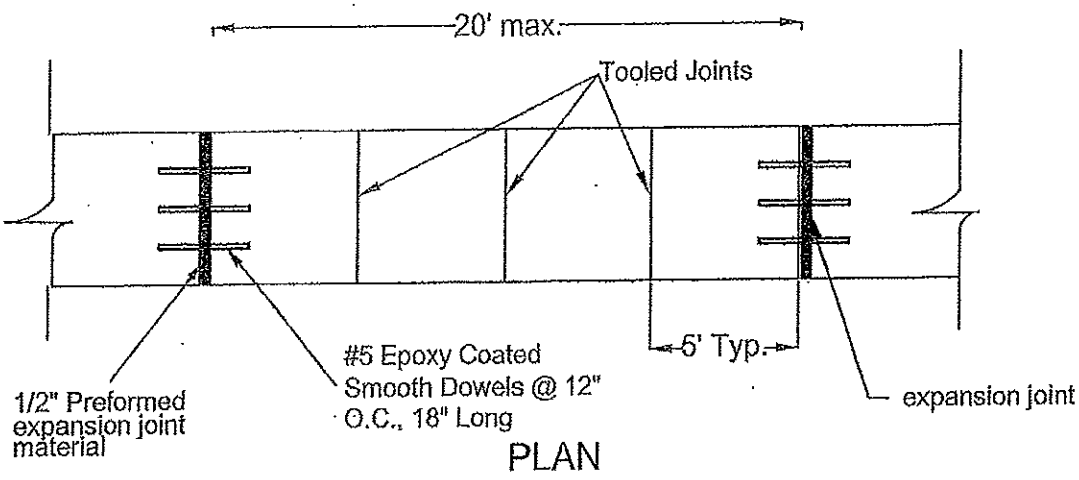
SECTION B-B

NOTES:

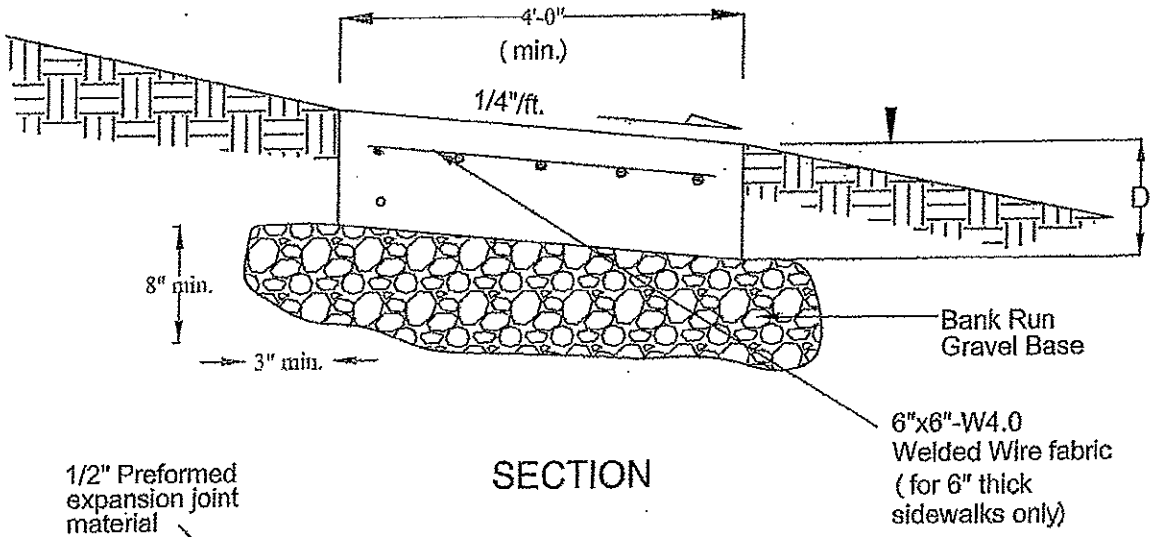
Concrete shall be class 'C' and a minimum 3,500 psi.

"D" varies from 15' to 25' except for one or two family dwellings, where the minimum width is 9'.

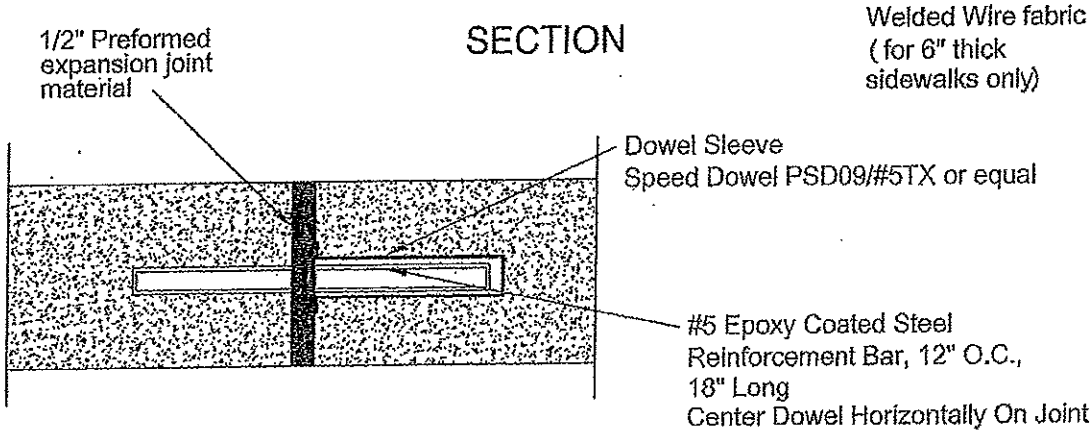
City of Middletown, CT.
Public Works Engineering Division
SHOWING
Concrete Driveway Apron
DATE: Jan 2012 | SCALE: NTS



PLAN



SECTION



EXPANSION JOINT DETAIL

NOTES: Concrete shall be class 'C' and a minimum 3,500 psi.

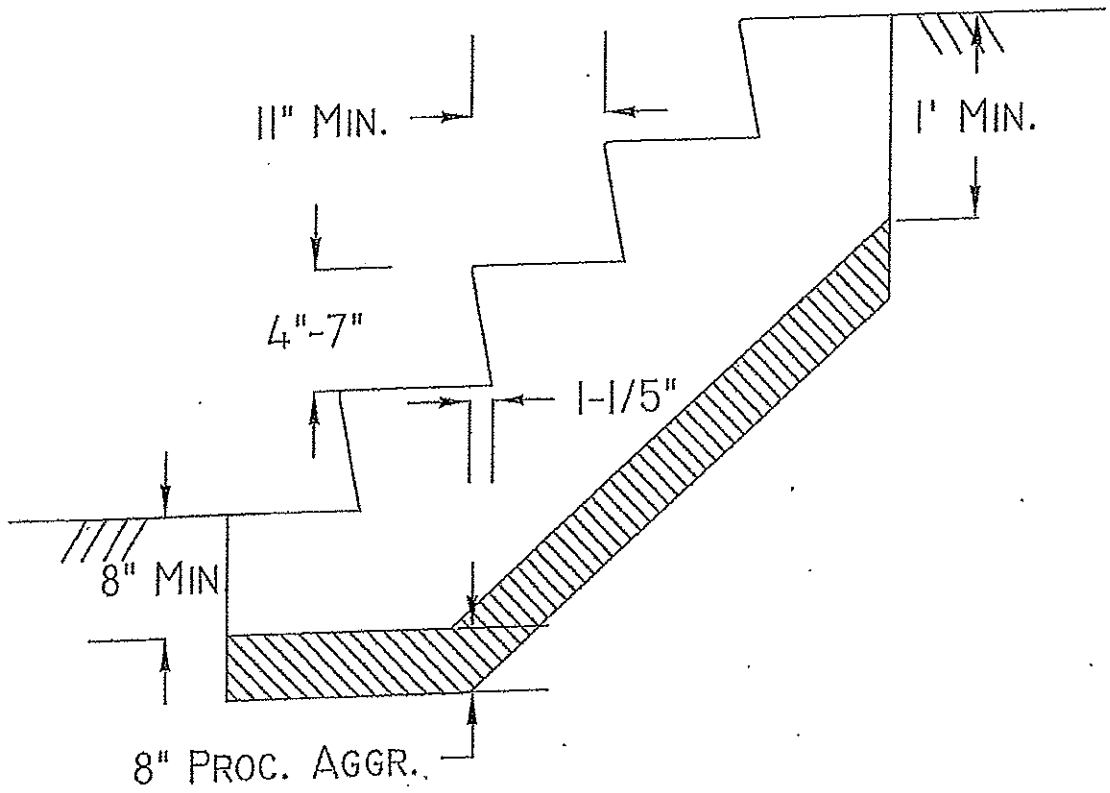
Depth of sidewalk varies from 4" to 6" and is to be determined by the Public Works Department.

All materials to be approved by the Public Works Department.

City of Middletown, CT.
Public Works Engineering Division
SHOWING
CONCRETE SIDEWALK

DATE: Dec. 2013	SCALE: NTS

All treads to be pitched 1/4" toward nosing.
All nosings to have a radius of 1/2".



All riser heights are to be uniform and within a tolerance of 3/16".
Tolerance for the entire set of steps is 3/8"
Width of steps to be 36" for single family dwellings and
44" for all other structures.

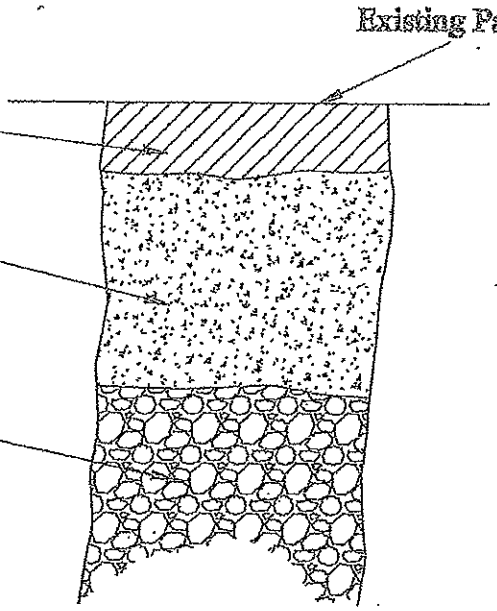
Steps shall be constructed as per the following codes and specifications:

ANSI - A117.1, 1986, sect. 4.9.
BOCA 816 & 819
NFPA 101-5-2.2.2.1

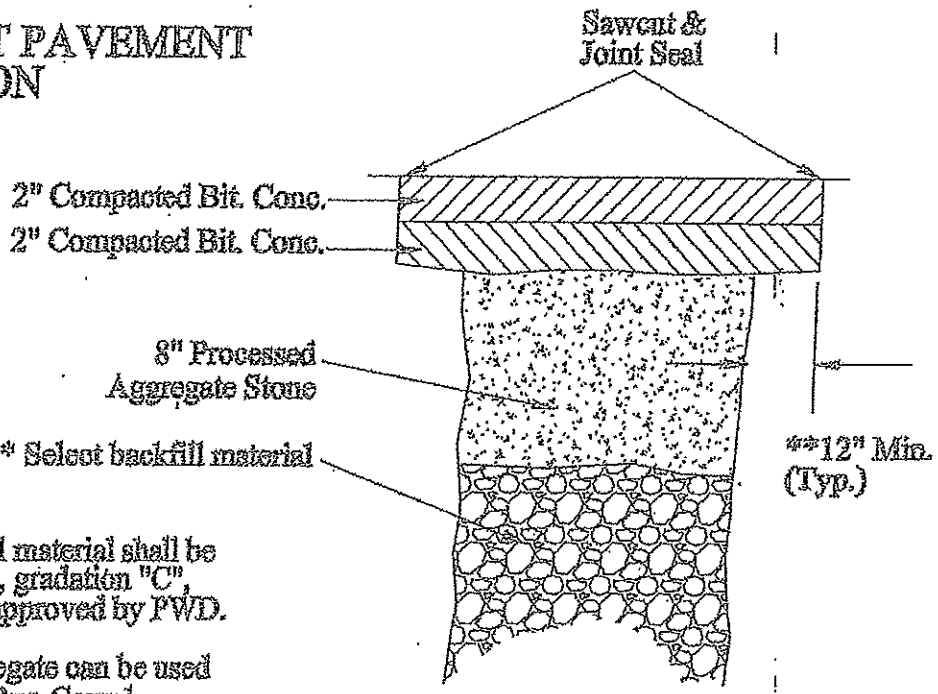
Concrete shall be certified for 3,500 psi and shall not contain less than 6% nor more than 7% entrained air. All materials for this work shall conform to the ASTM requirements.

City of Middletown, CT.
Public Works Engineering Division
SHOWING
CONCRETE STEPS
SCALE: NTS

TEMPORARY PAVEMENT RESTORATION



PERMANENT PAVEMENT RESTORATION



NOTES:

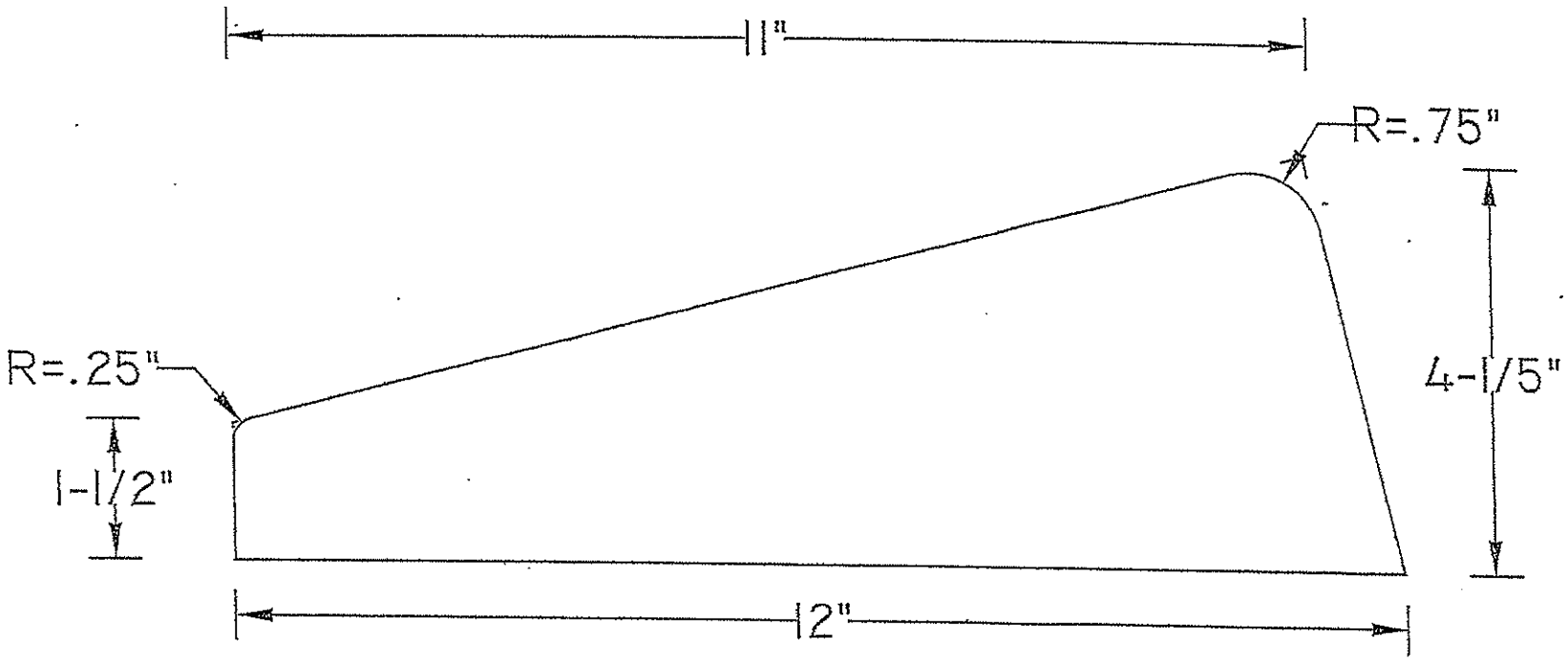
* Select backfill material shall be bank-run gravel, gradation "C" Form 813, and approved by PWD.

Processed Aggregate can be used in lieu of Bank Run Gravel

Pavement thickness must match existing pavement or as shown, whichever is greater.

** Limit of saw cut to be determined in the field by the Public Works Department

CITY of MIDDLETOWN, CT Public Works Engineering Division	
SHOWING Temporary & Permanent Pavement Restoration	
DATE: March, 2011	SCALE: None

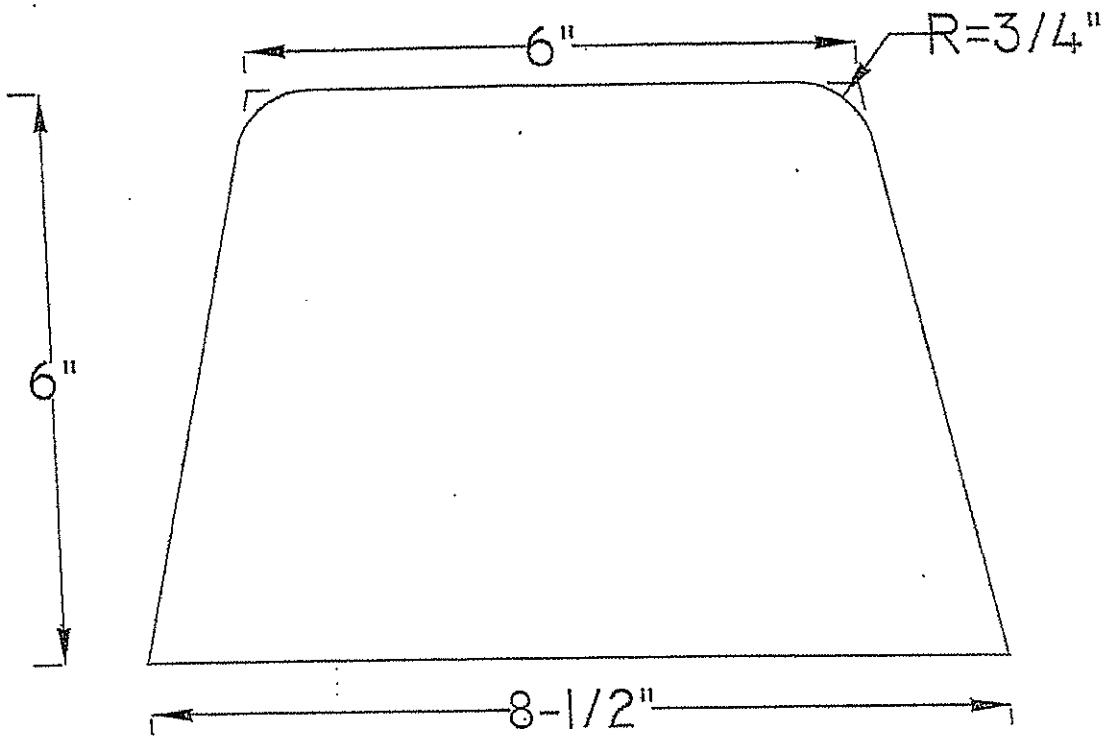


MATERIAL/CONSTRUCTION METHODS:

The material used in the concrete for machine-extruded concrete curb will meet the requirements of Section M.03. The maximum size coarse aggregate will be #8, 3/8 inch and conform to the grading requirements of the gradation table listed in Section M.01. The mix will contain a minimum of 600 lbs. of Portland cement per cubic yard and wil attain a minimum compressive strength of 4000 psi in twenty-eight (28) days.

Anchor extruded concrete curbs to existing pavement or base by using an adhesive. the adhesive will be Sika Latix, Laricrete 40, Concresive Paste LPL or other approved equal. The surface of the pavement or base will be prepared ini accordance with the manufacturers recommendations.

City of Middletown, CT. Public Works Engineering Division
SHOWING
Extruded Concrete Curb
DATE: Jan. 2012 — SCALE: NTS



MATERIAL/CONSTRUCTION METHODS:

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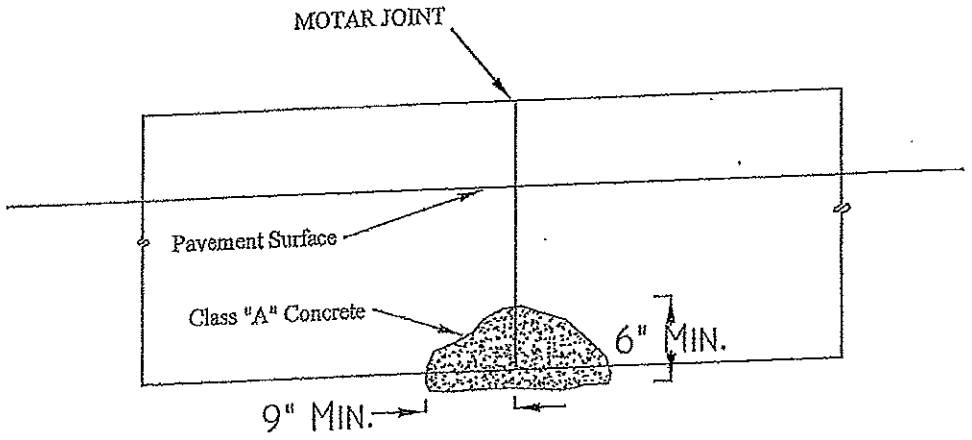
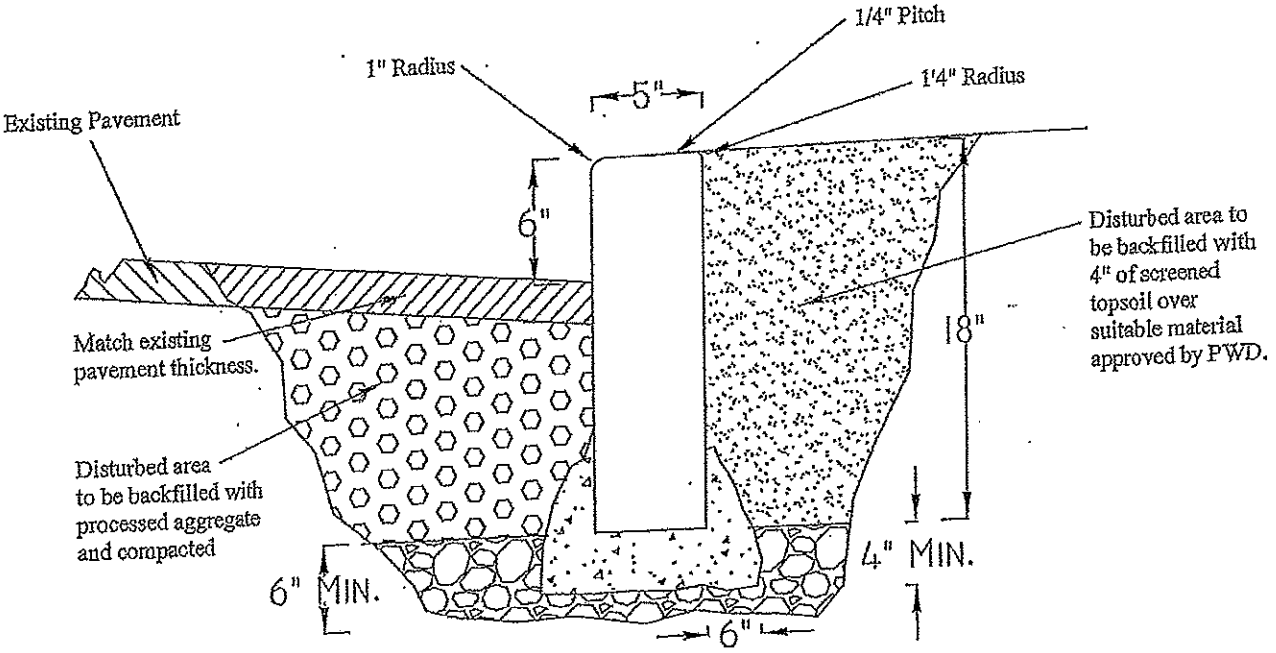
Anchor extruded concrete curbs to existing pavement or base by using an adhesive. the adhesive will be Sika Latix, Laricrete 40, Concresive Paste LPL or other approved equal. The surface of the pavement or base will be prepared ini accordance with the manufacturers recommendations.

City of Middletown, CT.	
Public Works Engineering Division	
SHOWING	
Extruded Concrete Curb	
DATE: Jan. 2012	SCALE: NTS



ELEVATON



SECTION

NOTES:

Pavement shall be saw cut one foot beyond excavation limits for permanent repair.

Expansion joints shall be placed every 50'.

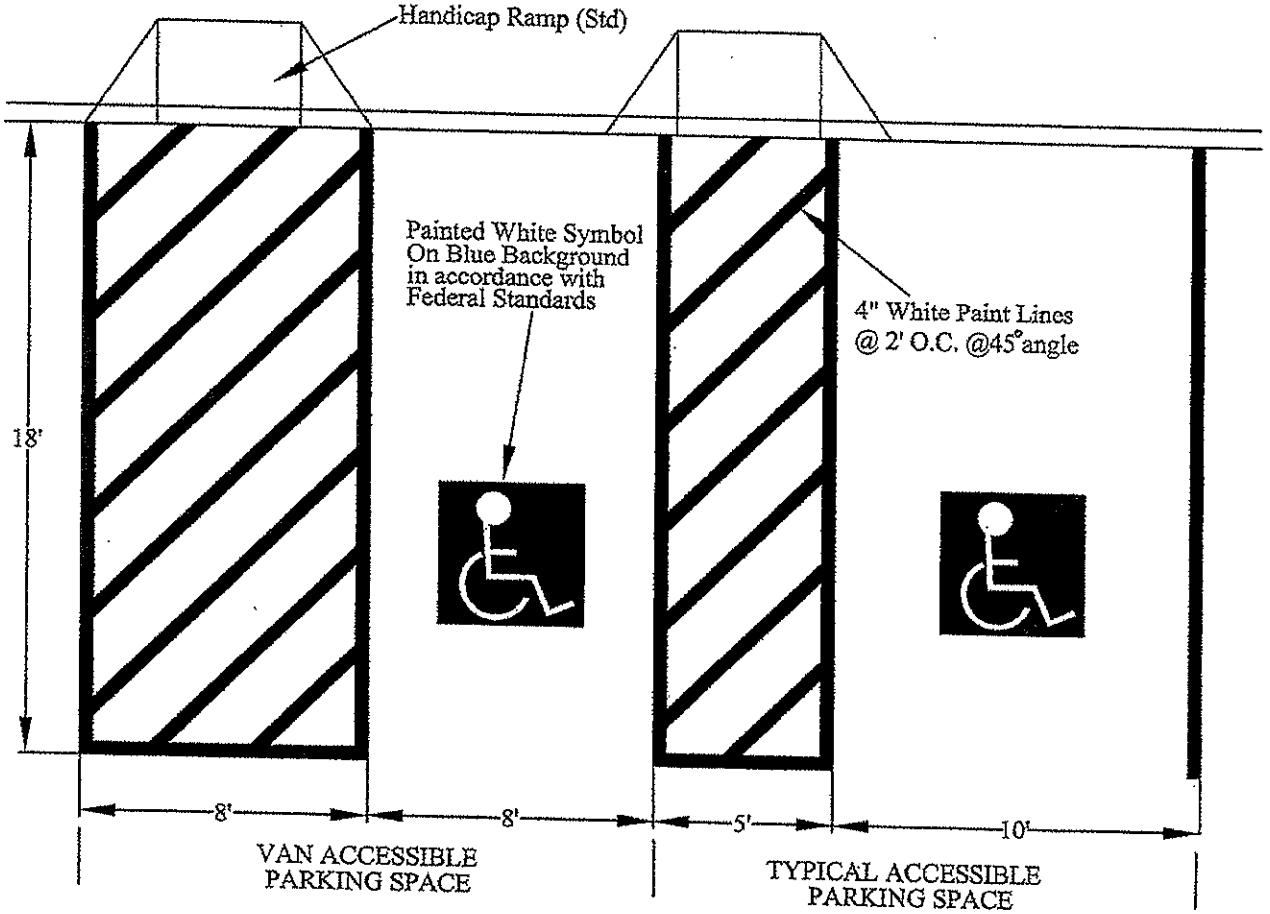
City of Middletown, CT.

Public Works Engineering Division

SHOWING

GRANITE CURBING

SCALE: NTS



As Per: CONNECTICUT LAW (CGS 14-253A) § or Middletown Zoning requirements

Total Number of Parking Lot Spaces	Number of Special Parking Spaces Required
0-200	Exempt
201-1000	1%
1001-2000	10 plus 0.8% of spaces over 1000
2001-3000	18 plus 0.6% of spaces over 2000
3001-4000	24 plus 0.4% of spaces over 3000
4001 or more	28 plus 0.2% of spaces over 4000

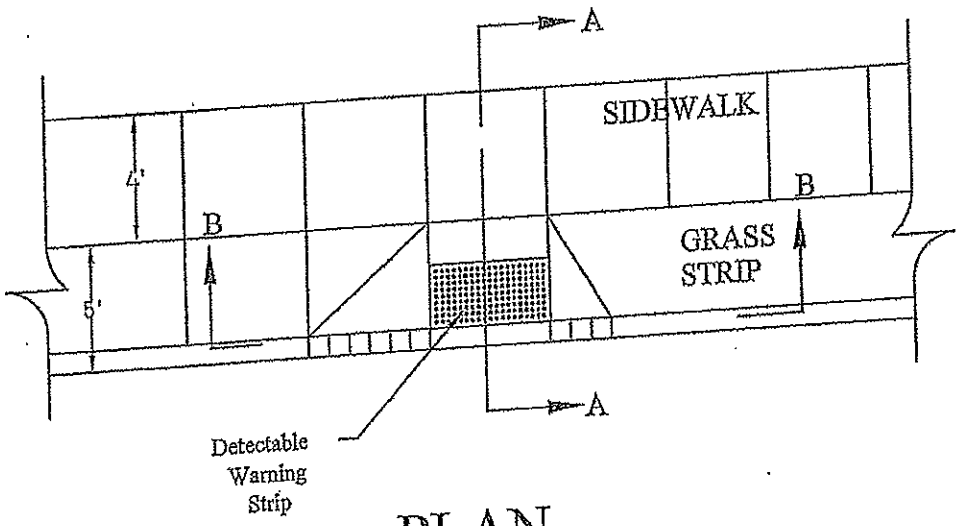
CITY of MIDDLETOWN, CT

Public Works Engineering Division

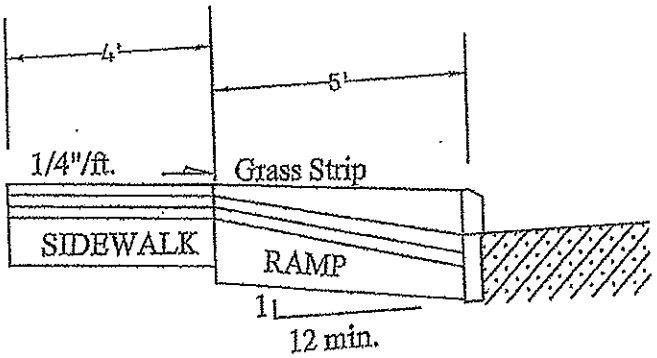
SHOWING

Handicap Parking Spaces

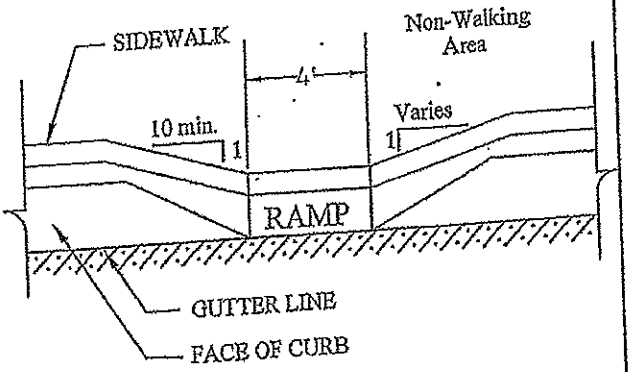
DATE: Feb. 2013 | SCALE: 1"=5'



PLAN



SECTION A-A

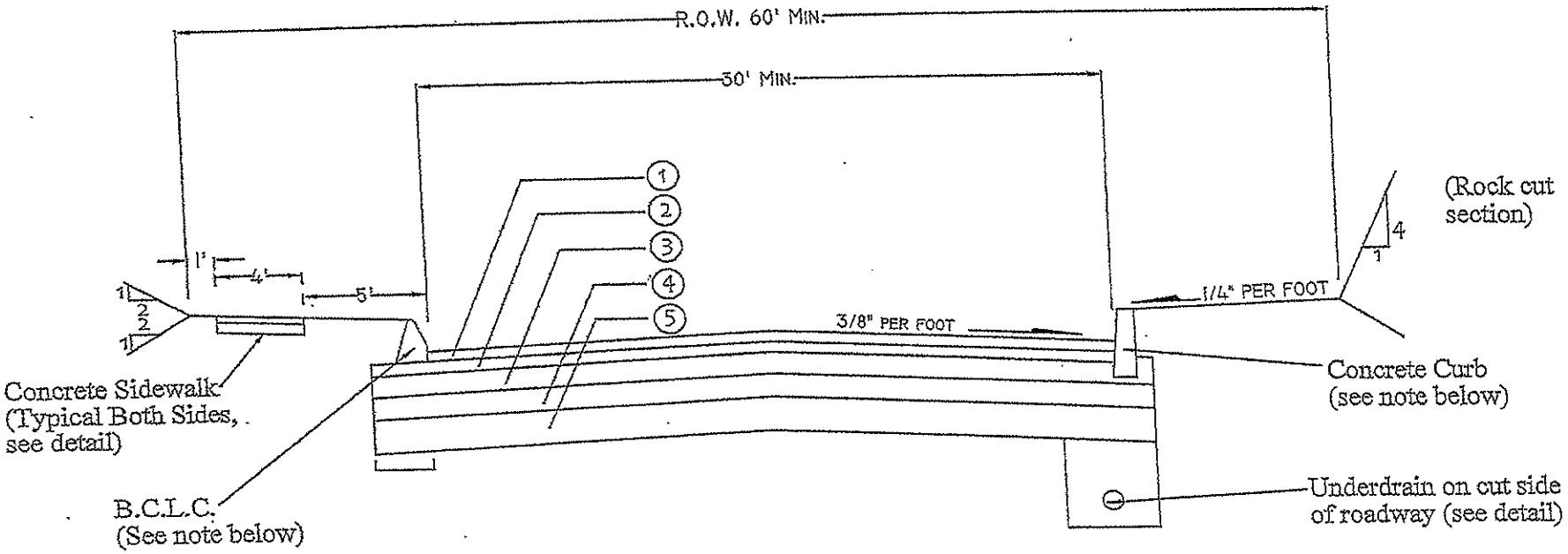


SECTION B-B

NOTES:

Concrete shall be class 'C' and a minimum 3,500 psi.
Base material to be as shown in "Concrete Sidewalk" detail.
Depth of Concrete shall be 5" and base material depth to be as shown in "Concrete Sidewalk" detail.
All ramps shall be constructed with detectable warnings, in compliance with current ADA Guidelines.
Detectable Warnings shall consist of raised truncated domes with a diameter of nominal 0.9 in.
(23mm), a height of nominal 0.2 in. (5mm) and a center-to-center spacing of nominal 2.35 in.
(60mm) and shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light.
The material used to provide contrast shall be an intergral part of the walking surface.

City of Middletown, CT. Public Works Engineering Division	
SHOWING	
Handicap Ramps	
DATE: Jan. 2012	SCALE: NTS



PAVEMENT SECTION

1. 2" Class II Bituminous Surface Course
2. 2" Class I Bituminous Binder Course
3. 4" Class IV Bituminous Concrete Base Course
4. 4" Processed Aggregate Stone
4. 8" Bank Run Gravel

NOTES:

1. Curbing shall be Granite or Concrete. BCLC is to be used only as temporary curbing.
2. Bank Run Gravel must be tested prior to use. Additional testing may be required if deemed necessary by the Public Works Representitave.
3. Subbase must be shaped and compacted prior to the placement of Bank Run Gravel.
4. All material shall adhere to the standard specifications of the Public Works Department.
5. Any deviations from this detail must have approval of the Public Works Department.

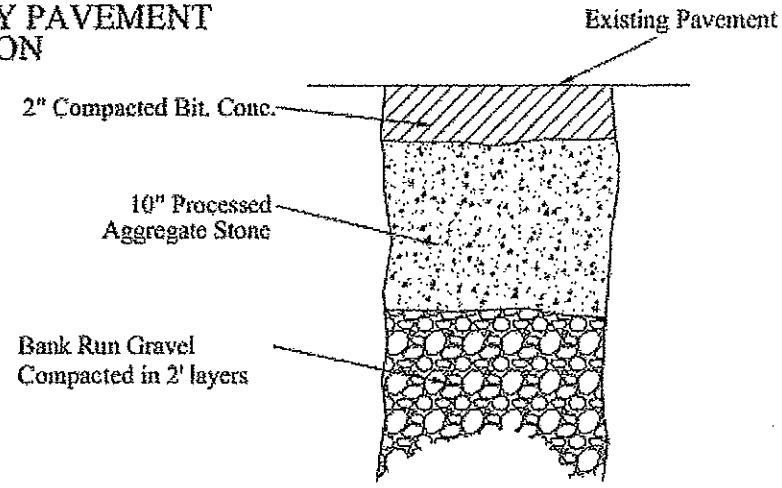
City of Middletown, CT.
Public Works Engineering Division

SHOWING

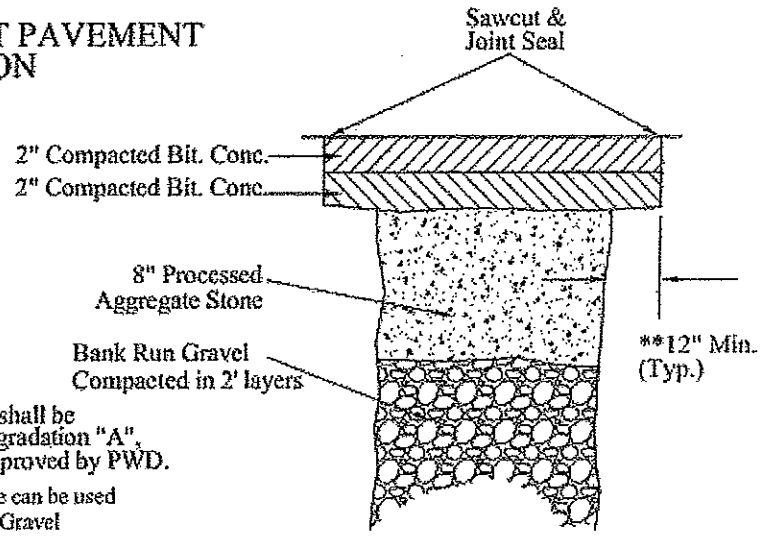
Industrial Road Cross Section

DATE: Jan. 2012	SCALE: NTS

TEMPORARY PAVEMENT RESTORATION



PERMANENT PAVEMENT RESTORATION



NOTES:

Backfill material shall be bank-run gravel, gradation "A", Form 814, and approved by PWD.

Processed Aggregate can be used in lieu of Bank Run Gravel

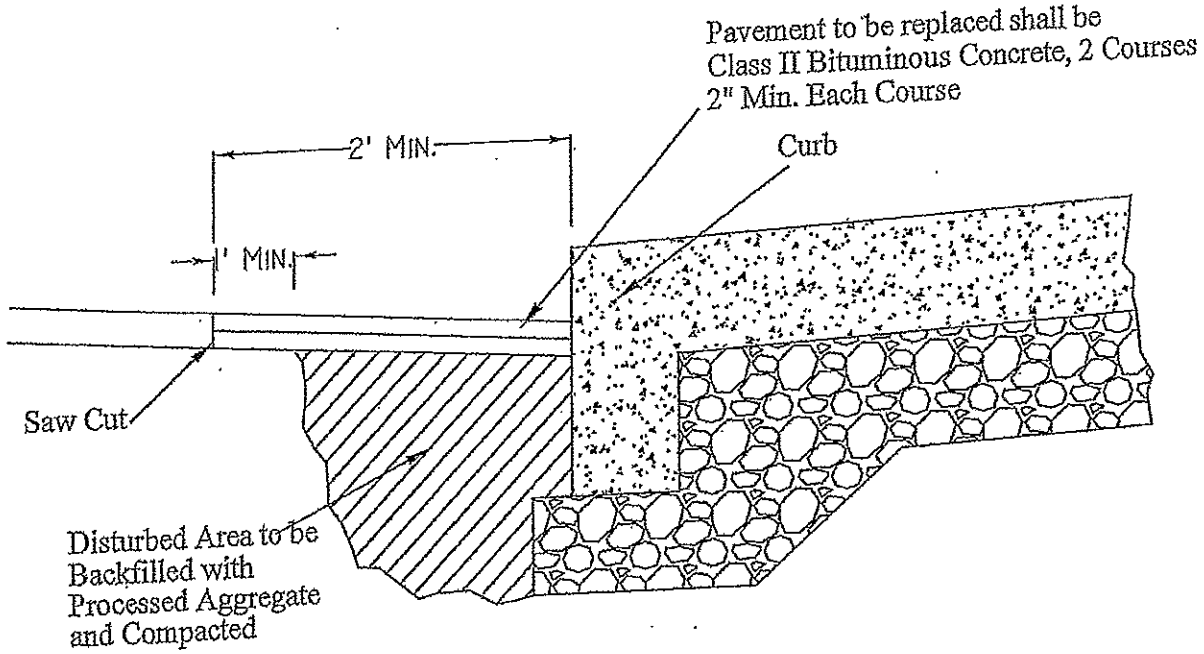
Processed Aggregate material shall conform to Section M.05.01 "Processed Aggregate Base and Pavement", Form 814. Material shall be Coarse Aggregate, finished on top with Fine Aggregate.

Pavement thickness must match existing pavement or as shown, whichever is greater.

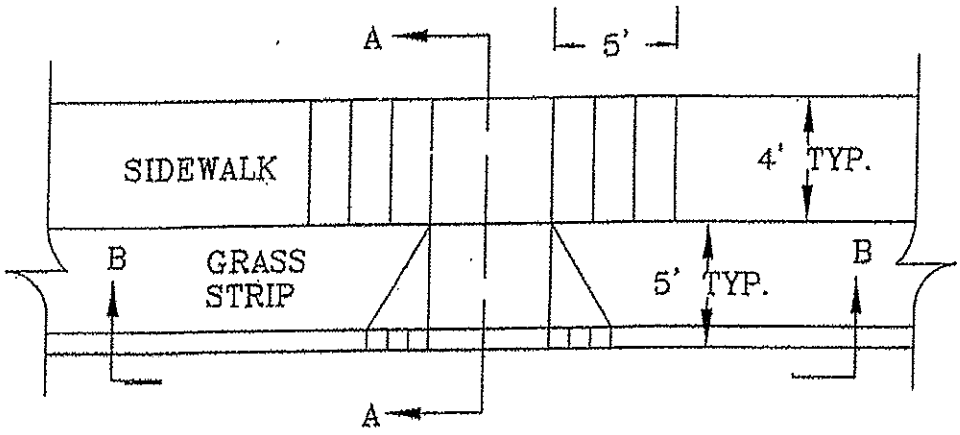
** Limit of saw cut to be determined in the field by the Public Works Department

City of Middletown, CT.
Public Works Engineering Division
SHOWING
Pavement Restoration

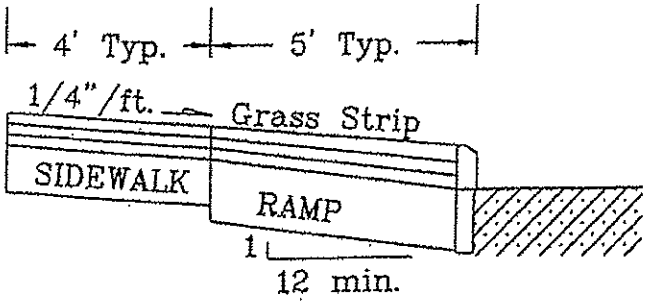
DATE: June, 2014	SCALE: NTS



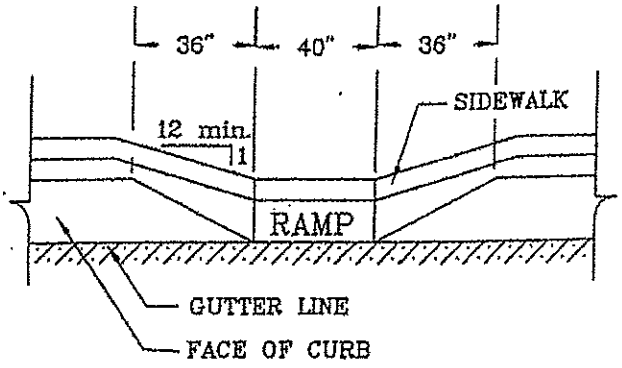
City of Middletown, CT.
Public Works Engineering Division
SHOWING
Road Repair
SCALE: NTS



PLAN



SECTION A–A



SECTION B–B

NOTES:

Concrete shall be class 'C' and a minimum 3,500 psi.

Base material to be as shown in "Concrete Sidewalk" detail.

All ramps shall be constructed in accordance with State of Connecticut General Statutes Sect. 7–118a.

All ramps shall be constructed in accordance with Public Act 79–77 of the Connecticut State Statutes.

Depth of Concrete shall be 5" and base material depth to be as shown in "Concrete Sidewalk" detail.

City of Middletown
Public Works Dept.

SHOWING

SIDEWALK RAMPS

Scale: NONE | Date: Feb.27,1994

City of Middletown

PUBLIC WORKS DEPARTMENT
245 deKoven Drive, P.O. Box 1300, Middletown, CT 06457-1300
TEL: (FAX:
e-mail: rick.romano@cityofmiddletown.com

EXCAVATION PERMIT REQUIREMENTS

Anyone who performs excavation activities within a City of Middletown roadway or right-of-way is required to obtain an excavation permit from the Public Works Department. Below are the requirements for applying for an excavation permit.

- Insurance Certificate

No permit for excavation in any highway shall be granted until the applicant files with the Department of Public Works a Certificate of Insurance evidencing comprehensive broad form liability insurance including but not limited to contractual, premises and operations, product/completed operations, independent contractors, broad form property damage and bodily injury liability insurance in the minimum amount of $1,000,000.00 combined single limits. Special Risk insurance covering underground explosion and collapse hazard in the minimum amount of $1,000,000.00, automobile liability insurance in the minimum amount of $1,000,000.00 combined single limit. Workers' Compensation Insurance to meet the minimum statutory requirements and Employer's Liability Insurance in the minimum amounts of $100,000.00 each accident; $100,000.00 disease – each employee; and $500,000.00 disease – policy limit. With the exception of Workers' Compensation and Employer's Liability Insurance, said Certificate of Insurance shall name the City of Middletown, its officers, agents, servants and employees as additional insureds. (Ordinance sec. 262-29, Par. A)

- Permit Bond

The applicant shall further file with the Department of Public Works a permit bond in the amount of ten thousand dollars ($10,000.00) for five (5) minor excavations which excavations shall be limited to utility lateral connections. Said bond shall expire upon the date indicated on the bond document or upon five (5) minor excavations being completed, whichever occurs sooner. For any extension of a utility into an existing accepted city street, the Director of the Department of Public Works or his duly authorized designee is authorized to set the amount of the permit bond, which bond shall be based upon the estimated amount of the proposed excavations. The permit bond shall be conditioned upon the applicant filling all excavation and restoring the highway in the manner set forth and prescribed in Sec. 262-27 of the Middletown "Code of Ordinances (Ordinance Sec. 262-29, Par. B).

INDEMNIFICATION AGREEMENT

Pursuant to Sec. 25-28 Bonds and Insurance Required Prior to Issuance of Permit, Chapter 25 of the Middletown Code of Ordinances, _____
Contractor

Herein after referred to as the CONTRACTOR, its officers, agents, servants and employees to the fullest extent permitted by law, agrees to indemnify and hold harmless the City of Middletown, its officers, agents, servants and employees against any and all liability (including death) judgments, damages, costs, expenses, attorney's fees and other loss, and against all claims or actions based upon or arising out of damage or injury (including death) to persons or property that result by reason of or in connection with the negligence of the CONTRACTOR, its subcontractors, independent contractors, officers, agents, servants, employees or agents in the excavation and/or restoration of the City of Middletown highway.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Signed, Sealed and Delivered in the Presence of:

_____ Witness

_____ Witness

_____ Signature

_____ Print Name

It's Duly Authorized _____ Position in Company

Date: _____

Subscribed and Sworn to before me, the undersigned officer, this _____ day of _____, 20__

_____
Commissioner of the Superior Court
Notary Public
My Commission Expires:

INDEMNIFICATION AGREEMENT

Pursuant to Sec. 25-28 Bonds and Insurance Required Prior to Issuance of Permit, Chapter 25 of the Middletown Code of Ordinances, _____
Contractor

Herein after referred to as the CONTRACTOR, its officers, agents, servants and employees to the fullest extent permitted by law, agrees to indemnify and hold harmless the City of Middletown, its officers, agents, servants and employees against any and all liability (including death) judgments, damages, costs, expenses, attorney's fees and other loss, and against all claims or actions based upon or arising out of damage or injury (including death) to persons or property that result by reason of or in connection with the negligence of the CONTRACTOR, its subcontractors, independent contractors, officers, agents, servants, employees or agents in the excavation and/or restoration of the City of Middletown highway.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Signed, Sealed and Delivered in the Presence of:

_____ _____
Witness Witness

_____
Signature

_____
Print Name

It's Duly Authorized _____
Position in Company

Date: _____

Subscribed and Sworn to before me, the undersigned officer, this _____ day of _____, 20__

_____
Commissioner of the Superior Court
Notary Public
My Commission Expires:

Subject: Road Job Permit

§ 262-38. Special permit required when travel endangered.

[Added 11-2-1987; amended 2-1-2010 by Ord. No. 34-10; 9-7-2010 by Ord. No. 78-10]

A. All permits issued by the Director of Public Works or the Chief of Police, in consequence of which public travel may be incommoded or endangered, shall authorize the party permitted to do such acts to do so in no other than a reasonable and prudent manner. No City street or any portion thereof shall be closed without a permit. These permits shall not be required for work being conducted on private property.

B. Whenever a private contractor or business needs to close any City street, street lane or any portion of a lane, or perform work in any manner that would require any vehicles to have to stop, slow down, or deviate from the vehicle lane in any manner, such contractor shall hire a police officer, if available, to direct traffic and ensure safety, unless deemed unnecessary by the Chief of Police (local traffic authority), or his/her designee. City of Middletown employees conducting official City work or Connecticut Department of Transportation employees conducting official state work on a state route or highway are exempt from the requirements of this section. In the event that a contractor or business attempts to hire a police officer, and a private duty officer is unavailable, a supervisory officer shall conduct a job site assessment and will recommend to the construction foreman/employee proper traffic flow patterns and control around the construction site.

C. A bond shall be required in an amount as determined by the Director of Public Works with the condition that the permit holder shall be liable to any person who shall receive injury as a result of the negligence of the permit holder and/or his/her/its officers, agents, servants and/or employees in doing said acts or failing to do said acts. The permit shall also have the condition that the permit holder shall hold harmless and indemnify the City of Middletown, its officers, agents, servants and employees against loss or penalty arising from injuries (including death) and/or damages resulting from the action or inaction of the permit holder, his/her/its officers, agents, servants and employees.

D. The permit holder shall further provide a certificate of insurance evidencing those insurances required pursuant to § 262-29 and naming the City of Middletown, its officers, agents, servants and employees as additional insureds.

E. Any person violating any provision of this section shall be subject to a fine of $100.

- Indemnification Agreement

The applicant shall further execute a hold harmless and indemnification agreement indemnifying the City of Middletown, its officers, agents, servants and employees from any and all liability (including death), damages and costs that result by reason of or in connection with the negligence of the applicant, his/her or its subcontractors, independent contractors, officers, servants, employees, or agents, in the excavation and/or restoration of said highway (Ordinance Sec. 262-29, Par. C)

- Document Filing Period

All such bonds and insurance coverages required by this section shall be in force during the period the permit is in effect. Any renewals shall be filed with the Department of Public Works (Ordinance Sec. 262-29, Par. D)

- Call-Before-You-Dig

By State Statute, an active Call-Before-You-Dig Location Request Number is required before a municipality can issue an excavation permit. A Location Request Number can be obtained by calling the Call-Before-You-Dig central clearinghouse at 1-800-922-4455. You will be requested to give the clearinghouse information about the exact location of the proposed excavation site.

- Excavation Requirements

All excavations within the pavement shall conform to the measurements and materials shown on the Public Works standard detail "Temporary & Permanent Pavement Restoration". If material is not from an approved source, then applicant must provide a lab test along with a sieve analysis showing that the material conforms to the material specified on the standard detail.

- Permit Fee

The fee for an Excavation Permit is $20.00 per excavation site. Cash or check, made out to The City of Middletown is acceptable. Registered public utilities and excavations pertaining to City of Middletown projects may have this fee waived upon prior approval.

- Inspections and When/Where to Apply for a Permit

Contact the Conformance Inspector, Rick Romano at for information and/or inspections required in conjunction with an Excavation Permit. Generally, permits are issued Monday through Friday between 8:30 – 9:00 a.m. and 4:00 – 4:30 p.m., excluding holidays. The application for an Excavation Permit will be made in the Engineering Division Office of the Public Works Department, Room 210, Municipal Building, 245 deKoven Drive, Middletown, CT 06457.

- Additional Information

Please contact the Engineering Department at for questions pertaining to the Excavation Permit. Applicants should be familiar with the Middletown Code of Ordinances, specifically Chapter 262, as it applies to the application and issuance of an Excavation Permit.

William Russo, Public Works Director Date 3-3-11

APPLICATION FOR PERMIT TO MAKE EXCAVATION IN STREET

DATE: _____

TO THE DEPARTMENT OF PUBLIC WORKS:

The undersigned hereby applies for permission to make excavation in _____

_____

Street at _____ for the purpose of _____

_____.

The undersigned agrees to conform to all Ordinances, Rules and Regulations concerning excavations in any street or highway in the City of Middletown and to execute the work under the supervision of the Department of Public Works and to become responsible to the City of Middletown for any and all damages that may result to any person or property for which the City of Middletown would be liable, by reason of the construction or existence of said excavation; also, if from any cause the Department of Public Works, or its agents, deem it necessary to do any work in restoring the filling, street surface or any portion of the excavation, at any time, before the repaving is finally done and accepted, to pay the cost of such work within thirty days.

Permit No. _____ Applicant _____

C.B.Y.D. Auth. # _____ Applicant Phone # _____

INDEMNIFICATION AGREEMENT

Pursuant to Sec 25-28 Bonds and Insurance Required Prior to Issuance of Permit, Chapter 25 of the Middletown Code of Ordinances, _____
Contractor

Herein after referred to as the CONTRACTOR, its officers, agents, servants and employees to the fullest extent permitted by law, agrees to indemnify and hold harmless the City of Middletown, its officers, agents, servants and employees against any and all liability(including death) judgments, damages, costs, expenses, attorney's fees and other loss, and against all claims or actions based upon or arising out of damage or injury (including death) to persons or property that result by reason of or in connection with the negligence of the CONTRACTOR, its subcontractors, independent contractors, officers, agents, servants, employees or agents in the excavation and/or restoration of the City of Middletown highway.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Signed, Sealed and Delivered in the Presence of:

_____
Witness

_____
Signature

_____
Witness

_____
Print Name

It's Duly Authorized

_____
Position in Company

Date _____

Subscribed and Sworn to before me, the undersigned officer, this _____

day of _____, 20 ___.

_____
Commissioner of the Superior Court
Notary Public
My Commission Expires:

Public Works Engineering - Site Plan Requirements

The following is a list of the minimum requirements for site plan review. Acceptance of the site plan can be denied if any of the following items are missing from the plan.

Single Family Plot Plans

- Property Lines w/ descriptions
- Assessors Map/Block/Lot #
- Curbline/Edge of Road of all streets abutting property
- Existing topography (2' contours w/ spot elevation at local high and low points)
- Proposed topography (2' contours w/ spot elevations at local low and high points and also on the driveway at the garage, back of walk, and edge of road)
- Building lines
- Location and elevation of proposed house (FF elev. and garage elev.)
- Driveway and apron (width of curb cut should be listed)
- Utility locations
- Retaining Walls
- Footing/Foundation Drains
- Wetlands Limits
- Streams or ponds
- Drainage culverts (existing or proposed)
- Scale & Date w/ revisions
- North Arrow
- Sidewalk
- Large Trees within street R.O.W.
- Proper Professional Certification
- Pins & Monuments
- Legend
- Adjacent property owners & lot #'s
- Location Plan
- Sight Distance
- Sedimentation Control System

Industrial or other Business Site Plans

- All the above requirements plus the following:
- Parking layout including handicap parking
- Handicap Ramps
- Proposed drainage including drainage calculations and retention basins if necessary
- BMP's to control runoff water quality
- Access to all buildings
- Area for waste and recyclable material

Public Works Engineering - Subdivision Plan Requirements

The following is a list of the minimum requirements for subdivision plan review. Acceptance of the plan can be denied if any of the following items are missing from the plan.

- Street Lines w/ descriptions
- Curbline/Edge of Road of all streets abutting property
- Existing topography (2' contours w/ spot elevation at local high and low points)
- Proposed topography (2' contours w/ spot elevations at local low and high points.
- Building lines
- Retaining Walls
- Possible house locations w/ proposed grading showing that each lot can meet all City requirements
- Wetlands Limits
- Streams or ponds
- Drainage culverts (existing or proposed)
- Scale & Date w/ revisions
- North Arrow
- Sidewalks and handicap ramps
- Street lights
- Large Trees within street R.O.W.
- Proper Professional Certification
- Pins & Monuments
- Sight Distance
- Legend
- Adjacent property owners & lot #'s
- Location Plan
- Sedimentation Control System
- Location of *ALL* utilities, including gas, electric, telephone, cable.
- Proposed drainage including drainage calculations and retention basins if necessary
- BMP's to control runoff water quality

BACKFILLING: Excavated material shall not be used for backfill, unless it satisfies the requirements or gradation schedule as set forth within M.02.01-Granular Fill, "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

Backfill material shall be placed in six (6) inch layers, power tamped and moistened when required to secure maximum compaction of the backfill and to reduce settlement. The material shall be compacted to 95% optimum density and shall be subject to testing by the City at the expense of the Contractor.

Temporary surfacing of bituminous concrete shall be placed as a wearing surface as set forth on "Typical Trench Cross Section with Temporary Pavement" prepared by the Public Works Engineering Division. Maintenance of all temporary paving shall be the responsibility of the Contractor.

RESTRORATION OF PAVEMENT PAVING: All permanent pavement replacement shall conform to the standard detail "Pavement Restoration" as prepared by the Engineering Division.

MATERIALS: Unless otherwise approved all materials shall conform to Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004". All materials shall be approved by the City Engineer prior to use.

PAVEMENT REPLACEMENT PERIOD: Permanent pavement restoration shall be made within five (5) months period except during winter months. Permanent pavement restoration of all pavement shall be made between the end of April and before the 15th of October.

NOTIFICATION BY CONTRACTOR: Notice of the date and location of excavation or restoration work shall be given the Engineering Division at least forty eight (48) hours before the work is started.

UNRESTORED CUTS: The cost of completing unrestored cuts encountered by the City during repaving, and completed by the City, shall be billed against and paid for by the Contractor making the cut that was not restored.

MATERIAL SPECIFICATIONS

Processed Aggregate:

The materials for this work shall conform to specification M.05.01-Processed Aggregate Base and Pavement, as set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

Bank Run Gravel:

The materials for this work shall conform to specification M.02.03-Granular Base, Rolled Bank Gravel Surface and Traffic Bound Gravel Surface for use in the base course of the roadway section, and M.02.01-Granular Fill for use in backfilling trenches within the paved area. These specifications are set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

Pipe:

The materials for this work shall conform to specification M.08.01
Section 2-Coated Corrugated Metal Pipe or
Section 6. Reinforced Concrete Pipe or
Section 10-Slotted Reinforced Concrete Pipe or
Section 14-Corrugated Aluminum Pipe or
Section 25-Corrugated Polyethylene Pipe or
Section 27-Polyvinyl Chloride Pipe, as set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004".

Bituminous Concrete:

The materials for this work shall conform to specification M.04 as set forth in the State of Connecticut "Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004", and the classes are as follows:

Pre-mix for industrial areas	Class IV
Binder Course	Class I
Surface Course	Class II
Driveways Aprons	Class II

TECHNICAL SPECIFICATIONS FOR STREET EXCAVATION

1. EXCAVATED MATERIAL: All material excavated from trenches shall be removed from the work site.
2. CONSTRUCTION MATERIALS: Construction materials on the site shall be limited in quantity and space occupying area so as not to hinder or block the use of the street. There shall be no piled material left within the street right of way overnight without special permission from the Director of Public Works.
3. DUST AND CLEAN UP: As the excavation work progresses, all streets shall be thoroughly cleaned of rubbish, excess earth, rock and other debris. The permittee shall take necessary precautions to prevent and avoid dust and to keep the streets clean each day. All clean-up operations shall be carried out to the satisfaction of the Director of Public Works.
4. PROTECTION OF CURBS AND GUTTERS: The Contractor shall maintain all gutters free and unobstructed for the full depth of the adjacent curb and for at least three feet in width from the face of the curb at the cutter line. Catch basins shall be kept clear and serviceable. The Contractor shall make provisions to take care of all surplus water, muck, silt, or other run-off from excavations and shall be responsible for any other damage resulting from his failure to so provide.
5. NOISE: Each Contractor shall conduct and carry out excavation work in such manner as to avoid unnecessary inconvenience and annoyance to the general public and occupants of neighboring properties. During the hours of 9:00 p.m. to 7:00 a.m., he shall not use, except with express written approval of the Director of Public Works or in case of emergency, any tool, appliance or equipment producing noise of sufficient volume to disturb the sleep or repose of occupants of the neighboring property.
6. TRENCHES: The maximum length of open trench permissible at any time shall be in accordance with existing ordinances or regulations or as may be specified by the City Engineer. No greater length shall be opened for pavement removal, excavation, construction, backfilling, patching and all other operations without the written permission of the City Engineer
7. PROMPT COMPLETION OF WORK: After excavation has commenced, the Contractor shall prosecute with diligence and expedition all excavation work covered by the excavation permit and shall promptly complete such work and shall restore the street to its original condition, so as not to obstruct the street or travel thereon more than is reasonably necessary.
8. BREAKING THROUGH PAVEMENT:
    1. The use of heavy duty pavement breakers or hydro-hammers for breaking pavement is prohibited on all streets unless written permission is granted by the Director of Public Works. Saw cutting is preferred.
    2. Approved cutting of bituminous pavement surface ahead of excavations is required to confine pavement damage to the lines of the trench.
    3. Sections of sidewalk shall be removed to the nearest score-line or approved saw cut edge.
    4. Unstable pavement shall be removed over cave-outs and over breaks and the sub-grade shall be treated as the main trench.
    5. Pavement edges shall be trimmed to a vertical face and neatly aligned with the centerline of the trench.
    6. Cut-outs outside the trench lines must be normal or parallel to the trench line.
    7. Excavations shall be made on open cut and no tunneling will be allowed except by special permission by the Director of Public Works. Trenches and excavations shall be braced and sheeted when necessary.