Brownfield Cleanup Program Application

348 Langner Road Site
West Seneca, New York

March 2011 0123-005-101

Prepared for:

Delta-Sonic Car Wash Systems, Inc.

Prepared by:

TurnKey Environmental Restoration, LLC

2558 Hamburg Turnpike, Buffalo, New York | phone: (716) 856-0635 | fax: (716) 856-0583

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

BROWNFIELD CLEANUP PROGRAM (BCP)

ECL ARTICLE 27 / TITLE 14

DEPARTMENT USE ONLY
BCP SITE #:

07/2010

Section I. Requestor Information

NAME Delta-Sonic Car Wash Systems, Inc.

ADDRESS 570 Delaware Avenue

CITY/TOWN Buffalo ZIP CODE 14202

PHONE 716-886-0931 FAX 716-886-1026 E-MAIL

Is the requestor authorized to conduct business in New York State (NYS)? ☑ Yes ☐ No

-If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database. A print-out of entity information from the database must be submitted to DEC with the application, to document that the applicant is authorized to do business in NYS.

NAME OF REQUESTOR'S REPRESENTATIVE Mr. Michael DePriest

ADDRESS 570 Delaware Avenue

CITY/TOWN Buffalo ZIP CODE 14202

PHONE 716-886-0931 FAX 716-886-1026 E-MAIL mikedepriest@benderson.com

NAME OF REQUESTOR'S CONSULTANT TurnKey Environmental Restoration, LLC

ADDRESS 2558 Hamburg Turnpike, Suite 300

CITY/TOWN Buffalo ZIP CODE 14218

PHONE 716-856-0599 FAX 716-856-0583 E-MAIL mlesakowski@benchmarkturnkey.com

NAME OF REQUESTOR'S ATTORNEY Mr. Craig Slater, Esq. (Harter, Secrest, & Emery, LLP)

ADDRESS Twelve Fountain Plaza, Suite 400

CITY/TOWN Buffalo ZIP CODE 14202

PHONE 716-845-4223 FAX 716-853-1617 E-MAIL cslater@hselaw.com

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☑ PARTICIPANT
A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

☐ VOLUNTEER
A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, the requestor certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; and iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

Requestor Relationship to Property (check one):

☐ Previous Owner ☑ Current Owner ☐ Potential /Future Purchaser ☐ Other_____

If requestor is not the site owner, requestor will have access to the property throughout the BCP project. ☐ Yes ☐ No

-Proof of site access must be submitted for non-owners

Section II. Property Information

Check here if this application is to request significant changes to property set forth in an existing BCA: ☐
Existing BCP site number:_____

PROPERTY NAME 348 Langner Road Site

ADDRESS/LOCATION 348 Langner Road CITY/TOWN West Seneca ZIP CODE 14224

MUNICIPALITY(IF MORE THAN ONE, LIST ALL):
Town of West Seneca

COUNTY Erie SITE SIZE (ACRES) 2.6

LATITUDE (degrees/minutes/seconds) N42 ° 49 ' 42 " LONGITUDE (degrees/minutes/seconds) W78 ° 47 ' 25 "

HORIZONTAL COLLECTION METHOD: ☐ SURVEY ☐ GPS ☑ MAP HORIZONTAL REFERENCE DATUM: NAD 83

COMPLETE TAX MAP INFORMATION FOR ALL TAX PARCELS INCLUDED WITHIN THE PROPERTY BOUNDARIES. ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.

Parcel Address	Parcel No.	Section No.	Block No.	Lot No.	Acreage
348 Langner Road	348	143.05	2	1.111	2.6

1. Do the property boundaries correspond to tax map metes and bounds? ☑ Yes ☐ No
   If no, please attach a metes and bounds description of the property.
2. Is the required property map attached to the application? (application will not be processed without map) ☑ Yes ☐ No
3. Is the property part of a designated En-zone pursuant to Tax Law § 21(b)(6)? ☐ Yes ☑ No
   For more information please see Empire State Development's website.
   If yes, identify area (name) _____
   Percentage of property in En-zone (check one): ☑ 0-49% ☐ 50-99% ☐ 100%
4. Is this application one of multiple applications for a large development project, where the development project spans more than 25 acres (see additional criteria in BCP application instructions)? If yes, identify name of properties in related BCP applications:_____ ☐ Yes ☑ No

5. Property Description Narrative:

see Attachment 1

6. List of Existing Easements (type here or attach information)

Easement Holder	Description
NA	

7. List of Permits issued by the NYSDEC or USEPA Relating to the Proposed Site (type here or attach information)

Type	Issuing Agency	Description
Petroleum Bulk Storage	NYSDEC	Permit No. 9-225274

If any changes to Section II are required prior to application approval, a new page, initialed by each requestor, must be submitted.

Initials of each Requestor: _____ _____ _____ _____ _____ _____

Section III. Current Property Owner/Operator Information

OWNER'S NAME Delta-Sonic Car Wash Systems, Inc.		
ADDRESS 570 Delaware Avenue		
CITY/TOWN Buffalo	ZIP CODE 14202	
PHONE 716-886-0931	FAX 716-886-1026	E-MAIL
OPERATOR'S NAME same as above		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL

Section IV. Requestor Eligibility Information (Please refer to ECL § 27-1407)

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

1. Are any enforcement actions pending against the requestor regarding this site? ☐ Yes ☑ No
2. Is the requestor subject to an existing order relating to contamination at the site? ☐ Yes ☑ No
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? ☐ Yes ☑ No
4. Has the requestor been determined to have violated any provision of ECL Article 27? ☐ Yes ☑ No
5. Has the requestor previously been denied entry to the BCP? ☐ Yes ☑ No
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving contaminants? ☐ Yes ☑ No
7. Has the requestor been convicted of a criminal offense that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration? ☐ Yes ☑ No
8. Has the requestor knowingly falsified or concealed material facts or knowingly submitted or made use of a false statement in a matter before the Department? ☐ Yes ☑ No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.8(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐ Yes ☑ No

Section V. Property Eligibility Information (Please refer to ECL § 27-1405)

1. Is the property, or was any portion of the property, listed on the National Priorities List? ☐ Yes ☑ No
   If yes, please provide relevant information as an attachment.
2. Is the property, or was any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites? ☐ Yes ☑ No
   If yes, please provide: Site #_____ Class # _____
3. Is the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? ☐ Yes ☑ No
   If yes, please provide: Permit type:_____ EPA ID Number:_____
   Date permit issued:_____ Permit expiration date:_____
4. Is the property subject to a cleanup order under navigation law Article 12 or ECL Article 17 Title 10? ☐ Yes ☑ No
   If yes, please provide: Order #_____
5. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? ☐ Yes ☑ No
   If yes, please provide explanation as an attachment.

Section VI. Project Description

What stage is the project starting at? ☑ Investigation ☐ Remediation

Please attach a description of the project which includes the following components:

- Purpose and scope of the project
- Estimated project schedule

Section VII. Property's Environmental History

To the extent that existing information/studies/reports are available to the requestor, please attach the following:

1. Environmental Reports

A Phase I environmental site assessment report prepared in accordance with ASTM E 1527 (American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), and all environmental reports related to contaminants on or emanating from the site.

If a final investigation report is included, indicate whether it meets the requirements of ECL Article 27-1415(2): ☑Yes ☐No

2. SAMPLING DATA: INDICATE KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. LABORATORY REPORTS SHOULD BE REFERENCED AND COPIES INCLUDED.

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum	x	x			
Chlorinated Solvents					
Other VOCs	x	x			
SVOCs	x				
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: _____

3. SUSPECTED CONTAMINANTS: INDICATE SUSPECTED CONTAMINANTS AND THE MEDIA WHICH MAY HAVE BEEN AFFECTED. PROVIDE BASIS FOR ANSWER AS AN ATTACHMENT.

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum	X	X			
Chlorinated Solvents					
Other VOCs	X	X			
SVOCs	X	X			
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: _____

4. INDICATE KNOWN OR SUSPECTED SOURCES OF CONTAMINANTS (CHECK ALL THAT APPLY). PROVIDE BASIS FOR ANSWER AS AN ATTACHMENT.

☐Above Ground Pipeline or Tank ☐Lagoons or Ponds ☑Underground Pipeline or Tank ☐Surface Spill or Discharge
☐Routine Industrial Operations ☐Dumping or Burial of Wastes ☐Septic tank/lateral field ☐Adjacent Property
☐Drums or Storage Containers ☐Seepage Pit or Dry Well ☐Foundry Sand ☐Electroplating
☐Coal Gas Manufacture ☐Industrial Accident ☐Unknown
Other: _____

5. INDICATE PAST LAND USES (CHECK ALL THAT APPLY):

☐Coal Gas Manufacturing ☐Manufacturing ☐Agricultural Co-op ☐Dry Cleaner ☐Salvage Yard ☐Bulk Plant
☐Pipeline ☑Service Station ☐Landfill ☐Tannery ☐Electroplating ☐Unknown
Other: _____

6. PROVIDE A LIST OF PREVIOUS PROPERTY OWNERS AND OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS AS AN ATTACHMENT. DESCRIBE REQUESTOR'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OWNER AND OPERATOR. IF NO RELATIONSHIP, PUT "NONE".

Section VIII. Contact List Information

Please attach, at a minimum, the names and addresses of the following:

1. The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). In addition, attach a copy of a letter sent to the repository acknowledging that it agrees to act as the document repository for the property.

Section IX. Land Use Factors (Please refer to ECL § 27-1415(3))

1. Current Use: ☐Residential ☑Commercial ☐Industrial ☐Vacant ☐Recreational (check all that apply)
Provide summary of business operations as an attachment.

2. Intended Use Post Remediation: ☐Unrestricted ☐Residential ☑Commercial ☐Industrial (check all that apply)
Provide specifics as an attachment.

3. Do current historical and/or recent development patterns support the proposed use? (See #14 below re: discussion of area land uses)	☑Yes ☐No
4. Is the proposed use consistent with applicable zoning laws/maps?	☑Yes ☐No
5. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, designated Brownfield Opportunity Area plans, other adopted land use plans?	☑Yes ☐No
6. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)).	☐Yes ☑No
7. Are there any federal or state land use designations relating to this site?	☐Yes ☑No
8. Do the population growth patterns and projections support the proposed use?	☑Yes ☐No
9. Is the property accessible to existing infrastructure?	☑Yes ☐No
10. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites within ½ mile?	☐Yes ☐No
11. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species within ½ mile?	☑Yes ☐No
12. Are there floodplains within ½ mile?	☑Yes ☐No
13. Are there any institutional controls currently applicable to the property?	☐Yes ☑No

14. Describe the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas in an attachment.

15. Describe the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas in an attachment.

16. Describe the geography and geology of the site in an attachment.

Section X. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I acknowledge and agree to the general terms and conditions set forth in DER-32 *Brownfield Cleanup Program Applications and Agreements* and to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. I also agree that in the event of a conflict between the general terms and conditions of participation set forth in DER-32 and the terms contained in a site-specific BCA, the terms in the BCA shall control. I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____ Print Name: _____

(By an requestor other than an individual)

I hereby affirm that I am Environmental Manager (title) of Delta-Sonic (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree to the general terms and conditions set forth in DER-32 *Brownfield Cleanup Program Applications and Agreements* and to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. I also agree that in the event of a conflict between the general terms and conditions of participation set forth in DER-32 and the terms contained in a site-specific BCA, the terms in the BCA shall control. I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 3/30/11 Signature: _____ Print Name: Mike Dorris

SUBMITTAL INFORMATION:

Three (3) complete copies are required.

- **Two (2)** copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF) on a CD, must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway
  Albany, NY 12233-7020

- **One (1)** paper copy must be sent to the DEC regional contact in the regional office covering the county in which the site is located. Please check our website for the address of our regional offices.

FOR DEPARTMENT USE ONLY

BCP SITE T&A CODE: _____ **LEAD OFFICE:** _____

EXHIBIT A

NYS DEPARTMENT OF STATE
CORPORATION & BUSINESS ENTITY DATABASE

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through February 9, 2011.

Selected Entity Name: DELTA-SONIC CARWASH SYSTEMS, INC.
Selected Entity Status Information

Current Entity Name:	DELTA-SONIC CARWASH SYSTEMS, INC.
Initial DOS Filing Date:	MAY 01, 1970
County:	ERIE
Jurisdiction:	NEW YORK
Entity Type:	DOMESTIC BUSINESS CORPORATION
Current Entity Status:	ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

DELTA-SONIC CARWASH SYSTEMS, INC.
570 DELAWARE AVENUE
BUFFALO, NEW YORK, 14202

Chairman or Chief Executive Officer

RONALD BENDERSON
570 DELAWARE AVENUE
BUFFALO, NEW YORK, 14202

Principal Executive Office

DELTA-SONIC CARWASH SYSTEMS, INC.
570 DELAWARE AVENUE
BUFFALO, NEW YORK, 14202

Registered Agent

NONE

This office does not record information regarding the names and addresses of officers, shareholders or directors of nonprofessional corporations except the chief executive officer, if provided, which would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers, directors, and shareholders in the initial certificate of incorporation, however this information is not

recorded and only available by viewing the certificate.

***Stock Information**

# of Shares	Type of Stock	$ Value per Share
200	No Par Value	

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
MAY 01, 1970	Actual	DELTA-SONIC CARWASH SYSTEMS, INC.

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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LIST OF APPLICATION ATTACHMENTS

NYSDEC Brownfield Cleanup Program Application
348 Langner Road Site
West Seneca, New York

Attachment No.	Description
1	Site Description, BCP Eligibility Statement, Location Map and Site Plan
2	Tax Map, Survey, Metes and Bounds Description
3	Project Description and Schedule
4	Redevelopment Plan
5	Previous Environmental Investigations
6	Listing of Current and Previous Site Owners
7	Listing of Current and Previous Site Operators
8	Brownfield Site Contact List
9	Document Repository Confirmation Letter
10	Environmental Factors and Historic Land Use Considerations
11	Nearby Land Use Map
12	Groundwater Vulnerability Assessment
13	Description of Site Geography/Geology
14	Electronic Copy of BCP Application and Attachments

ATTACHMENT 01

SITE DESCRIPTION
BCP ELIGIBILITY STATEMENT
FIGURE 1-1 LOCATION MAP
FIGURE 1-2 SITE PLAN

Attachment 01

Site Description and BCP Eligibility Statement
348 Langner Road Site
Brownfield Cleanup Program Application

A. SITE DESCRIPTION

The subject property (hereinafter, the "Project Site" or the "Site") subject to the BCP application is an approximate 2.6-acre parcel located at the corner of Langner Road and Ridge Road in the Town of West Seneca, New York (see Figures 1-1 and 1-2). A land use map for the Site and surrounding area is included in Attachment 11. The parcel is currently improved with one convenience store building, one car wash building, four product dispenser islands and two underground storage tank (UST) areas containing a total of eight petroleum USTs. The Site is bound by Langner Road to the east, Ridge Road to the north, a rail line to the west, and commercial buildings to the south. The parcel included in this application is described as:

348 Langner Road, Town of West Seneca, Erie County, New York – S.B.L. # 143.05-2-1.111

The Site has been a gas station since the 1950s. Prior to the current location of the product dispensers and buildings, the gas station and fuel assets were located in the northeastern portion of the property where the current carwash building sits.

During the completion of soil borings during the 2010 Phase II Investigation (see Attachment 5), contaminated soils, and petroleum-like odors were observed Site-wide. Several locations exhibited petroleum-like odors and elevated PID readings (as high as 777 ppm). The Phase II Investigation identified the presence of elevated BTEX compounds (benzene, ethylbenzene, toluene, and xylene), and n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene in on-Site soils above regulatory soil cleanup objectives (SCOs). Semivolatile organic compounds (SVOCs) including benzo(a)anthracene and chrysene were also detected above regulatory guidance limits. Multiple VOCs, including BTEX, methylethylketone (MEK), acetone, cyclohexane, isopropylbenzene, p-cymene, and sec-butylbenzene were detected in on-Site groundwater above NYSDEC GWQS (total VOCs as

high as 42,880 ug/L). A copy of the investigation report is provided electronically in Attachment 5.

As clearly evidenced by the contamination identified in the previous subsurface investigation, significant environmental concerns are associated with the Project Site. These concerns are complicating use and future redevelopment/reuse of the Project Site.

B) ELIGIBILITY FOR ACCEPTANCE INTO THE BROWNFIELD CLEANUP PROGRAM

The Site meets the definition of a "Brownfield site" as set forth in New York State Environmental Conservation Law (the "ECL"). The ECL Section 27-1405(2) defines a "Brownfield site" as "any real property, the development or reuse of which may be complicated by the presence or potential presence of a contaminant". The regulations in 6NYCRR 375-3.3(a)(1) reiterate that a brownfield site has two elements and adds a "reasonable basis" test to each:

> (1) A brownfield site has two elements:
>
> (i) There must be confirmed contamination on the property or a reasonable basis to believe that contamination is likely to be present on the property (the "Contamination Element"); and,
>
> (ii) There must be a reasonable basis to believe that the contamination or potential presence of contamination may be complicating the development, use or re-use of the property (the "Complication Element")

Moreover, the New York State Department of Environmental Conservation BCP Eligibility Guidance dated March 2005 which is incorporated into the Brownfield Cleanup Program Guide establishes several factors that the Department considers in evaluating whether the Contamination Element and the Complication Element exist.

The Contamination Element

Attachment 01

Site Description and BCP Eligibility Statement
348 Langner Road Site
Brownfield Cleanup Program Application

The Department considers the following factors with respect to the Contamination Element, to the extent they are relevant to the proposed Site:

(A) The nature and extent of known or suspected contamination;

(B) Whether contaminants are present at levels that exceed standards, criteria or guidance;

(C) Whether contamination on the proposed site is historic fill material or exceeds background levels;

(D) Whether there are or were industrial or commercial operations at the proposed site which may have resulted in environmental contamination; and/or,

(E) Whether the proposed site has previously been subject to closure, a removal action, an interim or final remedial action, corrective action or any other cleanup activities performed by or under the oversight of the State or Federal government.

The Contamination Element of the BCP Eligibility Test has clearly been met in this application because:

A. The Phase II ESA established that on-site soils and groundwater have been impacted by petroleum compounds. See Benchmark Environmental Engineering and Science, PLLC Phase II ESA in Attachment 5.

B. Grossly contaminated soils, meeting the definition in 6NYCRR Part 375-1, evidenced by visibly impacted soil, strong odors and elevated PID readings, are present on-Site. Petroleum-related VOCs in groundwater are also present above NYS groundwater quality standards (GWQS). Refer to Benchmark Environmental Engineering and Science, PLLC Phase II ESA in Attachment 5.

C. Contamination on the proposed site is not a result of imported historic fill material. Rather, it is present in native soils, generally consisting of clay overlying till. Refer to Benchmark Environmental Engineering and Science, PLLC Phase II ESA in Attachment 5.

D. The proposed Site has not previously been subject to closure, a removal action, an interim or final remedial action, corrective action or any other cleanup activities performed by or under the oversight of the State or Federal government.

Attachment 01

Site Description and BCP Eligibility Statement
348 Langner Road Site
Brownfield Cleanup Program Application

The Complication Element

The Department considers the following factors with respect to the Complication Element; to the extent they are relevant to the proposed Site:

(A) Whether the proposed site is idled, abandoned or underutilized;

(B) Whether the proposed site is unattractive for redevelopment or reuse due to the presence or reasonable perception of contamination;

(C) Whether properties in the immediate vicinity of the proposed site show indicators of economic distress such as high commercial vacancy rates or depressed property values; and/or,

(D) Whether the estimated cost of any necessary remedial program is likely to be significant in comparison to the anticipated value of the proposed site as redeveloped or reused.

The Complication Element of the BCP Eligibility Test has clearly been met in this application because the proposed Site is unattractive for redevelopment or reuse due to the presence of contamination. This factor is clearly established by the following:

(A) The current site is underutilized, based on current market conditions. The Applicant, has attempted in the past to expand the current business operations, however, the existing site contamination have inhibited redevelopment due to remediation costs;

(B) The Applicant is currently unable to secure funding for redevelopment of the Site, directly due to the on-Site contamination making the site unattractive for investment (see attached letter behind Figure 1-2). Site redevelopment efforts have been severely stalled due to the presence of contamination that requires remediation;

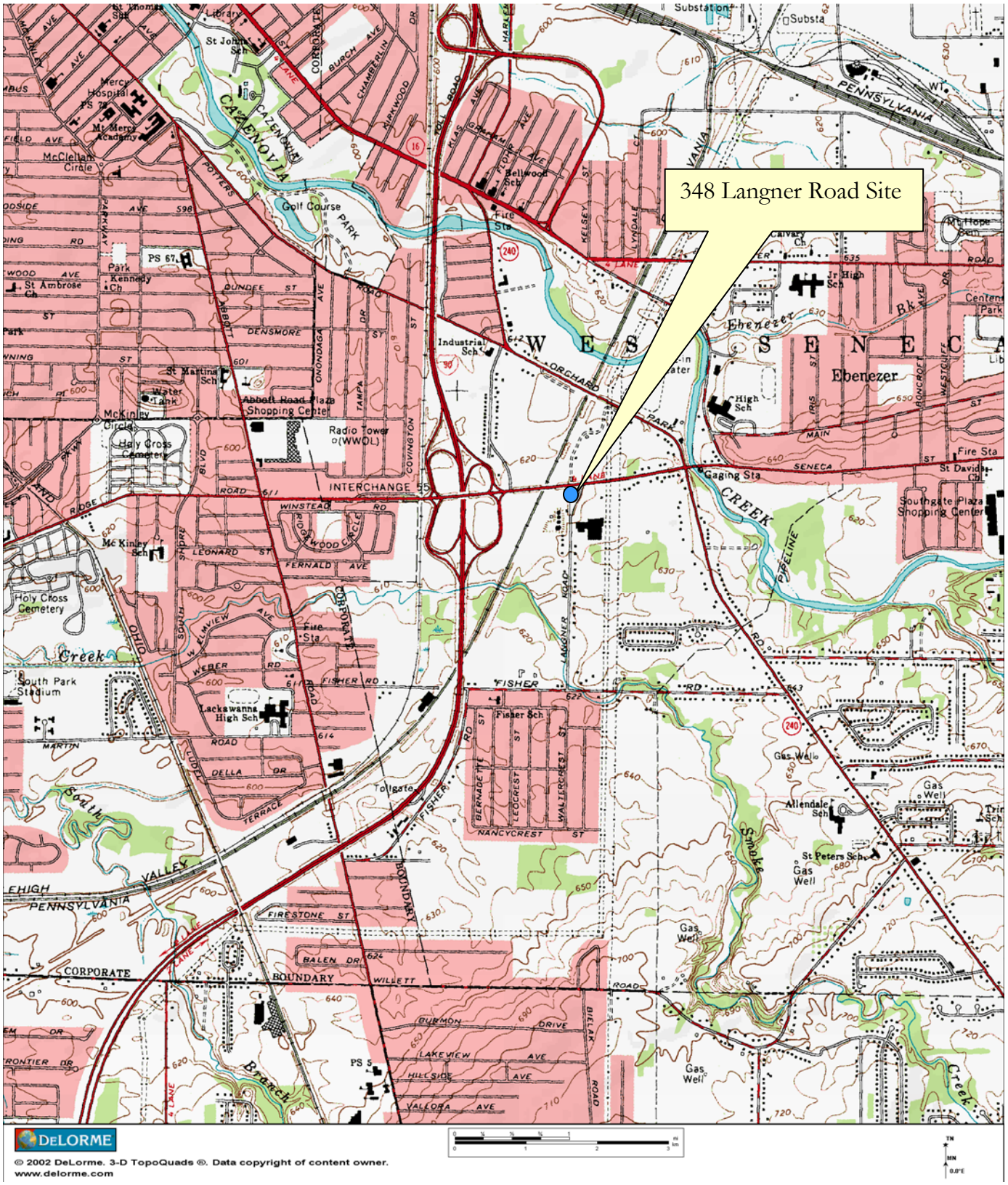
(C) The estimated cost of a proposed remedial program with regard to the Site is significant in comparison to the value of the Site (i.e., estimated at approximately over $500,000 USD).

Attachment 01

Site Description and BCP Eligibility Statement
348 Langner Road Site
Brownfield Cleanup Program Application

Based on the foregoing and as further set forth in the BCP application, the Site meets the Contamination Element and the Complication Element tests. As such, the Site qualifies as a Brownfield Site eligible for participation in the BCP because (A) there is confirmed contamination on the Site, and (B) the contamination is complicating the redevelopment and re-use of the Site.

FIGURE 1-1



TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

SITE LOCATION AND VICINITY MAP

BROWNFIELD CLEANUP PROGRAM APPLICATION

348 LANGNER ROAD SITE

WEST SENECA, NEW YORK

PREPARED FOR

DELTA-SONIC CARWASH SYSTEMS, INC.

PROJECT NO.: 0123-005-101

DATE: FEBRUARY 2011

DRAFTED BY: NTM

Base Image per Bing Maps | Property Boundary approximate per Erie Co. GIS | Not to Scale

TurnKey Environmental Restoration, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0123-005-101

DATE: FEBRUARY 2011

DRAFTED BY: NTM

SITE PLAN (AERIAL)

BROWNFIELD CLEANUP PROGRAM APPLICATION

348 LANGNER ROAD SITE

WEST SENECA, NEW YORK

PREPARED FOR

DELTA-SONIC CARWASH SYSTEMS, INC.

FIGURE 1-2

Michael R. Nowicki
Senior Vice President
Commercial Banking

10 Fountain Plaza, 9th fl.
Buffalo, NY 14202
716-847-4256

April 12, 2010

Mr. Ronald Benderson
President
Delta Sonic Carwash Systems, Inc.
570 Delaware Avenue
Buffalo, NY 14202

Dear Ron:

This letter is in reference to an inquiry by Delta Sonic as to possible financing of a renovation project at Ridge Road and Langner Road in West Seneca, NY. It is our understanding that there are potential environmental issues on this site. As a result, we would not consider a request for financing, secured by the real estate, until the site remediation is completed and further, that it complies with the Bank's environmental policies.

Respectfully yours,

Michael R. Nowicki
Senior Vice President

cc: T. Lillis

ATTACHMENT 02

PARCEL DESCRIPTION
FIGURE 2-1 TAX MAP

Attachment 02

Parcel Description
348 Langner Road Site
Brownfield Cleanup Program Application

PARCEL DESCRIPTION

The Project Site consists of an approximately 2.6-acre parcel, addressed at 348 Langner Road, West Seneca, New York (see Figure 2-1). Property boundaries correspond to the West Seneca tax map boundaries; however, an updated metes and bounds description is not yet available. The metes and bounds description of the BCP Project Site will be provided to the NYSDEC upon completion of the boundary survey.

Base Image per Erie Co. GIS Parcel Information per Town of West Seneca Assessor Office Not to Scale

TurnKey Environmental Restoration, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0123-005-101

DATE: FEBRUARY 2011

DRAFTED BY: NTM

TAX MAP

BROWNFIELD CLEANUP PROGRAM APPLICATION

348 LANGNER ROAD SITE

WEST SENECA, NEW YORK

PREPARED FOR

DELTA-SONIC CARWASH SYSTEMS, INC.

FIGURE 2-1

ATTACHMENT 03

PROJECT DESCRIPTION & SCHEDULE

Attachment 03

Project Description
348 Langner Road Site
Brownfield Cleanup Program Application

PROJECT DESCRIPTION

Delta-Sonic Car Wash Systems, Inc. (Delta Sonic) plans to redevelop the existing car wash, convenience store and gasoline distribution system at the Site. The redevelopment will include the excavation and removal of the existing eight underground storage tanks (USTs) and all appurtenant piping; demolition of the product dispensers, filing islands and canopy; excavation of any petroleum-impacted soil encountered; demolition of the existing convenience store and renovation of the existing car wash and landscaping.

Delta Sonic plans to construct a new 4,000 square foot (sf) convenience store, a 3,800-sf detailing center, a 1,400-sf oil change building, and renovation of the existing car wash building. Delta Sonic plans to make capital investments of approximately $2,750,000 to redevelop the site. The project will create approximately 12 short-term construction jobs and, upon site redevelopment, an anticipated 15-20 long-term jobs. A preliminary Site Redevelopment Plan is provided in Figure 4-1.

Delta Sonic Car Wash Systems, Inc., acting as a participant, is willing to remediate the Site under the Brownfield Cleanup Program (BCP), and is submitting this BCP application for eligibility into the Program. Upon acceptance into the BCP, Delta Sonic will submit a Remedial Investigation/Alternative Analysis/Interim Remedial Measures (RI/AA/IRM) Work Plan.

Attachment 03

Project Description
348 Langner Road Site
Brownfield Cleanup Program Application

PROJECT SCHEDULE

The environmental engineering and consulting tasks, including completion and implementation of a Remedial Investigation/Alternatives Analysis/Interim Remedial Measures Work Plan (RI/AA/IRM Work Plan), are estimated as follows:

March 2011 – Submit BCP application

May 2011 – Execute Brownfield Cleanup Agreement (BCA)

June 2011 – Submit RI/AA/IRM Work Plan

Summer/Fall 2011 – Complete Remedial Investigation and Field Activities

Fall/Winter 2011 – Submit RI/AA/IRM Report

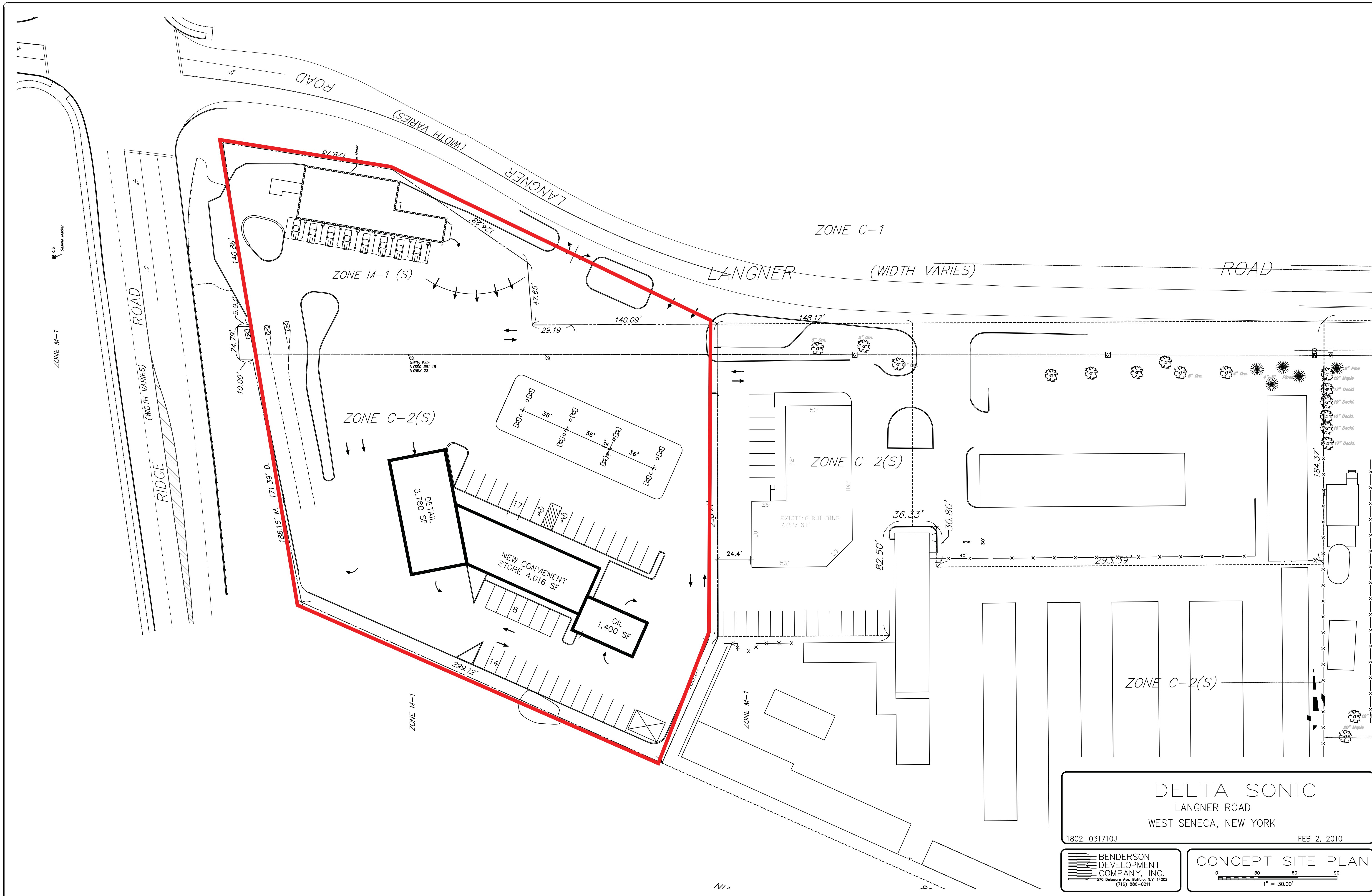
Winter/Spring 2012 – Submit Site Management Plan (SMP)

Spring 2012 – Submit Final Engineering Report (FER)

Spring/Summer 2012 – Receive Certificate of Completion (COC)

ATTACHMENT 04

PROPOSED REDEVELOPMENT PLAN


LANGNER ROAD (WIDTH VARIES)
RIDGE ROAD (WIDTH VARIES)
ZONE C-1
ZONE M-1 (S)
ZONE C-2(S)
ZONE M-1
NEW CONVIENENT STORE 4,016 SF
DETAIL 3,780 SF
OIL 1,400 SF
EXISTING BUILDING 7,227 S.F.
140.86'
124.26'
129.78'
47.65'
140.09'
29.19'
148.12'
24.79'
9.93'
10.00'
171.39' D.
188.15' M.
299.12'
36.33'
30.80'
82.50'
24.4'
293.59'
184.37'
DELTA SONIC
LANGNER ROAD
WEST SENECA, NEW YORK
1802-031710J
FEB 2, 2010
BENDERSON DEVELOPMENT COMPANY, INC.
570 Delaware Ave. Buffalo, N.Y. 14202
(716) 886-0211
CONCEPT SITE PLAN
1" = 30.00'

ATTACHMENT 05

PREVIOUS ENVIRONMENTAL INVESTIGATION

INCLUDED ELECTRONICALLY:

BENCHMARK ENVIRONMENTAL ENGINEERING AND SCIENCE, PLLC. *LIMITED PHASE II SITE INVESTIGATION REPORT, 348 LANGNER ROAD, WEST SENECA, NEW YORK.* JANUARY 2010.

Attachment 5

Previous Environmental Investigations
348 Langner Road Site
Brownfield Cleanup Program Application

A summary of the previous environmental site investigation completed for the Site is presented below.

January 2010 – Limited Phase II Site Investigation Report

Benchmark Environmental Engineering and Science, PLLC (Benchmark) conducted an environmental site investigation of the subject property, and the findings are described below:

- Visual and olfactory evidence of impacted soil/fill was noted in multiple soil boring locations by field personnel. Elevated photoionization detector (PID) readings for volatile organic compounds (VOCs) were detected in multiple locations across the site, with readings as high as 777 ppm being detected.
- Petroleum-impacted soil exceeding TAGM #4046 RSCOs for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) were detected at multiple soil boring locations across the site.
- Groundwater impacts exceeding NYSDEC groundwater quality standards (GWQS) for VOCs (i.e., up to 42,879 ug/L total VOCs) were detected in several temporary monitoring wells across the Site.
- Based on the data collected during the site investigation, the NYSDEC was contacted and Spill No. 09-10758 was opened for the Site.

Limited Phase II Site Investigation Report

348 Langner Road
West Seneca, New York

January 2010 0123-005-100

Prepared For:

Delta Sonic Car Wash Systems, Inc.

Prepared By:

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

2558 Hamburg Turnpike, Buffalo, New York | phone: (716) 856-0599 | fax: (716) 856-0583

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT

January 2010 0123-005-100

Prepared for:

Delta Sonic
570 Delaware Avenue
Buffalo, New York 14202

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT

348 Langner Road Site

West Seneca, New York

Table of Contents

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT
348 Langner Road Site
West Seneca, New York

Table of Contents

LIST OF TABLES

LIST OF FIGURES

ATTACHMENT

1.0 BACKGROUND AND SITE DESCRIPTION

Benchmark Environmental Engineering and Science, PLLC (Benchmark) performed a Limited Phase II Environmental Site Investigation at 348 Langner Road, West Seneca, New York (Site; see Figure 1) on behalf of Delta Sonic.

The Site is an approximate 1.87-acre property owned and operated by Delta Sonic, which is currently utilized as a gasoline station, convenience store and car wash. The Site is improved with one convenience store building, one car wash building, four product dispenser islands and two underground storage tank (UST) areas containing a total of eight petroleum USTs (see Figure 2). Based on our review of historical site information and maps, the Site has been a gas station since the 1950s. Prior to the current location of the product dispensers and buildings, the gas station and fuel assets were located in the northeastern portion of the property where the current carwash building sits.

This investigation included: soil borings, installation of four temporary monitoring wells; subsurface soil sampling; and, groundwater sampling.

2.0 METHODS OF INVESTIGATION

2.1 Soil Investigation

On December 9, 2009, Benchmark personnel conducted a subsurface soil investigation at the Site. The subsurface investigation included advancing 9 soil borings and 4 temporary wells in the locations shown on Figure 2.

2.1.1 Soil Borings

Nine soil borings (SB-1 through SB-9) were advanced using a track-mounted direct-push drill rig equipped with an approximate 1.5-inch diameter, 48-inch long macro-core sampler. Soil samples were generally collected within each borehole continuously from the ground surface until approximately 8 to 16 feet below the ground surface (fbgs) (i.e., the target depth), or until equipment refusal was encountered. Any down-hole equipment was decontaminated between boreholes.

The physical characteristics of all soil boring samples were classified using the Unified Soil Classification System (USCS). Benchmark personnel noted any visual and/or olfactory observations, and scanned soils for total volatile organic vapors with a Mini Rae 2000 Photoionization Detector (PID) equipped with a 10.6 eV lamp. Boring logs are presented in Attachment 1.

2.1.2 Soil Sampling

Eight (8) soil samples were collected from the boring macro-cores using dedicated stainless steel sampling tools. Representative soil samples were placed in pre-cleaned sample bottles and submitted under chain-of-custody to Test America Laboratories Inc., for analysis for NYSDEC STARS List Volatile Organic Compounds (VOCs) and STARS List Semi-Volatile Organic Compounds (SVOCs) by Methods 8260B and 8270C, respectively. Analytical soil data is summarized on Table 1.

2.1.3 Temporary Monitoring Wells

Following borehole advancement as described above, one-inch diameter temporary monitoring wells were installed within soil borings SB-1/TMW-1, SB-4/TMW-2, SB-

5/TMW-3 and SB-9/TMW-4. TMW-1 and TWM-2 were installed to an approximate depth of 16 fbgs. TMW-3 was installed to a depth 12 fbgs and TMW-4 was installed to a depth of approximately 8 fbgs.

Groundwater samples were collected using dedicated disposable polyethylene bailers. The samples were transferred into laboratory-provided pre-preserved sample vials for analysis of Target Compound List (TCL) plus NYSDEC STARS List volatile organic compounds (VOCs) via USEPA Method 8260. The samples were cooled to 4 °C in the field, and transported under chain-of-custody to Test America Laboratories, Inc. Analytical groundwater data is summarized on Table 2.

3.0 INVESTIGATION FINDINGS

A summary of the soil sample results from the soil boring are presented in Table 1. For comparison purposes, Table 1 soil analytical results are compared against NYSDEC TAGM #4046 recommended soil cleanup objectives (RSCOs). Table 2 groundwater analytical results are compared to NYSDEC groundwater quality standard (GWQS) per Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. A copy of the laboratory analytical data package is included in Appendix A.

3.1 Field Observations

General

The portion of the property where the car wash building is located is historically where the previous gas station was located on the property. There are two separate tank fields, designated Tank Field 1 and Tank Field 2, which service four pump islands. Tank Field 1 is located in-between the car wash and the pump islands and Tank Field 2 is located on the western side of the pump island underneath the canopy. A storm water drain located south of the pump islands runs the length of the property in an east-west direction.

The Site itself is generally flat; however, a steep embankment is located on the north property boundary to accommodate an elevated portion of Ridge Road that crosses nearby railroad tracks and Interstate Route 90. A utility corridor for power lines and rail road tracks borders the western portion of the Site; this area is flat and low lying with high grassy areas.

Qualitative Soil Screening

Visual and olfactory evidence of impacts as well as elevated PID readings were noted during the investigation. At sample location SB-1/TMW-1, sheening was noted on perched groundwater encountered at the fill/clayey silt interface. At borings SB-4, SB-5 and SB-9, elevated PID readings were noted.

In TurnKey's experience, the visual/olfactory observations and PID measurements are indicative of petroleum impacts in the Tank Field 1 area on the eastern portion of the property, west of the Tank Field 2 area, and on the western portion of the property. Refer to the attached soil boring/monitoring well logs for soil classification for each sample interval, field observations, and PID measurements.

3.2 Geology

The geology encountered at the Site includes four general units, noted in order from the ground surface with increasing depth: asphalt and sub-base (~0 to 0.5 fbgs); non-native fill materials, including fine to coarse sands and fine to coarse gravels with pieces of slag, cinders and brick (~0.5 to 4 fbgs); native soil consisting of grey to brown, moist to wet, silty clay (~4-11 fbgs); and, grey, wet till (~11-16 fbgs). Groundwater was encountered at approximately 8.5 fbgs. Perched groundwater was also noted at sample locations SB-1 and SB-2 at the fill/silty clay interface.

3.3 Soil Analytical Results

Soil analytical results show elevated concentrations of VOCs, and slightly elevated SVOC in subsurface soils on-Site (see Table 1). VOCs were detected above TAGM #4046 RSCOs in SB-4 (2-4) and SB-5 (2-4), and SVOC were detected above TAGM #4046 RSCOs in SB-7 (2-4).

3.4 Groundwater Analytical Results

Elevated concentrations of petroleum-related VOCs above NYSDEC GWQS were detected in temporary monitoring wells TMW-2, TMW-3 and TMW-4. Total VOCs were detected in TMW-2 at a concentration of approximately 13,825 ug/L, in TMW-3 at concentration of approximately 42,879 ug/L and in TMW-4 at a concentration of approximately 50 ug/L.

4.0 CONCLUSIONS

Based on the results of this soil and groundwater investigation, Benchmark offers the following conclusions and recommendations:

- The Site is currently utilized as a gasoline station and carwash. The Site has historically been a gasoline station since the 1950's.

- During the completion of soil borings, stained soils, petroleum-like odors and/or elevated PID readings were noted at sample locations SB-1, SB-4, SB-5 and SB-9. SB-1 and SB-9 are located on the western portion of the Site west of Tank Field 1 and the product dispensers and SB-4 and SB-5 are located on the eastern portion of the Site in the area of the former gasoline station.

- Based on the soil analytical results, petroleum-related compounds were detected above TAGM #4046 RSCOs at concentrations that typically require remediation. The former gasoline station area appears to the most impacted area. Additional investigation is required to delineate the extent of soil impacts.

- Based on the groundwater analytical results, elevated concentrations of petroleum VOCs were detected above NYSDEC GWQS (i.e., up to 42,879 ug/L total VOCs) in the groundwater samples collected from the area of the former gasoline station and west of Tank Field 2. Additional investigation is required to delineate the extent of groundwater impacts.

- Based on the results of this investigation, the NYSDEC was notified and NY Spill No. 09-10758 was assigned to the Site. This report should be forwarded to the NYSDEC for review.

- Benchmark understands that the Site may be redeveloped with a new commercial facility. Consideration should be given to applying for the New York Brownfield Cleanup Program (BCP) prior to Site redevelopment.

5.0 LIMITATIONS

This report has been prepared for the exclusive use of Delta Sonic. The contents of this report are limited to information available at the time of the site investigation activities and to data referenced herein, and assume all referenced information sources to be true and accurate. The findings herein may be relied upon only at the discretion of Delta Sonic. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering & Science, PLLC.

TABLES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF SOIL ANALYTICAL DATA
348 Langner Road, West Seneca, NY
Delta Sonic

PARAMETER	Sample Location								TAGM RSCOs[2]
	SB-01 (2-4)	SB-02 (2-4)	SB-03 (2-4)	SB-04 (2-4)	SB-05 (2-4)	SB-06 (4-6)	SB-07 (2-4)	SB-09 (2-4)	
NYSDEC STARS List VOCs (mg/kg)									
Benzene	ND	ND	ND	0.11	0.078 W1,J	ND	ND	ND	0.06
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	0.0027 J	10
sec-Butylbenzene	ND	ND	ND	0.034	0.65 W1	ND	ND	ND	10
Ethylbenzene	ND	ND	ND	21 D08, W1	25 W1,D08	ND	ND	ND	5.5
Isopropylbenzene	ND	ND	ND	0.19	1.6 W1	ND	ND	0.0014 J	2.3
p-Cymene	ND	ND	ND	0.016	0.45 W1	ND	ND	0.0021 J	"--"
n-Propylbenzene	ND	ND	ND	12 D08, W1	7.8 W1	ND	ND	0.0024 J	3.7
Toluene	0.0023 J	0.0033 J	ND	0.24	21 W1,D08	0.0014 J	ND	0.0012 J	1.5
o-Xylene	0.0011 J	ND	ND	43 D08, W1	42 W1,D08	ND	ND	ND	1.2
m-Xylene & p-Xylene	0.0033 J,B	0.0036 J,B	ND	120 D08, W1	110 W1,D08	0.0019 J,B	0.0017 J,B	0.002 J,B	2.4
Methyl tert butyl ether (MTBE)	ND	0.0038 J	ND	ND	ND	ND	ND	ND	0.12
1,2,4-Trimethylbenzene	0.0014 J	ND	ND	35 D08, W1	92 W1,D08	ND	0.0019 J	0.016	10
1,3,5-Trimethylbenzene	ND	ND	ND	120 D08, W1	31 W1,D08	ND	ND	ND	3.3
NYSDEC STARS LIST SVOCs (mg/kg)									
Acenaphthene	ND	ND	ND	ND	ND	ND	0.49 D12,J	ND	50
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	0.25 D12,J	ND	0.224
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	0.34 D12,J	ND	0.22
Chrysene	ND	ND	ND	ND	ND	ND	0.45 D12,J	ND	0.4
Fluoranthene	ND	ND	ND	ND	0.031 J	ND	ND	ND	50
Fluorene	ND	ND	ND	0.25 D10,J	ND	ND	0.98 D12,J	ND	50
Naphthalene	ND	ND	ND	11 D10	0.33	ND	ND	ND	13
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	50
Phenanthrene	ND	ND	ND	0.63 D10,J	0.039 J	ND	2.9 D12,J	0.58 D12,J	50
Pyrene	ND	ND	ND	0.35 D10,J	0.029 J	ND	ND	ND	50

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per TAGM 4046 RSCOs.
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to RSCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = No RSCO available.
J = Estimated value; result is less than the sample quantization limit but greater than zero.
B = Analyte was detected in the associated method blank.
D08 = Dillution required due to high concentration of target analyte(s).
D10 = Dilution Due to sample color.
D12 = Dilution required due to sample viscosity.
W1 = Sample was prepared and analyzed utilizing the medium level extraction.

Exceeds RSCO

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA

348 Langner Road, West Seneca, NY
Delta Sonic

PARAMETER	Sample Location				Class GA Groundwater Quality Standards
	TMW-1	TMW-2	TMW-3	TMW-4	
TCL plus STARS LIST VOCs (ug/L)					
1,2,4-Trimethylbenzene	ND	2200 D08	3600 D08,P11	8.3	5
1,3,5-Trimethylbenzene	ND	690 D08	1100 D08,P11	2.8	5
1,2-Dichloroethane	ND	1.8 P11	ND	ND	5
2-Butanone	ND	12 P11	100	ND	50
Acetone	4.9 J	43 P11	200	6.7	50
Benzene	ND	150 D08	1000 D08,P11	0.52 J	1
Cyclohexane	ND	ND	1500 D08,P11	6.2	--
Ethylbenzene	ND	1300 D08	3200 D08,P11	3	5
Isopropylbenzene	ND	56 P11	76	ND	5
Methylcyclohexane	ND	33 P11	470 D08,P11	2.7	--
n-Propylbenzene	ND	210 D08	420 D08,P11	1.2	5
o-Xylene	ND	2800 D08	5200 D08,P11	4	5
p-Cymene	ND	3.3 P11	5.4	ND	5
m-Xylene & p-Xylene	ND	6100 D08	13000 D08,P11	11	10
sec-Butylbenzene	ND	6.3 P11	8	ND	5
Toluene	ND	220 D08	13000 D08,P11	3.5	5
Total VOCs (mg/L)	4.9	13825.4	42879.4	49.92	

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Class GA groundwater Quality Standards (GWQS).

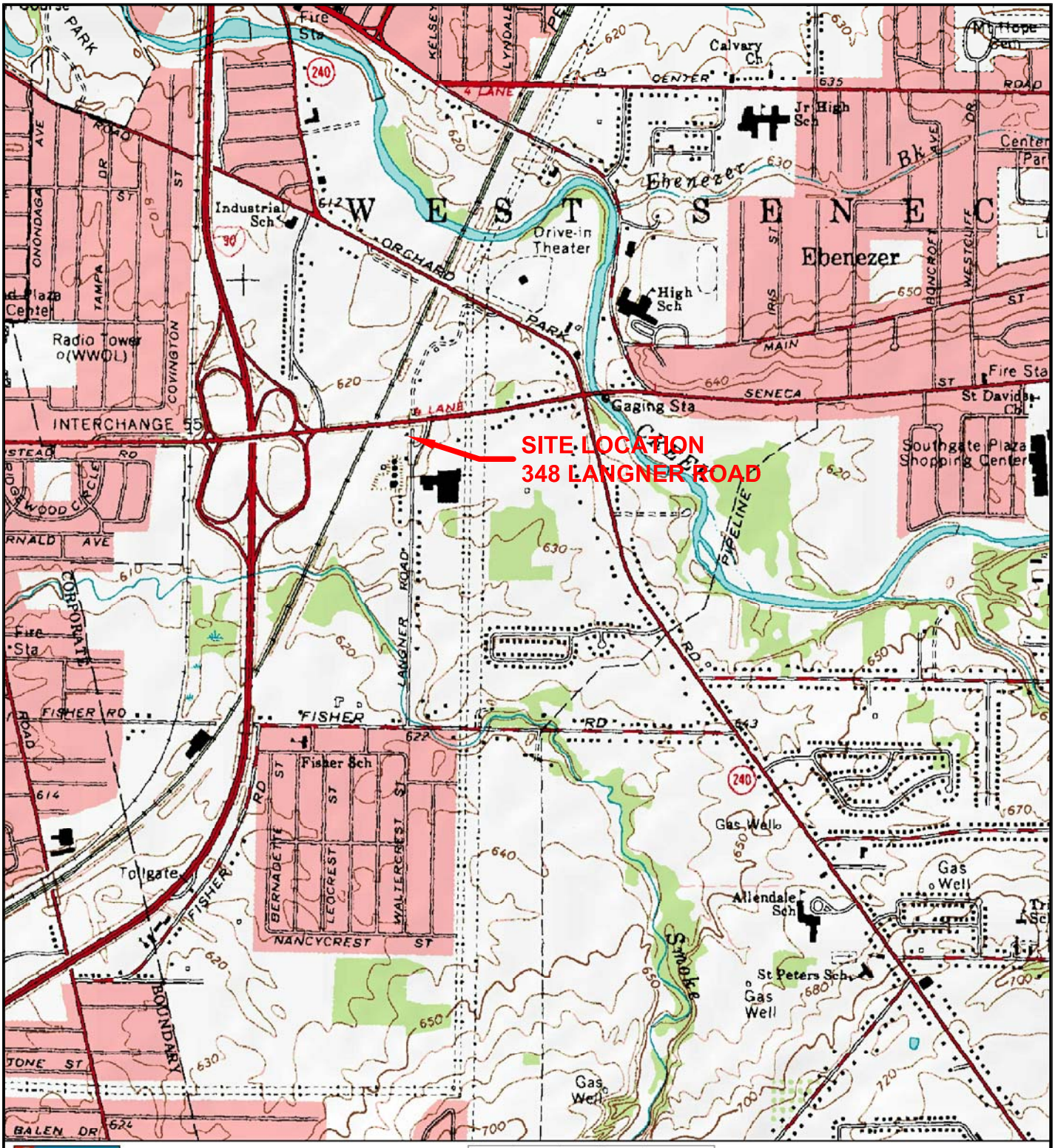
Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = No GWQS available.
J = Estimated value; result is less than the sample quantization limit but greater than zero.
P11= Sample was not sufficiently preserved at time of collection.
D08 = Dillution required due to high concentration of target analyte(s).

Exceeds RSCO

FIGURES

FIGURE 1



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0123-005-100

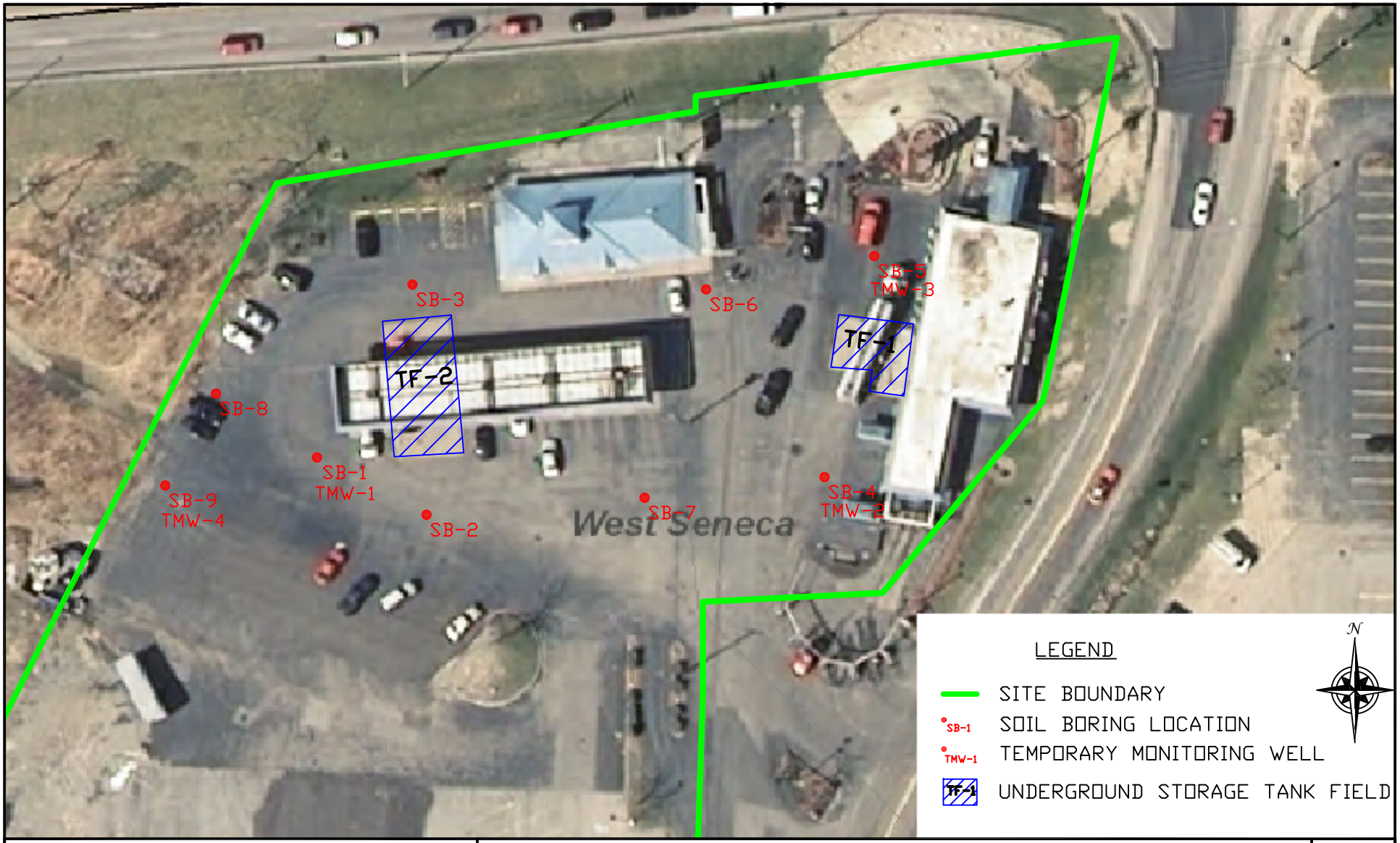
DATE: DECEMBER 2009

DRAFTED BY: JCT

SITE LOCATION AND VICINITY MAP

348 LANGNER ROAD

348 LANGNER ROAD
WEST SENECA, NEW YORK
PREPARED FOR
DELTA SONIC



BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0123-005-100

DATE: DECEMBER 2009

DRAFTED BY: JCT

SITE PLAN

348 LANGNER ROAD

348 LANGNER ROAD
WEST SENECA, NEW YORK
PREPARED FOR
DELTA SONIC

FIGURE 2

ATTACHMENT 1

BORING LOGS AND WELL COMPLETION DETAILS

Project No: 0123-005-100

Borehole Number: SB - 1

Project: Delta Sonic Phase II

Client: Delta Sonic

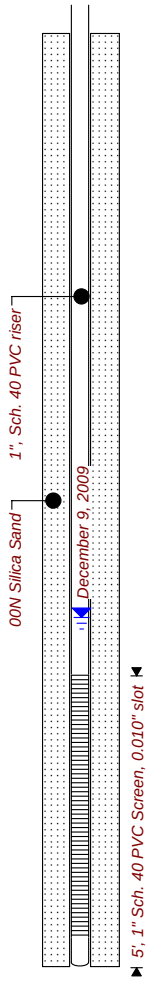
Logged By: TAB

Site Location: 348 Langner Rd, West Seneca

Checked By: BCH

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY
(716) 856-0599

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt and Subbase*** Black/grey non plastic fines, with fine to coarse sand and some coarse and fine gravel, dense, loose when disturbed.					0.0		
	-1.0 / 1.0	***Fill*** Black, moist to wet (3.0 fbgs) non plastic fines, some coarse sands, dense, with orange brick, slight sheen.	1		3.2		0.0	STARS VOC & STARS SVOC	
	-3.0 / 3.0	***Silty Clay*** Brown, moist, medium to high plasticity fines, little sand , few coarse sand. very stiff, high plasticity.							
	-4.0 / 4.0						0.0		
5.0		***Silty Clay*** As above, very stiff.	2		2.8		0.0		
	-8.0 / 8.0						0.0		
		Silty Clay As above, wet, few fine gravel, some fine sand, very stiff to soft,							
10.0			3		3.0		0.0		
	-11.0 / 11.0	***Till*** Grey, wet, masssive, fines with some fine sand, with few sub-rounded fine gravel's, soft, high plasticity,							
	-12.0 / 12.0						0.0		
		Till As above, brown.	4		1.0		0.0		
15.0									
	-16.0 / 16.0	End of Borehole							



Drilled By: Russo Development
Drill Rig Type: Geo-probe
Drill Method: Direct Push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: na
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0123-005-100

Borehole Number: SB -2

Project: Delta Sonic Phase II

Client: Delta Sonic

Logged By: TAB

Site Location: 348 Langner Rd, West Seneca

Checked By: BCH

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt and subbase*** Black/grey non plastic fines, with fine to coarse sand and some coarse and fine gravel, dense, loose when disturbed.							
	-1.0 1.0	***Fill*** Black moist to wet (3.0 fbgs) non-plastic fines, w/ some coarse sands, w/ orange brick, dense.	1		2.8				
	-3.0 3.0	***Silty Clay*** Brown, moist, silty clay, little sand , few coarse sand and fine gravel.							
	-4.0 4.0								
5.0		***Silty Clay*** As above very dense, high plasticity.	2		3.3				
	-8.0 8.0								
		Silty Clay As above few fine gravel, wet some fine sand.	3		3.1				
10.0	-11.0 11.0	***Till*** Grey, wet, high plasticity fines w/ some fine sand, few sub rounded fine gravel, soft.							
	-12.0 12.0								
		Till As above.	4		1.2				
15.0	-16.0 16.0	End of Borehole							
20.0									

December 9, 2009

Drilled By: Russo Development
Drill Rig Type: Geo-probe
Drill Method: Direct Push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: na
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0123-005-100

Borehole Number: SB-3

Project: Delta Sonic Phase II

Client: Delta Sonic

Logged By: TAB

Site Location: 348 Langner Rd, West Seneca, NY

Checked By: BCH

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt and Subbase*** Black/grey non plastic fines, with fine to coarse sand and some coarse and fine gravel, dense, loose when disturbed.							
	-1.0 1.0	***Fill (reworked)*** Brown, moist, dense, non-plastic fines, some fine to coarse sands and fine to coarse gravels.	1		3.3		0.0 0.0	STARS VOC & STARS SVOC	
	-4.0 4.0	***Silty Clay*** Brown, moist, high plasticity fines, stiff.	2		.8		0.0 0.0		
5.0	-8.0 8.0	***Silty Clay*** As above, moist to wet w/ trace fine sand, very stiff.	3		3.5		0.0 0.0		
10.0	-11.0 11.0	***Till*** Grey, wet, high plasticity fines w/ some fine sand, with few sub rounded fine gravels, soft, high plasticity.							
	-12.0 12.0	***Till*** As above.	4		2.4		0.0 0.0		
15.0	-16.0 16.0	End of Borehole							▼ December 9,2009
20.0									

Drilled By: Russo Development
Drill Rig Type: Geo-probe
Drill Method: Direct Push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0123-005-100

Borehole Number: SB-4

Project: Delta Sonic Phase II

Client: Delta Sonic

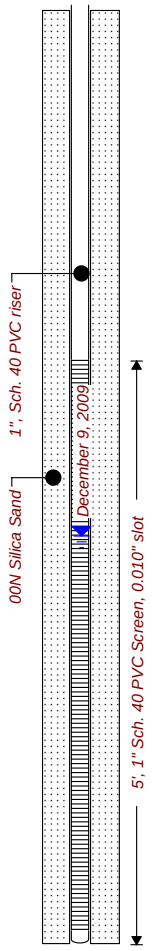
Logged By: TAB

Site Location: 348 Langner Road, West Seneca, NY

Checked By: BCH

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm 0 500 1000	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt and Subbase*** Black/grey non plastic fines, with fine to coarse sand and some coarse and fine gravel, dense, loose when disturbed.							
	-1.0 1.0	***Fill*** Brown/black, moist, fill, medium plasticity fines, with orange and yellow brick, strong odor at bottom.	1		3.4		125, 777	STARS VOC & SVOC	
	-4.0 4.0	***Silty Clay*** Olive green, moist, high plasticity fines, with little fine sand, stiff, high plasticity, fine to coarse sand wet seam at 5.0 fbgs with strong odor.							
5.0	-6.0 6.0	***Silty Clay*** As above, brown, slight odor.	2		3.2		2.0		
	-8.0 8.0	***Silty Clay*** As above, wet, with some fine sand, with few sub-rounded fine gravel, soft.							
10.0			3		2.6		4.5		
	-12.0 12.0	***Till*** Grey, wet, medium plastic fines with some fine sand, with few sub rounded gravels.					1.6		
15.0			4		2.2		0.0		
	-16.0 16.0	End of Borehole							



Drilled By: Russo Redevelopment
Drill Rig Type: Geo-probe
Drill Method: Direct Push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: .1-inch
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0123-005-100

Borehole Number: SB-5

Project: Delta Sonic Phase II

Client: Delta Sonic

Logged By: TAB

Site Location: 348 Langner Rd, West Seneca NY

Checked By: BCH

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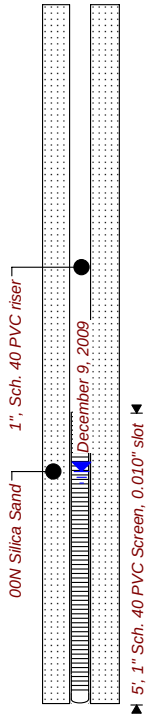
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 250 – 500)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt and Sub Base*** Black/grey non plastic fines, with fine to coarse sand and some coarse and fine gravel, dense, loose when disturbed.							
	-1.5 1.5	***Fine Sand*** Black to brown, wet, fine sand, rapid dilatancy, odor.	1		2.6		0.0, 267	STARS VOC & STARS SVOC	
	-3.0 3.0	***Silty Clay*** Dark brown, moist, high plasticity fines, trace fine sand, stiff.							
	-4.0 4.0	***Silty Clay*** Brown, wet, high plasticity fines, little fine sand, trace coarse sand, soft.	2		1.5		14.8, 30		
5.0									
	-8.0 8.0	***Till*** Brown, wet, high plasticity fines with some fine sand, few sub -rounded gravel, soft.	3		3.0		.7		
10.0									
	-12.0 12.0	End of Borehole							
15.0									
20.0									



Drilled By: Russo Development
Drill Rig Type: Geo-probe
Drill Method: Direct push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: 0.5 - inch
Datum: Mean Sea level

Sheet: 1 of 1

Project No: 0123-005-100

Borehole Number: SB-6

Project: Delta Sonic Phase II

Client: Delta Sonic

Logged By: TAB

Site Location: 348 Langner Road, West Seneca NY

Checked By: BCH

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SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 1000 – 2000)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 / -0.7 / 0.7	***Asphalt and sub base,*** Black grey, non plastic fines with coarse sand and fine gravel, dense, loose when disturbed.							
		Fill (reworked) Brown, moist, non plastic fines, with some fine sand, with coarse limestone peices and cinders, medium dense.	1		2.5				
	-2.0 / 2.0	***Silty Clay*** Brown, moist to wet at interface, high plasticity fines, with trace fine sand, very stiff.							
	-4.0 / 4.0							STARS VOC & SVOC	
5.0		***Till*** As above, trace coarse sand and trace sub-rounded fine gravel.	2		3.5				
	-8.0 / 8.0	***Till*** As above, wet, with few fine sand, few sub rounded gravel.							
10.0			3		3				
	-12.0 / 12.0	End of Borehole							
15.0									
20.0									

December 9, 2009

Drilled By: Russo Development
Drill Rig Type: Geoprobe
Drill Method: Direct Push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0123-005-100

Borehole Number: SB-7

Project: Delta Sonic Phase II

Client: Delta Sonic

Logged By: TAB

Site Location: 348 Langner Rd, West Seneca NY

Checked By: BCH

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Lackawanna, NY
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SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface					0 12.5 25		
	0.0	***Asphalt and sub base*** Black/grey non plastic fines, with fine to coarse sand and some coarse and fine gravel, dense, loose when disturbed.					0.0		
	-1.0 1.0	***Silty Clay*** Black to olive green,moist, high plasticity fines with few fine sand, stiff, with rootlets.	1		2.9		1.0	STARS SVOC & VOC	
	-4.0 4.0	***Till*** As above, brown with some fine sand, few sub angular and sub rounded fine gravels, no rootlets.	2		1.6		0.0 0.0		December 9, 2009
	-8.0 8.0	***Till*** as above, wet, few fine gravel, refusal at 11.6 fbgs	3		2.0		0.0 0.0		
	-11.6 11.6	End of Borehole							
5.0									
10.0									
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Geoprobe
Drill Method: Direct push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: NA
Datum: Mean Sea Level.

Sheet: 1 of 1

Project No: 0123 - 005 - 100

Borehole Number: SB -8

Project: Delta Sonic Phase II

Client: Delta Sonic

Logged By: TAB

Site Location: 348 Langner Road, West Seneca NY

Checked By: BCH

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Lackawanna, NY
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SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt and subbase*** Black/grey non plastic fines, with fine to coarse sand and some coarse and fine gravel, dense, loose when disturbed.							
	-1.0 1.0	***Fill (reworked)*** Brown/black, moist, low plasticity fines, with some fine sand and coarse sand, few coarse gravels, dense.	1		2.8				
	-4.0 4.0	***Silty Clay*** Brown, moist, medium plastic fines w/ trace fine sand, grey vertical grey fine sand f filled factures, very stiff.	2		1.6				
5.0	-8.0 8.0	End of Borehole							
10.0									
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Geoprobe
Drill Method: Direct Push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0123 - 005 - 100

Borehole Number: SB - 9

Project: Delta Sonic Phase II

Client: Delta Sonic

Logged By: TAB

Site Location: 348 Langner Rd, West Seneca, NY

Checked By: BCH

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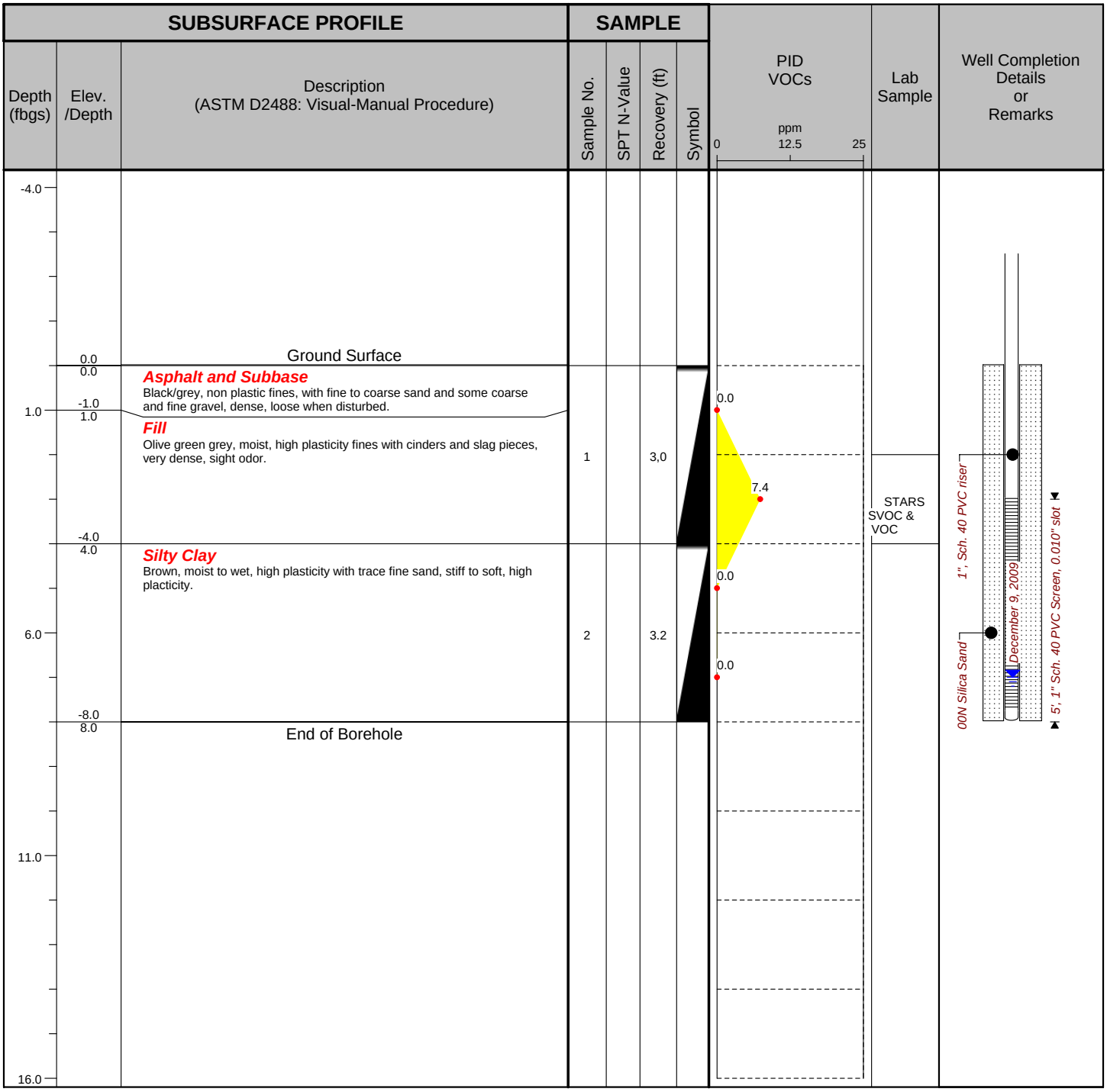


Drilled By: Russo Development
Drill Rig Type: Geoprobe
Drill Method: Direct Push

Drill Date(s): 12/9/09

Hole Size: 2-inch
Stick-up: 3.5
Datum:

Sheet: 1 of 1

ATTACHMENT 2

LABORATORY ANALYTICAL DATA SUMMARY PACKAGE

Analytical Report

Work Order: RSL0550

Project Description

Benchmark- Langner Rd. Delta Sonic

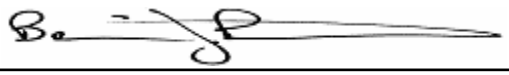
For:

Mike Lesakowski

Benchmark Environmental & Engineering Science

2558 Hamburg Turnpike, Suite 300

Lackawanna, NY 14218



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Tuesday, December 22, 2009

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
D08	Dilution required due to high concentration of target analyte(s)
D10	Dilution required due to sample color
D12	Dilution required due to sample viscosity
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
P11	Sample was not sufficiently preserved at time of collection. Sample pH is >2
W1	Sample was prepared and analyzed utilizing the medium level extraction.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-01 (SB-1(2-4) - Solid)						**Sampled: 12/09/09 15:30**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**1.4**	J	5.4	0.39	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
m-Xylene & p-Xylene	**3.3**	J, B	11	0.91	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
o-Xylene	**1.1**	J	5.4	0.71	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Toluene	**2.3**	J	5.4	0.41	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Xylenes, total	**4.4**	J, B	11	0.91	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
General Chemistry Parameters										
Percent Solids	**91**		0.010	NR	%	1.00	12/11/09 13:18	JRR	9L11027	Dry Weight
Sample ID: RSL0550-02 (SB-2(2-4) - Solid)						**Sampled: 12/09/09 16:34**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
Methyl-t-Butyl Ether (MTBE)	**3.8**	J	6.2	0.61	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
m-Xylene & p-Xylene	**3.6**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Toluene	**3.3**	J	6.2	0.47	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Xylenes, total	**3.6**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
General Chemistry Parameters										
Percent Solids	**80**		0.010	NR	%	1.00	12/11/09 13:20	JRR	9L11027	Dry Weight
Sample ID: RSL0550-03 (SB-3(2-4) - Solid)						**Sampled: 12/09/09 16:42**		**Recvd: 12/10/09 11:20**		
General Chemistry Parameters										
Percent Solids	**93**		0.010	NR	%	1.00	12/11/09 13:22	JRR	9L11027	Dry Weight
Sample ID: RSL0550-04 (SB-4(2-4) - Solid)						**Sampled: 12/09/09 10:28**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
p-Cymene	**16**		6.4	0.51	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Benzene	**110**		6.4	0.31	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Isopropylbenzene	**190**		6.4	0.96	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
sec-Butylbenzene	**34**		6.4	0.55	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Toluene	**240**		6.4	0.48	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Semivolatile Organics by GC/MS										
Fluorene	**250**	D10,J	2200	50	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Naphthalene	**11000**	D10	2200	36	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Phenanthrene	**630**	D10,J	2200	46	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Pyrene	**350**	D10,J	2200	14	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
General Chemistry Parameters										
Percent Solids	**77**		0.010	NR	%	1.00	12/11/09 13:24	JRR	9L11027	Dry Weight
Sample ID: RSL0550-04RE1 (SB-4(2-4) - Solid)						**Sampled: 12/09/09 10:28**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**120000**	D08, W1	2600	190	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
1,3,5-Trimethylbenzene	**35000**	D08, W1	2600	170	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
Ethylbenzene	**21000**	D08, W1	2600	180	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
m-Xylene & p-Xylene	**120000**	D08, W1	5200	440	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-04RE1 (SB-4(2-4) - Solid) - cont.						**Sampled: 12/09/09 10:28**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
n-Propylbenzene	**12000**	D08, W1	2600	210	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
o-Xylene	**43000**	D08, W1	2600	340	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
Xylenes, total	**160000**	D08, W1	5200	440	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
Sample ID: RSL0550-05 (SB-5(2-4) - Solid)						**Sampled: 12/09/09 11:12**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
p-Cymene	**450**	W1	120	9.7	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
Benzene	**78**	W1,J	120	5.8	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
Isopropylbenzene	**1600**	W1	120	18	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
n-Propylbenzene	**7800**	W1	120	9.7	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
sec-Butylbenzene	**650**	W1	120	11	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
Semivolatile Organics by GC/MS										
Fluoranthene	**31**	J	210	3.0	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Naphthalene	**330**		210	3.4	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Phenanthrene	**39**	J	210	4.3	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Pyrene	**29**	J	210	1.3	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
General Chemistry Parameters										
Percent Solids	**80**		0.010	NR	%	1.00	12/11/09 13:26	JRR	9L11027	Dry Weight
Sample ID: RSL0550-05RE1 (SB-5(2-4) - Solid)						**Sampled: 12/09/09 11:12**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**92000**	W1, D08	970	70	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
1,3,5-Trimethylbenzene	**31000**	W1, D08	970	62	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
Ethylbenzene	**25000**	W1, D08	970	66	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
m-Xylene & p-Xylene	**110000**	W1, D08	1900	160	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
o-Xylene	**42000**	W1, D08	970	130	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
Toluene	**21000**	W1, D08	970	74	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
Xylenes, total	**150000**	W1, D08	1900	160	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
Sample ID: RSL0550-06 (SB-6(4-6) - Solid)						**Sampled: 12/09/09 16:50**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
m-Xylene & p-Xylene	**1.9**	J, B	11	0.96	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Toluene	**1.4**	J	5.7	0.43	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Xylenes, total	**1.9**	J, B	11	0.96	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
General Chemistry Parameters										
Percent Solids	**85**		0.010	NR	%	1.00	12/11/09 13:28	JRR	9L11027	Dry Weight
Sample ID: RSL0550-07 (SB-7(2-4) - Solid)						**Sampled: 12/09/09 16:55**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**1.9**	J	6.1	0.44	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
m-Xylene & p-Xylene	**1.7**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Xylenes, total	**1.7**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Semivolatile Organics by GC/MS										

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-07 (SB-7(2-4) - Solid) - cont.						**Sampled: 12/09/09 16:55**		**Recvd: 12/10/09 11:20**		
Semivolatile Organics by GC/MS - cont.										
Acenaphthene	**490**	D12,J	4000	47	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Benzo(a)anthracene	**250**	D12,J	4000	68	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Benzo(b)fluoranthene	**340**	D12,J	4000	77	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Chrysene	**450**	D12,J	4000	40	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Fluorene	**980**	D12,J	4000	91	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Phenanthrene	**2900**	D12,J	4000	83	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
General Chemistry Parameters										
Percent Solids	**83**		0.010	NR	%	1.00	12/11/09 13:30	JRR	9L11027	Dry Weight
Sample ID: RSL0550-08 (SB-9(2-4) - Solid)						**Sampled: 12/09/09 17:03**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**16**		6.1	0.44	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
p-Cymene	**2.1**	J	6.1	0.49	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Isopropylbenzene	**1.4**	J	6.1	0.92	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
m-Xylene & p-Xylene	**2.0**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
n-Butylbenzene	**2.7**	J	6.1	0.53	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
n-Propylbenzene	**2.4**	J	6.1	0.49	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Toluene	**1.2**	J	6.1	0.46	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Xylenes, total	**2.0**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Semivolatile Organics by GC/MS										
Phenanthrene	**580**	D12,J	4200	87	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
General Chemistry Parameters										
Percent Solids	**80**		0.010	NR	%	1.00	12/11/09 13:32	JRR	9L11027	Dry Weight
Sample ID: RSL0550-09 (TMW-1 - Water)						**Sampled: 12/09/09 14:05**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
Acetone	**4.9**	J	5.0	1.3	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Sample ID: RSL0550-10 (TMW-2 - Water)						**Sampled: 12/09/09 14:10**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethane	**1.8**	P11	1.0	0.21	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
2-Butanone	**12**	P11	5.0	1.3	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
p-Cymene	**3.3**	P11	1.0	0.31	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Acetone	**43**	P11	5.0	1.3	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Isopropylbenzene	**56**	P11	1.0	0.19	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Methylcyclohexane	**33**	P11	1.0	0.50	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
sec-Butylbenzene	**6.3**	P11	1.0	0.30	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Sample ID: RSL0550-10RE1 (TMW-2 - Water)						**Sampled: 12/09/09 14:10**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**2200**	D08	40	13	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
1,3,5-Trimethylbenzene	**690**	D08	40	8.7	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Benzene	**150**	D08	40	16	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Ethylbenzene	**1300**	D08	40	7.4	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
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Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-10RE1 (TMW-2 - Water) - cont.						**Sampled: 12/09/09 14:10**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
m-Xylene & p-Xylene	**6100**	D08	80	26	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
n-Propylbenzene	**210**	D08	40	7.4	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
o-Xylene	**2800**	D08	40	14	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Toluene	**220**	D08	40	20	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Xylenes, total	**8900**	D08	80	26	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Sample ID: RSL0550-11 (TMW-3 - Water)						**Sampled: 12/09/09 14:15**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
2-Butanone	**100**		5.0	1.3	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
p-Cymene	**5.4**		1.0	0.31	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Acetone	**200**		5.0	1.3	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Isopropylbenzene	**76**		1.0	0.19	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
sec-Butylbenzene	**8.0**		1.0	0.30	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Sample ID: RSL0550-11RE1 (TMW-3 - Water)						**Sampled: 12/09/09 14:15**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**3600**	D08, P11	250	81	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
1,3,5-Trimethylbenzene	**1100**	D08, P11	250	54	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Benzene	**1000**	D08, P11	250	100	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Cyclohexane	**1500**	D08, P11	250	130	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Ethylbenzene	**3200**	D08, P11	250	46	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Methylcyclohexane	**470**	D08, P11	250	120	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
m-Xylene & p-Xylene	**13000**	D08, P11	500	160	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
n-Propylbenzene	**420**	D08, P11	250	46	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
o-Xylene	**5200**	D08, P11	250	90	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Toluene	**13000**	D08, P11	250	130	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Xylenes, total	**18000**	D08, P11	500	160	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Sample ID: RSL0550-12 (TMW-4 - Water)						**Sampled: 12/09/09 14:20**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**8.3**		1.0	0.33	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,3,5-Trimethylbenzene	**2.8**		1.0	0.22	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Acetone	**6.7**		5.0	1.3	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Benzene	**0.52**	J	1.0	0.41	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Cyclohexane	**6.2**		1.0	0.53	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Ethylbenzene	**3.0**		1.0	0.18	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Methylcyclohexane	**2.7**		1.0	0.50	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
m-Xylene & p-Xylene	**11**		2.0	0.66	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
n-Propylbenzene	**1.2**		1.0	0.18	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
o-Xylene	**4.0**		1.0	0.36	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Toluene	**3.5**		1.0	0.51	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Xylenes, total	**15**		2.0	0.66	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B

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2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
SB-1(2-4)	RSL0550-01	Solid	12/09/09 15:30	12/10/09 11:20	
SB-2(2-4)	RSL0550-02	Solid	12/09/09 16:34	12/10/09 11:20	
SB-3(2-4)	RSL0550-03	Solid	12/09/09 16:42	12/10/09 11:20	
SB-4(2-4)	RSL0550-04	Solid	12/09/09 10:28	12/10/09 11:20	
SB-5(2-4)	RSL0550-05	Solid	12/09/09 11:12	12/10/09 11:20	
SB-6(4-6)	RSL0550-06	Solid	12/09/09 16:50	12/10/09 11:20	
SB-7(2-4)	RSL0550-07	Solid	12/09/09 16:55	12/10/09 11:20	
SB-9(2-4)	RSL0550-08	Solid	12/09/09 17:03	12/10/09 11:20	
TMW-1	RSL0550-09	Water	12/09/09 14:05	12/10/09 11:20	
TMW-2	RSL0550-10	Water	12/09/09 14:10	12/10/09 11:20	
TMW-3	RSL0550-11	Water	12/09/09 14:15	12/10/09 11:20	
TMW-4	RSL0550-12	Water	12/09/09 14:20	12/10/09 11:20	

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2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-01 (SB-1(2-4) - Solid) — **Sampled: 12/09/09 15:30** — **Recvd: 12/10/09 11:20**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**1.4**	J	5.4	0.39	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
1,3,5-Trimethylbenzene	ND		5.4	0.35	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
p-Cymene	ND		5.4	0.44	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Benzene	ND		5.4	0.27	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Ethylbenzene	ND		5.4	0.38	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Isopropylbenzene	ND		5.4	0.82	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.4	0.53	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
m-Xylene & p-Xylene	**3.3**	J, B	11	0.91	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
n-Butylbenzene	ND		5.4	0.47	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
n-Propylbenzene	ND		5.4	0.43	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
o-Xylene	**1.1**	J	5.4	0.71	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
sec-Butylbenzene	ND		5.4	0.47	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
tert-Butylbenzene	ND		5.4	0.57	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Toluene	**2.3**	J	5.4	0.41	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
Xylenes, total	**4.4**	J, B	11	0.91	ug/kg dry	1.00	12/12/09 16:32	PQ	9L12009	8260B
1,2-Dichloroethane-d4	*113 %*		*Surr Limits: (64-126%)*				*12/12/09 16:32*	*PQ*	*9L12009*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (72-126%)*				*12/12/09 16:32*	*PQ*	*9L12009*	*8260B*
Toluene-d8	*107 %*		*Surr Limits: (71-125%)*				*12/12/09 16:32*	*PQ*	*9L12009*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	ND	D10	910	11	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Acenaphthylene	ND	D10	910	7.4	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Anthracene	ND	D10	910	23	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Benzo(a)anthracene	ND	D10	910	16	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Benzo(a)pyrene	ND	D10	910	22	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Benzo(b)fluoranthene	ND	D10	910	18	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Benzo(ghi)perylene	ND	D10	910	11	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND	D10	910	10	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Chrysene	ND	D10	910	9.1	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND	D10	910	11	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Fluoranthene	ND	D10	910	13	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Fluorene	ND	D10	910	21	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND	D10	910	25	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Naphthalene	ND	D10	910	15	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Pentachloroethane	ND	D10	54	16	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Phenanthrene	ND	D10	910	19	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
Pyrene	ND	D10	910	5.9	ug/kg dry	5.00	12/12/09 22:00	MKP	9L10099	8270C
2,4,6-Tribromophenol	*90 %*	*D10*	*Surr Limits: (39-146%)*				*12/12/09 22:00*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*100 %*	*D10*	*Surr Limits: (37-120%)*				*12/12/09 22:00*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*78 %*	*D10*	*Surr Limits: (18-120%)*				*12/12/09 22:00*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*78 %*	*D10*	*Surr Limits: (34-132%)*				*12/12/09 22:00*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*86 %*	*D10*	*Surr Limits: (11-120%)*				*12/12/09 22:00*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*98 %*	*D10*	*Surr Limits: (58-147%)*				*12/12/09 22:00*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**91**		0.010	NR	%	1.00	12/11/09 13:18	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-02 (SB-2(2-4) - Solid) — **Sampled: 12/09/09 16:34** — **Recvd: 12/10/09 11:20**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	ND		6.2	0.45	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
1,3,5-Trimethylbenzene	ND		6.2	0.40	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
p-Cymene	ND		6.2	0.50	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Benzene	ND		6.2	0.30	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Ethylbenzene	ND		6.2	0.43	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Isopropylbenzene	ND		6.2	0.94	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Methyl-t-Butyl Ether (MTBE)	**3.8**	J	6.2	0.61	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
m-Xylene & p-Xylene	**3.6**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
n-Butylbenzene	ND		6.2	0.54	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
n-Propylbenzene	ND		6.2	0.50	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
o-Xylene	ND		6.2	0.81	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
sec-Butylbenzene	ND		6.2	0.54	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
tert-Butylbenzene	ND		6.2	0.65	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Toluene	**3.3**	J	6.2	0.47	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
Xylenes, total	**3.6**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 16:58	PQ	9L12009	8260B
1,2-Dichloroethane-d4	*112 %*		*Surr Limits: (64-126%)*				*12/12/09 16:58*	*PQ*	*9L12009*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (72-126%)*				*12/12/09 16:58*	*PQ*	*9L12009*	*8260B*
Toluene-d8	*107 %*		*Surr Limits: (71-125%)*				*12/12/09 16:58*	*PQ*	*9L12009*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	ND	D10	1000	12	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Acenaphthylene	ND	D10	1000	8.5	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Anthracene	ND	D10	1000	27	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Benzo(a)anthracene	ND	D10	1000	18	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Benzo(a)pyrene	ND	D10	1000	25	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Benzo(b)fluoranthene	ND	D10	1000	20	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Benzo(ghi)perylene	ND	D10	1000	12	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND	D10	1000	11	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Chrysene	ND	D10	1000	10	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND	D10	1000	12	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Fluoranthene	ND	D10	1000	15	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Fluorene	ND	D10	1000	24	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND	D10	1000	29	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Naphthalene	ND	D10	1000	17	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Pentachloroethane	ND	D10	62	18	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Phenanthrene	ND	D10	1000	22	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
Pyrene	ND	D10	1000	6.7	ug/kg dry	5.00	12/12/09 23:28	MKP	9L10099	8270C
2,4,6-Tribromophenol	*77 %*	*D10*	*Surr Limits: (39-146%)*				*12/12/09 23:28*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*94 %*	*D10*	*Surr Limits: (37-120%)*				*12/12/09 23:28*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*81 %*	*D10*	*Surr Limits: (18-120%)*				*12/12/09 23:28*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*84 %*	*D10*	*Surr Limits: (34-132%)*				*12/12/09 23:28*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*86 %*	*D10*	*Surr Limits: (11-120%)*				*12/12/09 23:28*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*87 %*	*D10*	*Surr Limits: (58-147%)*				*12/12/09 23:28*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**80**		0.010	NR	%	1.00	12/11/09 13:20	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-03 (SB-3(2-4) - Solid) — **Sampled: 12/09/09 16:42** — **Recvd: 12/10/09 11:20**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	ND		5.2	0.38	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
1,3,5-Trimethylbenzene	ND		5.2	0.34	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
p-Cymene	ND		5.2	0.42	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
Benzene	ND		5.2	0.26	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
Ethylbenzene	ND		5.2	0.36	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
Isopropylbenzene	ND		5.2	0.79	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.2	0.51	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
m-Xylene & p-Xylene	ND		10	0.87	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
n-Butylbenzene	ND		5.2	0.45	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
n-Propylbenzene	ND		5.2	0.42	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
o-Xylene	ND		5.2	0.68	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
sec-Butylbenzene	ND		5.2	0.45	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
tert-Butylbenzene	ND		5.2	0.54	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
Toluene	ND		5.2	0.39	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
Xylenes, total	ND		10	0.87	ug/kg dry	1.00	12/11/09 23:14	CDC	9L11117	8260B
1,2-Dichloroethane-d4	*83 %*		*Surr Limits: (64-126%)*				*12/11/09 23:14*	*CDC*	*9L11117*	*8260B*
4-Bromofluorobenzene	*125 %*		*Surr Limits: (72-126%)*				*12/11/09 23:14*	*CDC*	*9L11117*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-125%)*				*12/11/09 23:14*	*CDC*	*9L11117*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	ND	D12	3600	42	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Acenaphthylene	ND	D12	3600	29	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Anthracene	ND	D12	3600	91	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Benzo(a)anthracene	ND	D12	3600	62	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Benzo(a)pyrene	ND	D12	3600	86	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Benzo(b)fluoranthene	ND	D12	3600	69	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Benzo(ghi)perylene	ND	D12	3600	43	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND	D12	3600	39	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Chrysene	ND	D12	3600	36	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND	D12	3600	42	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Fluoranthene	ND	D12	3600	52	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Fluorene	ND	D12	3600	82	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND	D12	3600	99	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Naphthalene	ND	D12	3600	59	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Pentachloroethane	ND	D12	210	62	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Phenanthrene	ND	D12	3600	75	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
Pyrene	ND	D12	3600	23	ug/kg dry	20.0	12/12/09 23:53	MKP	9L10099	8270C
2,4,6-Tribromophenol	*89 %*	*D12*	*Surr Limits: (39-146%)*				*12/12/09 23:53*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*92 %*	*D12*	*Surr Limits: (37-120%)*				*12/12/09 23:53*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*78 %*	*D12*	*Surr Limits: (18-120%)*				*12/12/09 23:53*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*72 %*	*D12*	*Surr Limits: (34-132%)*				*12/12/09 23:53*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*81 %*	*D12*	*Surr Limits: (11-120%)*				*12/12/09 23:53*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*87 %*	*D12*	*Surr Limits: (58-147%)*				*12/12/09 23:53*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**93**		0.010	NR	%	1.00	12/11/09 13:22	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-04 (SB-4(2-4) - Solid)						**Sampled: 12/09/09 10:28**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
p-Cymene	**16**		6.4	0.51	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Benzene	**110**		6.4	0.31	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Isopropylbenzene	**190**		6.4	0.96	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Methyl-t-Butyl Ether (MTBE)	ND		6.4	0.63	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
n-Butylbenzene	ND		6.4	0.55	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
sec-Butylbenzene	**34**		6.4	0.55	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
tert-Butylbenzene	ND		6.4	0.66	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
Toluene	**240**		6.4	0.48	ug/kg dry	1.00	12/11/09 23:39	CDC	9L11117	8260B
1,2-Dichloroethane-d4	*86 %*		*Surr Limits: (64-126%)*				*12/11/09 23:39*	*CDC*	*9L11117*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (72-126%)*				*12/11/09 23:39*	*CDC*	*9L11117*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-125%)*				*12/11/09 23:39*	*CDC*	*9L11117*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	ND	D10	2200	26	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Acenaphthylene	ND	D10	2200	18	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Anthracene	ND	D10	2200	56	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Benzo(a)anthracene	ND	D10	2200	38	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Benzo(a)pyrene	ND	D10	2200	53	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Benzo(b)fluoranthene	ND	D10	2200	42	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Benzo(ghi)perylene	ND	D10	2200	26	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND	D10	2200	24	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Chrysene	ND	D10	2200	22	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND	D10	2200	26	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Fluoranthene	ND	D10	2200	32	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Fluorene	**250**	D10,J	2200	50	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND	D10	2200	60	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Naphthalene	**11000**	D10	2200	36	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Pentachloroethane	ND	D10	130	38	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Phenanthrene	**630**	D10,J	2200	46	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
Pyrene	**350**	D10,J	2200	14	ug/kg dry	10.0	12/13/09 00:17	MKP	9L10099	8270C
2,4,6-Tribromophenol	*87 %*	*D10*	*Surr Limits: (39-146%)*				*12/13/09 00:17*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*82 %*	*D10*	*Surr Limits: (37-120%)*				*12/13/09 00:17*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*70 %*	*D10*	*Surr Limits: (18-120%)*				*12/13/09 00:17*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*71 %*	*D10*	*Surr Limits: (34-132%)*				*12/13/09 00:17*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*75 %*	*D10*	*Surr Limits: (11-120%)*				*12/13/09 00:17*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*83 %*	*D10*	*Surr Limits: (58-147%)*				*12/13/09 00:17*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**77**		0.010	NR	%	1.00	12/11/09 13:24	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-04RE1 (SB-4(2-4) - Solid)						**Sampled: 12/09/09 10:28**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**120000**	D08, W1	2600	190	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
1,3,5-Trimethylbenzene	**35000**	D08, W1	2600	170	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
Ethylbenzene	**21000**	D08, W1	2600	180	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
m-Xylene & p-Xylene	**120000**	D08, W1	5200	440	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
n-Propylbenzene	**12000**	D08, W1	2600	210	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
o-Xylene	**43000**	D08, W1	2600	340	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
Xylenes, total	**160000**	D08, W1	5200	440	ug/kg dry	20.0	12/19/09 12:55	DHC	9L17029	8260B
1,2-Dichloroethane-d4	*114 %*	*D08, W1*	*Surr Limits: (10-190%)*				*12/19/09 12:55*	*DHC*	*9L17029*	*8260B*
4-Bromofluorobenzene	*103 %*	*D08, W1*	*Surr Limits: (10-190%)*				*12/19/09 12:55*	*DHC*	*9L17029*	*8260B*
Toluene-d8	*88 %*	*D08, W1*	*Surr Limits: (10-190%)*				*12/19/09 12:55*	*DHC*	*9L17029*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-05 (SB-5(2-4) - Solid)						**Sampled: 12/09/09 11:12**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
p-Cymene	**450**	W1	120	9.7	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
Benzene	**78**	W1,J	120	5.8	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
Isopropylbenzene	**1600**	W1	120	18	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
Methyl-t-Butyl Ether (MTBE)	ND	W1	120	12	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
n-Butylbenzene	ND	W1	120	11	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
n-Propylbenzene	**7800**	W1	120	9.7	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
sec-Butylbenzene	**650**	W1	120	11	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
tert-Butylbenzene	ND	W1	120	13	ug/kg dry	1.00	12/17/09 13:07	DHC	9L17029	8260B
1,2-Dichloroethane-d4	*108 %*	*W1*	*Surr Limits: (10-190%)*				*12/17/09 13:07*	*DHC*	*9L17029*	*8260B*
4-Bromofluorobenzene	*77 %*	*W1*	*Surr Limits: (10-190%)*				*12/17/09 13:07*	*DHC*	*9L17029*	*8260B*
Toluene-d8	*77 %*	*W1*	*Surr Limits: (10-190%)*				*12/17/09 13:07*	*DHC*	*9L17029*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	ND		210	2.4	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Acenaphthylene	ND		210	1.7	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Anthracene	ND		210	5.3	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Benzo(a)anthracene	ND		210	3.6	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Benzo(a)pyrene	ND		210	5.0	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Benzo(b)fluoranthene	ND		210	4.0	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Benzo(ghi)perylene	ND		210	2.5	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND		210	2.3	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Chrysene	ND		210	2.1	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND		210	2.4	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Fluoranthene	**31**	J	210	3.0	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Fluorene	ND		210	4.8	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND		210	5.7	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Naphthalene	**330**		210	3.4	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Pentachloroethane	ND		12	3.6	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Phenanthrene	**39**	J	210	4.3	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
Pyrene	**29**	J	210	1.3	ug/kg dry	1.00	12/13/09 00:42	MKP	9L10099	8270C
2,4,6-Tribromophenol	*106 %*		*Surr Limits: (39-146%)*				*12/13/09 00:42*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*106 %*		*Surr Limits: (37-120%)*				*12/13/09 00:42*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*93 %*		*Surr Limits: (18-120%)*				*12/13/09 00:42*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*100 %*		*Surr Limits: (34-132%)*				*12/13/09 00:42*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*99 %*		*Surr Limits: (11-120%)*				*12/13/09 00:42*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*110 %*		*Surr Limits: (58-147%)*				*12/13/09 00:42*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**80**		0.010	NR	%	1.00	12/11/09 13:26	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-05RE1 (SB-5(2-4) - Solid)						**Sampled: 12/09/09 11:12**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**92000**	W1, D08	970	70	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
1,3,5-Trimethylbenzene	**31000**	W1, D08	970	62	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
Ethylbenzene	**25000**	W1, D08	970	66	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
m-Xylene & p-Xylene	**110000**	W1, D08	1900	160	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
o-Xylene	**42000**	W1, D08	970	130	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
Toluene	**21000**	W1, D08	970	74	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
Xylenes, total	**150000**	W1, D08	1900	160	ug/kg dry	8.00	12/19/09 12:51	DHC	9L17029	8260B
1,2-Dichloroethane-d4	*135 %*	*W1, D08*	*Surr Limits: (10-190%)*				*12/19/09 12:51*	*DHC*	*9L17029*	*8260B*
4-Bromofluorobenzene	*118 %*	*W1, D08*	*Surr Limits: (10-190%)*				*12/19/09 12:51*	*DHC*	*9L17029*	*8260B*
Toluene-d8	*121 %*	*W1, D08*	*Surr Limits: (10-190%)*				*12/19/09 12:51*	*DHC*	*9L17029*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-06 (SB-6(4-6) - Solid) — **Sampled: 12/09/09 16:50** — **Recvd: 12/10/09 11:20**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	ND		5.7	0.41	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
1,3,5-Trimethylbenzene	ND		5.7	0.37	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
p-Cymene	ND		5.7	0.46	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Benzene	ND		5.7	0.28	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Ethylbenzene	ND		5.7	0.39	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Isopropylbenzene	ND		5.7	0.86	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.7	0.56	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
m-Xylene & p-Xylene	**1.9**	J, B	11	0.96	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
n-Butylbenzene	ND		5.7	0.50	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
n-Propylbenzene	ND		5.7	0.46	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
o-Xylene	ND		5.7	0.74	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
sec-Butylbenzene	ND		5.7	0.50	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
tert-Butylbenzene	ND		5.7	0.59	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Toluene	**1.4**	J	5.7	0.43	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
Xylenes, total	**1.9**	J, B	11	0.96	ug/kg dry	1.00	12/12/09 17:23	PQ	9L12009	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits: (64-126%)*				*12/12/09 17:23*	*PQ*	*9L12009*	*8260B*
4-Bromofluorobenzene	*95 %*		*Surr Limits: (72-126%)*				*12/12/09 17:23*	*PQ*	*9L12009*	*8260B*
Toluene-d8	*103 %*		*Surr Limits: (71-125%)*				*12/12/09 17:23*	*PQ*	*9L12009*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	ND	D10	980	11	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Acenaphthylene	ND	D10	980	7.9	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Anthracene	ND	D10	980	25	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Benzo(a)anthracene	ND	D10	980	17	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Benzo(a)pyrene	ND	D10	980	23	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Benzo(b)fluoranthene	ND	D10	980	19	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Benzo(ghi)perylene	ND	D10	980	12	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND	D10	980	11	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Chrysene	ND	D10	980	9.7	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND	D10	980	11	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Fluoranthene	ND	D10	980	14	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Fluorene	ND	D10	980	22	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND	D10	980	27	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Naphthalene	ND	D10	980	16	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Pentachloroethane	ND	D10	58	17	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Phenanthrene	ND	D10	980	20	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
Pyrene	ND	D10	980	6.3	ug/kg dry	5.00	12/13/09 01:06	MKP	9L10099	8270C
2,4,6-Tribromophenol	*71 %*	*D10*	*Surr Limits: (39-146%)*				*12/13/09 01:06*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*81 %*	*D10*	*Surr Limits: (37-120%)*				*12/13/09 01:06*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*67 %*	*D10*	*Surr Limits: (18-120%)*				*12/13/09 01:06*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*71 %*	*D10*	*Surr Limits: (34-132%)*				*12/13/09 01:06*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*75 %*	*D10*	*Surr Limits: (11-120%)*				*12/13/09 01:06*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*84 %*	*D10*	*Surr Limits: (58-147%)*				*12/13/09 01:06*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**85**		0.010	NR	%	1.00	12/11/09 13:28	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-07 (SB-7(2-4) - Solid) — **Sampled: 12/09/09 16:55** — **Recvd: 12/10/09 11:20**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**1.9**	J	6.1	0.44	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
1,3,5-Trimethylbenzene	ND		6.1	0.39	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
p-Cymene	ND		6.1	0.49	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Benzene	ND		6.1	0.30	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Ethylbenzene	ND		6.1	0.42	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Isopropylbenzene	ND		6.1	0.91	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Methyl-t-Butyl Ether (MTBE)	ND		6.1	0.59	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
m-Xylene & p-Xylene	**1.7**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
n-Butylbenzene	ND		6.1	0.53	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
n-Propylbenzene	ND		6.1	0.48	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
o-Xylene	ND		6.1	0.79	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
sec-Butylbenzene	ND		6.1	0.53	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
tert-Butylbenzene	ND		6.1	0.63	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Toluene	ND		6.1	0.46	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
Xylenes, total	**1.7**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 17:49	PQ	9L12009	8260B
1,2-Dichloroethane-d4	*109 %*		*Surr Limits: (64-126%)*				*12/12/09 17:49*	*PQ*	*9L12009*	*8260B*
4-Bromofluorobenzene	*94 %*		*Surr Limits: (72-126%)*				*12/12/09 17:49*	*PQ*	*9L12009*	*8260B*
Toluene-d8	*100 %*		*Surr Limits: (71-125%)*				*12/12/09 17:49*	*PQ*	*9L12009*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	**490**	D12,J	4000	47	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Acenaphthylene	ND	D12	4000	32	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Anthracene	ND	D12	4000	100	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Benzo(a)anthracene	**250**	D12,J	4000	68	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Benzo(a)pyrene	ND	D12	4000	96	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Benzo(b)fluoranthene	**340**	D12,J	4000	77	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Benzo(ghi)perylene	ND	D12	4000	48	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND	D12	4000	44	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Chrysene	**450**	D12,J	4000	40	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND	D12	4000	47	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Fluoranthene	ND	D12	4000	57	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Fluorene	**980**	D12,J	4000	91	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND	D12	4000	110	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Naphthalene	ND	D12	4000	66	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Pentachloroethane	ND	D12	240	69	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Phenanthrene	**2900**	D12,J	4000	83	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
Pyrene	ND	D12	4000	26	ug/kg dry	20.0	12/13/09 01:30	MKP	9L10099	8270C
2,4,6-Tribromophenol	*99 %*	*D12*	*Surr Limits: (39-146%)*				*12/13/09 01:30*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*88 %*	*D12*	*Surr Limits: (37-120%)*				*12/13/09 01:30*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*50 %*	*D12*	*Surr Limits: (18-120%)*				*12/13/09 01:30*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*62 %*	*D12*	*Surr Limits: (34-132%)*				*12/13/09 01:30*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*72 %*	*D12*	*Surr Limits: (11-120%)*				*12/13/09 01:30*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*88 %*	*D12*	*Surr Limits: (58-147%)*				*12/13/09 01:30*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**83**		0.010	NR	%	1.00	12/11/09 13:30	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-08 (SB-9(2-4) - Solid)						**Sampled: 12/09/09 17:03**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**16**		6.1	0.44	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
1,3,5-Trimethylbenzene	ND		6.1	0.39	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
p-Cymene	**2.1**	J	6.1	0.49	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Benzene	ND		6.1	0.30	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Ethylbenzene	ND		6.1	0.42	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Isopropylbenzene	**1.4**	J	6.1	0.92	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Methyl-t-Butyl Ether (MTBE)	ND		6.1	0.60	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
m-Xylene & p-Xylene	**2.0**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
n-Butylbenzene	**2.7**	J	6.1	0.53	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
n-Propylbenzene	**2.4**	J	6.1	0.49	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
o-Xylene	ND		6.1	0.80	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
sec-Butylbenzene	ND		6.1	0.53	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
tert-Butylbenzene	ND		6.1	0.64	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Toluene	**1.2**	J	6.1	0.46	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
Xylenes, total	**2.0**	J, B	12	1.0	ug/kg dry	1.00	12/12/09 18:14	PQ	9L12009	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits: (64-126%)*				*12/12/09 18:14*	*PQ*	*9L12009*	*8260B*
4-Bromofluorobenzene	*97 %*		*Surr Limits: (72-126%)*				*12/12/09 18:14*	*PQ*	*9L12009*	*8260B*
Toluene-d8	*103 %*		*Surr Limits: (71-125%)*				*12/12/09 18:14*	*PQ*	*9L12009*	*8260B*
Semivolatile Organics by GC/MS										
Acenaphthene	ND	D12	4200	49	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Acenaphthylene	ND	D12	4200	34	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Anthracene	ND	D12	4200	110	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Benzo(a)anthracene	ND	D12	4200	72	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Benzo(a)pyrene	ND	D12	4200	100	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Benzo(b)fluoranthene	ND	D12	4200	80	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Benzo(ghi)perylene	ND	D12	4200	50	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Benzo(k)fluoranthene	ND	D12	4200	46	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Chrysene	ND	D12	4200	41	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Dibenzo(a,h)anthracene	ND	D12	4200	49	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Fluoranthene	ND	D12	4200	60	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Fluorene	ND	D12	4200	95	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Indeno(1,2,3-cd)pyrene	ND	D12	4200	110	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Naphthalene	ND	D12	4200	69	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Pentachloroethane	ND	D12	250	72	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Phenanthrene	**580**	D12,J	4200	87	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
Pyrene	ND	D12	4200	27	ug/kg dry	20.0	12/13/09 01:55	MKP	9L10099	8270C
2,4,6-Tribromophenol	*88 %*	*D12*	*Surr Limits: (39-146%)*				*12/13/09 01:55*	*MKP*	*9L10099*	*8270C*
2-Fluorobiphenyl	*75 %*	*D12*	*Surr Limits: (37-120%)*				*12/13/09 01:55*	*MKP*	*9L10099*	*8270C*
2-Fluorophenol	*50 %*	*D12*	*Surr Limits: (18-120%)*				*12/13/09 01:55*	*MKP*	*9L10099*	*8270C*
Nitrobenzene-d5	*50 %*	*D12*	*Surr Limits: (34-132%)*				*12/13/09 01:55*	*MKP*	*9L10099*	*8270C*
Phenol-d5	*62 %*	*D12*	*Surr Limits: (11-120%)*				*12/13/09 01:55*	*MKP*	*9L10099*	*8270C*
p-Terphenyl-d14	*80 %*	*D12*	*Surr Limits: (58-147%)*				*12/13/09 01:55*	*MKP*	*9L10099*	*8270C*
General Chemistry Parameters										
Percent Solids	**80**		0.010	NR	%	1.00	12/11/09 13:32	JRR	9L11027	Dry Weight

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-09 (TMW-1 - Water) **Sampled: 12/09/09 14:05** **Recvd: 12/10/09 11:20**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2,4-Trimethylbenzene	ND		1.0	0.33	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2-Dichloropropane	ND		1.0	0.33	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,3,5-Trimethylbenzene	ND		1.0	0.22	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
p-Cymene	ND		1.0	0.31	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Acetone	**4.9**	J	5.0	1.3	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
cis-1,2-Dichloroethene	ND		1.0	0.38	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Dichlorofluoromethane	ND		1.0	0.34	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
n-Butylbenzene	ND		1.0	0.28	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
n-Propylbenzene	ND		1.0	0.18	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
o-Xylene	ND		1.0	0.36	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
sec-Butylbenzene	ND		1.0	0.30	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-09 (TMW-1 - Water) - cont.						**Sampled: 12/09/09 14:05**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	12/19/09 16:58	DHC	9L19016	8260B
1,2-Dichloroethane-d4	*110 %*		*Surr Limits: (66-137%)*				*12/19/09 16:58*	*DHC*	*9L19016*	*8260B*
4-Bromofluorobenzene	*103 %*		*Surr Limits: (73-120%)*				*12/19/09 16:58*	*DHC*	*9L19016*	*8260B*
Toluene-d8	*101 %*		*Surr Limits: (71-126%)*				*12/19/09 16:58*	*DHC*	*9L19016*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-10 (TMW-2 - Water) — **Sampled: 12/09/09 14:10** — **Recvd: 12/10/09 11:20**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	P11	1.0	0.26	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,1,2,2-Tetrachloroethane	ND	P11	1.0	0.21	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,1,2-Trichloroethane	ND	P11	1.0	0.23	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	P11	1.0	0.31	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,1-Dichloroethane	ND	P11	1.0	0.38	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,1-Dichloroethene	ND	P11	1.0	0.29	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,2,4-Trichlorobenzene	ND	P11	1.0	0.41	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,2-Dibromo-3-chloropropane	ND	P11	1.0	0.39	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,2-Dibromoethane	ND	P11	1.0	0.17	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,2-Dichlorobenzene	ND	P11	1.0	0.20	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,2-Dichloroethane	**1.8**	P11	1.0	0.21	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,2-Dichloropropane	ND	P11	1.0	0.33	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,3-Dichlorobenzene	ND	P11	1.0	0.36	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
1,4-Dichlorobenzene	ND	P11	1.0	0.39	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
2-Butanone	**12**	P11	5.0	1.3	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
2-Hexanone	ND	P11	5.0	1.2	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
p-Cymene	**3.3**	P11	1.0	0.31	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
4-Methyl-2-pentanone	ND	P11	5.0	0.91	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Acetone	**43**	P11	5.0	1.3	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Bromodichloromethane	ND	P11	1.0	0.39	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Bromoform	ND	P11	1.0	0.26	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Bromomethane	ND	P11	1.0	0.28	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Carbon disulfide	ND	P11	1.0	0.19	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Carbon Tetrachloride	ND	P11	1.0	0.27	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Chlorobenzene	ND	P11	1.0	0.32	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Dibromochloromethane	ND	P11	1.0	0.32	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Chloroethane	ND	P11	1.0	0.32	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Chloroform	ND	P11	1.0	0.34	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Chloromethane	ND	P11	1.0	0.35	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
cis-1,2-Dichloroethene	ND	P11	1.0	0.38	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
cis-1,3-Dichloropropene	ND	P11	1.0	0.36	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Cyclohexane	ND	P11	1.0	0.53	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Dichlorofluoromethane	ND	P11	1.0	0.34	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Isopropylbenzene	**56**	P11	1.0	0.19	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Methyl Acetate	ND	P11	1.0	0.50	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Methyl-t-Butyl Ether (MTBE)	ND	P11	1.0	0.16	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Methylcyclohexane	**33**	P11	1.0	0.50	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Methylene Chloride	ND	P11	1.0	0.44	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
n-Butylbenzene	ND	P11	1.0	0.28	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
sec-Butylbenzene	**6.3**	P11	1.0	0.30	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Styrene	ND	P11	1.0	0.18	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Tetrachloroethene	ND	P11	1.0	0.36	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
trans-1,2-Dichloroethene	ND	P11	1.0	0.42	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
trans-1,3-Dichloropropene	ND	P11	1.0	0.37	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Trichloroethene	ND	P11	1.0	0.46	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Trichlorofluoromethane	ND	P11	1.0	0.15	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B
Vinyl chloride	ND	P11	1.0	0.24	ug/L	1.00	12/19/09 17:23	DHC	9L19016	8260B

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-10 (TMW-2 - Water) - cont.						**Sampled: 12/09/09 14:10**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
1,2-Dichloroethane-d4	*114 %*	*P11*	*Surr Limits: (66-137%)*				*12/19/09 17:23*	*DHC*	*9L19016*	*8260B*
4-Bromofluorobenzene	*87 %*	*P11*	*Surr Limits: (73-120%)*				*12/19/09 17:23*	*DHC*	*9L19016*	*8260B*
Toluene-d8	*87 %*	*P11*	*Surr Limits: (71-126%)*				*12/19/09 17:23*	*DHC*	*9L19016*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-10RE1 (TMW-2 - Water)						**Sampled: 12/09/09 14:10**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**2200**	D08	40	13	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
1,3,5-Trimethylbenzene	**690**	D08	40	8.7	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Benzene	**150**	D08	40	16	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Ethylbenzene	**1300**	D08	40	7.4	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
m-Xylene & p-Xylene	**6100**	D08	80	26	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
n-Propylbenzene	**210**	D08	40	7.4	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
o-Xylene	**2800**	D08	40	14	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Toluene	**220**	D08	40	20	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
Xylenes, total	**8900**	D08	80	26	ug/L	40.0	12/20/09 21:34	NMD	9L20002	8260B
1,2-Dichloroethane-d4	*104 %*	*D08*	*Surr Limits: (66-137%)*				*12/20/09 21:34*	*NMD*	*9L20002*	*8260B*
4-Bromofluorobenzene	*103 %*	*D08*	*Surr Limits: (73-120%)*				*12/20/09 21:34*	*NMD*	*9L20002*	*8260B*
Toluene-d8	*100 %*	*D08*	*Surr Limits: (71-126%)*				*12/20/09 21:34*	*NMD*	*9L20002*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-11 (TMW-3 - Water) **Sampled: 12/09/09 14:15** **Recvd: 12/10/09 11:20**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,2-Dichloropropane	ND		1.0	0.33	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
2-Butanone	**100**		5.0	1.3	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
p-Cymene	**5.4**		1.0	0.31	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Acetone	**200**		5.0	1.3	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
cis-1,2-Dichloroethene	ND		1.0	0.38	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Dichlorofluoromethane	ND		1.0	0.34	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Isopropylbenzene	**76**		1.0	0.19	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
n-Butylbenzene	ND		1.0	0.28	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
sec-Butylbenzene	**8.0**		1.0	0.30	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	12/19/09 17:47	DHC	9L19016	8260B
1,2-Dichloroethane-d4	*123 %*		*Surr Limits: (66-137%)*				*12/19/09 17:47*	*DHC*	*9L19016*	*8260B*
4-Bromofluorobenzene	*77 %*		*Surr Limits: (73-120%)*				*12/19/09 17:47*	*DHC*	*9L19016*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-11 (TMW-3 - Water) - cont.						**Sampled: 12/09/09 14:15**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Toluene-d8	*75 %*		*Surr Limits: (71-126%)*				*12/19/09 17:47*	*DHC*	*9L19016*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-11RE1 (TMW-3 - Water)						**Sampled: 12/09/09 14:15**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	**3600**	D08, P11	250	81	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
1,3,5-Trimethylbenzene	**1100**	D08, P11	250	54	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Benzene	**1000**	D08, P11	250	100	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Cyclohexane	**1500**	D08, P11	250	130	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Ethylbenzene	**3200**	D08, P11	250	46	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Methylcyclohexane	**470**	D08, P11	250	120	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
m-Xylene & p-Xylene	**13000**	D08, P11	500	160	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
n-Propylbenzene	**420**	D08, P11	250	46	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
o-Xylene	**5200**	D08, P11	250	90	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Toluene	**13000**	D08, P11	250	130	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
Xylenes, total	**18000**	D08, P11	500	160	ug/L	250	12/21/09 11:43	RJ	9L21005	8260B
1,2-Dichloroethane-d4	*104 %*	*D08, P11*	*Surr Limits: (66-137%)*				*12/21/09 11:43*	*RJ*	*9L21005*	*8260B*
4-Bromofluorobenzene	*104 %*	*D08, P11*	*Surr Limits: (73-120%)*				*12/21/09 11:43*	*RJ*	*9L21005*	*8260B*
Toluene-d8	*101 %*	*D08, P11*	*Surr Limits: (71-126%)*				*12/21/09 11:43*	*RJ*	*9L21005*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Sample ID: RSL0550-12 (TMW-4 - Water) — **Sampled: 12/09/09 14:20** — **Recvd: 12/10/09 11:20**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2,4-Trimethylbenzene	**8.3**		1.0	0.33	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2-Dichloropropane	ND		1.0	0.33	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,3,5-Trimethylbenzene	**2.8**		1.0	0.22	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
p-Cymene	ND		1.0	0.31	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Acetone	**6.7**		5.0	1.3	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Benzene	**0.52**	J	1.0	0.41	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
cis-1,2-Dichloroethene	ND		1.0	0.38	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Cyclohexane	**6.2**		1.0	0.53	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Dichlorofluoromethane	ND		1.0	0.34	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Ethylbenzene	**3.0**		1.0	0.18	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Methylcyclohexane	**2.7**		1.0	0.50	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
m-Xylene & p-Xylene	**11**		2.0	0.66	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
n-Butylbenzene	ND		1.0	0.28	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
n-Propylbenzene	**1.2**		1.0	0.18	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
o-Xylene	**4.0**		1.0	0.36	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
sec-Butylbenzene	ND		1.0	0.30	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0550-12 (TMW-4 - Water) - cont.						**Sampled: 12/09/09 14:20**		**Recvd: 12/10/09 11:20**		
Volatile Organic Compounds by EPA 8260B - cont.										
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Toluene	**3.5**		1.0	0.51	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
Xylenes, total	**15**		2.0	0.66	ug/L	1.00	12/21/09 11:19	RJ	9L21005	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (66-137%)*				*12/21/09 11:19*	*RJ*	*9L21005*	*8260B*
4-Bromofluorobenzene	*104 %*		*Surr Limits: (73-120%)*				*12/21/09 11:19*	*RJ*	*9L21005*	*8260B*
Toluene-d8	*102 %*		*Surr Limits: (71-126%)*				*12/21/09 11:19*	*RJ*	*9L21005*	*8260B*

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
Dry Weight	9L11027	RSL0550-01	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Dry Weight	9L11027	RSL0550-02	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Dry Weight	9L11027	RSL0550-03	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Dry Weight	9L11027	RSL0550-04	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Dry Weight	9L11027	RSL0550-05	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Dry Weight	9L11027	RSL0550-06	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Dry Weight	9L11027	RSL0550-07	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Dry Weight	9L11027	RSL0550-08	10.00	g	10.00	g	12/11/09 09:41	JRR	Dry Weight
Semivolatile Organics by GC/MS									
8270C	9L10099	RSL0550-04	30.28	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
8270C	9L10099	RSL0550-02	30.29	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
8270C	9L10099	RSL0550-08	30.39	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
8270C	9L10099	RSL0550-05	30.44	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
8270C	9L10099	RSL0550-03	30.53	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
8270C	9L10099	RSL0550-06	30.53	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
8270C	9L10099	RSL0550-01	30.59	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
8270C	9L10099	RSL0550-07	30.91	g	1.00	mL	12/11/09 09:00	CXM	3550B MB
Volatile Organic Compounds by EPA 8260B									
8260B	9L11117	RSL0550-04	5.12	g	5.00	mL	12/11/09 18:29	CDC	5030B MS
8260B	9L11117	RSL0550-03	5.16	g	5.00	mL	12/11/09 18:29	CDC	5030B MS
8260B	9L12009	RSL0550-02	5.00	g	5.00	mL	12/12/09 13:36	DHC	5030B MS
8260B	9L12009	RSL0550-07	5.00	g	5.00	mL	12/12/09 13:36	DHC	5030B MS
8260B	9L12009	RSL0550-01	5.03	g	5.00	mL	12/12/09 13:36	DHC	5030B MS
8260B	9L12009	RSL0550-08	5.08	g	5.00	mL	12/12/09 13:36	DHC	5030B MS
8260B	9L12009	RSL0550-06	5.14	g	5.00	mL	12/12/09 13:36	DHC	5030B MS
8260B	9L19016	RSL0550-09	5.00	mL	5.00	mL	12/19/09 10:35	DHC	5030B MS TCLP
8260B	9L19016	RSL0550-10	5.00	mL	5.00	mL	12/19/09 10:35	DHC	5030B MS TCLP
8260B	9L19016	RSL0550-11	5.00	mL	5.00	mL	12/19/09 10:35	DHC	5030B MS TCLP
8260B	9L20002	RSL0550-10RE1	5.00	mL	5.00	mL	12/20/09 12:05	RMJ	5030B MS
8260B	9L21005	RSL0550-11RE1	5.00	mL	5.00	mL	12/21/09 09:21	RMJ	5030B MS
8260B	9L21005	RSL0550-12	5.00	mL	5.00	mL	12/21/09 09:21	RMJ	5030B MS
8260B	9L17029	RSL0550-04RE1	5.02	g	500.00	mL	12/17/09 09:48	TRB	Methanol Prep
8260B	9L17029	RSL0550-05	5.13	g	500.00	mL	12/17/09 09:48	TRB	Methanol Prep
8260B	9L17029	RSL0550-05RE1	5.13	g	500.00	mL	12/17/09 09:48	TRB	Methanol Prep

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/11/09 (Lab Number:9L11117-BLK1, Batch: 9L11117)											
Unknown naphthalene 01			NA		ug/kg wet	0.0					
1,2,4-Trimethylbenzene			5.0	0.36	ug/kg wet	ND					
1,3,5-Trimethylbenzene			5.0	0.32	ug/kg wet	ND					
p-Cymene			5.0	0.40	ug/kg wet	ND					
Benzene			5.0	0.24	ug/kg wet	ND					
Ethylbenzene			5.0	0.34	ug/kg wet	ND					
Isopropylbenzene			5.0	0.75	ug/kg wet	ND					
Methyl-t-Butyl Ether (MTBE)			5.0	0.49	ug/kg wet	ND					
m-Xylene & p-Xylene			10	0.84	ug/kg wet	ND					
n-Butylbenzene			5.0	0.44	ug/kg wet	ND					
n-Propylbenzene			5.0	0.40	ug/kg wet	ND					
o-Xylene			5.0	0.65	ug/kg wet	ND					
sec-Butylbenzene			5.0	0.44	ug/kg wet	ND					
tert-Butylbenzene			5.0	0.52	ug/kg wet	ND					
Toluene			5.0	0.38	ug/kg wet	ND					
Xylenes, total			10	0.84	ug/kg wet	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*79*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*124*	*72-126*			
Surrogate: Toluene-d8					*ug/kg wet*		*97*	*71-125*			
LCS Analyzed: 12/11/09 (Lab Number:9L11117-BS1, Batch: 9L11117)											
Unknown naphthalene 01			NA		ug/kg wet	0.00					
1,1,1,2-Tetrachloroethane			5.0	0.50	ug/kg wet	ND		74-127			
1,1,1-Trichloroethane			5.0	0.36	ug/kg wet	ND		77-121			
1,1,2,2-Tetrachloroethane			5.0	0.81	ug/kg wet	ND		80-120			
1,1,2-Trichloroethane			5.0	0.25	ug/kg wet	ND		78-122			
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	2.5	ug/kg wet	ND		60-140			
1,1-Dichloroethane			5.0	0.25	ug/kg wet	ND		79-126			
1,1-Dichloroethene		50.0	5.0	0.61	ug/kg wet	62.3	125	65-153			
1,1-Dichloropropene			5.0	0.29	ug/kg wet	ND		72-128			
1,1-Dimethoxyethane			25	2.0	ug/kg wet	ND					
1,2,3-Trichlorobenzene			5.0	0.53	ug/kg wet	ND		60-120			
1,2,3-Trichloropropane			5.0	0.51	ug/kg wet	ND		73-128			
1,2,3-Trimethylbenzene			5.0	1.0	ug/kg wet	ND					
1,2,4-Trichlorobenzene			5.0	0.30	ug/kg wet	ND		64-120			
1,2,4-Trimethylbenzene			5.0	0.36	ug/kg wet	ND		74-120			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/11/09 (Lab Number:9L11117-BS1, Batch: 9L11117)											
1,2-Dibromo-3-chloropropane			5.0	4.0	ug/kg wet	ND		63-124			
1,2-Dibromoethane			5.0	0.19	ug/kg wet	ND		78-120			
1,2-Dichlorobenzene			5.0	0.39	ug/kg wet	ND		75-120			
1,2-Dichloroethane			5.0	0.25	ug/kg wet	ND		77-122			
1,2-Dichloroethene, Total			10	2.6	ug/kg wet	ND		82-120			
1,2-Dichloropropane			5.0	2.5	ug/kg wet	ND		75-124			
1,3,5-Trimethylbenzene			5.0	0.32	ug/kg wet	ND		74-120			
1,3-Dichlorobenzene			5.0	0.26	ug/kg wet	ND		74-120			
1,3-Dichloropropane			5.0	0.30	ug/kg wet	ND		72-127			
1,4-Dichlorobenzene			5.0	0.70	ug/kg wet	ND		73-120			
2-Butanone			25	1.8	ug/kg wet	ND		70-134			
2-Hexanone			25	2.5	ug/kg wet	ND		59-130			
p-Cymene			5.0	0.40	ug/kg wet	ND		74-120			
4-Methyl-2-pentanone			25	1.6	ug/kg wet	ND		65-133			
Acetone			25	1.1	ug/kg wet	ND		61-137			
Acrylonitrile			100	2.1	ug/kg wet	ND		65-134			
Benzene		50.0	5.0	0.24	ug/kg wet	44.0	88	79-127			
Bromochloromethane			5.0	0.36	ug/kg wet	ND		75-134			
Bromodichloromethane			5.0	0.26	ug/kg wet	ND		80-122			
Bromoform			5.0	2.5	ug/kg wet	ND		68-126			
Bromomethane			5.0	1.1	ug/kg wet	ND		37-149			
Carbon disulfide			5.0	0.43	ug/kg wet	ND		64-131			
Carbon Tetrachloride			5.0	0.48	ug/kg wet	ND		75-135			
Chlorobenzene		50.0	5.0	0.66	ug/kg wet	49.5	99	76-124			
Dibromochloromethane			5.0	0.28	ug/kg wet	ND		76-125			
Chloroethane			5.0	2.1	ug/kg wet	ND		69-135			
Chloroform			5.0	0.31	ug/kg wet	ND		80-118			
Chloromethane			5.0	0.30	ug/kg wet	ND		63-127			
cis-1,2-Dichloroethene			5.0	0.25	ug/kg wet	ND		81-117			
cis-1,3-Dichloropropene			5.0	0.28	ug/kg wet	ND		82-120			
Cyclohexane			5.0	0.23	ug/kg wet	ND		70-130			
Dibromomethane			5.0	0.52	ug/kg wet	ND		73-130			
Dichlorodifluoromethane			5.0	0.41	ug/kg wet	ND		57-142			
Ethylbenzene			5.0	0.34	ug/kg wet	ND		80-120			
Iodomethane			5.0	0.24	ug/kg wet	ND		59-149			
Isopropylbenzene			5.0	0.75	ug/kg wet	ND		72-120			
Methyl Acetate			5.0	0.27	ug/kg wet	ND		60-140			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/11/09 (Lab Number:9L11117-BS1, Batch: 9L11117)											
Methyl-t-Butyl Ether (MTBE)			5.0	0.49	ug/kg wet	ND		63-125			
Methylcyclohexane			5.0	0.32	ug/kg wet	ND		60-140			
Methylene Chloride			5.0	0.99	ug/kg wet	ND		61-127			
m-Xylene & p-Xylene			10	0.84	ug/kg wet	ND		70-130			
n-Butylbenzene			5.0	0.44	ug/kg wet	ND		70-120			
n-Propylbenzene			5.0	0.40	ug/kg wet	ND		70-130			
o-Xylene			5.0	0.65	ug/kg wet	ND		70-130			
sec-Butylbenzene			5.0	0.44	ug/kg wet	ND		74-120			
Styrene			5.0	0.25	ug/kg wet	ND		80-120			
tert-Butylbenzene			5.0	0.52	ug/kg wet	ND		73-120			
Tetrachloroethene			5.0	0.67	ug/kg wet	ND		74-122			
Toluene		50.0	5.0	0.38	ug/kg wet	44.1	88	74-128			
trans-1,2-Dichloroethene			5.0	0.52	ug/kg wet	ND		78-126			
trans-1,3-Dichloropropene			5.0	0.24	ug/kg wet	ND		73-123			
trans-1,4-Dichloro-2-butene			25	2.5	ug/kg wet	ND		38-155			
Trichloroethene		50.0	5.0	0.34	ug/kg wet	46.9	94	77-129			
Trichlorofluoromethane			5.0	0.47	ug/kg wet	ND		65-146			
Vinyl acetate			25	1.0	ug/kg wet	ND		53-134			
Vinyl chloride			10	0.61	ug/kg wet	ND		61-133			
Xylenes, total			10	0.84	ug/kg wet	ND		80-120			
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*81*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*126*	*72-126*			
Surrogate: Toluene-d8					*ug/kg wet*		*97*	*71-125*			
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/12/09 (Lab Number:9L12009-BLK1, Batch: 9L12009)											
Unknown naphthalene 01			NA		ug/kg wet	0.0					
1,2,4-Trimethylbenzene			5.0	0.36	ug/kg wet	ND					
1,3,5-Trimethylbenzene			5.0	0.32	ug/kg wet	ND					
p-Cymene			5.0	0.40	ug/kg wet	ND					
Benzene			5.0	0.24	ug/kg wet	ND					
Ethylbenzene			5.0	0.34	ug/kg wet	ND					
Isopropylbenzene			5.0	0.75	ug/kg wet	ND					
Methyl-t-Butyl Ether (MTBE)			5.0	0.49	ug/kg wet	ND					

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/12/09 (Lab Number:9L12009-BLK1, Batch: 9L12009)											
m-Xylene & p-Xylene			10	0.84	ug/kg wet	1.7					J
n-Butylbenzene			5.0	0.44	ug/kg wet	ND					
n-Propylbenzene			5.0	0.40	ug/kg wet	ND					
o-Xylene			5.0	0.65	ug/kg wet	ND					
sec-Butylbenzene			5.0	0.44	ug/kg wet	ND					
tert-Butylbenzene			5.0	0.52	ug/kg wet	ND					
Toluene			5.0	0.38	ug/kg wet	ND					
Xylenes, total			10	0.84	ug/kg wet	1.7					J
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*107*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*96*	*72-126*			
Surrogate: Toluene-d8					*ug/kg wet*		*106*	*71-125*			
LCS Analyzed: 12/12/09 (Lab Number:9L12009-BS1, Batch: 9L12009)											
Unknown naphthalene 01			NA		ug/kg wet	0.00					
1,1,1,2-Tetrachloroethane			5.0	0.50	ug/kg wet	ND		74-127			
1,1,1-Trichloroethane			5.0	0.36	ug/kg wet	ND		77-121			
1,1,2,2-Tetrachloroethane			5.0	0.81	ug/kg wet	ND		80-120			
1,1,2-Trichloroethane			5.0	0.25	ug/kg wet	ND		78-122			
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	2.5	ug/kg wet	ND		60-140			
1,1-Dichloroethane			5.0	0.25	ug/kg wet	ND		79-126			
1,1-Dichloroethene		50.0	5.0	0.61	ug/kg wet	67.2	134	65-153			
1,1-Dichloropropene			5.0	0.29	ug/kg wet	ND		72-128			
1,1-Dimethoxyethane			25	2.0	ug/kg wet	ND					
1,2,3-Trichlorobenzene			5.0	0.53	ug/kg wet	ND		60-120			
1,2,3-Trichloropropane			5.0	0.51	ug/kg wet	ND		73-128			
1,2,3-Trimethylbenzene			5.0	1.0	ug/kg wet	ND					
1,2,4-Trichlorobenzene			5.0	0.30	ug/kg wet	ND		64-120			
1,2,4-Trimethylbenzene			5.0	0.36	ug/kg wet	1.12		74-120			J
1,2-Dibromo-3-chloropropane			5.0	4.0	ug/kg wet	ND		63-124			
1,2-Dibromoethane			5.0	0.19	ug/kg wet	ND		78-120			
1,2-Dichlorobenzene			5.0	0.39	ug/kg wet	ND		75-120			
1,2-Dichloroethane			5.0	0.25	ug/kg wet	ND		77-122			
1,2-Dichloroethene, Total			10	2.6	ug/kg wet	ND		82-120			
1,2-Dichloropropane			5.0	2.5	ug/kg wet	ND		75-124			
1,3,5-Trimethylbenzene			5.0	0.32	ug/kg wet	ND		74-120			
1,3-Dichlorobenzene			5.0	0.26	ug/kg wet	ND		74-120			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/12/09 (Lab Number:9L12009-BS1, Batch: 9L12009)											
1,3-Dichloropropane			5.0	0.30	ug/kg wet	ND		72-127			
1,4-Dichlorobenzene			5.0	0.70	ug/kg wet	ND		73-120			
2-Butanone			25	1.8	ug/kg wet	ND		70-134			
2-Hexanone			25	2.5	ug/kg wet	ND		59-130			
p-Cymene			5.0	0.40	ug/kg wet	ND		74-120			
4-Methyl-2-pentanone			25	1.6	ug/kg wet	ND		65-133			
Acetone			25	1.1	ug/kg wet	ND		61-137			
Acrylonitrile			100	2.1	ug/kg wet	ND		65-134			
Benzene		50.0	5.0	0.24	ug/kg wet	44.6	89	79-127			
Bromochloromethane			5.0	0.36	ug/kg wet	ND		75-134			
Bromodichloromethane			5.0	0.26	ug/kg wet	ND		80-122			
Bromoform			5.0	2.5	ug/kg wet	ND		68-126			
Bromomethane			5.0	1.1	ug/kg wet	ND		37-149			
Carbon disulfide			5.0	0.43	ug/kg wet	ND		64-131			
Carbon Tetrachloride			5.0	0.48	ug/kg wet	ND		75-135			
Chlorobenzene		50.0	5.0	0.66	ug/kg wet	48.0	96	76-124			
Dibromochloromethane			5.0	0.28	ug/kg wet	ND		76-125			
Chloroethane			5.0	2.1	ug/kg wet	ND		69-135			
Chloroform			5.0	0.31	ug/kg wet	ND		80-118			
Chloromethane			5.0	0.30	ug/kg wet	ND		63-127			
cis-1,2-Dichloroethene			5.0	0.25	ug/kg wet	ND		81-117			
cis-1,3-Dichloropropene			5.0	0.28	ug/kg wet	ND		82-120			
Cyclohexane			5.0	0.23	ug/kg wet	ND		70-130			
Dibromomethane			5.0	0.52	ug/kg wet	ND		73-130			
Dichlorodifluoromethane			5.0	0.41	ug/kg wet	ND		57-142			
Ethylbenzene			5.0	0.34	ug/kg wet	ND		80-120			
Iodomethane			5.0	0.24	ug/kg wet	ND		59-149			
Isopropylbenzene			5.0	0.75	ug/kg wet	ND		72-120			
Methyl Acetate			5.0	0.27	ug/kg wet	ND		60-140			
Methyl-t-Butyl Ether (MTBE)			5.0	0.49	ug/kg wet	ND		63-125			
Methylcyclohexane			5.0	0.32	ug/kg wet	ND		60-140			
Methylene Chloride			5.0	0.99	ug/kg wet	ND		61-127			
m-Xylene & p-Xylene			10	0.84	ug/kg wet	2.16		70-130			J,B
n-Butylbenzene			5.0	0.44	ug/kg wet	ND		70-120			
n-Propylbenzene			5.0	0.40	ug/kg wet	ND		70-130			
o-Xylene			5.0	0.65	ug/kg wet	ND		70-130			
sec-Butylbenzene			5.0	0.44	ug/kg wet	ND		74-120			

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2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/12/09 (Lab Number:9L12009-BS1, Batch: 9L12009)											
Styrene			5.0	0.25	ug/kg wet	ND		80-120			
tert-Butylbenzene			5.0	0.52	ug/kg wet	ND		73-120			
Tetrachloroethene			5.0	0.67	ug/kg wet	ND		74-122			
Toluene		50.0	5.0	0.38	ug/kg wet	43.2	86	74-128			
trans-1,2-Dichloroethene			5.0	0.52	ug/kg wet	ND		78-126			
trans-1,3-Dichloropropene			5.0	0.24	ug/kg wet	ND		73-123			
trans-1,4-Dichloro-2-butene			25	2.5	ug/kg wet	ND		38-155			
Trichloroethene		50.0	5.0	0.34	ug/kg wet	46.3	93	77-129			
Trichlorofluoromethane			5.0	0.47	ug/kg wet	ND		65-146			
Vinyl acetate			25	1.0	ug/kg wet	ND		53-134			
Vinyl chloride			10	0.61	ug/kg wet	ND		61-133			
Xylenes, total			10	0.84	ug/kg wet	2.16		80-120			J,B
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*112*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*101*	*72-126*			
Surrogate: Toluene-d8					*ug/kg wet*		*110*	*71-125*			
Matrix Spike Analyzed: 12/12/09 (Lab Number:9L12009-MS1, Batch: 9L12009)											
QC Source Sample: RSL0550-08											
Unknown naphthalene 01	0.00		NA		ug/kg dry	0.00					
1,1,1,2-Tetrachloroethane	ND		6.2	0.62	ug/kg dry	ND		74-127			
1,1,1-Trichloroethane	ND		6.2	0.45	ug/kg dry	ND		77-121			
1,1,2,2-Tetrachloroethane	ND		6.2	1.0	ug/kg dry	ND		80-120			
1,1,2-Trichloroethane	ND		6.2	0.31	ug/kg dry	ND		78-122			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	3.1	ug/kg dry	ND		60-140			
1,1-Dichloroethane	ND		6.2	0.31	ug/kg dry	ND		79-126			
1,1-Dichloroethene	ND	62.2	6.2	0.76	ug/kg dry	63.4	102	65-153			
1,1-Dichloropropene	ND		6.2	0.36	ug/kg dry	ND		72-128			
1,1-Dimethoxyethane	ND		31	2.5	ug/kg dry	ND					
1,2,3-Trichlorobenzene	ND		6.2	0.66	ug/kg dry	ND		60-120			
1,2,3-Trichloropropane	ND		6.2	0.63	ug/kg dry	ND		73-128			
1,2,3-Trimethylbenzene	ND		6.2	1.3	ug/kg dry	ND					
1,2,4-Trichlorobenzene	ND		6.2	0.38	ug/kg dry	ND		64-120			
1,2,4-Trimethylbenzene	15.7		6.2	0.45	ug/kg dry	15.8		74-120			
1,2-Dibromo-3-chloropropane	ND		6.2	5.0	ug/kg dry	ND		63-124			
1,2-Dibromoethane	ND		6.2	0.24	ug/kg dry	ND		78-120			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 12/12/09 (Lab Number:9L12009-MS1, Batch: 9L12009)											
QC Source Sample: RSL0550-08											
1,2-Dichlorobenzene	ND		6.2	0.49	ug/kg dry	ND		75-120			
1,2-Dichloroethane	ND		6.2	0.31	ug/kg dry	ND		77-122			
1,2-Dichloroethene, Total	ND		12	3.3	ug/kg dry	ND		82-120			
1,2-Dichloropropane	ND		6.2	3.1	ug/kg dry	ND		75-124			
1,3,5-Trimethylbenzene	ND		6.2	0.40	ug/kg dry	ND		74-120			
1,3-Dichlorobenzene	ND		6.2	0.32	ug/kg dry	ND		74-120			
1,3-Dichloropropane	ND		6.2	0.37	ug/kg dry	ND		72-127			
1,4-Dichlorobenzene	ND		6.2	0.87	ug/kg dry	ND		73-120			
2-Butanone	8.92		31	2.3	ug/kg dry	6.28		70-134			J
2-Hexanone	ND		31	3.1	ug/kg dry	ND		59-130			
p-Cymene	2.10		6.2	0.50	ug/kg dry	2.25		74-120			J
4-Methyl-2-pentanone	ND		31	2.0	ug/kg dry	ND		65-133			
Acetone	55.2		31	1.4	ug/kg dry	37.8		61-137			
Acrylonitrile	ND		120	2.6	ug/kg dry	ND		65-134			
Benzene	ND	62.2	6.2	0.30	ug/kg dry	42.6	68	79-127			M8
Bromochloromethane	ND		6.2	0.45	ug/kg dry	ND		75-134			
Bromodichloromethane	ND		6.2	0.32	ug/kg dry	ND		80-122			
Bromoform	ND		6.2	3.1	ug/kg dry	ND		68-126			
Bromomethane	ND		6.2	1.4	ug/kg dry	ND		37-149			
Carbon disulfide	ND		6.2	0.53	ug/kg dry	ND		64-131			
Carbon Tetrachloride	ND		6.2	0.60	ug/kg dry	ND		75-135			
Chlorobenzene	ND	62.2	6.2	0.82	ug/kg dry	40.1	64	76-124			M8
Dibromochloromethane	ND		6.2	0.34	ug/kg dry	ND		76-125			
Chloroethane	ND		6.2	2.6	ug/kg dry	ND		69-135			
Chloroform	ND		6.2	0.38	ug/kg dry	ND		80-118			
Chloromethane	ND		6.2	0.38	ug/kg dry	ND		63-127			
cis-1,2-Dichloroethene	ND		6.2	0.31	ug/kg dry	ND		81-117			
cis-1,3-Dichloropropene	ND		6.2	0.35	ug/kg dry	ND		82-120			
Cyclohexane	ND		6.2	0.29	ug/kg dry	ND		70-130			
Dibromomethane	ND		6.2	0.64	ug/kg dry	ND		73-130			
Dichlorodifluoromethane	ND		6.2	0.51	ug/kg dry	ND		57-142			
Ethylbenzene	ND		6.2	0.43	ug/kg dry	ND		80-120			
Iodomethane	ND		6.2	0.30	ug/kg dry	ND		59-149			
Isopropylbenzene	1.37		6.2	0.94	ug/kg dry	1.34		72-120			J
Methyl Acetate	ND		6.2	0.34	ug/kg dry	ND		60-140			
Methyl-t-Butyl Ether (MTBE)	ND		6.2	0.61	ug/kg dry	ND		63-125			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 12/12/09 (Lab Number:9L12009-MS1, Batch: 9L12009)											
QC Source Sample: RSL0550-08											
Methylcyclohexane	1.48		6.2	0.40	ug/kg dry	1.78		60-140			J
Methylene Chloride	7.58		6.2	1.2	ug/kg dry	6.90		61-127			
m-Xylene & p-Xylene	1.97		12	1.0	ug/kg dry	1.85		70-130			J,B
n-Butylbenzene	2.66		6.2	0.54	ug/kg dry	3.01		70-120			J
n-Propylbenzene	2.40		6.2	0.50	ug/kg dry	2.31		70-130			J
o-Xylene	ND		6.2	0.81	ug/kg dry	ND		70-130			
sec-Butylbenzene	ND		6.2	0.54	ug/kg dry	ND		74-120			
Styrene	ND		6.2	0.31	ug/kg dry	ND		80-120			
tert-Butylbenzene	ND		6.2	0.65	ug/kg dry	ND		73-120			
Tetrachloroethene	ND		6.2	0.83	ug/kg dry	ND		74-122			
Toluene	1.24	62.2	6.2	0.47	ug/kg dry	38.4	60	74-128			M8
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/kg dry	ND		78-126			
trans-1,3-Dichloropropene	ND		6.2	0.30	ug/kg dry	ND		73-123			
trans-1,4-Dichloro-2-butene	ND		31	3.1	ug/kg dry	ND		38-155			
Trichloroethene	ND	62.2	6.2	0.43	ug/kg dry	42.5	68	77-129			M8
Trichlorofluoromethane	ND		6.2	0.59	ug/kg dry	ND		65-146			
Vinyl acetate	ND		31	1.3	ug/kg dry	ND		53-134			
Vinyl chloride	ND		12	0.76	ug/kg dry	ND		61-133			
Xylenes, total	1.97		12	1.0	ug/kg dry	1.85		80-120			J,B
Surrogate: 1,2-Dichloroethane-d4					*ug/kg dry*		*103*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg dry*		*97*	*72-126*			
Surrogate: Toluene-d8					*ug/kg dry*		*104*	*71-125*			
Matrix Spike Dup Analyzed: 12/12/09 (Lab Number:9L12009-MSD1, Batch: 9L12009)											
QC Source Sample: RSL0550-08											
Unknown naphthalene 01	0.00		NA		ug/kg dry	0.00					
1,1,1,2-Tetrachloroethane	ND		6.2	0.62	ug/kg dry	ND		74-127		20	
1,1,1-Trichloroethane	ND		6.2	0.45	ug/kg dry	ND		77-121		20	
1,1,2,2-Tetrachloroethane	ND		6.2	1.0	ug/kg dry	ND		80-120		20	
1,1,2-Trichloroethane	ND		6.2	0.31	ug/kg dry	ND		78-122		20	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	3.1	ug/kg dry	ND		60-140		20	
1,1-Dichloroethane	ND		6.2	0.31	ug/kg dry	ND		79-126		20	
1,1-Dichloroethene	ND	61.8	6.2	0.76	ug/kg dry	68.5	111	65-153	8	22	
1,1-Dichloropropene	ND		6.2	0.35	ug/kg dry	ND		72-128		20	
1,1-Dimethoxyethane	ND		31	2.5	ug/kg dry	ND					

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 12/12/09 (Lab Number:9L12009-MSD1, Batch: 9L12009)											
QC Source Sample: RSL0550-08											
1,2,3-Trichlorobenzene	ND		6.2	0.66	ug/kg dry	ND		60-120		20	
1,2,3-Trichloropropane	ND		6.2	0.63	ug/kg dry	ND		73-128		20	
1,2,3-Trimethylbenzene	ND		6.2	1.3	ug/kg dry	ND					
1,2,4-Trichlorobenzene	ND		6.2	0.38	ug/kg dry	ND		64-120		20	
1,2,4-Trimethylbenzene	15.7		6.2	0.45	ug/kg dry	19.0		74-120	19	20	
1,2-Dibromo-3-chloropropane	ND		6.2	4.9	ug/kg dry	ND		63-124		20	
1,2-Dibromoethane	ND		6.2	0.23	ug/kg dry	ND		78-120		20	
1,2-Dichlorobenzene	ND		6.2	0.48	ug/kg dry	ND		75-120		20	
1,2-Dichloroethane	ND		6.2	0.31	ug/kg dry	ND		77-122		20	
1,2-Dichloroethene, Total	ND		12	3.2	ug/kg dry	ND		82-120		20	
1,2-Dichloropropane	ND		6.2	3.1	ug/kg dry	ND		75-124		20	
1,3,5-Trimethylbenzene	ND		6.2	0.40	ug/kg dry	ND		74-120		20	
1,3-Dichlorobenzene	ND		6.2	0.32	ug/kg dry	ND		74-120		20	
1,3-Dichloropropane	ND		6.2	0.37	ug/kg dry	ND		72-127		20	
1,4-Dichlorobenzene	ND		6.2	0.87	ug/kg dry	ND		73-120		20	
2-Butanone	8.92		31	2.3	ug/kg dry	ND		70-134		20	
2-Hexanone	ND		31	3.1	ug/kg dry	ND		59-130		20	
p-Cymene	2.10		6.2	0.50	ug/kg dry	3.02		74-120	29	20	J
4-Methyl-2-pentanone	ND		31	2.0	ug/kg dry	ND		65-133		20	
Acetone	55.2		31	1.4	ug/kg dry	22.6		61-137	50	15	J
Acrylonitrile	ND		120	2.5	ug/kg dry	ND		65-134		20	
Benzene	ND	61.8	6.2	0.30	ug/kg dry	45.3	73	79-127	6	20	M8
Bromochloromethane	ND		6.2	0.45	ug/kg dry	ND		75-134		20	
Bromodichloromethane	ND		6.2	0.32	ug/kg dry	ND		80-122		20	
Bromoform	ND		6.2	3.1	ug/kg dry	ND		68-126		20	
Bromomethane	ND		6.2	1.4	ug/kg dry	ND		37-149		20	
Carbon disulfide	ND		6.2	0.53	ug/kg dry	ND		64-131		20	
Carbon Tetrachloride	ND		6.2	0.60	ug/kg dry	ND		75-135		20	
Chlorobenzene	ND	61.8	6.2	0.82	ug/kg dry	42.9	69	76-124	7	25	M8
Dibromochloromethane	ND		6.2	0.34	ug/kg dry	ND		76-125		20	
Chloroethane	ND		6.2	2.6	ug/kg dry	ND		69-135		20	
Chloroform	ND		6.2	0.38	ug/kg dry	ND		80-118		20	
Chloromethane	ND		6.2	0.37	ug/kg dry	ND		63-127		20	
cis-1,2-Dichloroethene	ND		6.2	0.30	ug/kg dry	ND		81-117		20	
cis-1,3-Dichloropropene	ND		6.2	0.35	ug/kg dry	ND		82-120		20	
Cyclohexane	ND		6.2	0.28	ug/kg dry	ND		70-130		20	

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 12/12/09 (Lab Number:9L12009-MSD1, Batch: 9L12009)											
QC Source Sample: RSL0550-08											
Dibromomethane	ND		6.2	0.64	ug/kg dry	ND		73-130		20	
Dichlorodifluoromethane	ND		6.2	0.51	ug/kg dry	ND		57-142		20	
Ethylbenzene	ND		6.2	0.43	ug/kg dry	ND		80-120		20	
Iodomethane	ND		6.2	0.30	ug/kg dry	ND		59-149		20	
Isopropylbenzene	1.37		6.2	0.93	ug/kg dry	2.08		72-120	43	20	J
Methyl Acetate	ND		6.2	0.33	ug/kg dry	ND		60-140		20	
Methyl-t-Butyl Ether (MTBE)	ND		6.2	0.61	ug/kg dry	ND		63-125		20	
Methylcyclohexane	1.48		6.2	0.40	ug/kg dry	3.98		60-140	76	20	J
Methylene Chloride	7.58		6.2	1.2	ug/kg dry	4.78		61-127	36	15	J
m-Xylene & p-Xylene	1.97		12	1.0	ug/kg dry	1.97		70-130	6	20	J,B
n-Butylbenzene	2.66		6.2	0.54	ug/kg dry	4.72		70-120	44	20	J
n-Propylbenzene	2.40		6.2	0.49	ug/kg dry	3.84		70-130	50	20	J
o-Xylene	ND		6.2	0.81	ug/kg dry	ND		70-130		20	
sec-Butylbenzene	ND		6.2	0.54	ug/kg dry	2.04		74-120		20	J
Styrene	ND		6.2	0.31	ug/kg dry	ND		80-120		20	
tert-Butylbenzene	ND		6.2	0.64	ug/kg dry	ND		73-120		20	
Tetrachloroethene	ND		6.2	0.83	ug/kg dry	ND		74-122		20	
Toluene	1.24	61.8	6.2	0.47	ug/kg dry	40.7	64	74-128	6	20	M8
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/kg dry	ND		78-126		20	
trans-1,3-Dichloropropene	ND		6.2	0.30	ug/kg dry	ND		73-123		20	
trans-1,4-Dichloro-2-butene	ND		31	3.1	ug/kg dry	ND		38-155		20	
Trichloroethene	ND	61.8	6.2	0.43	ug/kg dry	45.6	74	77-129	7	24	M8
Trichlorofluoromethane	ND		6.2	0.58	ug/kg dry	ND		65-146		20	
Vinyl acetate	ND		31	1.3	ug/kg dry	ND		53-134		20	
Vinyl chloride	ND		12	0.75	ug/kg dry	ND		61-133		20	
Xylenes, total	1.97		12	1.0	ug/kg dry	1.97		80-120	6	20	J,B
Surrogate: 1,2-Dichloroethane-d4					*ug/kg dry*		*103*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg dry*		*96*	*72-126*			
Surrogate: Toluene-d8					*ug/kg dry*		*103*	*71-125*			
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/17/09 (Lab Number:9L17029-BLK1, Batch: 9L17029)											
1,2,4-Trimethylbenzene			100	7.2	ug/kg wet	ND					
1,3,5-Trimethylbenzene			100	6.4	ug/kg wet	ND					

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/17/09 (Lab Number:9L17029-BLK1, Batch: 9L17029)											
p-Cymene			100	8.0	ug/kg wet	ND					
Benzene			100	4.8	ug/kg wet	ND					
Ethylbenzene			100	6.8	ug/kg wet	ND					
Isopropylbenzene			100	15	ug/kg wet	ND					
Methyl-t-Butyl Ether (MTBE)			100	9.8	ug/kg wet	ND					
m-Xylene & p-Xylene			200	17	ug/kg wet	ND					
n-Butylbenzene			100	8.8	ug/kg wet	ND					
n-Propylbenzene			100	8.0	ug/kg wet	ND					
o-Xylene			100	13	ug/kg wet	ND					
sec-Butylbenzene			100	8.8	ug/kg wet	ND					
tert-Butylbenzene			100	10	ug/kg wet	ND					
Toluene			100	7.6	ug/kg wet	ND					
Xylenes, total			200	17	ug/kg wet	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*90*	*10-190*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*95*	*10-190*			
Surrogate: Toluene-d8					*ug/kg wet*		*92*	*10-190*			
LCS Analyzed: 12/17/09 (Lab Number:9L17029-BS1, Batch: 9L17029)											
1,1-Dichloroethene		2410	97	12	ug/kg wet	2470	102	10-190			
Benzene		2410	97	4.6	ug/kg wet	2230	92	10-190			
Chlorobenzene		2410	97	13	ug/kg wet	2250	93	10-190			
Toluene		2410	97	7.3	ug/kg wet	2200	91	10-190			
Trichloroethene		2410	97	6.6	ug/kg wet	2240	93	10-190			
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*86*	*10-190*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*91*	*10-190*			
Surrogate: Toluene-d8					*ug/kg wet*		*89*	*10-190*			
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/19/09 (Lab Number:9L19016-BLK1, Batch: 9L19016)											
1,1,1-Trichloroethane			1.0	0.26	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

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Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/19/09 (Lab Number:9L19016-BLK1, Batch: 9L19016)											
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2,4-Trimethylbenzene			1.0	0.33	ug/L	ND					
1,2-Dibromo-3-chloroprop ane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane			1.0	0.17	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.20	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloropropane			1.0	0.33	ug/L	ND					
1,3,5-Trimethylbenzene			1.0	0.22	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.36	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.39	ug/L	ND					
2-Butanone			5.0	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
p-Cymene			1.0	0.31	ug/L	ND					
4-Methyl-2-pentanone			5.0	0.91	ug/L	ND					
Acetone			5.0	1.3	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.28	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.32	ug/L	ND					
Dibromochloromethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.38	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.53	ug/L	ND					
Dichlorofluoromethane			1.0	0.34	ug/L	ND					
Ethylbenzene			1.0	0.18	ug/L	ND					
Isopropylbenzene			1.0	0.19	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl-t-Butyl Ether (MTBE)			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.50	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					

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Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/19/09 (Lab Number:9L19016-BLK1, Batch: 9L19016)											
m-Xylene & p-Xylene			2.0	0.66	ug/L	ND					
n-Butylbenzene			1.0	0.28	ug/L	ND					
n-Propylbenzene			1.0	0.18	ug/L	ND					
o-Xylene			1.0	0.36	ug/L	ND					
sec-Butylbenzene			1.0	0.30	ug/L	ND					
Styrene			1.0	0.18	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.42	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.15	ug/L	ND					
Vinyl chloride			1.0	0.24	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*109*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*102*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*100*	*71-126*			
LCS Analyzed: 12/19/09 (Lab Number:9L19016-BS1, Batch: 9L19016)											
1,1,1-Trichloroethane		25.0	1.0	0.26	ug/L	27.5	110	73-126			
1,1,2,2-Tetrachloroethane		25.0	1.0	0.21	ug/L	22.9	92	70-126			
1,1,2-Trichloroethane		25.0	1.0	0.23	ug/L	23.7	95	76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane		25.0	1.0	0.31	ug/L	27.8	111	60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	25.9	104	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	26.0	104	65-138			
1,2,4-Trichlorobenzene		25.0	1.0	0.41	ug/L	23.8	95	70-122			
1,2,4-Trimethylbenzene		25.0	1.0	0.33	ug/L	21.8	87	76-121			
1,2-Dibromo-3-chloropropane		25.0	1.0	0.39	ug/L	20.2	81	56-134			
1,2-Dibromoethane		25.0	1.0	0.17	ug/L	24.4	98	77-120			
1,2-Dichlorobenzene		25.0	1.0	0.20	ug/L	23.9	95	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	25.9	104	75-127			
1,2-Dichloropropane		25.0	1.0	0.33	ug/L	25.6	102	76-120			
1,3,5-Trimethylbenzene		25.0	1.0	0.22	ug/L	23.2	93	77-121			
1,3-Dichlorobenzene		25.0	1.0	0.36	ug/L	23.9	95	77-120			
1,4-Dichlorobenzene		25.0	1.0	0.39	ug/L	23.5	94	75-120			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/19/09 (Lab Number:9L19016-BS1, Batch: 9L19016)											
2-Butanone		125	5.0	1.3	ug/L	124	99	57-140			
2-Hexanone		125	5.0	1.2	ug/L	117	94	65-127			
p-Cymene		25.0	1.0	0.31	ug/L	23.7	95	73-120			
4-Methyl-2-pentanone		125	5.0	0.91	ug/L	115	92	71-125			
Acetone		125	5.0	1.3	ug/L	126	101	56-142			
Benzene		25.0	1.0	0.41	ug/L	25.1	100	71-124			
Bromodichloromethane		25.0	1.0	0.39	ug/L	24.4	98	80-122			
Bromoform		25.0	1.0	0.26	ug/L	20.7	83	66-128			
Bromomethane		25.0	1.0	0.28	ug/L	25.7	103	36-150			
Carbon disulfide		25.0	1.0	0.19	ug/L	23.7	95	59-134			
Carbon Tetrachloride		25.0	1.0	0.27	ug/L	28.8	115	72-134			
Chlorobenzene		25.0	1.0	0.32	ug/L	24.0	96	72-120			
Dibromochloromethane		25.0	1.0	0.32	ug/L	22.4	90	75-125			
Chloroethane		25.0	1.0	0.32	ug/L	30.7	123	69-136			
Chloroform		25.0	1.0	0.34	ug/L	26.4	105	73-127			
Chloromethane		25.0	1.0	0.35	ug/L	26.6	106	49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.38	ug/L	25.7	103	74-124			
cis-1,3-Dichloropropene		25.0	1.0	0.36	ug/L	24.6	98	74-124			
Cyclohexane		25.0	1.0	0.53	ug/L	26.9	107	70-130			
Dichlorofluoromethane			1.0	0.34	ug/L	ND					
Ethylbenzene		25.0	1.0	0.18	ug/L	24.3	97	77-123			
Isopropylbenzene		25.0	1.0	0.19	ug/L	23.7	95	77-122			
Methyl Acetate		25.0	1.0	0.50	ug/L	25.1	101	60-140			
Methyl-t-Butyl Ether (MTBE)		25.0	1.0	0.16	ug/L	25.2	101	64-127			
Methylcyclohexane		25.0	1.0	0.50	ug/L	26.6	106	60-140			
Methylene Chloride		25.0	1.0	0.44	ug/L	24.8	99	57-132			
m-Xylene & p-Xylene		50.0	2.0	0.66	ug/L	47.9	96	76-122			
n-Butylbenzene		25.0	1.0	0.28	ug/L	23.0	92	71-128			
n-Propylbenzene		25.0	1.0	0.18	ug/L	23.9	95	77-120			
o-Xylene		25.0	1.0	0.36	ug/L	24.3	97	76-122			
sec-Butylbenzene		25.0	1.0	0.30	ug/L	23.8	95	74-127			
Styrene		25.0	1.0	0.18	ug/L	25.0	100	70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	24.6	98	74-122			
Toluene		25.0	1.0	0.51	ug/L	23.7	95	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.42	ug/L	26.2	105	73-127			
trans-1,3-Dichloropropene		25.0	1.0	0.37	ug/L	22.6	90	72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	25.8	103	74-123			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/19/09 (Lab Number:9L19016-BS1, Batch: 9L19016)											
Trichlorofluoromethane		25.0	1.0	0.15	ug/L	28.5	114	62-152			
Vinyl chloride		25.0	1.0	0.24	ug/L	27.1	108	65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	72.2	96	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*106*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*99*	*71-126*			
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/20/09 (Lab Number:9L20002-BLK1, Batch: 9L20002)											
1,1,1-Trichloroethane			1.0	0.26	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2,4-Trimethylbenzene			1.0	0.33	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane			1.0	0.17	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.20	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloropropane			1.0	0.33	ug/L	ND					
1,3,5-Trimethylbenzene			1.0	0.22	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.36	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.39	ug/L	ND					
2-Butanone			5.0	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
p-Cymene			1.0	0.31	ug/L	ND					
4-Methyl-2-pentanone			5.0	0.91	ug/L	ND					
Acetone			5.0	1.3	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.28	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					

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Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/20/09 (Lab Number:9L20002-BLK1, Batch: 9L20002)											
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.32	ug/L	ND					
Dibromochloromethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.38	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.53	ug/L	ND					
Dichlorofluoromethane			1.0	0.34	ug/L	ND					
Ethylbenzene			1.0	0.18	ug/L	ND					
Isopropylbenzene			1.0	0.19	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl-t-Butyl Ether (MTBE)			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.50	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
m-Xylene & p-Xylene			2.0	0.66	ug/L	ND					
n-Butylbenzene			1.0	0.28	ug/L	ND					
n-Propylbenzene			1.0	0.18	ug/L	ND					
o-Xylene			1.0	0.36	ug/L	ND					
sec-Butylbenzene			1.0	0.30	ug/L	ND					
Styrene			1.0	0.18	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.42	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.15	ug/L	ND					
Vinyl chloride			1.0	0.24	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*103*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*106*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*102*	*71-126*			
LCS Analyzed: 12/20/09 (Lab Number:9L20002-BS1, Batch: 9L20002)											
1,1,1-Trichloroethane		25.0	1.0	0.26	ug/L	26.0	104	73-126			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/20/09 (Lab Number:9L20002-BS1, Batch: 9L20002)											
1,1,2,2-Tetrachloroethane		25.0	1.0	0.21	ug/L	23.4	94	70-126			
1,1,2-Trichloroethane		25.0	1.0	0.23	ug/L	24.0	96	76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane		25.0	1.0	0.31	ug/L	25.7	103	60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	24.6	98	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	25.2	101	65-138			
1,2,4-Trichlorobenzene		25.0	1.0	0.41	ug/L	23.4	94	70-122			
1,2,4-Trimethylbenzene		25.0	1.0	0.33	ug/L	20.9	84	76-121			
1,2-Dibromo-3-chloropropane		25.0	1.0	0.39	ug/L	21.4	86	56-134			
1,2-Dibromoethane		25.0	1.0	0.17	ug/L	24.8	99	77-120			
1,2-Dichlorobenzene		25.0	1.0	0.20	ug/L	22.8	91	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	23.8	95	75-127			
1,2-Dichloropropane		25.0	1.0	0.33	ug/L	24.9	100	76-120			
1,3,5-Trimethylbenzene		25.0	1.0	0.22	ug/L	22.4	90	77-121			
1,3-Dichlorobenzene		25.0	1.0	0.36	ug/L	22.7	91	77-120			
1,4-Dichlorobenzene		25.0	1.0	0.39	ug/L	22.4	90	75-120			
2-Butanone		125	5.0	1.3	ug/L	123	99	57-140			
2-Hexanone		125	5.0	1.2	ug/L	122	98	65-127			
p-Cymene		25.0	1.0	0.31	ug/L	22.9	91	73-120			
4-Methyl-2-pentanone		125	5.0	0.91	ug/L	121	97	71-125			
Acetone		125	5.0	1.3	ug/L	120	96	56-142			
Benzene		25.0	1.0	0.41	ug/L	24.3	97	71-124			
Bromodichloromethane		25.0	1.0	0.39	ug/L	23.4	94	80-122			
Bromoform		25.0	1.0	0.26	ug/L	23.1	92	66-128			
Bromomethane		25.0	1.0	0.28	ug/L	25.2	101	36-150			
Carbon disulfide		25.0	1.0	0.19	ug/L	23.8	95	59-134			
Carbon Tetrachloride		25.0	1.0	0.27	ug/L	26.9	108	72-134			
Chlorobenzene		25.0	1.0	0.32	ug/L	23.8	95	72-120			
Dibromochloromethane		25.0	1.0	0.32	ug/L	23.5	94	75-125			
Chloroethane		25.0	1.0	0.32	ug/L	26.7	107	69-136			
Chloroform		25.0	1.0	0.34	ug/L	24.9	100	73-127			
Chloromethane		25.0	1.0	0.35	ug/L	23.5	94	49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.38	ug/L	24.9	100	74-124			
cis-1,3-Dichloropropene		25.0	1.0	0.36	ug/L	24.2	97	74-124			
Cyclohexane		25.0	1.0	0.53	ug/L	25.3	101	70-130			
Dichlorofluoromethane			1.0	0.34	ug/L	ND					
Ethylbenzene		25.0	1.0	0.18	ug/L	24.1	96	77-123			
Isopropylbenzene		25.0	1.0	0.19	ug/L	23.1	92	77-122			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/20/09 (Lab Number:9L20002-BS1, Batch: 9L20002)											
Methyl Acetate		25.0	1.0	0.50	ug/L	24.5	98	60-140			
Methyl-t-Butyl Ether (MTBE)		25.0	1.0	0.16	ug/L	25.9	104	64-127			
Methylcyclohexane		25.0	1.0	0.50	ug/L	26.0	104	60-140			
Methylene Chloride		25.0	1.0	0.44	ug/L	24.1	97	57-132			
m-Xylene & p-Xylene		50.0	2.0	0.66	ug/L	47.9	96	76-122			
n-Butylbenzene		25.0	1.0	0.28	ug/L	22.0	88	71-128			
n-Propylbenzene		25.0	1.0	0.18	ug/L	23.0	92	77-120			
o-Xylene		25.0	1.0	0.36	ug/L	23.9	96	76-122			
sec-Butylbenzene		25.0	1.0	0.30	ug/L	23.0	92	74-127			
Styrene		25.0	1.0	0.18	ug/L	24.8	99	70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	24.4	98	74-122			
Toluene		25.0	1.0	0.51	ug/L	23.7	95	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.42	ug/L	25.4	101	73-127			
trans-1,3-Dichloropropene		25.0	1.0	0.37	ug/L	23.4	94	72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	24.8	99	74-123			
Trichlorofluoromethane		25.0	1.0	0.15	ug/L	27.1	108	62-152			
Vinyl chloride		25.0	1.0	0.24	ug/L	24.6	98	65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	71.8	96	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*99*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*105*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*100*	*71-126*			
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/21/09 (Lab Number:9L21005-BLK1, Batch: 9L21005)											
1,1,1-Trichloroethane			1.0	0.26	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2,4-Trimethylbenzene			1.0	0.33	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane			1.0	0.17	ug/L	ND					

Benchmark Environmental & Engineering Science
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Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/21/09 (Lab Number:9L21005-BLK1, Batch: 9L21005)											
1,2-Dichlorobenzene			1.0	0.20	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloropropane			1.0	0.33	ug/L	ND					
1,3,5-Trimethylbenzene			1.0	0.22	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.36	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.39	ug/L	ND					
2-Butanone			5.0	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
p-Cymene			1.0	0.31	ug/L	ND					
4-Methyl-2-pentanone			5.0	0.91	ug/L	ND					
Acetone			5.0	1.3	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.28	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.32	ug/L	ND					
Dibromochloromethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.38	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.53	ug/L	ND					
Dichlorofluoromethane			1.0	0.34	ug/L	ND					
Ethylbenzene			1.0	0.18	ug/L	ND					
Isopropylbenzene			1.0	0.19	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl-t-Butyl Ether (MTBE)			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.50	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
m-Xylene & p-Xylene			2.0	0.66	ug/L	ND					
n-Butylbenzene			1.0	0.28	ug/L	ND					
n-Propylbenzene			1.0	0.18	ug/L	ND					
o-Xylene			1.0	0.36	ug/L	ND					
sec-Butylbenzene			1.0	0.30	ug/L	ND					

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

Project: Benchmark- Langner Rd. Delta Sonic
Project Number: TURN-0038

Received: 12/10/09
Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/21/09 (Lab Number:9L21005-BLK1, Batch: 9L21005)											
Styrene			1.0	0.18	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.42	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.15	ug/L	ND					
Vinyl chloride			1.0	0.24	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*102*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*102*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*100*	*71-126*			
LCS Analyzed: 12/21/09 (Lab Number:9L21005-BS1, Batch: 9L21005)											
1,1,1-Trichloroethane		25.0	1.0	0.26	ug/L	27.3	109	73-126			
1,1,2,2-Tetrachloroethane		25.0	1.0	0.21	ug/L	24.3	97	70-126			
1,1,2-Trichloroethane		25.0	1.0	0.23	ug/L	24.8	99	76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane		25.0	1.0	0.31	ug/L	27.8	111	60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	25.9	104	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	26.8	107	65-138			
1,2,4-Trichlorobenzene		25.0	1.0	0.41	ug/L	23.8	95	70-122			
1,2,4-Trimethylbenzene		25.0	1.0	0.33	ug/L	21.9	88	76-121			
1,2-Dibromo-3-chloropropane		25.0	1.0	0.39	ug/L	22.0	88	56-134			
1,2-Dibromoethane		25.0	1.0	0.17	ug/L	25.2	101	77-120			
1,2-Dichlorobenzene		25.0	1.0	0.20	ug/L	23.7	95	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	25.0	100	75-127			
1,2-Dichloropropane		25.0	1.0	0.33	ug/L	25.6	102	76-120			
1,3,5-Trimethylbenzene		25.0	1.0	0.22	ug/L	23.4	94	77-121			
1,3-Dichlorobenzene		25.0	1.0	0.36	ug/L	23.7	95	77-120			
1,4-Dichlorobenzene		25.0	1.0	0.39	ug/L	23.2	93	75-120			
2-Butanone		125	5.0	1.3	ug/L	129	103	57-140			
2-Hexanone		125	5.0	1.2	ug/L	126	101	65-127			
p-Cymene		25.0	1.0	0.31	ug/L	24.3	97	73-120			
4-Methyl-2-pentanone		125	5.0	0.91	ug/L	126	101	71-125			
Acetone		125	5.0	1.3	ug/L	129	103	56-142			

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Lackawanna, NY 14218

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/21/09 (Lab Number:9L21005-BS1, Batch: 9L21005)											
Benzene		25.0	1.0	0.41	ug/L	25.3	101	71-124			
Bromodichloromethane		25.0	1.0	0.39	ug/L	24.2	97	80-122			
Bromoform		25.0	1.0	0.26	ug/L	22.7	91	66-128			
Bromomethane		25.0	1.0	0.28	ug/L	26.3	105	36-150			
Carbon disulfide		25.0	1.0	0.19	ug/L	24.1	96	59-134			
Carbon Tetrachloride		25.0	1.0	0.27	ug/L	28.7	115	72-134			
Chlorobenzene		25.0	1.0	0.32	ug/L	24.1	96	72-120			
Dibromochloromethane		25.0	1.0	0.32	ug/L	23.5	94	75-125			
Chloroethane		25.0	1.0	0.32	ug/L	29.4	118	69-136			
Chloroform		25.0	1.0	0.34	ug/L	26.0	104	73-127			
Chloromethane		25.0	1.0	0.35	ug/L	25.4	101	49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.38	ug/L	25.5	102	74-124			
cis-1,3-Dichloropropene		25.0	1.0	0.36	ug/L	24.9	100	74-124			
Cyclohexane		25.0	1.0	0.53	ug/L	27.3	109	70-130			
Dichlorofluoromethane			1.0	0.34	ug/L	ND					
Ethylbenzene		25.0	1.0	0.18	ug/L	24.6	98	77-123			
Isopropylbenzene		25.0	1.0	0.19	ug/L	24.6	98	77-122			
Methyl Acetate		25.0	1.0	0.50	ug/L	25.9	104	60-140			
Methyl-t-Butyl Ether (MTBE)		25.0	1.0	0.16	ug/L	26.8	107	64-127			
Methylcyclohexane		25.0	1.0	0.50	ug/L	27.5	110	60-140			
Methylene Chloride		25.0	1.0	0.44	ug/L	24.6	98	57-132			
m-Xylene & p-Xylene		50.0	2.0	0.66	ug/L	48.9	98	76-122			
n-Butylbenzene		25.0	1.0	0.28	ug/L	23.3	93	71-128			
n-Propylbenzene		25.0	1.0	0.18	ug/L	24.4	98	77-120			
o-Xylene		25.0	1.0	0.36	ug/L	24.5	98	76-122			
sec-Butylbenzene		25.0	1.0	0.30	ug/L	24.5	98	74-127			
Styrene		25.0	1.0	0.18	ug/L	25.3	101	70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	25.0	100	74-122			
Toluene		25.0	1.0	0.51	ug/L	24.5	98	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.42	ug/L	26.4	105	73-127			
trans-1,3-Dichloropropene		25.0	1.0	0.37	ug/L	23.6	95	72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	25.9	104	74-123			
Trichlorofluoromethane		25.0	1.0	0.15	ug/L	29.8	119	62-152			
Vinyl chloride		25.0	1.0	0.24	ug/L	26.8	107	65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	73.4	98	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*102*	*66-137*			

Benchmark Environmental & Engineering Science
2558 Hamburg Turnpike, Suite 300
Lackawanna, NY 14218

Work Order: RSL0550

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Reported: 12/22/09 15:00

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/21/09 (Lab Number:9L21005-BS1, Batch: 9L21005)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*106*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*100*	*71-126*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
Blank Analyzed: 12/12/09 (Lab Number:9L10099-BLK1, Batch: 9L10099)											
Acenaphthene			170	1.9	ug/kg wet	ND					
Acenaphthylene			170	1.4	ug/kg wet	ND					
Anthracene			170	4.2	ug/kg wet	ND					
Benzo(a)anthracene			170	2.9	ug/kg wet	ND					
Benzo(a)pyrene			170	4.0	ug/kg wet	ND					
Benzo(b)fluoranthene			170	3.2	ug/kg wet	ND					
Benzo(ghi)perylene			170	2.0	ug/kg wet	ND					
Benzo(k)fluoranthene			170	1.8	ug/kg wet	ND					
Chrysene			170	1.7	ug/kg wet	ND					
Dibenzo(a,h)anthracene			170	1.9	ug/kg wet	ND					
Fluoranthene			170	2.4	ug/kg wet	ND					
Fluorene			170	3.8	ug/kg wet	ND					
Indeno(1,2,3-cd)pyrene			170	4.6	ug/kg wet	ND					
Naphthalene			170	2.8	ug/kg wet	ND					
Phenanthrene			170	3.5	ug/kg wet	ND					
Pyrene			170	1.1	ug/kg wet	ND					
Surrogate: 2,4,6-Tribromophenol					*ug/kg wet*		*93*	*39-146*			
Surrogate: 2-Fluorobiphenyl					*ug/kg wet*		*96*	*37-120*			
Surrogate: 2-Fluorophenol					*ug/kg wet*		*89*	*18-120*			
Surrogate: Nitrobenzene-d5					*ug/kg wet*		*89*	*34-132*			
Surrogate: Phenol-d5					*ug/kg wet*		*94*	*11-120*			
Surrogate: p-Terphenyl-d14					*ug/kg wet*		*94*	*58-147*			
LCS Analyzed: 12/12/09 (Lab Number:9L10099-BS1, Batch: 9L10099)											
Acenaphthene		3320	170	2.0	ug/kg wet	3760	113	53-120			
Acenaphthylene			170	1.4	ug/kg wet	ND		58-121			
Anthracene			170	4.3	ug/kg wet	ND		62-129			
Benzo(a)anthracene			170	2.9	ug/kg wet	ND		65-133			
Benzo(a)pyrene			170	4.1	ug/kg wet	ND		64-127			
Benzo(b)fluoranthene			170	3.3	ug/kg wet	ND		64-135			
Benzo(ghi)perylene			170	2.0	ug/kg wet	ND		50-152			
Benzo(k)fluoranthene			170	1.9	ug/kg wet	ND		58-138			
Chrysene			170	1.7	ug/kg wet	ND		64-131			
Dibenzo(a,h)anthracene			170	2.0	ug/kg wet	ND		54-148			
Fluoranthene			170	2.4	ug/kg wet	ND		62-131			
Fluorene			170	3.9	ug/kg wet	ND		63-126			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
LCS Analyzed: 12/12/09 (Lab Number:9L10099-BS1, Batch: 9L10099)											
Indeno(1,2,3-cd)pyrene			170	4.6	ug/kg wet	ND		56-149			
Naphthalene			170	2.8	ug/kg wet	ND		46-120			
Phenanthrene			170	3.5	ug/kg wet	ND		60-130			
Pyrene		3320	170	1.1	ug/kg wet	4060	122	51-133			
Surrogate: 2,4,6-Tribromophenol					*ug/kg wet*		*104*	*39-146*			
Surrogate: 2-Fluorobiphenyl					*ug/kg wet*		*113*	*37-120*			
Surrogate: 2-Fluorophenol					*ug/kg wet*		*102*	*18-120*			
Surrogate: Nitrobenzene-d5					*ug/kg wet*		*101*	*34-132*			
Surrogate: Phenol-d5					*ug/kg wet*		*107*	*11-120*			
Surrogate: p-Terphenyl-d14					*ug/kg wet*		*106*	*58-147*			
LCS Dup Analyzed: 12/12/09 (Lab Number:9L10099-BSD1, Batch: 9L10099)											
Acenaphthene		3330	170	2.0	ug/kg wet	3950	119	53-120	5	35	
Acenaphthylene			170	1.4	ug/kg wet	ND		58-121		18	
Anthracene			170	4.3	ug/kg wet	ND		62-129		15	
Benzo(a)anthracene			170	2.9	ug/kg wet	ND		65-133		15	
Benzo(a)pyrene			170	4.1	ug/kg wet	ND		64-127		15	
Benzo(b)fluoranthene			170	3.3	ug/kg wet	ND		64-135		15	
Benzo(ghi)perylene			170	2.0	ug/kg wet	ND		50-152		15	
Benzo(k)fluoranthene			170	1.9	ug/kg wet	ND		58-138		22	
Chrysene			170	1.7	ug/kg wet	ND		64-131		15	
Dibenzo(a,h)anthracene			170	2.0	ug/kg wet	ND		54-148		15	
Fluoranthene			170	2.4	ug/kg wet	ND		62-131		15	
Fluorene			170	3.9	ug/kg wet	ND		63-126		15	
Indeno(1,2,3-cd)pyrene			170	4.7	ug/kg wet	ND		56-149		15	
Naphthalene			170	2.8	ug/kg wet	ND		46-120		29	
Phenanthrene			170	3.5	ug/kg wet	ND		60-130		15	
Pyrene		3330	170	1.1	ug/kg wet	4230	127	51-133	4	35	
Surrogate: 2,4,6-Tribromophenol					*ug/kg wet*		*114*	*39-146*			
Surrogate: 2-Fluorobiphenyl					*ug/kg wet*		*118*	*37-120*			
Surrogate: 2-Fluorophenol					*ug/kg wet*		*110*	*18-120*			
Surrogate: Nitrobenzene-d5					*ug/kg wet*		*109*	*34-132*			
Surrogate: Phenol-d5					*ug/kg wet*		*112*	*11-120*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
LCS Dup Analyzed: 12/12/09 (Lab Number:9L10099-BSD1, Batch: 9L10099)											
Surrogate: p-Terphenyl-d14					*ug/kg wet*		*109*	*58-147*			

Chain of Custody Record

Temperature on Receipt ___ ___

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Benchmark Env	Project Manager: Mike Leszkowski	Date: 12/9/09	Chain of Custody Number: 159232
Address: 2558 Hamburg Turnpik	Telephone Number (Area Code)/Fax Number: (716) 856-0599	Lab Number:	Page 1 of 1
City: Lackawanna State: NY Zip Code: 14218	Site Contact: T. Bellandi Lab Contact: B. Fisch	Analysis (Attach list if more space is needed)	
Project Name and Location (State): Delta Solite	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	HNO3	HCl	NaOH	ZnAc/NaOH	STARS VOC 8260	STARS SVOC 8270	TCL+STARS VOC 8260
SB-1 (2-4)	12/9/09	1530				X	X					1	1	
SB-2 (2-4)		1634				X	X					1	1	
SB-3 (2-4)		1642				X	X					1	1	
SB-4 (2-4)		1028				X	X					1	1	
SB-5 (2-4)		1112				X	X					1	1	
SB-6 (4-6)		1650				X	X					1	1	
SB-7 (2-4)		1655				X	X					1	1	
SB-9 (2-4)		1203 1055				X	X					1	1	
TMW-1	12	1405		X					X					
TMW-2		1410		X					X					
TMW-3		1915		X					X					
TMW-4		1428		X					X					

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify)

	Date	Time
1. Relinquished By	12/9/09	1900
2. Relinquished By		
3. Relinquished By		

	Date	Time
1. Received By	12-10-09	1120
2. Received By		
3. Received By		

Comments: 2.0°

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

ATTACHMENT 06

LISTING OF CURRENT & PREVIOUS SITE OWNERS

Attachment 06

Listing of Current & Previous Site Owners
348 Langner Road Site
Brownfield Cleanup Program Application

INTRODUCTION

Reasonable attempts were made to attain complete previous site owner contact information.

The following table lists the current and previous property owners:

Name and Address of Owner	Date(s)	Relationship to Applicant
Current Owner		
Delta Sonic Car Wash Systems, Inc. 570 Delaware Avenue Buffalo, NY 14202 763-404-8040	At least 1986 - Current	Applicant

ATTACHMENT 07

LISTING OF CURRENT & PREVIOUS SITE OPERATORS

Attachment 07

Listing of Current & Previous Site Operators
348 Langner Road Site
Brownfield Cleanup Program Application

INTRODUCTION

The following table lists the current and previous property operators:

Name of Operator	Date(s)	Relationship to Applicant
Current Operator		
Delta Sonic Car Wash Systems, Inc. 570 Delaware Avenue Buffalo, NY 14202 716-886-0931	At least 1986 - Current	Owned by Applicant

ATTACHMENT 08

BROWNFIELD SITE CONTACT LIST

Attachment 08

Brownfield Site Contact List
348 Langner Road
Brownfield Cleanup Program Application

CONTACT LIST

The following is the contact list information for the subject property. The following contacts will be sent fact sheets throughout the project's duration.

Erie County Contacts:

Honorable Christopher Collins
Erie County Executive
95 Franklin Street
Buffalo, NY 14202

Erie County Legislator Christina Bove
District 9
1104 Union Road (South Gate Plaza)
West Seneca, NY 14224

Commissioner Kathy Konst
Erie Co. Environment & Plan.
95 Franklin Street
Buffalo, NY 14202

Mr. Paul Kranz
Erie Co. Environment & Plan.
95 Franklin Street
Buffalo, NY 14202

Mr. Robert Graber
Erie County Legislature Clerk
25 Delaware Avenue
Buffalo, NY 14202

Mr. Michael Raab
Erie Co. Environment & Planning
95 Franklin Street
Buffalo, NY 14202

Commissioner Anthony Billittier
Erie Co. Health Dept.
95 Franklin Street, Room 931
Buffalo, NY 14202

Erie County Local Emergency
45 Elm St.
Buffalo, NY 14203

David Stebbins
ECIDA
275 Oak St.
Buffalo, NY 14203

Christopher Pawenski
Erie County DEP
95 Franklin St.
Buffalo, NY 14202

Attachment 08

Brownfield Site Contact List
348 Langner Road
Brownfield Cleanup Program Application

Town of West Seneca Contacts:

Wallace Piotrowski, Supervisor
Town of West Seneca
1250 Union Road
West Seneca, NY 14224

Dale Clarke, Councilman
Town of West Seneca
1250 Union Road
West Seneca, NY 14224

Sheila Meegan, Councilwoman
Town of West Seneca
1250 Union Road
West Seneca, NY 14224

William Bond, Chairman
Town of West Seneca
Zoning Board
1250 Union Road
West Seneca, NY 14224

Robert Niederpruem, Jr., Chairman
Town of West Seneca
Planning Board
1250 Union Road
West Seneca, NY 14224

Evelyn Hicks, Chairperson
Town of West Seneca
Zoning Board - Environmental Comm.
1250 Union Road
West Seneca, NY 14224

Supplier of Potable Water:

Erie County Water Authority
350 Ellicott Square Building
295 Main Street
Buffalo, NY 14203

Local News Media:

Buffalo News
ATTN: Mr. Jay Bonfatti
1 News Plaza
Buffalo, NY 14240

WGRZ TV - Ch. 2
ATTN: Ms. Maria Sisti
259 Delaware Avenue
Buffalo, NY 14202

WIVB - Ch. 4
ATTN: Ms. Lisa Fullone
2077 Elmwood Avenue
Buffalo, NY 14207

WKBW News Channel 7
ATTN: Ms. Melanie Pritchard
7 Broadcast Plaza
Buffalo, NY 14202

Attachment 08

Brownfield Site Contact List
348 Langner Road
Brownfield Cleanup Program Application

Alternate Press
ATTN: Mr. Joe Schmidbauer
P.O. Box 729, Washington Station
Buffalo, NY 14205

Business First
ATTN: Anne Marie Franczyk
465 Main Street
Buffalo, NY 14203-1793

WBEN News Radio 930
Entercom Radio of Buffalo
500 Corporate Pkwy
Suite 200
Buffalo, NY 14226

WNED, Environmental News Desk
ATTN: Mr. Michael Desmond
P.O. Box 1263, Horizons Plaza
Buffalo, NY 14240

Nearby Schools:

Jon MacSwan, Principal
West Seneca West High School
3330 Seneca Street
West Seneca, NY 14224

Brian Graham, Principal
West Middle School
395 Center Road
West Seneca, NY 14224

Holly Quinn, Principal
Potter Road Elementary
675 Potters Road
West Seneca, NY 14224

Donna Mann, Principal
Potter Career & Technical Center
Erie 1 BOCES
705 Potters Road
West Seneca, NY 14224

Other Interested Parties:

WNY Director
Citizens Env. Coalition
543 Franklin Street
Buffalo, NY 14202-1109

Document Repository:

Catherine Foertch, Director
West Seneca Public Library
1300 Union Road
West Seneca, NY 14224

Attachment 08

Brownfield Site Contact List
348 Langner Road
Brownfield Cleanup Program Application

Adjacent Property Owners			
Property Address			
No.	**Street**	**Property Type**	**Property Use**
320	Langner Rd	Commercial	Self Storage
300	Langner Rd	Commercial	Office Building
280	Langner Rd	Industrial	Vacant
270	Langner Rd	Industrial	Vacant
268	Langner Rd	Industrial	Vacant
262	Langner Rd	Vacant	Vacant
263	Langner Rd	Res. w/ Com.	--
259	Langner Rd	Residential	Vacant
255	Langner Rd	Residential	1 Family
256	Langner Rd	Residential	1 Family
1881	Ridge Rd	Commercial	Shopping Center
Unaddressed Parcel East of 1881 Ridge Rd	Transmission Land	Commercial	Elec. Trans Imp.
5086	Transmission Land	Commercial	Elec. Trans Imp.
1929	Ridge Rd	Residential	1 Family
1941	Ridge Rd	Commercial	Vacant
1947	Ridge Rd	Commercial	Office Building
1951	Ridge Rd	Commercial	Office Building
1900	Ridge Rd	Commercial	Shopping Center
1910	Ridge Rd	Commercial	Auto Body
Unaddressed Parcel East of 1910 Ridge Rd	Transmission Land	Commercial	Elec. Trans Imp.
1810	Substation & Land	Commercial	Elec. Trans Imp.
1940	Ridge Rd	Commercial	Vacant
1956	Ridge Rd	Commercial	Restaurant
Unaddressed Parcel West of 1900 Ridge Rd	Transmission Land	Commercial	Elec. Trans Imp.

Note: Individual property owner identities withheld for privacy.
Full contact information provided to the NYSDEC

ATTACHMENT 09

DOCUMENT REPOSITORY CONFIRMATION LETTER

February 15, 2011

Ms. Catherine Foertch
Director
West Seneca Public Library
1300 Union Road
West Seneca, NY 14224

Re: Document Repository for Brownfield Cleanup Program
348 Langner Road Site
West Seneca, New York

Dear Ms. Foertch:

Thank you for agreeing to the West Seneca Public Library acting as the document repository for the above-referenced Site. In the future, we will be sending various documents relating to the Site that should be made available for public review upon request.

Please contact me if you have questions or require additional information.

Sincerely,
TurnKey Environmental Restoration, LLC

Nathan Munley
Project Environmental Scientist

c: File: 0123-005-101

ATTACHMENT 10

ENVIRONMENTAL FACTORS AND HISTORIC LAND USE CONSIDERATIONS

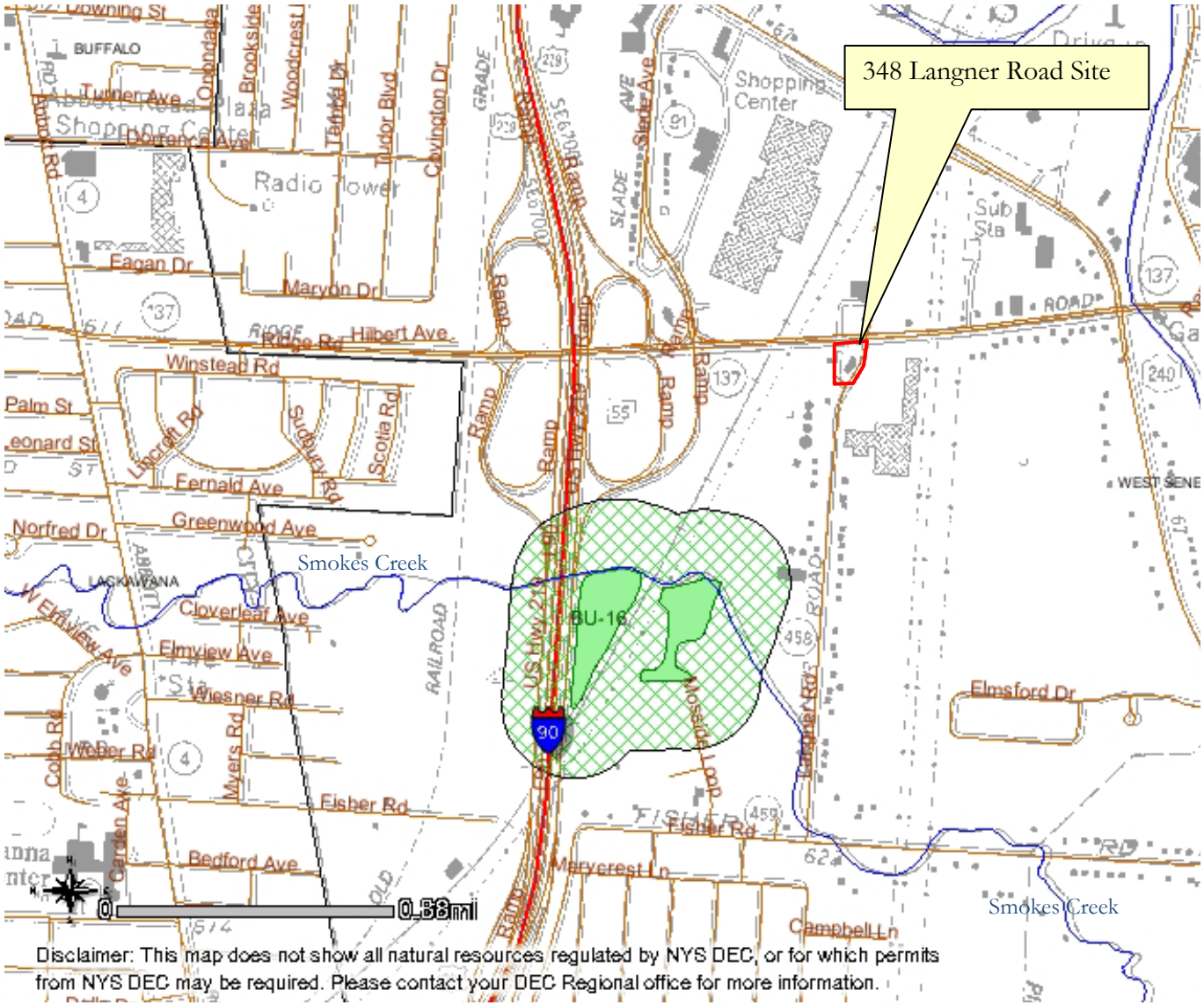
Attachment 10

Environmental Factors & Historic Land Use Considerations
348 Langner Road Site
Brownfield Cleanup Program Application

INTRODUCTION

The following provides a brief summary of the Site:

- The Site is located within a developed commercial (retail) and residential area.
- There are no State or Federal wetlands or floodplains located on the Site. Per the Erie County GIS On-Line Mapping System, floodplains exist along the Cazenovia Creek corridor located approximately 0.5-miles east of the site, and the Smokes Creek corridor located approximately 0.5-miles to the southwest of the site
- The Site is not adjacent to a Significant Coastal Fish and Wildlife Habitat.
- There are no threatened or endangered species, nor important plant habitats listed at the Site.
- A NYSDEC regulated freshwater wetland (BU-16) is located approximately 0.75-miles to the southwest of the site. A West Seneca Protected Wetland Area is located approximately 0.25-mile to the west of the Site.



Map Layers & Legend

More layers appear as you zoom in.

- Classified Water Bodies
- Classified Water Bodies
- State-Regulated Freshwater Wetlands
- Wetland Checkzone ?
- Rare Plants and Rare Animals
- Significant Natural Communities
- Natural Communities Vicinity ?
- Background Map
- Adirondack Park Boundary
- Counties

Base Image per NYSDEC Environmental Resource Mapper database

Property boundary approximate

TurnKey Environmental Restoration, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0123-005-101

DATE: FEBRUARY 2011

DRAFTED BY: NTM

NYSDEC WETLAND MAP

BROWNFIELD CLEANUP PROGRAM APPLICATION

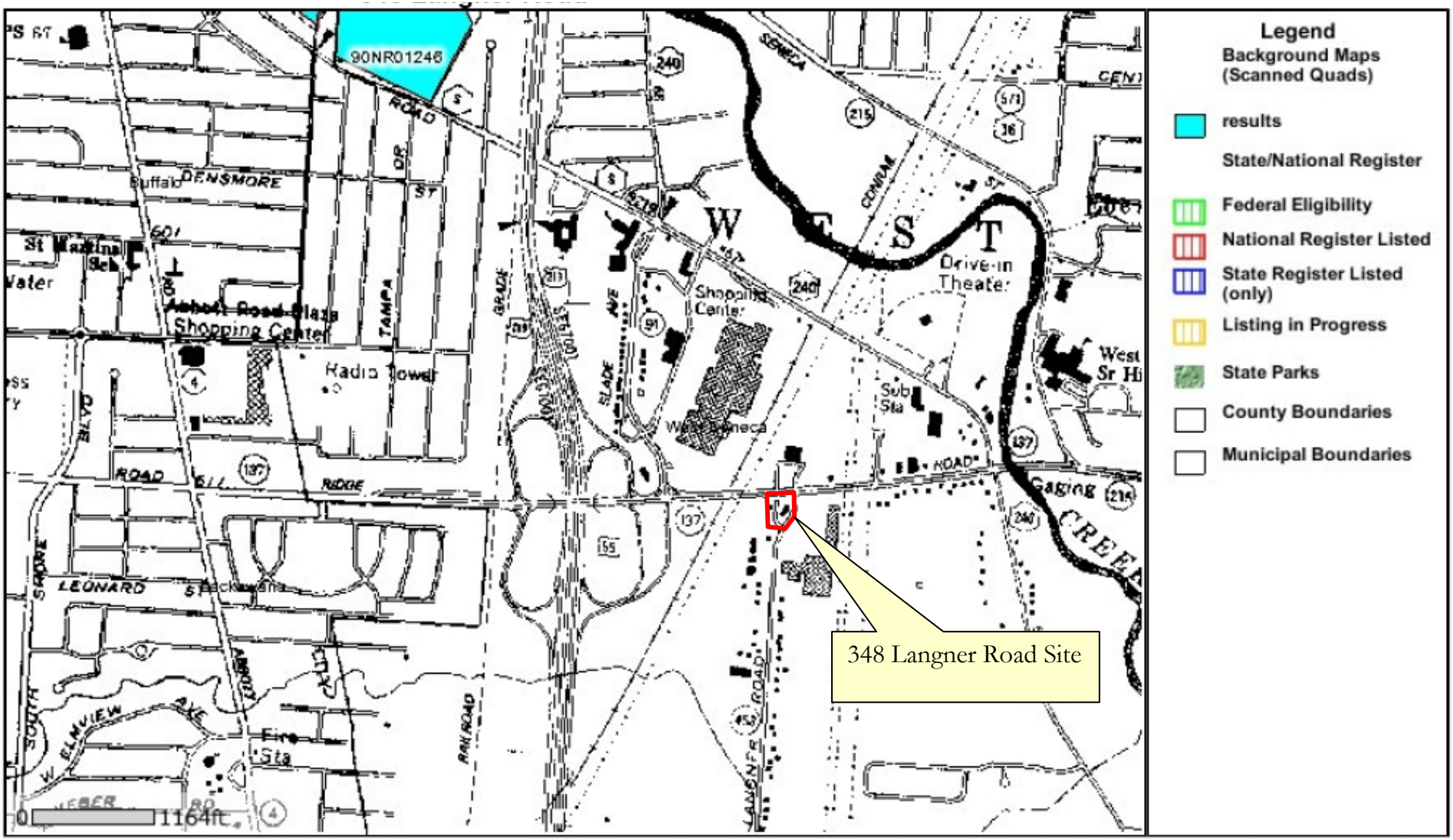
348 LANGNER ROAD SITE

WEST SENECA, NEW YORK

PREPARED FOR

DELTA-SONIC CARWASH SYSTEMS, INC.

FIGURE 10-1



February 11, 2011

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

TurnKey Environmental Restoration, LLC

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CULTURAL RESOURCE MAP

BROWNFIELD CLEANUP PROGRAM APPLICATION

348 LANGNER ROAD SITE

WEST SENECA, NEW YORK

PREPARED FOR

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FIGURE 10-2

ATTACHMENT 11

NEARBY LAND USE MAP

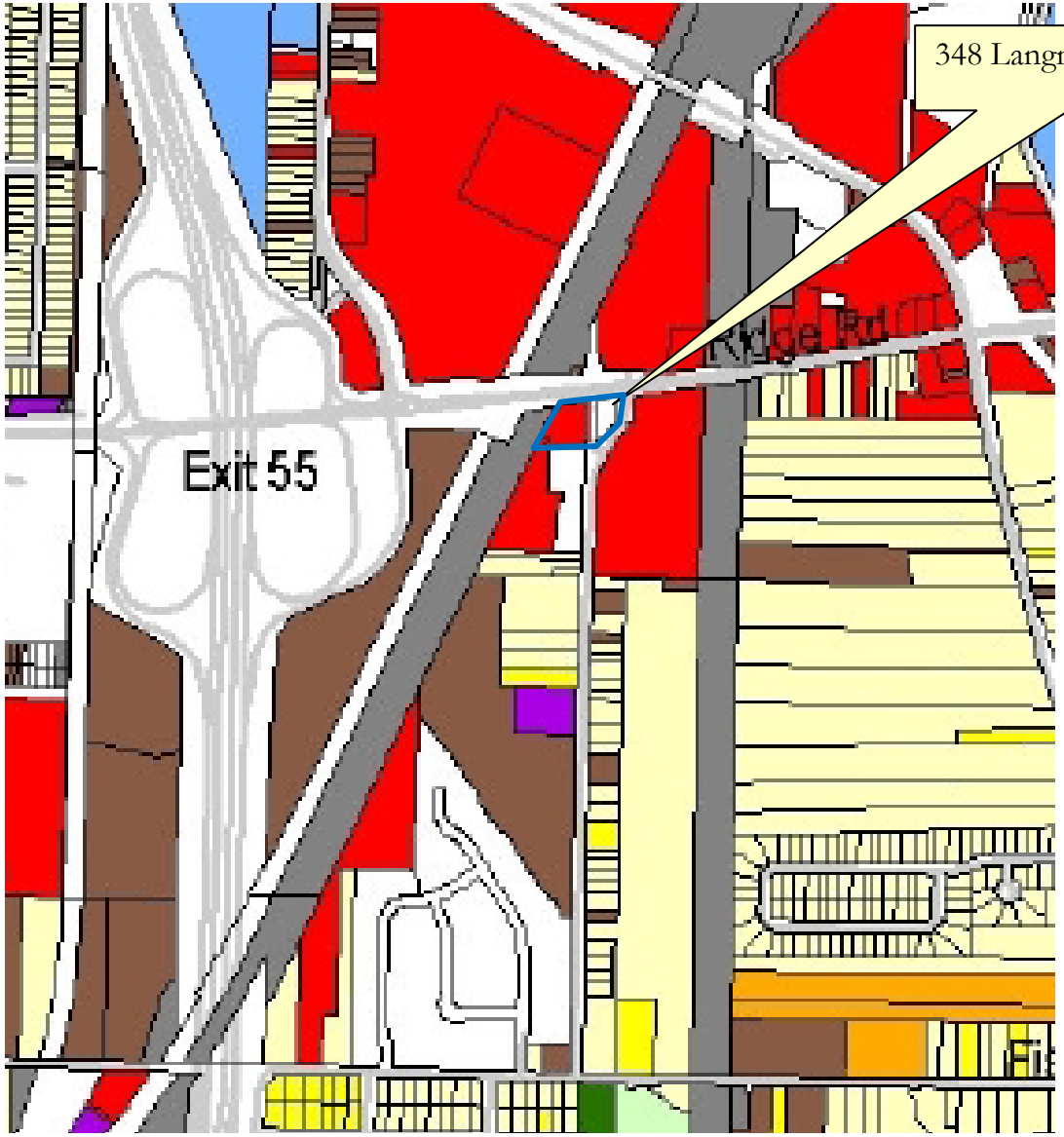
Attachment 11

Surrounding Land Use Description
348 Langner Road Site
Brownfield Cleanup Program Application

SURROUNDING LAND USE DESCRIPTION

The Site, located at the corner of Ridge Road and Langner Road in West Seneca, New York, is bound by Ridge Road to the north, Langner Road to the east, railroad tracks and high power electrical transmission lines to the west, and commercial and residential properties to the south. NYS Interstate 90 (I-90) is located approximately 0.25-mile to the west.

The Site is located in a highly developed commercial retail area of the Town of West Seneca. Residential areas surrounding the site are located approximately 0.5-miles to the south. A surrounding land use map is provided as Figure 11-1.



Legend

Land Use Classifications

- SINGLE FAMILY RESIDENTIAL
- MULTI-FAMILY RESIDENTIAL
- MULTIPLE RESIDENTIAL
- AGRICULTURAL
- COMMERCIAL
- INDUSTRIAL
- GOVERNMENT/PUBLIC
- PARKS & RECREATION
- UTILITIES/INFRASTRUCTURE
- VACANT
- MISSING DATA

Land Use Map per Town of West Seneca

Not to Scale

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SURROUNDING LAND USE

BROWNFIELD CLEANUP PROGRAM APPLICATION

348 LANGNER ROAD SITE

WEST SENECA, NEW YORK

PREPARED FOR

DELTA-SONIC CARWASH SYSTEMS, INC.

FIGURE 11-1

ATTACHMENT 12

GROUNDWATER VULNERABILITY ASSESSMENT

Attachment 12

Groundwater Vulnerability Assessment
348 Langner Road Site
Brownfield Cleanup Program Application

POTENTIAL VULNERABILITY OF GROUNDWATER TO CONTAMINATION

Volatile organic compounds (VOCs) were detected in soil and groundwater during a environmental site investigation on the Site. Attachment 5 includes a copy of the 2010 Limited Phase II Site Investigation Report.

Currently, there are no known deed restrictions on the use of groundwater at the Site. Municipal water is available to the Site and all properties in the area. The municipal water is supplied by Erie County Water Authority (ECWA West Seneca - PWS # NY1404543), and is derived from Lake Erie and the Niagara River. All municipal supplied water in the vicinity of the Site is either "direct-managed" or "lease-managed" under the ECWA.

GROUNDWATER FLOW/RECHARGE

Based on the groundwater gauging data collected by Benchmark during the Limited Phase II Site Investigation (January 2010), the water table is located between seven (7) to nine (9) feet below ground surface (fbgs) and localized Site groundwater generally flows in a west to southwest direction.

RECOMMENDATIONS

Further work is required to investigate groundwater quality data. Additional wells to assess groundwater flow patterns and water quality will be needed.

ATTACHMENT 13

DESCRIPTION OF SITE GEOGRAPHY/GEOLOGY

Attachment 13

Description of Site Geography/Geology
348 Langner Road Site
Brownfield Cleanup Program Application

ECOLOGICAL SETTING

The Site is currently utilized as a gasoline station, convenience store and car wash. The Site is improved with one convenience store building, one car wash building, four product dispenser islands, pump island canopy and two underground storage tank (UST) areas containing a total of eight petroleum USTs are currently present at the Site. The majority of the Site is covered with existing buildings, asphalt parking and driveway, and a small manicured lawn area along Langner Road.

The Site is located in the Lake Erie-Niagara River Basin, which generally drains west/southwest from the Site, although localized variation may occur. Viable aquatic habitats in the vicinity of the Site includes Smokes Creek (approximately 0.5 miles southwest), a Town of West Seneca protected wetland area (adjacent to Ridge Road approximately 0.25-miles west) and Lake Erie (approximately 4 miles west). Cazenovia Creek is located up-gradient of the Site (approximately 0.5 miles east).

DEMOGRAPHY AND LAND USE

The Site is located in a highly developed commercial-retail area of the Town of West Seneca, Erie County, New York (see Figure 11-1). The Site is adjacent to a larger retail shopping development, with Interstate 90 and, State Route 219 located to the west. Land use surrounding the site is commercial. with no residential properties adjacent to the Site. However, nearby residential areas are located along Ridge Road east of the Site and on Langner Road south of the Site (see Figure 11-1).

REGIONAL GEOLOGY/HYDROGEOLOGY

The Site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie, except in the

immediate vicinity of major drainage ways (USDA, 1978). The surficial geology of the Lake Erie Plain consists of a thin glacial till (if present), glaciolacustrine deposits, recent alluvium, and the soils derived from these deposits.

According to the Erie County GIS maps website, the surficial geology of the site is Niagara silt loam, 0 to 3 % slopes. The USDA Soil Survey of Erie County, New York describes the western portion of the Site as Niagara silt loam, 0 to 3 percent slopes (NfA), and the eastern portion of the Site as Rhinebeck silt loam (RgA), 0 to 3 percent slopes. Urban lands (Ud) are immediately adjacent to the east and north of the site.

Bedrock in the vicinity of the Site consists predominantly of shale and limestone of the Hamilton Group. The unit has an approximate thickness of 200 to 500 feet.

SITE GEOLOGY/HYDROGEOLOGY

Based on the Phase II investigation (See Attachment 05), the geology at the site is generally described as fill materials overlying silty clay and till. The fill materials consist of sand and gravel with varying amounts of brick, and cinders at depths ranging from 0 to 4 feet below ground surface (fbgs).

Based on the groundwater gauging data collected during the Phase II investigation, localized groundwater appears to generally flow across the Site in a west and or southwest direction toward Smokes Creek and the wetland area adjacent to Interstate 90.

ATTACHMENT 14

ELECTRONIC COPY OF BCP APPLICATION AND ATTACHMENTS