

Phase I Environmental Site Assessment

East Second Street Property

East Second Street

Greenville, Pitt County, NC

July 5, 2017

Terracon Project No. 72177015



Prepared for:

City of Greenville
Greenville, North Carolina

Prepared by:

Terracon Consultants, Inc.
Winterville, North Carolina

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

July 5, 2017



City of Greenville
PO Box 7207
Greenville, North Carolina 27835

Attention: Mr. Lamarco Morrison
Park Planner

Subject: Phase I Environmental Site Assessment
East Second Street Property
East Second Street
Greenville, Pitt County, North Carolina
Terracon Project No. 72177015

Dear Mr. Morrison:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with Terracon Proposal Number P72177015, dated February 14, 2017 and our Supplement to Agreement for Services, dated March 27, 2017.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Blake Neel
Staff Scientist
Environmental Services

Carl F. Bonner, PE
Principal / Office Manager

Attachments

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TABLE OF CONTENTS

	Page No.
EXECUTIVE SUMMARY	i
Findings.....	i
Conclusions.....	iv
1.0 INTRODUCTION.....	1
1.1 Site Description	1
1.2 Scope of Services	1
1.3 Standard of Care.....	1
1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps.....	2
1.5 Reliance	3
1.6 Client Provided Information.....	4
2.0 PHYSICAL SETTING	5
3.0 HISTORICAL USE INFORMATION	6
3.1 Historical Topographic Maps	6
3.2 Historical Aerial Photographs.....	7
3.3 Historical City Directories.....	8
3.4 Historical Fire Insurance Maps	8
3.5 Site Ownership.....	8
3.6 Title Search	9
3.7 Environmental Liens.....	9
3.8 Interviews Regarding Current and Historical Uses	9
3.9 Prior Report Review	10
3.10 Historical Use Information Summary	10
4.0 RECORDS REVIEW	10
4.1 Federal and State/Tribal Databases	11
4.2 Local Agency Inquiries	13
4.2.1 Health Department/Environmental Division	14
4.2.2 Fire Department	14
4.2.3 Planning, Building Permit/Inspection Department	14
4.3 Records Review Summary	15
5.0 SITE RECONNAISSANCE	15
5.1 General Site Information	15
5.2 Overview of Current Site Occupants and Operations.....	16
5.3 Site Observations	16
5.4 Site Reconnaissance Summary.....	19
6.0 ADJOINING PROPERTY RECONNAISSANCE	19
7.0 ADDITIONAL SERVICES.....	19
8.0 DECLARATION	25

TABLE OF CONTENTS (continued)

APPENDICES

APPENDIX A	Exhibit 1 - Topographic Map, Exhibit 2 – Site Diagram
APPENDIX B	Description of Terms and Acronyms
APPENDIX C	Historical Documentation
APPENDIX D	Environmental Database Information
APPENDIX E	Site Photographs
APPENDIX F	Analytical Results and Chain of Custody

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal Number P72177015, dated February 14, 2017, and our supplemental agreement dated March 27, 2017 and was conducted consistent with the procedures included in ASTM E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Mr. Carl F. Bonner, P.E., Environmental Professional. Mr. Blake Neel performed the initial site reconnaissance on March 6, 2017. A subsequent environmental sampling event was performed on April 18, 2017 and an exploratory excavation of test pits was performed on May 19, 2017.

Findings

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site is located on the north side of East Second Street, approximately 500 feet to the east of the intersection of Cemetery Road and East Second Street in Greenville, Pitt County, North Carolina. Based on information provided by the client or the Pitt County Online Parcel Information System (OPIS), the site consists of a 6-acre tract that is a portion of a larger parcel that is Parcel ID Number 28980. The site is mostly an undeveloped field and/or thinly wooded with the exception of a telecommunication tower compound and an approximately 800 sq/ft vacant building located near the site's southeast property corner.

Historical Information

Based on a review of the historical information, available aerial photographs and interviews conducted, the site formerly operated as a landfill beginning in the 1930s that ceased operations in 1981. Reportedly, the landfill accepted mostly domestic waste, with the exception of battery waste from Eveready Battery Company from approximately 1952 to 1972. From at least 1982 until the time of our site visit, the site has mostly been undeveloped with the exception of the existing telecommunication tower compound and vacant building located along East Second Street.

Historically, adjoining properties have been undeveloped, a cemetery or a City of Greenville Sewage Pump Station. Portions of the existing Greenwood Cemetery are first observed in the 1948 aerial photograph. Disturbances to the north of the site, a portion of the site's parent tract, are first observed on the 1963 aerial photograph and is assumed to be part of the site's former landfill activities. The existing City of Greenville Sewage Pump Station to the east of the site is

first observed on the 2008 aerial photograph and according to the Pitt County OPIS, was built in 1999.

Terracon also conducted a Limited Site Investigation (LSI) as part of this Phase I ESA in order to identify potential contamination from the historical use of the site as a landfill. Based on results from the LSI, groundwater contamination above regulatory standards exists onsite. In addition, soil contamination above regulatory standards exists in soils in the form of heavy metal elements.

Based on the LSI results indicating soil and groundwater contamination, the site is considered a REC.

RECs were not identified with the current or past use of the site's adjoining properties.

Records Review

Greenville City Landfill, the site, was identified in the EDR Report as a NC Hazardous Waste Disposal Site (HSDS) and on the Old Landfill Inventory (OLI) database. Due to the lack of information provided in the EDR Report, Terracon utilized the North Carolina Department of Environmental Quality's (NCDEQs) Laserfiche Weblink Website in order to ascertain additional information regarding the site.

Based on a Site Assessment Report (SAR) dated September 2001, Terracon understands the former landfill began operations in the 1930s for disposal of industrial and domestic waste. Battery waste was discarded at the site from approximately 1952 to 1972 from Eveready Battery Company. Reportedly, up to 35,000 pounds of waste containing 0.5 percent mercury was hauled to the site. The landfill ceased operation and was closed by constructing an approximately 26-inch soil cap in 1982.

According to the 2001 SAR Report, samples were collected that included surface water from the Tar River, offsite surface water from the Tar River and sediment collected from the Tar River. However, none of the samples collected were within the existing site boundaries. The SAR indicates that the samples analyzed for RCRA Metals displayed results that were most likely naturally occurring in the region. The SAR also indicated that low concentrations of pesticides, volatiles and semi-volatiles were analyzed in the samples collected but were below NCDEQ thresholds.

Based on the historical use of the site as a landfill, along with groundwater contamination detected during an LSI conducted as part of this Phase I, the Greenville City Landfill is considered a REC.

Site Reconnaissance

Terracon observed the site as being mostly undeveloped with the exception of an approximately 800 sf vacant building and a telecommunication tower compound. In addition, Terracon observed an emergency generator within the telecommunication tower compound, windblown trash and construction debris in the form of concrete and wooden pallets.

Based on our site observations, the observed site characteristics are not considered RECs.

Adjoining Properties

The adjoining properties are currently thinly wooded, a City of Greenville Sewage Pump Station or a cemetery. The site is adjoined to the north by a portion of the site's parent tract that is thinly wooded; to the east by a City of Greenville Sewage Pump Station; to the south by East Second Street with Greenwood Cemetery located across the road; and to the west by a portion of the site's parent tract which is currently undeveloped.

Additional Services

Based on the information obtained during the historical review, Terracon recommended that test pits be completed along with soil and groundwater sampling in areas identified as being a former landfill. The test pits and soil and groundwater sampling services, were conducted under Terracon's Supplement to Agreement for Services dated March 27, 2017.

The following summarizes the results of the test pits and soil and groundwater sampling analysis:

- The test pits revealed approximately 2.5 to 3 feet of dark brown and gray clayey sands, assumed to be a "cap" over the former landfill. At a depth of approximately 3 feet, we began to encounter a black plastic/woven liner material in the test pits. We assume prior to the closing of the landfill with a dirt cap, this liner was placed across the site.
- Underneath the plastic/woven liner, household garbage was observed to a depth of at least 8 feet. The maximum depth reached was limited to eight feet. Among the items observed were plastic wrappers, plastic bottles, paper products, glass bottles, rubber tires and light construction debris in the form of wood or small chunks of concrete near the site's eastern property line.
- Analytical results from SB-1 through SB-5, analyzed for volatiles using EPA Method 8260 and semi-volatiles using EPA Method 8270, were Non-Detect (ND) or below NCDEQ action levels for soils.
- SB-1 through SB-4, analyzed for the eight RCRA Metals, were Non-Detect (ND) or below NCDEQ action levels for soils.

- Analytical results from SB-5, collected from the far southern portion of the site near East Second Street and analyzed for eight RCRA Metals, were above NCDEQs Protection of Groundwater Preliminary Soil Remediation Goals (PSRG) for Cadmium, Selenium and Silver. It was also above NCDEQs Industrial / Commercial Health Based PSRGs for Arsenic and Lead.
- Analytical results from GW-2 and GW-3, analyzed for volatiles using EPA Method 8260 and semi-volatiles using EPA Method 8270, were above NCDEQs 2L Standards for Benzene and Chlorobenzene. Analytical results from GW-1, GW-4 and GW-5 also analyzed for volatiles and semi-volatiles were Non-Detect (ND) or below NCDEQ action levels for groundwater.
- Analytical results from GW-1 through GW-5, analyzed for NCDEQs Eight RCRA Metals, were over NCDEQs 2L Groundwater quality standards for Arsenic, Barium, Cadmium, Chromium, Lead and Mercury.

Based on the analytical results, the historical use of the site as a landfill, along with residual soil and groundwater contamination, is considered a REC.

Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 for the East Second Street Property located on East Second Street in Greenville, NC, the site. Recognized environmental conditions were identified in connection with the property and include the following:

- The former use of the site as a landfill and documented residual soil and groundwater contamination across the site.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
EAST SECOND STREET PROPERTY
EAST SECOND STREET
GREENVILLE, PITT COUNTY, NORTH CAROLINA**

Terracon Project No. 72177015

July 5, 2017

1.0 INTRODUCTION

1.1 Site Description

Site Name	East Second Street Property
Site Location/Address	East Second Street, Greenville, Pitt County, North Carolina
Land Area	Approximately 6 acres
Site Improvements	The site is mostly an undeveloped field and/or thinly wooded with the exception of a telecommunication tower compound and an approximately 800 sq/ft vacant building located near the site's southeast property corner.

The site location is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A Site Diagram of the site and adjoining properties is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix B.

1.2 Scope of Services

This Phase I ESA was performed in accordance with Terracon Proposal Number P72177015, dated February 14, 2017, and our supplemental agreement dated March 27, 2017 and was conducted consistent with the procedures included in ASTM E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, user-provided information, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- Portions of the site were inaccessible due to thick vegetation at the time of our site visit.

An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and

discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of the City of Greenville. Use or reliance by any other party is prohibited without the written authorization of the City of Greenville and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement. The limitation of liability defined in the Agreement is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E 1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E 1527-13.

1.6 Client Provided Information

Prior to the site visit, Mr. Lamarco Morrison, client's representative, was asked to provide the following user questionnaire information as described in ASTM E 1527-13 Section 6.

Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Aware of any Environmental Cleanup Liens against the site.			X
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			X
Aware of any Specialized Knowledge or Experience related to the site or nearby properties.			X
Actual Knowledge of a Significantly Lower Purchase Price because of hazardous substances or petroleum products.			X
Commonly Known or Reasonably Ascertainable Information that is material to a release in connection with the site.		X	
Obvious Indicators of Contamination at the site.		X	

Mr. Morrison indicated the site is a capped/closed landfill and that types of debris disposed of onsite are unknown.

RECs associated with the former landfill along with the lack of information surrounding the former landfill is considered a REC associated with the site. A copy of the client completed user questionnaire is included in Appendix C.

2.0 PHYSICAL SETTING

Physical Setting Information		Source
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 29 feet (NGVD)	USGS Topographic Map, Quadrangle: Greenville SE, NC 1998
Surface Runoff/ Topographic Gradient	Sloping downward towards the north.	
Closest Surface Water	The Tar River is located approximately 1,500 to the north of the site.	
Soil Characteristics		
Soil Type	Bb – Bibb Complex, 0 to 1 percent slopes (northern portion of site) Ro – Roanoke silt loam, 0 to 1 percent slopes (extreme southern portion of site).	Pitt County, NC USDA, Soil Conservation Services Soil Survey issued November 1974
Description	Bb – this map unit consists of a soils found on flood plains and in draws and depressions in the uplands. Infiltration is moderate and runoff is slow. The seasonal high water table is located at or near the surface. Ro – this map unit consists of a poorly drained soil found on broad flats and in slight depressions. Infiltration is moderate and surface runoff is slow or ponded. The seasonal high water table is at or near the surface.	

Physical Setting Information		Source
Geology/Hydrogeology		
Formation	Yorktown Formation and Duplin Formation, Undivided	Geologic Map of North Carolina, 1985
Description	Regionally the site is located in the middle Coastal Plain Physiographic Province. The Coastal Plain deposits consist mainly of marine and deltaic sediments, which were deposited during successive periods of fluctuating sea level and moving shoreline. The soils in this province are typical of those laid down in a shallow, sloping sea bottom. They include sands, silts and clays with irregular deposits of shells. Alluvial sands, silts and clays are typically present near rivers and creeks. The subject site is underlain by a sequence of marine sediments of Tertiary age known as the Yorktown Formation and Duplin Formation, Undivided.	
Estimated Depth to First Occurrence of Groundwater	The estimated depth to the first occurrence of groundwater is at a depth of 15 to 20 feet.	LSI conducted by Terracon as part of this Phase I ESA
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the north).	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify past uses for indications of RECs. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps

Readily available historical USGS topographic maps were reviewed to evaluate land development in connection with the site. Reviewed historical topographic maps are summarized below.

- Greenville SE, NC dated 1998

Historical Topographic Maps

Direction	Description
Site	Mainly shaded green to indicate woodland. Three buildings are observed along the southern property line. Two of the buildings are located in similar locations as the existing vacant building and telecommunication tower compound.
North	Shaded green to indicate woodland.
East	Shaded green to indicate woodland. Further east is a building in a similar location as the existing sewage pump station.
South	East Second Street observed and shaded white across the road with several roads observed. Labeled as Greenwood Cemetery.
West	Shaded green to indicate woodland. Several buildings are observed along East Second Street.

3.2 Historical Aerial Photographs

Selected historical aerial photographs from the Pitt County Natural Resource and Conservation Service (NRCS), the Pitt County Farm Service Agency (FSA) and Google Earth Pro (GEP) were reviewed at approximately 10 to 15 year intervals, if readily available, to obtain information concerning the history of development on and near the site.

■	NRCS, 1940	Scale 1:500
■	NRCS, 1948	Scale 1:500
■	NRCS, 1954	Scale 1:400
■	FSA, 1963	Scale 1:300
■	FSA, 1970	Scale 1:300
■	FSA, 1988	Scale 1:400
■	GEP, 1993	Scale 1:400
■	GEP, 1998	Scale 1:300
■	GEP, 2008	Scale 1:500
■	GEP, 2015	Scale 1:500

Historical Aerial Photographs

Direction	Description
Site	Woodland with light disturbances in the northern portion of the site. The southern portion of the site appears to be disturbed with paths extending from the west to the east across the site (1940 – 1954); most of the site is cleared with paths extending through the site (1963 – 1988); mostly undeveloped with the exception of the existing vacant building and telecommunication tower compound (1993 – 2015).
North	Woodland (1940 – 1954); dirt roads observed with one main path extending to the north/northeast from the site (1963); most of the northern adjoining has been cleared and several dirt roads are observed (1970 – 1988); undeveloped (1993 – 1998); thinly wooded (2008 – 2015).
East	Woodland (1940 – 1954); mostly undeveloped. Light disturbances immediately to the east of the site with woodland observed further to the east (1963); undeveloped (1970 – 1998); developed with a structure with a similar shape and location as the existing City of Greenville Sewage Pump Station (2008 – 2015).
South	East Second Street observed and undeveloped across the road (1940); similar to the 1940 aerial with the exception of the paths in similar locations as the existing Greenwood Cemetery observed to the south/southwest (1948 – 1963); developed across East Second Street with Greenwood Cemetery (1970 – 2015).
West	Woodland and/or undeveloped field (1940 – 1954); light disturbances observed immediately to the west and undeveloped further to the west (1963 – 2015).

3.3 Historical City Directories

Terracon checked with the Sheppard Memorial Library located in Greenville, NC about the availability of city directories for the site area. The site and its parent tract are addressed as 2805 East Second Street. Based on a review of available city directories, city directories for the site area are not available.

3.4 Historical Fire Insurance Maps

Based on inquiries for historical fire insurance maps from Environmental Data Resources, Inc. (EDR), historical fire insurance maps are not available for the site area.

3.5 Site Ownership

Based on a review of information obtained from the Pitt County OPIS, the current site owner for the site is The City of Greenville. Previous property owners were not readily available on the Pitt County OPIS.

3.6 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.7 Environmental Liens

Environmental lien records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.8 Interviews Regarding Current and Historical Uses

The following individuals were interviewed regarding the current and historical use of the site.

Interviewees

Interviewer	Interviewee/Phone #	Title	Date/Time
Mr. Blake Neel	Mr. Lamarco Morrison / (252) 329-4242	Client Representative	3/3/17 / 10:00 am

Mr. Lamarco Morrison Interview

According to Mr. Morrison, he is somewhat familiar with the site. According to Mr. Morrison, the site has not been developed with structures to his knowledge but the site was historically utilized as a landfill for household trash.

Mr. Morrison also indicated that to his knowledge, the site's adjoining properties were historically as they are now, with the existing cemetery to the south of the site and the existing pump station to the east.

Mr. Morrison was unaware of USTs that would have been historically utilized at the site.

Mr. Morrison was unaware of gas stations, dry cleaners, automotive repair shops or industrial facilities that have historically operated on the site or the site's adjoining properties.

Mr. Morrison was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site.

3.9 Prior Report Review

Previous environmental reports, permits and registrations or geotechnical reports for the site were not provided by the client to Terracon for review.

3.10 Historical Use Information Summary

Based on a review of the historical information, available aerial photographs and interviews conducted, the site formerly operated as a landfill beginning in the 1930s that ceased operations in 1981. Reportedly, the landfill accepted mostly domestic waste, with the exception of battery waste from Eveready Battery Company from approximately 1952 to 1972. From at least 1982 until the time of our site visit, the site has mostly been undeveloped with the exception of the existing telecommunication tower compound and vacant building located along East Second Street.

Historically, adjoining properties have been undeveloped, a cemetery or a City of Greenville Sewage Pump Station. Portions of the existing Greenwood Cemetery are first observed in the 1948 aerial photograph. Disturbances to the north of the site, a portion of the site's parent tract, are first observed on the 1963 aerial photograph and is assumed to be part of the site's former landfill activities. The existing City of Greenville Sewage Pump Station to the east of the site is first observed on the 2008 aerial photograph and according to the Pitt County OPIS, was built in 1999.

Terracon also conducted a Limited Site Investigation (LSI) as part of this Phase I ESA in order to identify potential contamination from the historical use of the site as a landfill. Based on results from the LSI, groundwater contamination above regulatory standards exists onsite. In addition, soil contamination above regulatory standards exists in soils in the form of heavy metal elements.

Based on the LSI results indicating soil and groundwater contamination, the site is considered a REC.

RECs were not identified with the current or past use of the site's adjoining properties.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal Databases

Database	Description	Radius (miles)	Listings
CERCLIS	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980.	0.5	0
CERCLIS / NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	0.5	0
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Site	0
IC / EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.	Site	0
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	1	0
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	0.5	0

Database	Description	Radius (miles)	Listings
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	Site and adjoining properties	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.5	0

State/Tribal Databases

Brownfields	State and/or Tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	0.5	0
DRYCLEANERS	The NCDEQ maintains a database of potential and known dry-cleaning sites, active and abandoned, that the Dry-cleaning Solvent Cleanup Program has knowledge of in the State of North Carolina.	0.25	0
HSDS	The North Carolina Center for Geographic Information and Analysis maintains a database of sites with uncontrolled and unregulated hazardous waste sites within the State of North Carolina. This database includes sites on the national priority list as well as those on the state priority list.	1	1
IC	No Further Action Sites with Land Use Restrictions Monitoring.	Site	0
IMD	The NCDEQ maintains a database of groundwater and/or soil contamination sites in the State of North Carolina	0.5	19
LUST	State and/or Tribal database of leaking underground storage tanks in the state of North Carolina.	0.5	21
LAST	State and/or Tribal database of leaking aboveground storage tanks in the state of North Carolina.	0.5	1
SHWS	The North Carolina Department of Environmental Quality (NCDEQ) maintains a municipal listing of state equivalent CERCLIS sites where contamination of soil and/or ground water is confirmed at levels greater than the applicable cleanup criteria or standards.	0.5	0

Database	Description	Radius (miles)	Listings
SWF/LF	State and/or Tribal database of solid waste facilities located within North Carolina. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0
UST	State and/or Tribal database of registered storage tanks in the State of North Carolina which may include the owner and location of the tanks.	Site and adjoining properties	0
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	0.5	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for selected identified facilities within 500 feet of the site. Facilities are listed in order of proximity to the site. Additional discussion for selected facilities may follow the summary table.

Selected Listed Facilities

Facility Name And Location	Estimated Distance/Direction/Gradient	Database Listings
Greenville City Landfill East Second Street	Site	NC HSDS, OLI

Greenville City Landfill, the site, was identified in the EDR Report as a NC Hazardous Waste Disposal Site (HSDS) and on the Old Landfill Inventory (OLI) database. Due to the lack of information provided in the EDR Report, Terracon utilized the North Carolina Department of Environmental Quality's (NCDEQs) Laserfiche Weblink Website in order to ascertain additional information regarding the site. Based on a Site Assessment Report (SAR) dated September, 2001, Terracon understands the following:

- The former landfill began operations in the 1930s for disposal of industrial and domestic waste.
- In 1974, the landfill was permitted by the State and received approximately 300 tons of polyester yarn waste.
- Battery waste was discarded at the site from approximately 1952 to 1972 from Eveready Battery Company. Reportedly, up to 35,000 pounds of waste containing 0.5 percent mercury was hauled to the site.
- The landfill ceased operation and was closed by constructing an approximately 26-inch soil cap in 1982.

- According to the 2001 SAR Report, the site area was formerly used as both a demolition landfill and a municipal landfill. The subject site is located in the municipal landfill area.
- Several samples were collected during the 2001 SAR Report that included surface water from the Tar River, offsite surface water from the Tar River and sediment collected from the Tar River. However, none of the samples collected were within the existing site boundaries.
- The samples collected were analyzed for volatiles, semi-volatiles, RCRA Metals, pesticides and PCBs.
- The SAR indicates that the samples analyzed for RCRA Metals displayed results that were most likely naturally occurring in the region.
- The SAR also indicated that concentrations below NCDEQ thresholds of pesticides, volatiles and semi-volatiles were detected in the samples analyzed.

Based on the historical use of the site as a landfill, along with groundwater contamination detected during an LSI conducted as part of this Phase I, the Greenville City Landfill is considered a REC.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed 1 facility in the unmapped section. Determining the location of unmapped facilities is typically beyond the scope of this assessment; however, none of these facilities were identified as the site or adjacent properties. These facilities are listed in the database report in the Appendix.

4.2 Local Agency Inquiries

4.2.1 Health Department/Environmental Division

The Pitt County Health Department/Environmental Division was contacted regarding environmental records or information indicating potential environmental concerns associated with the site. According to this department, other than septic tank violations and restaurant violations, they do not keep records of environmental concerns and suggested that we contact NCDEQ for the records we are requesting.

4.2.2 Fire Department

The Greenville Fire and Rescue Department was contacted regarding environmental records or information indicating environmental concerns for the site. At the issuance of this report, a response had not been received from the Greenville Fire and Rescue Department.

4.2.3 Planning, Building Permit/Inspection Department

The Pitt County Permit/Inspections Department was contacted regarding environmental records for the site. According to these agencies, records of environmental concerns are not kept on file and they suggested that we contact NCDEQ.

4.3 Records Review Summary

Greenville City Landfill, the site, was identified in the EDR Report as a NC Hazardous Waste Disposal Site (HSDS) and on the Old Landfill Inventory (OLI) database. Due to the lack of information provided in the EDR Report, Terracon utilized the North Carolina Department of Environmental Quality's (NCDEQs) Laserfiche Weblink Website in order to ascertain additional information regarding the site.

Based on a Site Assessment Report (SAR) dated September 2001, Terracon understands the former landfill began operations in the 1930s for disposal of industrial and domestic waste. Battery waste was discarded at the site from approximately 1952 to 1972 from Eveready Battery Company. Reportedly, up to 35,000 pounds of waste containing 0.5 percent mercury was hauled to the site. The landfill ceased operation and was closed by constructing an approximately 26-inch soil cap in 1982.

According to the 2001 SAR Report, samples were collected that included surface water from the Tar River, offsite surface water from the Tar River and sediment collected from the Tar River. However, none of the samples collected were within the existing site boundaries. The SAR indicates that the samples analyzed for RCRA Metals displayed results that were most likely naturally occurring in the region. The SAR also indicated that low concentrations of pesticides, volatiles and semi-volatiles were analyzed in the samples collected but were below NCDEQ thresholds.

Based on the historical use of the site as a landfill, along with groundwater contamination detected during an LSI conducted as part of this Phase I, the Greenville City Landfill is considered a REC.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Exhibit 2 in Appendix A is a Site Diagram of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix E.

General Site Information

Site Reconnaissance				
Field Personnel	Blake Neel			
Reconnaissance Date	March 6, April 18 and May 19, 2017			
Weather Conditions	Variable			
Site Contact/Title	Mr. Lamarco Morrison / Client Representative			
Building Description				
Building Identification	Building Use	Approx. Construction Date	Number of Stories	Approx. Size (ft²)
Vacant building	Fire Department Training	1980	1	800
Site Utilities				
Drinking Water	Not Currently Utilized			
Wastewater	Not Currently Utilized			

5.2 Overview of Current Site Occupants and Operations

The site is located on the north side of East Second Street, approximately 500 feet to the east of the intersection of Cemetery Road and East Second Street in Greenville, Pitt County, North Carolina. Based on information provided by the client or the Pitt County Online Parcel Information System (OPIS), the site consists of a 6-acre tract that is a portion of a larger parcel that is Parcel ID Number 28980. The site is mostly an undeveloped field and/or thinly wooded with the exception of a telecommunication tower compound and an approximately 800 sq/ft vacant building located near the site's southeast property corner.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed or Otherwise Identified
Site Operations, Processes, and Equipment	Emergency generators	X
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/PCBs	Transformers and/or capacitors	
	Other equipment	

Category	Item or Feature	Observed or Otherwise Identified
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wells	

Site Operations, Processes, and Equipment

Emergency generators

One emergency generator was observed within the telecommunication tower compound. The emergency generator was observed to be above an approximately 250-gallon diesel compartment style aboveground storage tank. Terracon did not notice staining around the emergency generator and understands the telecommunication tower is owned by the North Carolina State Highway Patrol (NCSHP) and that any releases from the emergency generator would be addressed by the NCSHP.

Releases or Potential Releases

Trash, debris and/or other waste materials

During our initial site reconnaissance, wind-blown trash was observed across the site in the form of plastic bottles, aluminum cans and plastic wrappers.

Terracon also observed the excavation of six test pits across the site in order to identify what type of material was buried onsite. During our observations, typical house hold trash was observed. See pictures in Appendix E.

Construction/demolition debris and/or dumped fill dirt

Several piles of concrete and wooden pallets were observed near the site's southwest property corner.

5.4 Site Reconnaissance Summary

Terracon observed the site as being mostly undeveloped with the exception of an approximately 800 sf vacant building and a telecommunication tower compound. In addition, Terracon observed an emergency generator within the telecommunication tower compound, windblown trash and construction debris in the form of concrete and wooden pallets.

Based on our site observations, the observed site characteristics are not considered RECs.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	2805 East Second Street (Part of Parent Tract): undeveloped field and/or thinly wooded
East	2900 East Second Street: City of Greenville Sewage Pump Station
South	No Address Listed: Greenwood Cemetery
West	2805 East Second Street (Part of Parent Tract): Vietnam Veterans of America / Cemetery Public Works

Indications of RECs were not observed with the current or historical uses of the adjoining properties.

7.0 ADDITIONAL SERVICES

Based on the information obtained during the historical review, Terracon recommended that test pits be excavated, evenly spread across the site, in order to ascertain the type of material buried onsite. We also recommended soil and groundwater sampling in select areas across the site in order to ascertain whether contamination exists onsite. The test pits and soil and groundwater sampling services, were conducted under Terracon's Supplement to Agreement for Services dated March 27, 2017.

Additional Services Scope of Services

In order to perform the additional services, Terracon performed the following tasks:

- Contacted NC 811 in order to have the public underground utilities located.
- Mobilized to the site with an earthwork subcontractor to excavate six test pits.
- Mobilized to the site with a drilling subcontractor to utilize a geoprobe unit to advance five borings in select areas onsite.
- Collected five soil samples, one from each boring, just above the saturation zone.
- Collected five groundwater samples using a peristaltic pump, one from each boring.
- Analyzed the soil samples and groundwater samples for volatiles using EPA Method 8260, semi-volatiles using EPA Method 8270 and eight RCRA metals.
- The samples were analyzed using a standard turnaround time.
- Issued the findings within this ESA report.

Field Activities

Terracon's field activities were conducted on April 18 (Soil and Groundwater sampling) and May 19, 2017 (Test Pits), under the supervision of Mr. Blake Neel, Staff Scientist of Environmental Services with Terracon. Field activities included the excavation of 6 test pits, advancing five borings using a geoprobe unit, collecting five soil samples and collecting five groundwater samples. These field activities are further discussed below. Please see Exhibit 2 in Appendix A for our Site Diagram indicating boring locations.

Test Pit Excavations

Terracon mobilized to the site on June 2, 2017 in order to meet with our earthwork subcontractor and conduct the excavation of test pits. The test pits were conducted in order to identify what type of material was buried in the former landfill.

The test pits revealed approximately 2.5 to 3 feet of dark brown and gray clayey sands, assumed to be a "cap" over the former landfill. At a depth of approximately 3 feet, we began to encounter a black plastic/woven liner material in the test pits. We assume prior to the closing of the landfill with a dirt cap, this liner was placed across the site.

Underneath the plastic/woven liner, household garbage was observed to a depth of at least 8 feet. The maximum depth reached was limited to eight feet. Among the items observed were plastic wrappers, plastic bottles, paper products, glass bottles, rubber tires and light construction debris in the form of wood or small chunks of concrete near the site's eastern property line. See Exhibit 2 in Appendix A for locations of test pits.

Soil Borings

Drilling services were performed by a State of North Carolina licensed driller using a track-mounted geoprobe unit under the supervision of a Terracon environmental professional. Soil samples were collected using five-foot core barrel samplers. A disposable clear plastic liner in the Geoprobe soil sampler was changed between each boring interval and location. Drilling equipment was cleaned using a high pressure washer prior to beginning the project and before beginning each boring.

Soil samples were collected continuously and observed to document soil lithology, color, moisture content and sensory evidence of impairment. Each soil sample was divided into Zip-lock bags at approximately 2.5 foot intervals.

At the discretion of onsite Terracon personnel, Terracon collected soil samples from the following locations and intervals: SB-1 was collected between 8' to 10' below land surface (bls) near the southeast corner of the former landfill (see Exhibit 2); SB-2 was collected between 8' to 10' bls near the northeast corner of the former landfill; SB-3 was collected between 8' to 10' bls near the northwest corner of the former landfill; SB-4 was collected between 8' to 10' bls near the southwest corner of the former landfill; and SB-5 was collected in the far southern portion of the site along East Second Street in an attempt to compare samples from outside the landfill footprint to the samples collected within the footprint of the former landfill.

The soil samples were collected using gloved hands. The soil samples were then placed in laboratory prepared containers and placed in a cooler with ice.

Groundwater was encountered at a depth of approximately 12-14 feet below ground surface.

Groundwater Sampling

Terracon collected five groundwater samples, one from each boring. The samples were indicated as GW-1, GW-2, GW-3, GW-4 and GW-5 on the chain of custody.

Groundwater samples were collected using a peristaltic pump from temporary wells. The temporary groundwater monitoring wells consisted of a one-inch diameter, ten foot, section of 0.010-inch machine slotted PVC well screen with a 10 foot flush joint PVC riser.

Prior to groundwater sample collection, each temporary well was purged until the groundwater was relatively clear.

Groundwater samples were then collected using a peristaltic pump. Disposable gloves were used and changed at each sample location. Groundwater samples were placed into laboratory prepared jars and placed in a cooler with ice.

The sample cooler containing the soil and groundwater samples and completed chain-of-custody form was relinquished to Pace Analytical, Inc., an analytical laboratory in Huntersville, NC, for analysis using a standard turnaround time.

Following sample collection, each of the borings were properly abandoned using boring cuttings and bentonite pellets from the bottom of the boring to within a foot of the land surface and topped with sand backfill.

Data Evaluation

Soil Data Evaluation

Please see Table 1 below for a comparison of analytical results for constituents analyzed using EPA Method 8260 and 8270 to NCDEQ Soil to Groundwater Maximum Soil Contamination Concentrations (MSCCs), Residential MSCCs and Industrial MSCCs.

Table 1 - EPA 8260 and 8270 Soil Sampling Analytical Summary

EPA 8260 and 8270 Sample Results (mg/kg)									
Sample ID	Acetone	Benzene	Sec-Butylbenzene	Ethylbenzene	Toluene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Xylenes (Total)
SB-1	0.111	ND	ND	ND	ND	ND	ND	ND	ND
SB-2	.374	ND	.0129	ND	ND	ND	ND	ND	ND
SB-3	.786	ND	ND	ND	ND	ND	ND	ND	ND
SB-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-5	.151	ND	ND	ND	ND	ND	ND	ND	ND
Soil to Water Maximum Soil MSCC (mg/kg)	24	0.0056	3.3	4.9	4.3	0.16	.004	3.6	4.6
Residential Soil MSCC (mg/kg)	14,000	18	626	1,560	1,200	313	20	63	3,129
Industrial/ Commercial MSCC (mg/kg)	360,000	164	16,350	40,000	3,200	8,176	100	1,635	81,760

Constituents shaded are above NCDEQs Soil to Water MSCCs. Constituents bolded in red are above the NCDEQ Residential Soil MSCCs. Quantities are reported in mg/kg (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit)

Please see Table 2 below for a comparison of analytical results for eight RCRA metals to NCDEQs Protection of Groundwater preliminary remediation goals (PRG) and their Industrial/Commercial Health Based PRG.

Table 2 Eight RCRA Metals Soil Sampling Analytical Summary

Eight RCRA Metals (mg/kg)								
Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
SB-1	2.1	11.8	ND	7.7	6.8	0.80	ND	0.019
SB-2	2.9	23.8	0.40	6.4	102	ND	ND	0.015
SB-3	ND	22.6	0.19	8.3	53.1	1.4	ND	0.036
SB-4	1.3	29.8	1.4	5.6	48.4	ND	ND	0.27
SB-5	13.9	434	21.2	21.3	3,540	2.5	8.7	0.044
Protection of Groundwater PSRG	5.8	580	3.0	360,000	270	2.1	.004	1.0
Industrial / Commercial Health Based PSRG	3.00	44,000	196	100,000	800	1,160	20	3.13
Pitt County, NC Average Concentrations (mg/kg)	3.552	NE	NE	NE	3,200	0.267	100	0.035

Constituents shaded are above NCDEQs Protection of Groundwater PSRG. Constituents bolded in red are above the NCDEQ Industrial / Commercial Health Based PSRG. Quantities are reported in mg/kg (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); NE = Not Established

Based on the analytical results, the former use of the site as a landfill, documented with residual soil contamination over NCDEQ action levels, is considered a REC associated with the site.

Groundwater Data Evaluation

Please see Table 3 below for a comparison of analytical results for constituents analyzed using EPA Method 8260 and 8270 to NCDEQ 2L Standards.

Table 3 - EPA 8260 and 8270 Groundwater Sampling Analytical Summary

EPA 8260 and 8270 Sample Results (ug/l)									
Sample ID	Benzene	Chloromethane	Chlorobenzene	1,4-Dichlorobenzene	Toluene	Naphthalene	Ethylbenzene	p-Isopropyltoluene	Xylenes (Total)
GW-1	ND	2.2	ND	ND	ND	ND	ND	ND	ND
GW-2	3.6	ND	13.4	1.1	ND	ND	ND	ND	ND
GW-3	2.4	ND	119	2.9	2.2	2.4	4.2	2.0	48.5
GW-4	ND	ND	ND	ND	ND	1.1	ND	ND	24.3
GW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
NC 2L Groundwater Quality Standards (ug/l)	1	3	50	6	600	6	600	25	500
Gross Contamination Levels for Groundwater (ug/l)	5,000	3,000	50,000	6,000	260,000	6,000	84,500	11,700	85,500

Shaded constituents are above NCDEQs Groundwater Quality Standards. Quantities are reported in ug/l (parts per billion); constituents bolded in red are above NCDEQ's Gross Contamination Levels for groundwater; ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND.

Please see Table 4 below for a comparison of analytical results for eight RCRA metals to NCDEQs Protection of Groundwater preliminary remediation goals (PRG) and their Industrial/Commercial Health Based PRG.

Table 4 – Eight RCRA Metals Groundwater Sampling Analytical Summary

Eight RCRA Metals (ug/L)								
Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
GW-1	12.3	607	2.6	23.7	281	ND	ND	1.7
GW-2	11.9	1,600	ND	20.6	176	ND	ND	1.2
GW-3	11.2	183	ND	18.0	12.9	ND	ND	0.34
GW-4	36.7	1,250	11.2	118	1,100	ND	6.2	25.6
GW-5	ND	224	1.1	ND	78.2	ND	ND	ND
NC 2L Groundwater Quality Standards (ug/l)	10	700	2	10	15	20	20	1.0

Constituents shaded are above NCDEQs NC 2L groundwater standards. Quantities are reported in ug/L; ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit)

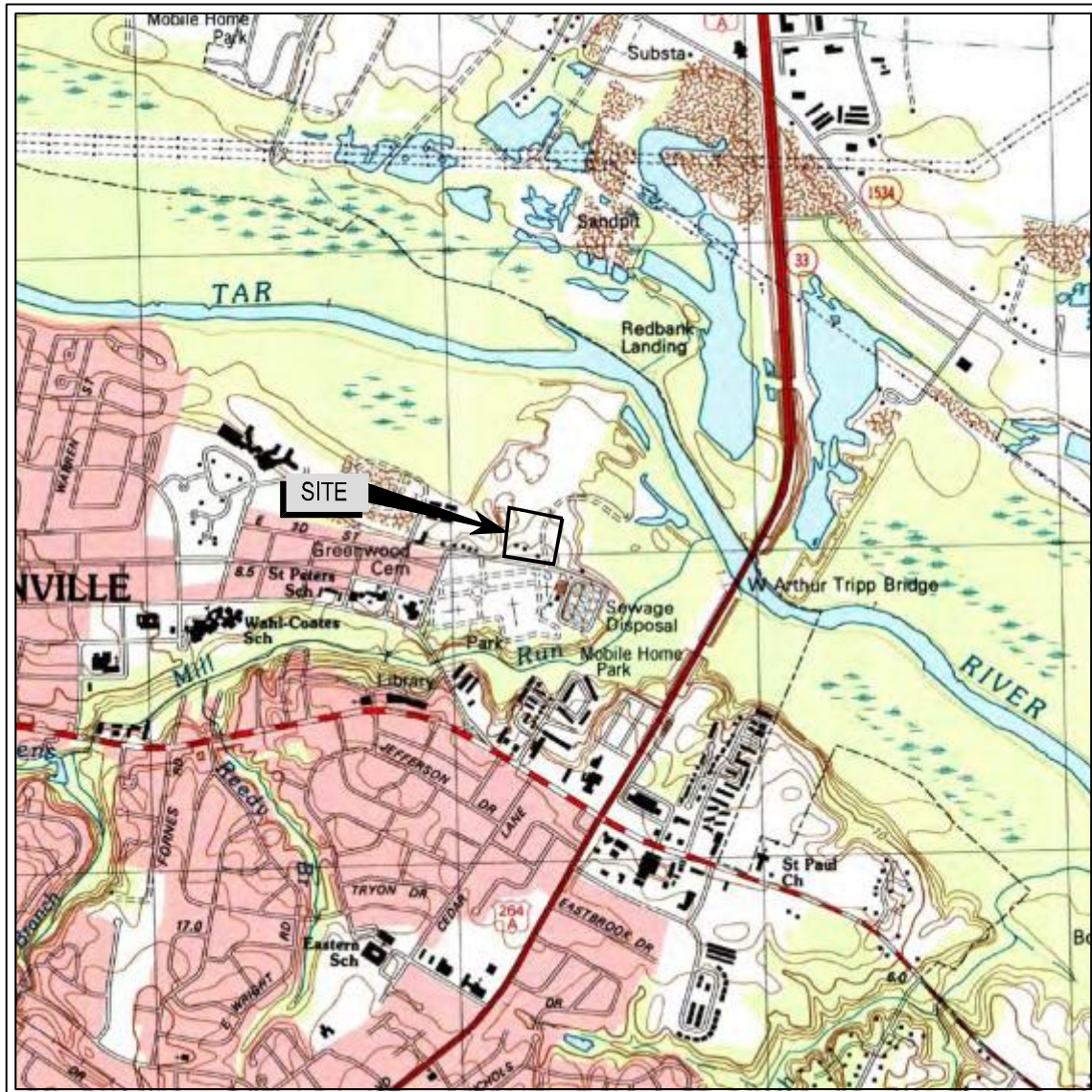
Based on the analytical results, the former use of the site as a landfill, along with residual groundwater contamination over NCDEQ 2L Standards is considered a REC associated with the site.

8.0 DECLARATION

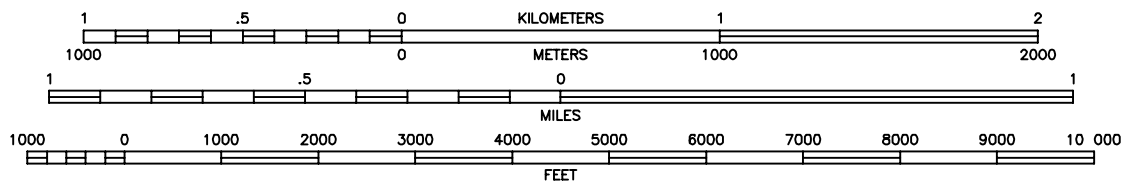
I, Carl F. Bonner, P.E., declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

APPENDIX A
EXHIBIT 1 – TOPOGRAPHIC MAP
EXHIBIT 2 – SITE DIAGRAM

UNITED STATES – DEPARTMENT OF THE INTERIOR – GEOLOGICAL SURVEY



SCALE 1:24 000



CONTOUR INTERVAL 2 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE
GREENVILLE SE, NC
1998
7.5 MINUTE SERIES (TOPOGRAPHIC)

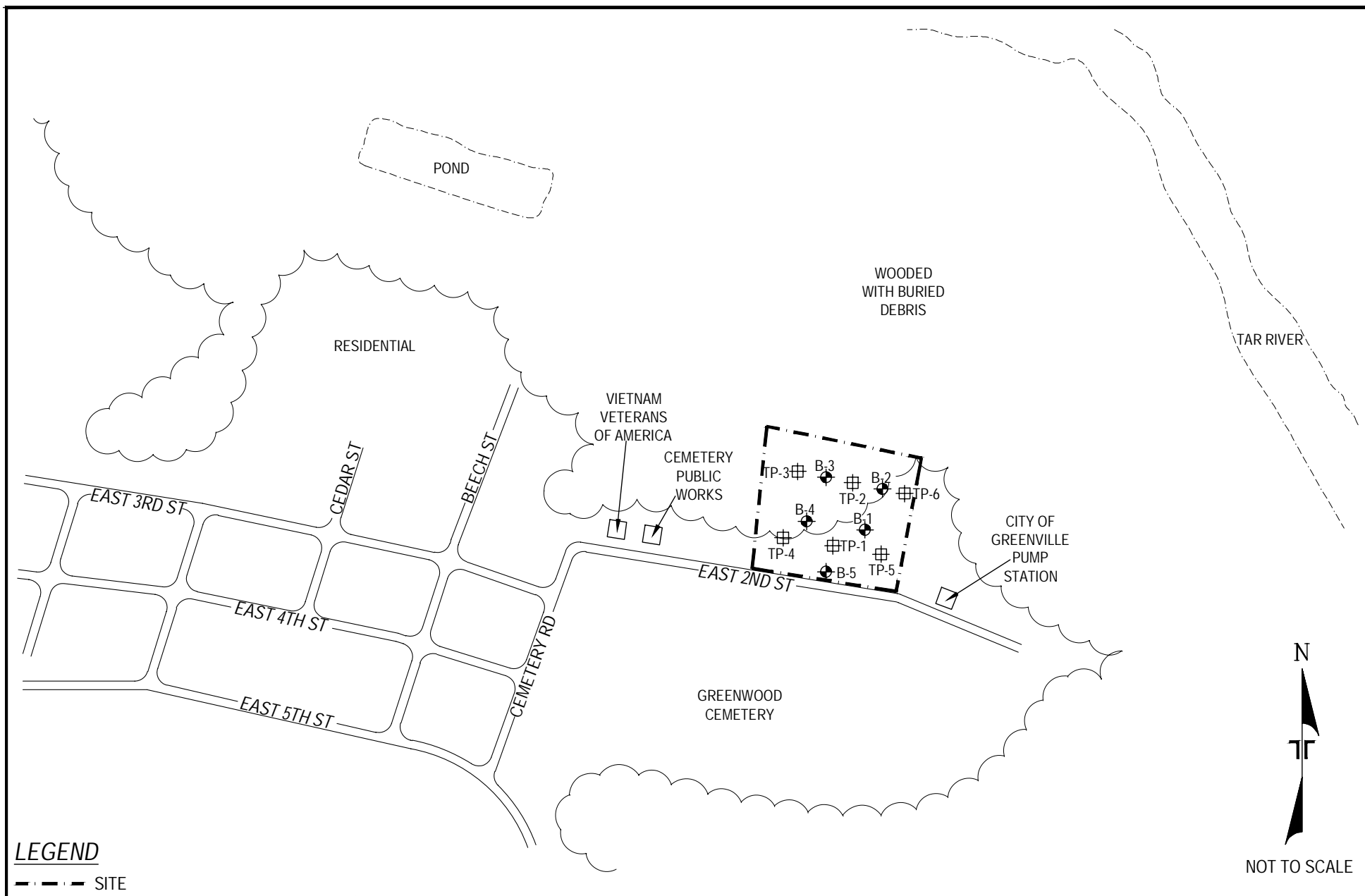


Project Mng:	MN	Project No.	72177015
Drawn By:	JSL	Scale:	AS SHOWN
Checked By:	MRF/MN	File No.	ESA72177015-1
Approved By:	MN	Date:	JULY 2017

Terracon Consulting Engineers and Scientists	
314 Beacon Drive (252) 353-1600	Winterville, NC 28590 (252) 353-0002

TOPOGRAPHIC VICINITY MAP
PHASE I ENVIRONMENTAL SITE ASSESSMENT
EAST SECOND STREET PROPERTY
EAST SECOND STREET
GREENVILLE, PITT COUNTY, NC

EXHIBIT
1



LEGEND

- SITE
- ⊕ APPROXIMATE BORING LOCATION
- ⊕ APPROXIMATE TEST PIT LOCATION

Project Mng:	MN	Project No.	72177015
Drawn By:	JSL	Scale:	AS SHOWN
Checked By:	MRF/MN	File No.	ESA72177015-2
Approved By:	MN	Date:	JULY 2017

Terracon
Consulting Engineers and Scientists

314 Beacon Drive Winterville, NC 28590
(252) 353-1600 (252) 353-0002

SITE DIAGRAM
PHASE I ENVIRONMENTAL SITE ASSESSMENT
EAST SECOND STREET PROPERTY
EAST SECOND STREET
GREENVILLE, PITT COUNTY, NC

EXHIBIT

2

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPENDIX B
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally exempt small quantity generators.
CFR	Code of Federal Regulations

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	Description
CREC	Controlled Recognized Environmental Condition is defined in ASTM E 1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.”
DOT	U.S. Department of Transportation
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a “solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”
HREC	Historical Recognized Environmental Condition is defined in ASTM E 1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.”
ILP	Innocent Landowner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	Description
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	Pico Curies per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in Pico Curies per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave'). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 4.1 of this report.
RCRA CORRACTS/TS Ds	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TS Ds	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. <i>De minimis</i> conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).

Description of Selected General Terms and Acronyms (cont.)

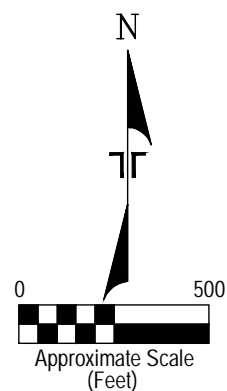
Term/Acronym	Description
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generator.
SWF	Solid Waste Facility
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-05, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound

Term/Acronym	Description
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>

APPENDIX C
HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE

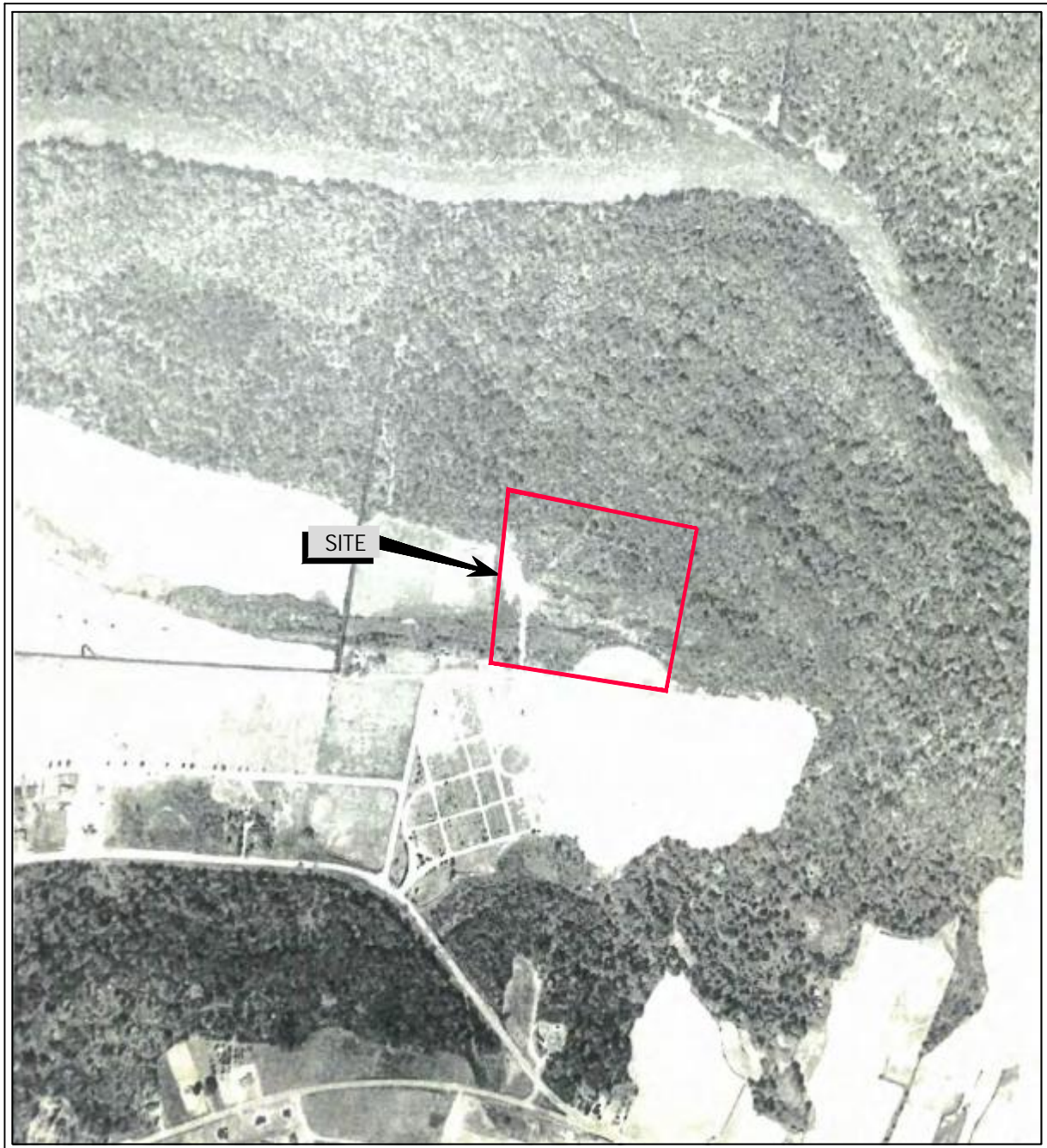


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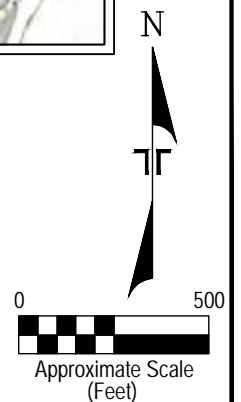


* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	<div> Consulting Engineers and Scientists</div>	<div>AERIAL PHOTOGRAPH PHASE I ENVIRONMENTAL SITE ASSESSMENT EAST SECOND STREET PROPERTY EAST SECOND STREET GREENVILLE, PITT COUNTY, NC</div>	<div>EXHIBIT 1940</div>
Drawn By:	JSL	Scale:	AS SHOWN			
Checked By:	MRF/MN	File No.	ESA72177015-1940			
Approved By:	MN	Date:	JULY 2017			
		314 Beacon Drive Winterville, NC 28590 (252) 353-1600 (252) 353-0002				



1948 AERIAL PHOTOGRAPH

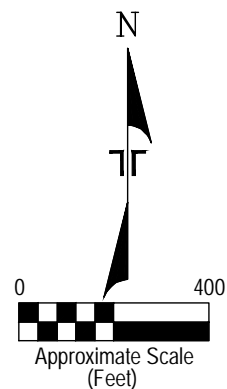


* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	Terracon Consulting Engineers and Scientists 314 Beacon Drive Winterville, NC 28590 (252) 353-1600 (252) 353-0002	AERIAL PHOTOGRAPH	EXHIBIT
Drawn By:	JSL	Scale:	AS SHOWN		PHASE I ENVIRONMENTAL SITE ASSESSMENT	
Checked By:	MRF/MN	File No.	ESA72177015-1948		EAST SECOND STREET PROPERTY	
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET	1948
					GREENVILLE, PITT COUNTY, NC	



1954 AERIAL PHOTOGRAPH

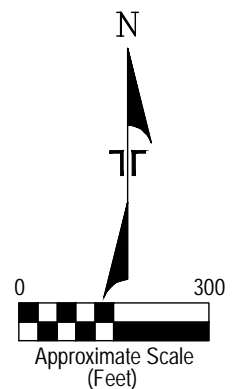


* SITE BOUNDARIES ARE APPROXIMATE

Project Mgr:	MN	Project No.	72177015	Terracon Consulting Engineers and Scientists 314 Beacon Drive Winterville, NC 28590 (252) 353-1600 (252) 353-0002	AERIAL PHOTOGRAPH	EXHIBIT
Drawn By:	JSL	Scale:	AS SHOWN		PHASE I ENVIRONMENTAL SITE ASSESSMENT	
Checked By:	MRF/MN	File No.	ESA72177015-1954		EAST SECOND STREET PROPERTY	
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET	1954
					GREENVILLE, PITT COUNTY, NC	



1963 AERIAL PHOTOGRAPH

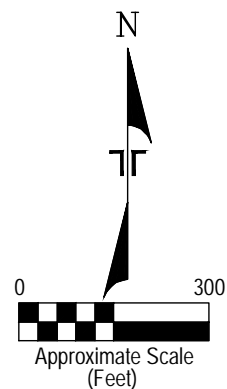


* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	Terracon Consulting Engineers and Scientists 314 Beacon Drive Winterville, NC 28590 (252) 353-1600 (252) 353-0002	AERIAL PHOTOGRAPH	EXHIBIT
Drawn By:	JSL	Scale:	AS SHOWN		PHASE I ENVIRONMENTAL SITE ASSESSMENT	
Checked By:	MRF/MN	File No.	ESA72177015-1963		EAST SECOND STREET PROPERTY	
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET	1963
					GREENVILLE, PITT COUNTY, NC	



1970 AERIAL PHOTOGRAPH

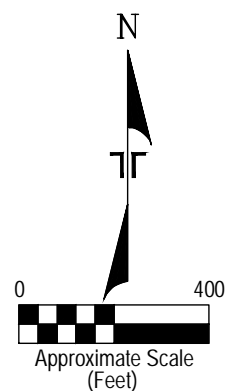


* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	<div><p>Consulting Engineers and Scientists</p></div> <div><div>314 Beacon Drive</div><div>Winterville, NC 28590</div><div>(252) 353-1600</div><div>(252) 353-0002</div></div>	AERIAL PHOTOGRAPH		EXHIBIT
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Checked By:	MRF/MN	File No.	ESA72177015-1970		EAST SECOND STREET PROPERTY		
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET		
					GREENVILLE, PITT COUNTY, NC		
					1970		



1988 AERIAL PHOTOGRAPH

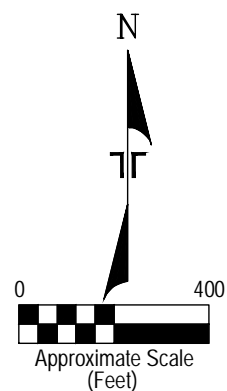


* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	<div><p>Consulting Engineers and Scientists</p></div> <div>314 Beacon Drive Winterville, NC 28590 (252) 353-1600 (252) 353-0002</div>	AERIAL PHOTOGRAPH		EXHIBIT
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Checked By:	MRF/MN	File No.	ESA72177015-1988		EAST SECOND STREET PROPERTY		
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET		
					GREENVILLE, PITT COUNTY, NC		
					1988		



1993 AERIAL PHOTOGRAPH

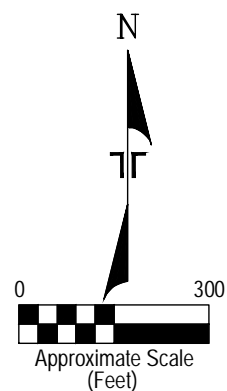


* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	Terracon Consulting Engineers and Scientists 314 Beacon Drive Winterville, NC 28590 (252) 353-1600 (252) 353-0002	AERIAL PHOTOGRAPH	EXHIBIT
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Checked By:	MRF/MN	File No.	ESA72177015-1993		EAST SECOND STREET PROPERTY	
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET	1993
					GREENVILLE, PITT COUNTY, NC	

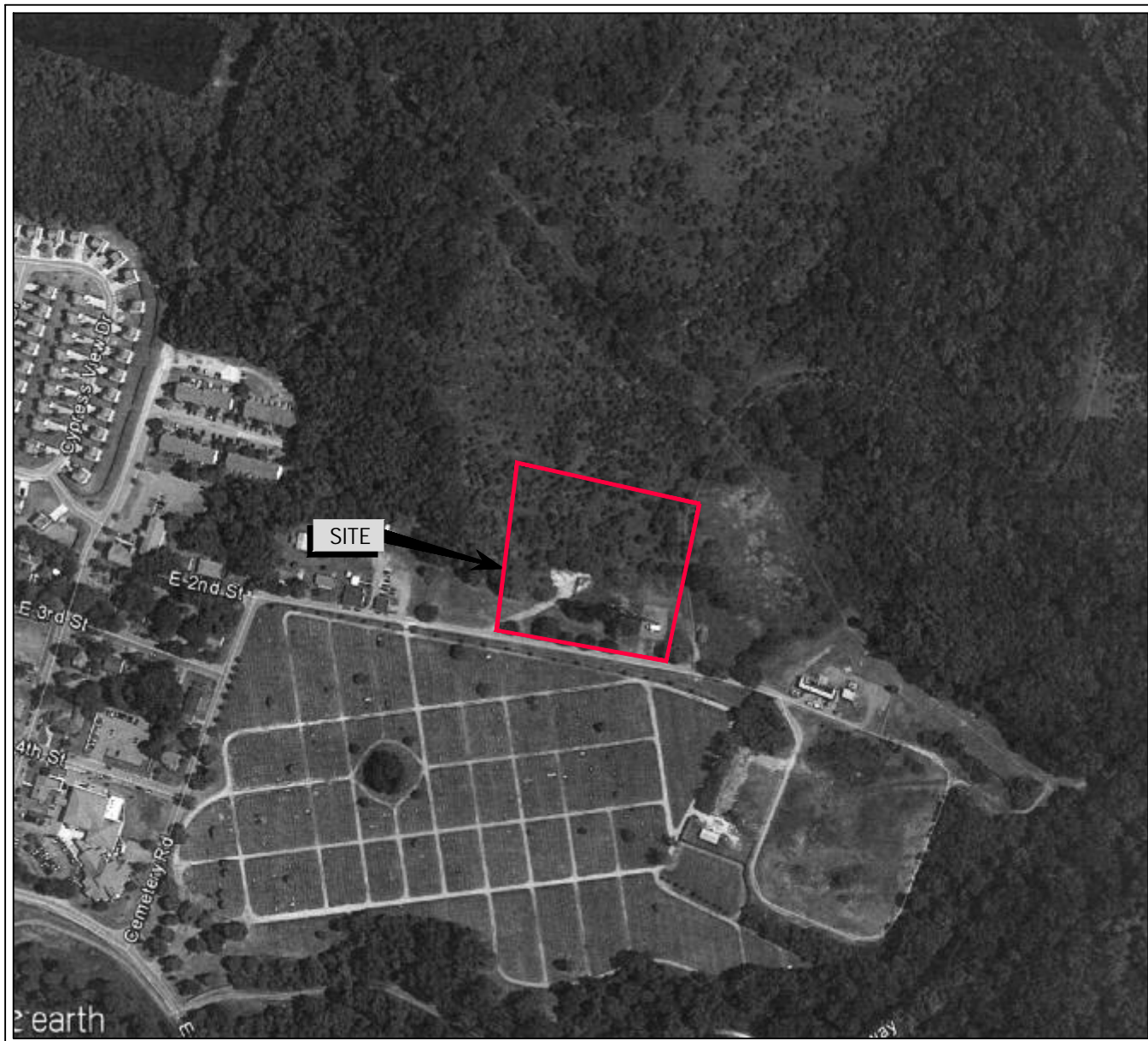


1998 AERIAL PHOTOGRAPH

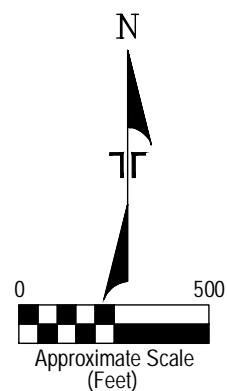


* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	Terracon Consulting Engineers and Scientists 314 Beacon Drive Winterville, NC 28590 (252) 353-1600 (252) 353-0002	AERIAL PHOTOGRAPH	EXHIBIT
Drawn By:	JSL	Scale:	AS SHOWN		PHASE I ENVIRONMENTAL SITE ASSESSMENT	
Checked By:	MRF/MN	File No.	ESA72177015-1998		EAST SECOND STREET PROPERTY	
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET	1998
					GREENVILLE, PITT COUNTY, NC	



2015 AERIAL PHOTOGRAPH



* SITE BOUNDARIES ARE APPROXIMATE

Project Mngr:	MN	Project No.	72177015	<div><div><div>Terracon</div><div>Consulting Engineers and Scientists</div></div><div><div>314 Beacon Drive</div><div>Winterville, NC 28590</div><div>(252) 353-1600</div><div>(252) 353-0002</div></div></div>	AERIAL PHOTOGRAPH		EXHIBIT
Drawn By:	JSL	Scale:	AS SHOWN		PHASE I ENVIRONMENTAL SITE ASSESSMENT		
Checked By:	MRF/MN	File No.	ESA72177015-2015		EAST SECOND STREET PROPERTY		
Approved By:	MN	Date:	JULY 2017		EAST SECOND STREET		
					GREENVILLE, PITT COUNTY, NC		
						2015	

APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION

Proposed Greenville Skate Park

East Second Street

Greenville, NC 27858

Inquiry Number: 4867715.2s

March 02, 2017

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	73
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

EAST SECOND STREET
GREENVILLE, NC 27858

COORDINATES

Latitude (North):	35.6085370 - 35° 36' 30.73"
Longitude (West):	77.3376240 - 77° 20' 15.44"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	288255.2
UTM Y (Meters):	3942847.2
Elevation:	29 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5944944 GREENVILLE SE, NC
Version Date:	2013
North Map:	5945659 GREENVILLE NE, NC
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140706
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
EAST SECOND STREET
GREENVILLE, NC 27858

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.)
					DIRECTION
Reg	GREENVILLE CITY LDFL		NC HSDS	Same	1 ft.
1	GREENVILLE CITY LF	FROM 10TH STREET IN	OLI	Higher	1 ft.
2	JONES RESIDENCE (JUD	2709 EAST 2ND STREET	LUST	Lower	800, 0.152, West
A3	TREVATHAN PROPERTY	2715 E. 4TH STREET	LUST, IMD	Higher	868, 0.164, WSW
A4	MCCLUSKEY PROPERTY (2710 EAST 4TH STREET	LUST	Higher	988, 0.187, WSW
5	LITTLE, SHIRLEY PROP	2603 E THIRD STREET	LUST, IMD	Higher	1385, 0.262, West
6	ST. PETER CATHOLIC C	2605 EAST 4TH STREET	LUST	Higher	1427, 0.270, WSW
B7	GREENVILLE HIGHWAY P	2815 EAST 10TH STREE	IMD	Higher	1838, 0.348, SSW
B8	CC&PS, DIV. OF STATE	2815 EAST 10TH STREE	LUST, UST	Higher	1838, 0.348, SSW
B9	NC HWY PATROL GREENV	2815 E. 10TH ST.	LUST, IMD	Higher	1838, 0.348, SSW
C10	PIRATE'S PIT STOP	2910 E 10TH ST	IMD	Higher	2122, 0.402, South
C11	PIRATE PIT SHOP	2910 E. 10TH STREET	LUST, UST	Higher	2122, 0.402, South
D12	COLONIAL GULF STATIO	2704 E. TENTH STREET	LUST, IMD	Higher	2150, 0.407, SW
13	VALU-STOP #2	2573 E. 10TH STREET	LUST, IMD	Higher	2233, 0.423, SW
E14	BRADDY PROPERTY	2802 EDWARDS STREET	LUST, IMD	Higher	2271, 0.430, SSW
D15	FORBES PROPERTY (BLA	2704 EDWARDS STREET	LUST, IMD	Higher	2310, 0.438, SSW
E16	JAMES MERRITT SITE	2709 JEFFERSON AVENU	LAST, IMD	Higher	2399, 0.454, SSW
F17	SAIEED TRIPLEX (ROBE	301 A,B,C LAUREL STR	LUST, IMD	Higher	2457, 0.465, West
G18	BENNETT RESIDENCE	2402 EAST 4TH STREET	LUST, IMD	Higher	2480, 0.470, West
19	WILLIAMS PROPERTY (J	3010 A & B, E. 10TH	LUST, IMD	Higher	2520, 0.477, South
F20	CHAMBERLAIN RESIDENC	2307 EAST THIRD STRE	LUST, IMD	Higher	2541, 0.481, West
G21	TRIPP RESIDENCE (DOR	401 LAUREL STREET	LUST, IMD	Higher	2558, 0.484, West
F22	MICHAEL COTTER RESID	2308 EAST 3RD STREET	LUST, IMD	Higher	2570, 0.487, West
H23	DORA CRAFT RESIDENCE	2618 JEFFERSON DRIVE	LUST, IMD	Higher	2607, 0.494, SW
F24	WATROUS PROPERTY (BL	305 LAUREL STREET	LUST, IMD	Higher	2629, 0.498, West
H25	FINCH PROPERTY (DIAN	2700 JEFFERSON DRIVE	LUST, IMD	Higher	2637, 0.499, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Inactive Hazardous Sites Inventory

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... List of Solid Waste Facilities

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Petroleum Underground Storage Tank Database

AST..... AST Database

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... No Further Action Sites With Land Use Restrictions Monitoring

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Responsible Party Voluntary Action Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF..... Solid Waste Facility Listing

SWRCY..... Recycling Center Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
 SPILLS..... Spills Incident Listing
 SPILLS 90..... SPILLS 90 data from FirstSearch
 SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
 FUDS..... Formerly Used Defense Sites
 DOD..... Department of Defense Sites
 SCRDRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
 US FIN ASSUR..... Financial Assurance Information
 EPA WATCH LIST..... EPA WATCH LIST
 2020 COR ACTION..... 2020 Corrective Action Program List
 TSCA..... Toxic Substances Control Act
 TRIS..... Toxic Chemical Release Inventory System
 SSTs..... Section 7 Tracking Systems
 ROD..... Records Of Decision
 RMP..... Risk Management Plans
 RAATS..... RCRA Administrative Action Tracking System
 PRP..... Potentially Responsible Parties
 PADS..... PCB Activity Database System
 ICIS..... Integrated Compliance Information System
 FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
 MLTS..... Material Licensing Tracking System
 COAL ASH DOE..... Steam-Electric Plant Operation Data
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
 PCB TRANSFORMER..... PCB Transformer Registration Database
 RADINFO..... Radiation Information Database
 HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
 DOT OPS..... Incident and Accident Data
 CONSENT..... Superfund (CERCLA) Consent Decrees
 INDIAN RESERV..... Indian Reservations
 FUSRAP..... Formerly Utilized Sites Remedial Action Program
 UMTRA..... Uranium Mill Tailings Sites
 LEAD SMELTERS..... Lead Smelter Sites
 US AIRS..... Aerometric Information Retrieval System Facility Subsystem
 US MINES..... Mines Master Index File
 FINDS..... Facility Index System/Facility Registry System
 UXO..... Unexploded Ordnance Sites
 DOCKET HWC..... Hazardous Waste Compliance Docket Listing
 COAL ASH..... Coal Ash Disposal Sites
 DRYCLEANERS..... Drycleaning Sites
 Financial Assurance..... Financial Assurance Information Listing
 NPDES..... NPDES Facility Location Listing
 UIC..... Underground Injection Wells Listing

EXECUTIVE SUMMARY

ABANDONED MINES..... Abandoned Mines
ECHO..... Enforcement & Compliance History Information
FUELS PROGRAM..... EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Auto..... EDR Exclusive Historic Gas Stations
EDR Hist Cleaner..... EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent NPL

NC HSDS: The Hazardous Substance Disposal Sites list contains locations of uncontrolled and unregulated hazardous waste sites. The file contains sites on the national priority list as well as the state priority list. The data source is the North Carolina Center for Geographic Information and Analysis.

A review of the NC HSDS list, as provided by EDR, and dated 08/09/2011 has revealed that there is 1 NC HSDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GREENVILLE CITY LDFL		0 - 1/8 (0.000 mi.)	0	8

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

OLI: Old Landfill Inventory Database.

A review of the OLI list, as provided by EDR, and dated 03/27/2015 has revealed that there is 1 OLI site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GREENVILLE CITY LF Facility Id: NCD980557698	FROM 10TH STREET IN	0 - 1/8 (0.000 mi.)	1	8

State and tribal leaking storage tank lists

LAST: A listing of leaking aboveground storage tank site locations.

A review of the LAST list, as provided by EDR, and dated 07/29/2016 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAMES MERRITT SITE Close Out: 03/10/1997 Incident Number: 16110 Current Status: A	2709 JEFFERSON AVENU	SSW 1/4 - 1/2 (0.454 mi.)	E16	45

LUST: The Leaking Underground Storage Tank Incidents Management Database contains an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environment, & Natural Resources' Incidents by Address.

A review of the LUST list, as provided by EDR, and dated 07/29/2016 has revealed that there are 21 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TREVATHAN PROPERTY Incident Phase: Closed Out Incident Number: 17129 Current Status: File Located in Archives	2715 E. 4TH STREET	WSW 1/8 - 1/4 (0.164 mi.)	A3	10
MCCLUSKEY PROPERTY (Incident Phase: Closed Out Incident Number: 38026 Current Status: File Located in Archives	2710 EAST 4TH STREET	WSW 1/8 - 1/4 (0.187 mi.)	A4	13
LITTLE, SHIRLEY PROP Incident Phase: Closed Out Incident Number: 20932 Current Status: File Located in Archives	2603 E THIRD STREET	W 1/4 - 1/2 (0.262 mi.)	5	14
ST. PETER CATHOLIC C Incident Phase: Closed Out Incident Number: 38370 Current Status: File Located in Archives	2605 EAST 4TH STREET	WSW 1/4 - 1/2 (0.270 mi.)	6	17
CC&PS, DIV. OF STATE	2815 EAST 10TH STREE	SSW 1/4 - 1/2 (0.348 mi.)	B8	21

EXECUTIVE SUMMARY

Incident Phase: Closed Out Incident Number: 16901 Incident Number: 31039 Current Status: File Located in Archives				
NC HWY PATROL GREENV	2815 E. 10TH ST.	SSW 1/4 - 1/2 (0.348 mi.)	B9	27
Incident Phase: Closed Out Incident Number: 24526 Current Status: File Located in House				
PIRATE PIT SHOP	2910 E. 10TH STREET	S 1/4 - 1/2 (0.402 mi.)	C11	30
Incident Phase: Closed Out Incident Number: 5946 Current Status: File Located in House				
COLONIAL GULF STATIO	2704 E. TENTH STREET	SW 1/4 - 1/2 (0.407 mi.)	D12	34
Incident Phase: Closed Out Incident Number: 3694 Current Status: File Located in Archives				
VALU-STOP #2	2573 E. 10TH STREET	SW 1/4 - 1/2 (0.423 mi.)	13	37
Incident Phase: Closed Out Incident Number: 16727 Current Status: File Located in Archives				
BRADDY PROPERTY	2802 EDWARDS STREET	SSW 1/4 - 1/2 (0.430 mi.)	E14	39
Incident Phase: Closed Out Incident Number: 21932 Current Status: File Located in Archives				
FORBES PROPERTY (BLA	2704 EDWARDS STREET	SSW 1/4 - 1/2 (0.438 mi.)	D15	42
Incident Phase: Closed Out Incident Number: 15719 Current Status: File Located in Archives				
SAIEED TRIPLEX (ROBE	301 A,B,C LAUREL STR	W 1/4 - 1/2 (0.465 mi.)	F17	48
Incident Phase: Closed Out Incident Number: 23119 Current Status: File Located in Archives				
BENNETT RESIDENCE	2402 EAST 4TH STREET	W 1/4 - 1/2 (0.470 mi.)	G18	50
Incident Phase: Closed Out Incident Number: 16665 Current Status: File Located in Archives				
WILLIAMS PROPERTY (J	3010 A & B, E. 10TH	S 1/4 - 1/2 (0.477 mi.)	19	53
Incident Phase: Closed Out Incident Number: 22657 Current Status: File Located in Archives				
CHAMBERLAIN RESIDENC	2307 EAST THIRD STRE	W 1/4 - 1/2 (0.481 mi.)	F20	56
Incident Phase: Closed Out Incident Number: 23249 Current Status: File Located in Archives				
TRIPP RESIDENCE (DOR	401 LAUREL STREET	W 1/4 - 1/2 (0.484 mi.)	G21	59
Incident Phase: Follow Up Incident Number: 16845 Current Status: File Located in House				
MICHAEL COTTER RESID	2308 EAST 3RD STREET	W 1/4 - 1/2 (0.487 mi.)	F22	61
Incident Phase: Closed Out Incident Number: 23424				

EXECUTIVE SUMMARY

Current Status: File Located in Archives

DORA CRAFT RESIDENCE **2618 JEFFERSON DRIVE** **SW 1/4 - 1/2 (0.494 mi.)** **H23** **64**

Incident Phase: Closed Out

Incident Number: 13827

Current Status: File Located in Archives

WATROUS PROPERTY (BL **305 LAUREL STREET** **W 1/4 - 1/2 (0.498 mi.)** **F24** **67**

Incident Phase: Closed Out

Incident Number: 20726

Current Status: File Located in Archives

FINCH PROPERTY (DIAN **2700 JEFFERSON DRIVE** **SW 1/4 - 1/2 (0.499 mi.)** **H25** **70**

Incident Phase: Follow Up

Incident Number: 15212

Current Status: File Located in House

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JONES RESIDENCE (JUD Incident Phase: Closed Out Incident Number: 31846 Current Status: File Located in Archives	2709 EAST 2ND STREET	W 1/8 - 1/4 (0.152 mi.)	2	8

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

IMD: Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there are 19 IMD sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TREVATHAN PROPERTY Facility Id: 17129	2715 E. 4TH STREET	WSW 1/8 - 1/4 (0.164 mi.)	A3	10
LITTLE, SHIRLEY PROP Facility Id: 20932	2603 E THIRD STREET	W 1/4 - 1/2 (0.262 mi.)	5	14
GREENVILLE HIGHWAY P Facility Id: 16901 Facility Id: 31039	2815 EAST 10TH STREE	SSW 1/4 - 1/2 (0.348 mi.)	B7	19
NC HWY PATROL GREENV Facility Id: 24526	2815 E. 10TH ST.	SSW 1/4 - 1/2 (0.348 mi.)	B9	27
PIRATE'S PIT STOP Facility Id: 5946	2910 E 10TH ST	S 1/4 - 1/2 (0.402 mi.)	C10	29
COLONIAL GULF STATIO Facility Id: 3694	2704 E. TENTH STREET	SW 1/4 - 1/2 (0.407 mi.)	D12	34
VALU-STOP #2 Facility Id: 16727	2573 E. 10TH STREET	SW 1/4 - 1/2 (0.423 mi.)	13	37
BRADDY PROPERTY	2802 EDWARDS STREET	SSW 1/4 - 1/2 (0.430 mi.)	E14	39

EXECUTIVE SUMMARY

Facility Id: 21932					
FORBES PROPERTY (BLA	2704 EDWARDS STREET	SSW 1/4 - 1/2 (0.438 mi.)	D15	42	
Facility Id: 15719					
JAMES MERRITT SITE	2709 JEFFERSON AVENU	SSW 1/4 - 1/2 (0.454 mi.)	E16	45	
Facility Id: 16110					
SAIEED TRIPLEX (ROBE	301 A,B,C LAUREL STR	W 1/4 - 1/2 (0.465 mi.)	F17	48	
Facility Id: 23119					
BENNETT RESIDENCE	2402 EAST 4TH STREET	W 1/4 - 1/2 (0.470 mi.)	G18	50	
Facility Id: 16665					
WILLIAMS PROPERTY (J	3010 A & B, E. 10TH	S 1/4 - 1/2 (0.477 mi.)	19	53	
Facility Id: 22657					
CHAMBERLAIN RESIDENC	2307 EAST THIRD STRE	W 1/4 - 1/2 (0.481 mi.)	F20	56	
Facility Id: 23249					
TRIPP RESIDENCE (DOR	401 LAUREL STREET	W 1/4 - 1/2 (0.484 mi.)	G21	59	
Facility Id: 16845					
MICHAEL COTTER RESID	2308 EAST 3RD STREET	W 1/4 - 1/2 (0.487 mi.)	F22	61	
Facility Id: 23424					
DORA CRAFT RESIDENCE	2618 JEFFERSON DRIVE	SW 1/4 - 1/2 (0.494 mi.)	H23	64	
Facility Id: 13827					
WATROUS PROPERTY (BL	305 LAUREL STREET	W 1/4 - 1/2 (0.498 mi.)	F24	67	
Facility Id: 20726					
FINCH PROPERTY (DIAN	2700 JEFFERSON DRIVE	SW 1/4 - 1/2 (0.499 mi.)	H25	70	
Facility Id: 15212					

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

CITY LDFL

Database(s)

SEMS-ARCHIVE

OVERVIEW MAP - 4867715.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

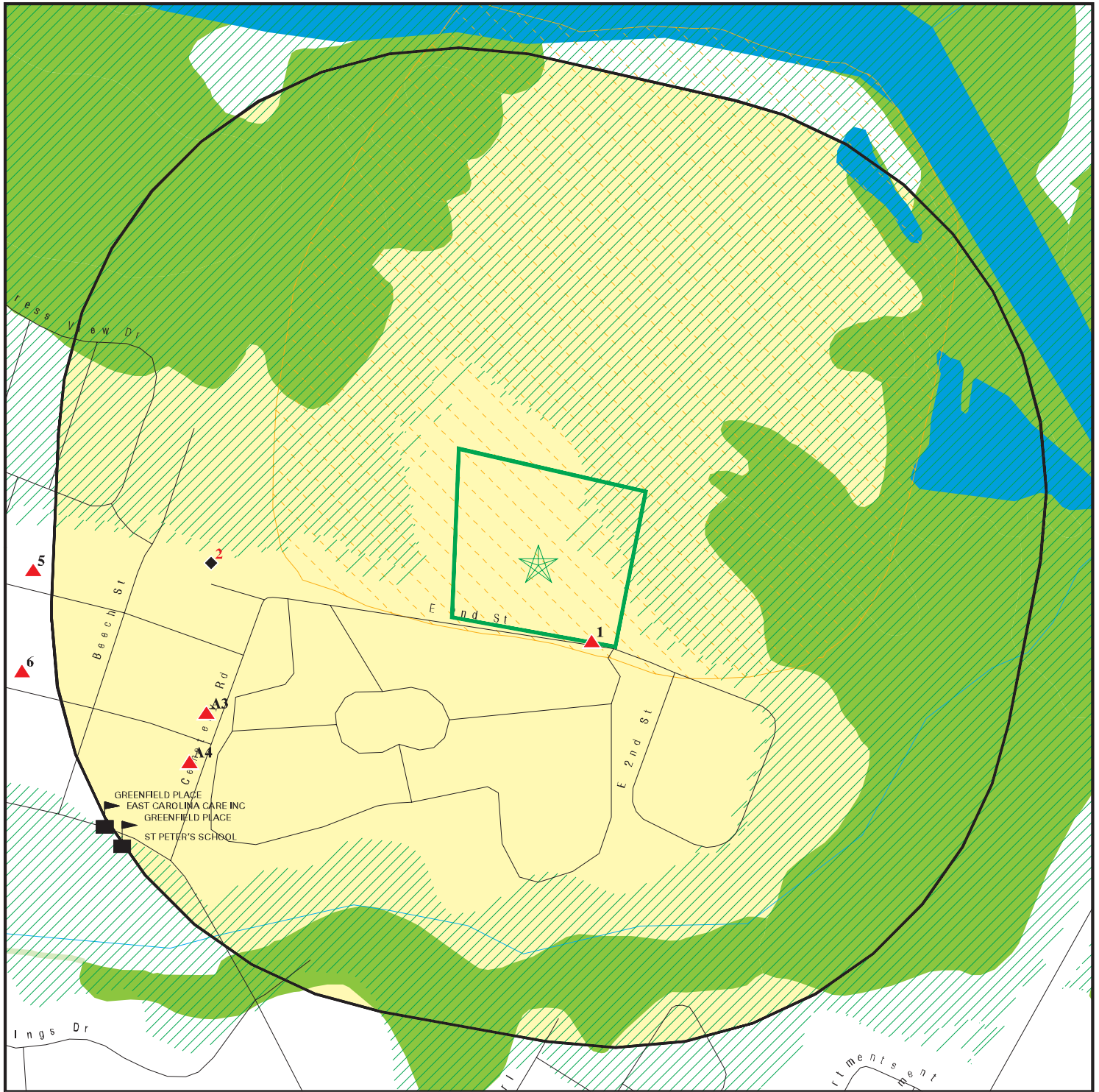
- Hazardous Substance Disposal Sites

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Proposed Greenville Skate Park
 ADDRESS: East Second Street
 Greenville NC 27858
 LAT/LONG: 35.608537 / 77.337624

CLIENT: TAG/Terracon
 CONTACT: Blake Neel
 INQUIRY #: 4867715.2s
 DATE: March 02, 2017 11:20 am

DETAIL MAP - 4867715.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

- Hazardous Substance Disposal Sites

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Proposed Greenville Skate Park
 ADDRESS: East Second Street
 Greenville NC 27858
 LAT/LONG: 35.608537 / 77.337624

CLIENT: TAG/Terracon
 CONTACT: Blake Neel
 INQUIRY #: 4867715.2s
 DATE: March 02, 2017 11:21 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
NC HSDS	1.000		1	0	0	0	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
OLI	0.500		1	0	0	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LAST	0.500		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		0	3	18	NR	NR	21
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		0	1	18	NR	NR	19
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
---------	----	--	----	----	----	----	----	---

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	2	4	37	0	0	43

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

**HSDS
Region**

**GREENVILLE CITY LDFL
, NC**

NC HSDS

**S102442533
N/A**

**< 1/8
1 ft.**

HSDS:

Site Type: Federal
Superfund ID: 980 557 698
Lat/Long: 35 36 37.806273 77 20 11.773030
Total area in coverage units: 369460.65625
Total perimeter in coverage units: 2243.06445312
X-value coordinate in feet: 2494396.25
Y-value coordinate in feet: 681245.4375
Sites designated as superfund cleanup sites: 436
Length of feature in internal units: 2243.06446376
Area of feature in internal units squared: 369460.672244

1

**GREENVILLE CITY LF
FROM 10TH STREET IN GREENVILLE, TURN RIGHT ON 5TH STREET, FO
GREENVILLE, NC**

**OLI S106521463
N/A**

**< 1/8
1 ft.**

NC OLI:

**Relative:
Higher**

Facility ID: NCD980557698
State Plane X: 760256
State Plane Y: 207353

**Actual:
29 ft.**

Other Agency Lead: Not reported
Unable to Locate: Not reported

2

**JONES RESIDENCE (JUDITH)
2709 EAST 2ND STREET
GREENVILLE, NC 27858**

**LUST S108966510
N/A**

**West
1/8-1/4
0.152 mi.
800 ft.**

**Relative:
Lower**

LUST:

Facility ID: Not reported
UST Number: WA-26649
Incident Number: 31846
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 01/15/2008
Date Occur: 01/15/2008
Cleanup: 01/15/2008
Closure Request: Not reported
Close Out: 09/15/2008
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: Not reported
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported

**Actual:
28 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JONES RESIDENCE (JUDITH) (Continued)

S108966510

Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: True
CD Num: 403
Reel Num: 4315
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6085 -77.3412
Testlat: Not reported
Regional Officer Project Mgr: CCS
Region: WAS
Company: Not reported
Contact Person: JUDITH JONES
Telephone: 2524139062
RP Address: 2709 EAST 2ND STREET
RP City,St,Zip: GREENVILLE, NC 27858
RP County: Not reported
Comments: 280 GALLON HEATING OIL UST REMOVAL. SOIL EXCEEDS S-GW MSCCS IN
SIDEWALL NEXT TO FOUNDATION. REMAINING SIDEWALLS AND BASE SAMPLES
CLEAN. GROUNDWATER BDL. WARO REQUESTED ADDITIONAL CONFIRMATION SOIL
SAMPLE. CONFIRMATION SOIL SAMPLE EXCEEDS S-GW MSCCS. LSA REQUESTED
7/4/2008. LSA REC'D 9/10/08. RANKED L15R. NFA LETTER MAILED
9/15/08.SENT FOR ARCHIVING FEBRUARY 2011;
5 Min Quad: Not reported

PIRF:

Facility Id: 31846
Date Occurred: 2008-01-15 00:00:00
Date Reported: 2008-01-15 00:00:00
Description Of Incident: 280 GALLON HOME HEATING OIL UST REMOVAL
Owner/Operator: Not reported
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JONES RESIDENCE (JUDITH) (Continued)

S108966510

Cause: 3
Source: A
Ust Number: P

Last Modified: 2008-09-15 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

A3
WSW
1/8-1/4
0.164 mi.
868 ft.

TREVATHAN PROPERTY
2715 E. 4TH STREET
GREENVILLE, NC 27834

Site 1 of 2 in cluster A

LUST **S102868455**
IMD **N/A**

Relative:
Higher

Actual:
31 ft.

LUST:
Facility ID: Not reported
UST Number: WA-1453
Incident Number: 17129
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 08/08/1995
Date Occur: 06/15/1995
Cleanup: 06/15/1995
Closure Request: Not reported
Close Out: 05/21/1999
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: 03/26/1997
NORR Issue Date: Not reported
Site Priority: 30E
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREVATHAN PROPERTY (Continued)

S102868455

CD Num: 197
Reel Num: 3911
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6083 -77.3486
Testlat: Not reported
Regional Officer Project Mgr: SNH
Region: WAS
Company: DR. EARL G. TREVATHAN
Contact Person: EARL G. TREVATHAN
Telephone: Not reported
RP Address: 242 RIVER BANK LANE
RP City,St,Zip: GREENVILLE, NC 27834
RP County: Not reported
Comments: NFA 5/21/99
5 Min Quad: Not reported

PIRF:

Facility Id: 17129
Date Occurred: 1997-03-25 00:00:00
Date Reported: 1997-04-01 00:00:00
Description Of Incident: SOIL SHOWED 984 MG/KG TPH.
Owner/Operator: EARL G. TREVATHAN
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: 30/E
Priority Update: 1998-05-30 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 2
Pirf/Min Soil: Not reported
Release Code: M27U
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 1999-06-09 00:00:00
Incident Phase: Closed Out
NOV Issued: 1997-08-05 00:00:00
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1999-05-21 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREVATHAN PROPERTY (Continued)

S102868455

IMD:

Region: WAS
Facility ID: 17129
Date Occurred: 6/15/1995
Submit Date: 4/1/1997
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: SOIL SHOWED 984 MG/KG TPH.
Operator: EARL G. TREVATHAN
Contact Phone: Not reported
Owner Company: DR. EARL G. TREVATHAN
Operator Address: 242 RIVER BANK LANE
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC 27834-
Ownership: Private
Operation: Residential
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: L
Site Priority: 30/E
Priority Code: L
Priority Update: 5/30/1998
Dem Contact: SNH
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Responsible Parties
Samples Include: Soil Samples
7.5 Min Quad: Not reported
5 Min Quad: M27U
Latitude: 35.60805555
Longitude: -77.34833333
Latitude Number: 353629
Longitude Number: 772054
Latitude Decimal: 35.6080555555556
Longitude Decimal: 77.3483333333333
GPS: 4
Agency: DWM
Facility ID: 17129
Last Modified: 6/9/1999
Incident Phase: Closed Out
NOV Issued: 8/5/1997
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 5/21/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4 **MCCLUSKEY PROPERTY (FLORENCE)**
WSW **2710 EAST 4TH STREET**
1/8-1/4 **GREENVILLE, NC 27858**
0.187 mi.
988 ft. **Site 2 of 2 in cluster A**

LUST **S110143859**
N/A

Relative:
Higher

LUST:

Actual:
29 ft.

Facility ID: Not reported
UST Number: WA-26848
Incident Number: 38026
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 11/09/2009
Date Occur: 11/09/2009
Cleanup: 11/09/2009
Closure Request: Not reported
Close Out: 02/19/2010
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: Not reported
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: Yes
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 4
RPL: True
CD Num: 454
Reel Num: 4315
RPOW: True
RPOP: True
Error Flag: 0
Error Code: Y
Valid: False
Lat/Long Decimal: 35.6066 -77.3415
Testlat: Not reported
Regional Officer Project Mgr: SNH
Region: WAS
Company: FLORENCE MCCLUSKEY
Contact Person: C/O LAUREL ORTIZ
Telephone: 9149651148
RP Address: 16 BAYLEY AVE. APT. 7
RP City,St,Zip: YONKERS, NY 10705
RP County: Not reported
Comments: (1) 280-GAL HEATING OIL UST REMOVED. SATURATED SOIL ENCOUNTERED ~ 5.5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCCLUSKEY PROPERTY (FLORENCE) (Continued)

S110143859

FEET BLS & GW OBSERVED ~ 8.5 FT BLS. SOIL ABOVE TPH./// SOIL AND GW
RB NON DETECT. NFA 2/19/2010. CD525 ERRATA HAS ADDITIONAL INFORMATION

5 Min Quad:

Not reported

PIRF:

Facility Id: 38026
Date Occurred: 2009-11-09 00:00:00
Date Reported: 2009-11-09 00:00:00
Description Of Incident: 280 GALLON HEATING OIL UST
Owner/Operator: Not reported
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: 3
Source: A
Ust Number: P

Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 2010-02-19 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

5
West
1/4-1/2
0.262 mi.
1385 ft.

LITTLE, SHIRLEY PROPERTY II (TWO)
2603 E THIRD STREET
GREENVILLE, NC 27858

LUST **S105765616**
IMD **N/A**

Relative:
Higher

LUST:

Actual:
31 ft.

Facility ID: Not reported
UST Number: WA-1818
Incident Number: 20932
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 11/26/1999
Date Occur: 09/09/1999
Cleanup: 09/09/1999
Closure Request: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LITTLE, SHIRLEY PROPERTY II (TWO) (Continued)

S105765616

Close Out: 09/07/2000
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 12/02/1999
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: True
CD Num: 197
Reel Num: 3911
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6086 -77.3433
Testlat: Not reported
Regional Officer Project Mgr: SNH
Region: WAS
Company: MRS. SHIRLEY LITTLE
Contact Person: SHIRLEY LITTLE
Telephone: Not reported
RP Address: 200 E ARLINGTON BLVD
RP City,St,Zip: GREENVILLE, NC 27858
RP County: Not reported
Comments: Isa reviewed=low/residential. Can't close w/o deed restrict. Put on hold - 6/14/2000 *NFA 9/7/00*
5 Min Quad: Not reported

PIRF:

Facility Id: 20932
Date Occurred: 1999-09-09 00:00:00
Date Reported: 1999-12-02 00:00:00
Description Of Incident: SAMPLE TAKEN 09/09/1999 INDICATES RELEASE TANK REMOVED 11/20/1999;
Owner/Operator: MRS SHIRLEY LITTLE
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: Not reported
Priority Update: 1999-12-02 00:00:00
Wells Affected Y/N: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LITTLE, SHIRLEY PROPERTY II (TWO) (Continued)

S105765616

Samples Include:	Not reported
7#5 Minute Quad:	Not reported
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	MIN_SOIL
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported
Last Modified:	2000-09-28 00:00:00
Incident Phase:	Closed Out
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	2000-09-07 00:00:00

IMD:

Region:	WAS
Facility ID:	20932
Date Occurred:	9/9/1999
Submit Date:	12/2/1999
GW Contam:	Yes, Groundwater Contamination has been detected
Soil Contam:	No
Incident Desc:	SAMPLE TAKEN 09/09/1999 INDICATES RELEASE TANK REMOVED 11/20/1999;
Operator:	SHIRLEY LITTLE
Contact Phone:	Not reported
Owner Company:	MRS. SHIRLEY LITTLE
Operator Address:	200 E ARLINGTON BLVD
Operator City:	GREENVILLE
Oper City,St,Zip:	GREENVILLE, NC 27858-
Ownership:	Private
Operation:	Residential
Material:	HEATING OIL
Qty Lost 1:	Not reported
Qty Recovered 1:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Residence
Setting:	Residential
Risk Site:	L
Site Priority:	Not reported
Priority Code:	Not reported
Priority Update:	12/2/1999
Dem Contact:	SNH
Wells Affected:	Not reported
Num Affected:	Not reported
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LITTLE, SHIRLEY PROPERTY II (TWO) (Continued)

S105765616

7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.60833333
Longitude: -77.34305555
Latitude Number: 353630
Longitude Number: 772035
Latitude Decimal: 35.60833333333333
Longitude Decimal: 77.34305555555556
GPS: 6
Agency: DWM
Facility ID: 20932
Last Modified: 9/28/2000
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 9/7/2000

6
WSW
1/4-1/2
0.270 mi.
1427 ft.

ST. PETER CATHOLIC CHURCH PROPERTY
2605 EAST 4TH STREET
GREENVILLE, NC 27858

LUST S113486621
N/A

Relative:
Higher

Actual:
30 ft.

LUST:
Facility ID: Not reported
UST Number: WA-27205
Incident Number: 38370
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 03/20/2013
Date Occur: 03/19/2013
Cleanup: 03/19/2013
Closure Request: Not reported
Close Out: 08/19/2013
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: Not reported
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST. PETER CATHOLIC CHURCH PROPERTY (Continued)

S113486621

Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: True
CD Num: 584
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6076 -77.3433
Testlat: Not reported
Regional Officer Project Mgr: CCS
Region: WAS
Company: Roman Catholic Diocese of R
Contact Person: Bishop Michael F. Burbidge
Telephone: 9198219726
RP Address: 715 Nazareth Street
RP City,St,Zip: Raleigh, NC 27606
RP County: Not reported
Comments: 280 GALLON HEATING OIL UST REMOVED. AFTER EXCAVATION, SOIL BELOW S-GW
MSCCS. GW ENCOUNTERED DURING EXCAVATION. GW RESULTS TO FOLLOW IN IAA
REPORT. SENT FOR ARCHIVING JANUARY 2016;
5 Min Quad: Not reported

PIRF:

Facility Id: 38370
Date Occurred: 2013-03-19 00:00:00
Date Reported: 2013-03-20 00:00:00
Description Of Incident: 280 GALLON HEATING OIL UST REMOVED
Owner/Operator: Not reported
Ownership: 4
Operation Type: 4
Type: 4
Location: 8
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: 3
Source: A
Ust Number: P

Last Modified: 2013-08-19 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST. PETER CATHOLIC CHURCH PROPERTY (Continued)

S113486621

45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

B7
SSW
1/4-1/2
0.348 mi.
1838 ft.

GREENVILLE HIGHWAY PATROL - HE
2815 EAST 10TH STREET
GREENVILLE, NC

IMD S102554621
N/A

Site 1 of 3 in cluster B

Relative:
Higher

IMD:

Actual:
44 ft.

Region: WAS
Facility ID: 16901
Date Occurred: 1/2/1997
Submit Date: 2/26/1997
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: WAS1,000 GALLON UST CLOSED IN PALCE. TPH ABOVE REPORTABLE
CONCENTRATION METHOD 3550=171 PPM TPH.
Operator: RONALD FAISON, EQUIP. SUPRTD
Contact Phone: Not reported
Owner Company: CC AND PS DIVISION OF STATE HW
Operator Address: 1300 BLUE RIDGE ROAD
Operator City: RALEIGH
Oper City, St, Zip: RALEIGH, NC 27607-
Ownership: State
Operation: Not reported
Material: WASTE OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Material: HEATING OIL
Qty Lost: Not reported
Qty Recovered: Not reported
Material: GASOLINE
Qty Lost: Not reported
Qty Recovered 3: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Urban
Risk Site: L
Site Priority: 30/E
Priority Code: L
Priority Update: 5/30/1998
Dem Contact: JSB
Wells Affected: Not reported
Num Affected: 0
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.6025

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENVILLE HIGHWAY PATROL - HE (Continued)

S102554621

Longitude: -77.33916666
Latitude Number: 353609
Longitude Number: 772021
Latitude Decimal: 35.6025
Longitude Decimal: 77.339166666667
GPS: 6
Agency: DWM
Facility ID: 16901
Last Modified: 3/8/2001
Incident Phase: Closed Out
NOV Issued: 5/26/1999
NORR Issued: 6/15/1998
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1/29/2001

Region: WAS
Facility ID: 31039
Date Occurred: 5/13/2002
Submit Date: 7/26/2002
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: HEATING OIL TANK REMOVED. SOIL BELOW RES. MSCC BY 8260/8270 AND MADEP
VPH/EPH.
Operator: ERIC MOTZNO
Contact Phone: 9197332220
Owner Company: NCDOT
Operator Address: 4809 BERYL ROAD
Operator City: RALEIGH
Oper City, St, Zip: RALEIGH, NC 27606-
Ownership: State
Operation: Public Service
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: 8
Setting: Not reported
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: JSB
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Y
Samples Include: S
7.5 Min Quad: Not reported
5 Min Quad: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENVILLE HIGHWAY PATROL - HE (Continued)

S102554621

Latitude: 35.6025
Longitude: -77.33916666
Latitude Number: 353609
Longitude Number: 772021
Latitude Decimal: 35.6025
Longitude Decimal: 77.339166666667
GPS: 6
Agency: DWM
Facility ID: Not reported
Last Modified: Not reported
Incident Phase: Not reported
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

B8
SSW
1/4-1/2
0.348 mi.
1838 ft.

CC&PS, DIV. OF STATE HWY. PATROL
2815 EAST 10TH STREET
GREENVILLE, NC 27858

LUST **U003295505**
UST **N/A**

Site 2 of 3 in cluster B

Relative:
Higher

LUST:

Actual:
44 ft.

Facility ID: 00-0-000
UST Number: WA-1437
Incident Number: 16901
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 02/19/1997
Date Occur: 01/02/1997
Cleanup: 01/27/1997
Closure Request: Not reported
Close Out: 01/29/2001
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 02/27/1997
Site Priority: 30E
Phase Of LSA Req: 2
Site Risk Reason: CS
Land Use: Residential
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CC&PS, DIV. OF STATE HWY. PATROL (Continued)

U003295505

LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 3
RPL: True
CD Num: 197
Reel Num: 3911
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6027 -77.3394
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: CC AND PS DIVISION OF STATE HW
Contact Person: RONALD FAISON, EQUIP. SUPRTD
Telephone: Not reported
RP Address: 1300 BLUE RIDGE ROAD
RP City,St,Zip: RALEIGH, NC 27607
RP County: Not reported
Comments: PHASE I LSA RCVD 12/10/98, PHASE II DUE 7/15/99nov; NFA 1/29/01
5 Min Quad: Not reported

PIRF:

Facility Id: 16901
Date Occurred: 1997-01-02 00:00:00
Date Reported: 1997-02-26 00:00:00
Description Of Incident: WAS1,000 GALLON UST CLOSED IN PALCE. TPH ABOVE REPORTABLE CONCENTRATION METHOD 3550=171 PPM TPH.
Owner/Operator: RONALD FAISON, EQUIP. SUPRTD
Ownership: 7
Operation Type: Not reported
Type: 3
Location: 1
Site Priority: 30/E
Priority Update: 1998-05-30 00:00:00
Wells Affected Y/N: Not reported
Samples Include: 0
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Min_Soil
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2001-03-08 00:00:00
Incident Phase: Closed Out
NOV Issued: 1999-05-26 00:00:00
NORR Issued: 1998-06-15 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CC&PS, DIV. OF STATE HWY. PATROL (Continued)

U003295505

SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2001-01-29 00:00:00

Facility ID: 00-0-000
UST Number: WA-4
Incident Number: 31039
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 05/16/2002
Date Occur: 05/13/2002
Cleanup: 05/13/2002
Closure Request: Not reported
Close Out: 08/13/2002
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: B
Of Supply Wells: 0
Commercial/NonCommercial UST Site: BOTH
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: 2
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: True
CD Num: 202
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6027 -77.3394
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: NCDOT
Contact Person: ERIC MOTZNO
Telephone: 9197332220
RP Address: 4809 BERYL ROAD
RP City,St,Zip: RALEIGH, NC 27606
RP County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CC&PS, DIV. OF STATE HWY. PATROL (Continued)

U003295505

Comments: 17 PPM TPH AT ATNK CLOSURE; SOIL TESTED CLEAN BY 8260/8270/MADEP; NFA
08/13/02 WTH

5 Min Quad: Not reported

PIRF:

Facility Id: 31039
Date Occurred: 2002-07-24 00:00:00
Date Reported: 2002-07-26 00:00:00
Description Of Incident: HEATING OIL TANK REMOVED. SOIL BELOW RES. MSCC BY 8260/8270 AND MADEP
VPH/EPH.
Owner/Operator: Not reported
Ownership: 7
Operation Type: 1
Type: 4
Location: 8
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: S
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: Not reported
Source: E
Ust Number: E

Last Modified: Not reported
Incident Phase: Not reported
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

UST:

Facility Id: 00-0-0000021048
Contact: DIV OF HWY PATROL
Contact Address1: 1300 BLUE RIDGE ROAD
Contact Address2: Not reported
Contact City/State/Zip: RALEIGH, NC 27607-3903
FIPS County Desc: Pitt
Latitude: 35.60387
Longitude: -77.34098

Tank Id: 1
Tank Status: Removed
Installed Date: 10/30/1953
Perm Close Date: 12/16/1996
Product Key: 14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CC&PS, DIV. OF STATE HWY. PATROL (Continued)

U003295505

Product Name: Oil, New/Used/Mix
Tank Capacity: 1000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported
Overfill Protection Key: 1
Overfill Protection Name: Unknown
Spill Protection Key: 1
Spill Protection Name: Unknown
Leak Detection Key: -1
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 10/21/1988
Perm Close Date: 04/29/1998
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported
Overfill Protection Key: 1
Overfill Protection Name: Unknown
Spill Protection Key: 1
Spill Protection Name: Unknown
Leak Detection Key: -1
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: A
Tank Status: Removed
Installed Date: 01/01/1953
Perm Close Date: 12/21/1988
Product Key: 2
Product Name: Fuel Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CC&PS, DIV. OF STATE HWY. PATROL (Continued)

U003295505

Tank Capacity: 10000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: No
Tank Construction: Single Wall FRP
Piping Construction: Unknown
Piping System Key: Unknown
Other CP Tank: Not reported
Overfill Protection Key: 1
Overfill Protection Name: Unknown
Spill Protection Key: 1
Spill Protection Name: Unknown
Leak Detection Key: -1
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: A1
Tank Status: Current
Installed Date: 05/04/1998
Perm Close Date: Not reported
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel/FRP
Piping Construction: Single Wall FRP
Piping System Key: Unknown
Other CP Tank: Not reported
Overfill Protection Key: 3
Overfill Protection Name: Auto Shutoff Device
Spill Protection Key: 4
Spill Protection Name: Catchment Basin
Leak Detection Key: 3
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B9 **NC HWY PATROL GREENVILLE**
SSW **2815 E. 10TH ST.**
1/4-1/2 **GREENVILLE, NC 27834**
0.348 mi.
1838 ft. **Site 3 of 3 in cluster B**

LUST **S105548398**
IMD **N/A**

Relative:
Higher

LUST:

Actual:
44 ft.

Facility ID: 00-0-000
UST Number: WA-2238
Incident Number: 24526
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 05/16/2002
Date Occur: 05/16/2002
Cleanup: 05/16/2002
Closure Request: Not reported
Close Out: 08/13/2002
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: Not reported
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: 2
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in House
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 3
RPL: True
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6033 -77.3403
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: NC DOT
Contact Person: ERIC MOTZNO
Telephone: 919-733-2220
RP Address: 4809 BERYL RD
RP City,St,Zip: RALEIGH, NC 27606
RP County: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC HWY PATROL GREENVILLE (Continued)

S105548398

5 Min Quad: Not reported

PIRF:

Facility Id: 24526
Date Occurred: 2002-05-16 00:00:00
Date Reported: 2002-08-19 00:00:00
Description Of Incident: 17 PPM TPH AT TANK CLOSURE
Owner/Operator: ERIC MOTZNO
Ownership: 7
Operation Type: 1
Type: 4
Location: 8
Site Priority: U
Priority Update: 2002-08-20 00:00:00
Wells Affected Y/N: Not reported
Samples Include: Not reported
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: Not reported
Source: E
Ust Number: E

Last Modified: 2002-08-13 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2002-08-13 00:00:00

IMD:

Region: WAS
Facility ID: 24526
Date Occurred: 5/16/2002
Submit Date: 8/19/2002
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: 17 PPM TPH AT TANK CLOSURE
Operator: ERIC MOTZNO
Contact Phone: 919-733-2220
Owner Company: NC DOT
Operator Address: 4809 BERYL RD
Operator City: RALEIGH
Oper City,St,Zip: RALEIGH, NC 27606-
Ownership: State
Operation: Public Service
Material: Not reported
Qty Lost 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NC HWY PATROL GREENVILLE (Continued)

S105548398

Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: 8
Setting: Urban
Risk Site: Not reported
Site Priority: U
Priority Code: Not reported
Priority Update: 8/20/2002
Dem Contact: JSB
Wells Affected: Not reported
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: Not reported
Longitude: Not reported
Latitude Number: Not reported
Longitude Number: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
GPS: 7
Agency: DWM
Facility ID: 24526
Last Modified: 8/19/2002
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 8/13/2002

C10
South
1/4-1/2
0.402 mi.
2122 ft.

PIRATE'S PIT STOP
2910 E 10TH ST
GREENVILLE, NC
Site 1 of 2 in cluster C

IMD S101522847
N/A

Relative:
Higher

IMD:

Actual:
47 ft.

Region: WAS
Facility ID: 5946
Date Occurred: 6/5/1990
Submit Date: 9/28/1990
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: SOIL CONTAM. CONFIRMED BY TEST RESULTS TAKEN DURING TANK REMOVAL.
Operator: C/O BONNYE YORK
Contact Phone: Not reported
Owner Company: FRANCES C. GILES
Operator Address: 1726 HARPER RD.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIRATE'S PIT STOP (Continued)

S101522847

Operator City: ASHEBORO
Oper City,St,Zip: ASHEBORO, NC 27203-
Ownership: Private
Operation: Commercial
Material: GASOLINE
Qty Lost 1: Not reported
Qty Recovered 1: UNK
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Residential
Risk Site: I
Site Priority: 75
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: FTF
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Responsible Parties
Samples Include: Groundwater Samples
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.60166666
Longitude: -77.33805555
Latitude Number: 353606
Longitude Number: 772017
Latitude Decimal: 35.601666666667
Longitude Decimal: 77.338055555556
GPS: 6
Agency: DWM
Facility ID: 5946
Last Modified: 7/26/1993
Incident Phase: Follow Up
NOV Issued: 9/21/1990
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

C11
South
1/4-1/2
0.402 mi.
2122 ft.
PIRATE PIT SHOP
2910 E. 10TH STREET
GREENVILLE, NC 27834
Site 2 of 2 in cluster C

LUST **U003145158**
UST **N/A**

Relative: **LUST:**
Higher Facility ID: 00-0-000
UST Number: WA-185
Incident Number: 5946
Contamination Type: GW
Source Type: Leak-underground

Actual:
47 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIRATE PIT SHOP (Continued)

U003145158

Product Type: P
Date Reported: 09/28/1990
Date Occur: 06/05/1990
Cleanup: 06/05/1990
Closure Request: Not reported
Close Out: 10/12/2006
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: I
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: 2
Site Risk Reason: CG
Land Use: Residential
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in House
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 3
RPL: True
CD Num: 0
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6016 -77.3382
Testlat: Not reported
Regional Officer Project Mgr: FTF
Region: WAS
Company: FRANCES C. GILES
Contact Person: C/O BONNYE YORK
Telephone: Not reported
RP Address: 1726 HARPER RD.
RP City,St,Zip: ASHEBORO, NC 27203
RP County: Not reported
Comments: U-HAUL RENTALS; SENT TO CO ON 12-14-2005;
5 Min Quad: Not reported

PIRF:

Facility Id: 5946
Date Occurred: 1990-06-05 00:00:00
Date Reported: 1990-09-28 00:00:00
Description Of Incident: SOIL CONTAM. CONFIRMED BY TEST RESULTS TAKEN DURING TANK REMOVAL.
Owner/Operator: TRAVIS FLANAGAN/GREENVILLE OIL
Ownership: 4
Operation Type: 6
Type: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIRATE PIT SHOP (Continued)

U003145158

Location: 1
Site Priority: 75
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 1
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2006-10-12 00:00:00
Incident Phase: Closed Out
NOV Issued: 1990-09-21 00:00:00
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

UST:

Facility Id: 00-0-0000018287
Contact: GREENVILLE OIL CO. INC.
Contact Address1: 1203 W. 14TH ST. P.O. BOX 1237
Contact Address2: Not reported
Contact City/State/Zip: GREENVILLE, NC 27834
FIPS County Desc: Pitt
Latitude: 0
Longitude: 0

Tank Id: 1
Tank Status: Removed
Installed Date: 04/13/1970
Perm Close Date: 05/31/1990
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported
Overfill Protection Key: 1
Overfill Protection Name: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIRATE PIT SHOP (Continued)

U003145158

Spill Protection Key: 1
Spill Protection Name: Unknown
Leak Detection Key: -1
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 04/13/1970
Perm Close Date: 05/31/1990
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported
Overfill Protection Key: 1
Overfill Protection Name: Unknown
Spill Protection Key: 1
Spill Protection Name: Unknown
Leak Detection Key: -1
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 3
Tank Status: Removed
Installed Date: 04/13/1970
Perm Close Date: 05/31/1990
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported
Overfill Protection Key: 1
Overfill Protection Name: Unknown
Spill Protection Key: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIRATE PIT SHOP (Continued)

U003145158

Spill Protection Name: Unknown
Leak Detection Key: -1
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

D12 **COLONIAL GULF STATION/MM FOWLER**
SW **2704 E. TENTH STREET**
1/4-1/2 **GREENVILLE, NC 27834**
0.407 mi.
2150 ft. **Site 1 of 2 in cluster D**

LUST **S101167370**
IMD **N/A**

Relative:
Higher

LUST:

Actual:
55 ft.

Facility ID: 00-0-000
UST Number: WA-73
Incident Number: 3694
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 07/08/1988
Date Occur: 07/08/1988
Cleanup: 07/08/1988
Closure Request: 1998-09-16 00:00:00
Close Out: 01/14/1999
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: C
NOV Issue Date: 07/28/1988
NORR Issue Date: Not reported
Site Priority: 70D
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 3
RPL: False
CD Num: 195
Reel Num: 3911
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6033 -77.3452
Testlat: Not reported
Regional Officer Project Mgr: SNH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLONIAL GULF STATION/MM FOWLER (Continued)

S101167370

Region: WAS
Company: M.M FOWLER, INC
Contact Person: TOM LINDLEY
Telephone: Not reported
RP Address: P.O. BOX 1090
RP City,St,Zip: DURHAM, NC 27702
RP County: Not reported
Comments: CLOSED OUT - *NFA*
5 Min Quad: Not reported

PIRF:

Facility Id: 3694
Date Occurred: 1988-07-08 00:00:00
Date Reported: 1988-07-22 00:00:00
Description Of Incident: REPLACING TANKS AT STATION AND FOUND FREE PRODUCT IN THE EXCAVATION.
Owner/Operator: TOM LINDLEY
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: 70/D
Priority Update: 1988-07-10 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 4
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 1999-01-26 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 1998-06-18 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1999-01-14 00:00:00

IMD:

Region: WAS
Facility ID: 3694
Date Occurred: 7/8/1988
Submit Date: 7/22/1988
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: REPLACING TANKS AT STATION AND FOUND FREE PRODUCT IN THE EXCAVATION.
Operator: TOM LINDLEY
Contact Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLONIAL GULF STATION/MM FOWLER (Continued)

S101167370

Owner Company: M.M FOWLER, INC
Operator Address:P.O. BOX 1090
Operator City: DURHAM
Oper City,St,Zip: DURHAM, NC 27702-
Ownership: Private
Operation: Commercial
Material: GASOLINE
Qty Lost 1: Not reported
Qty Recovered 1: 50 GALS.
Material: DIESEL
Qty Lost: Not reported
Qty Recovered: Not reported
Material: WASTE OIL
Qty Lost: Not reported
Qty Recovered 3: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Urban
Risk Site: L
Site Priority: 70/D
Priority Code: L
Priority Update: 7/10/1998
Dem Contact: SNH
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Other
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.60305555
Longitude: -77.345
Latitude Number: 353611
Longitude Number: 772042
Latitude Decimal: 35.6030555555556
Longitude Decimal: 77.345
GPS: 7
Agency: DWM
Facility ID: 3694
Last Modified: 1/26/1999
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 6/18/1998
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1/14/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13
SW
1/4-1/2
0.423 mi.
2233 ft.

VALU-STOP #2
2573 E. 10TH STREET
GREENVILLE, NC 27834

LUST **S102443496**
IMD **N/A**

Relative:
Higher

LUST:

Actual:
55 ft.

Facility ID: 00-0-000
UST Number: WA-1418
Incident Number: 16727
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 01/13/1997
Date Occur: 12/12/1996
Cleanup: 12/12/1996
Closure Request: Not reported
Close Out: 06/16/2005
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: R
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: 40E
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 3
RPL: True
CD Num: 266
Reel Num: 4062
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6030 -77.3380
Testlat: Not reported
Regional Officer Project Mgr: SNH
Region: WAS
Company: CARAWAN OIL COMPANY
Contact Person: TOM CARAWAN
Telephone: Not reported
RP Address: P.O. BOX 141
RP City,St,Zip: GREENVILLE, NC 27834
RP County: Not reported
Comments: SAR DUE 12/22/98

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALU-STOP #2 (Continued)

S102443496

5 Min Quad: Not reported

PIRF:

Facility Id: 16727
Date Occurred: 1996-12-12 00:00:00
Date Reported: 1997-01-16 00:00:00
Description Of Incident: ONE 1,000 GALLON KEROSENE AND ONE 1,000 DIESEL WAS REMOVED. TPH AT 3,803 PPM.
Owner/Operator: TOM CARAWAN
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: 40/E
Priority Update: 1999-03-31 00:00:00
Wells Affected Y/N: Not reported
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 2
Pirf/Min Soil: Not reported
Release Code: M24T
Source Code: Min_Soil
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 1998-10-19 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 1998-09-21 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

IMD:

Region: WAS
Facility ID: 16727
Date Occurred: 12/12/1996
Submit Date: 1/16/1997
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: ONE 1,000 GALLON KEROSENE AND ONE 1,000 DIESEL WAS REMOVED. TPH AT 3,803 PPM.
Operator: TOM CARAWAN
Contact Phone: Not reported
Owner Company: CARAWAN OIL COMPANY
Operator Address: P.O. BOX 141
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC 27834-
Ownership: Private
Operation: Commercial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALU-STOP #2 (Continued)

S102443496

Material: KEROSENE/DIESEL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Urban
Risk Site: L
Site Priority: 40/E
Priority Code: L
Priority Update: 3/31/1999
Dem Contact: SNH
Wells Affected: Not reported
Num Affected: 0
Wells Contam: Not reported
Sampled By: Responsible Parties
Samples Include: Soil Samples
7.5 Min Quad: Not reported
5 Min Quad: M24T
Latitude: 35.60333333
Longitude: -77.34111111
Latitude Number: 353612
Longitude Number: 772028
Latitude Decimal: 35.6033333333333
Longitude Decimal: 77.3411111111111
GPS: 7
Agency: DWM
Facility ID: 16727
Last Modified: 10/19/1998
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 9/21/1998
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

E14
SSW
1/4-1/2
0.430 mi.
2271 ft.

BRADY PROPERTY
2802 EDWARDS STREET
GREENVILLE, NC 27858

LUST **S104547379**
IMD **N/A**

Site 1 of 2 in cluster E

Relative:
Higher

LUST:
Facility ID: Not reported
UST Number: WA-1886
Incident Number: 21932
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 06/15/2000
Date Occur: 04/24/2000
Cleanup: 04/24/2000

Actual:
50 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADDY PROPERTY (Continued)

S104547379

Closure Request: Not reported
Close Out: 02/13/2001
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: U
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 06/27/2000
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: True
CD Num: 199
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6025 -77.3416
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: Not reported
Contact Person: MS. RUTH BRADDY
Telephone: 2527560730
RP Address: 1862 QUAIL RIDGE ROAD
RP City,St,Zip: GREENVILLE, NC 27858
RP County: PITT
Comments: LSA DUE 10/30/2000NFA 2/13/2001
5 Min Quad: Not reported

PIRF:

Facility Id: 21932
Date Occurred: 2000-04-24 00:00:00
Date Reported: 2000-07-10 00:00:00
Description Of Incident: TPH WAS 4920 PPM. REMOVED HEATING OIL UST.
Owner/Operator: RUTH BRADDY
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: Not reported
Priority Update: 2000-07-10 00:00:00
Wells Affected Y/N: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADY PROPERTY (Continued)

S104547379

Samples Include:	Not reported
7#5 Minute Quad:	3
5 Minute Quad:	2
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	PIRF
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported
Last Modified:	2001-02-13 00:00:00
Incident Phase:	Closed Out
NOV Issued:	Not reported
NORR Issued:	2000-06-27 00:00:00
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	2001-02-13 00:00:00

IMD:

Region:	WAS
Facility ID:	21932
Date Occurred:	4/24/2000
Submit Date:	7/10/2000
GW Contam:	Yes, Groundwater Contamination has been detected
Soil Contam:	No
Incident Desc:	TPH WAS 4920 PPM. REMOVED HEATING OIL UST.
Operator:	MS. RUTH BRADY
Contact Phone:	2527560730
Owner Company:	Not reported
Operator Address:	1862 QUAIL RIDGE ROAD
Operator City:	GREENVILLE
Oper City,St,Zip:	GREENVILLE, NC 27858-
Ownership:	Private
Operation:	Residential
Material:	HEATING OIL
Qty Lost 1:	Not reported
Qty Recovered 1:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Residence
Setting:	Residential
Risk Site:	Unknown
Site Priority:	Not reported
Priority Code:	Not reported
Priority Update:	7/10/2000
Dem Contact:	JSB
Wells Affected:	Not reported
Num Affected:	Not reported
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADY PROPERTY (Continued)

S104547379

7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.6025
Longitude: -77.34138888
Latitude Number: 353609
Longitude Number: 772029
Latitude Decimal: 35.6025
Longitude Decimal: 77.341388888889
GPS: 6
Agency: DWM
Facility ID: 21932
Last Modified: 2/13/2001
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2/13/2001

D15
SSW
1/4-1/2
0.438 mi.
2310 ft.

FORBES PROPERTY (BLANCHE)
2704 EDWARDS STREET
GREENVILLE, NC 27858

Site 2 of 2 in cluster D

LUST
IMD
S102089527
N/A

Relative:
Higher

LUST:

Actual:
52 ft.

Facility ID: Not reported
UST Number: WA-1355
Incident Number: 15719
Contamination Type: SL
Source Type: Leak-underground
Product Type: P
Date Reported: 06/19/1996
Date Occur: 06/04/1996
Cleanup: 06/04/1996
Closure Request: Not reported
Close Out: 09/03/2004
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: U
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: 07/26/1996
NORR Issue Date: Not reported
Site Priority: 30E
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORBES PROPERTY (BLANCHE) (Continued)

S102089527

Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: False
CD Num: 235
Reel Num: 3995
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6027 -77.3430
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: BLANCHE FORBES
Contact Person: BLANCHE FORBES
Telephone: 2527563438
RP Address: 1901 RED BUD CIR
RP City,St,Zip: GREENVILLE, NC 27858
RP County: Not reported
Comments: LSA DUE 12/15/01; NFA 9/3/04
5 Min Quad: Not reported

PIRF:

Facility Id: 15719
Date Occurred: 1996-06-04 00:00:00
Date Reported: 1996-06-28 00:00:00
Description Of Incident: UPON REMOVAL OF HEATING OIL TANK, SOIL CONTAM. WAS CONFIRMED.
Owner/Operator: BLANCHE FORBES
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: 30/E
Priority Update: 1998-05-30 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 2
Pirf/Min Soil: Not reported
Release Code: M24U
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2004-09-03 00:00:00
Incident Phase: Closed Out
NOV Issued: 1996-06-26 00:00:00
NORR Issued: 2004-09-03 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORBES PROPERTY (BLANCHE) (Continued)

S102089527

Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

IMD:

Region:	WAS
Facility ID:	15719
Date Occurred:	6/4/1996
Submit Date:	6/28/1996
GW Contam:	No Groundwater Contamination detected
Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF HEATING OIL TANK, SOIL CONTAM. WAS CONFIRMED.
Operator:	BLANCHE FORBES
Contact Phone:	2527563438
Owner Company:	BLANCHE FORBES
Operator Address:	1901 RED BUD CIR
Operator City:	GREENVILLE
Oper City,St,Zip:	GREENVILLE, NC 27858-
Ownership:	Private
Operation:	Residential
Material:	HEATING OIL
Qty Lost 1:	Not reported
Qty Recovered 1:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Residence
Setting:	Residential
Risk Site:	Unknown
Site Priority:	30/E
Priority Code:	L
Priority Update:	5/30/1998
Dem Contact:	JSB
Wells Affected:	No
Num Affected:	0
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
7.5 Min Quad:	Not reported
5 Min Quad:	M24U
Latitude:	35.6025
Longitude:	-77.34277777
Latitude Number:	353609
Longitude Number:	772034
Latitude Decimal:	35.6025
Longitude Decimal:	77.342777777778
GPS:	6
Agency:	DWM
Facility ID:	15719
Last Modified:	7/29/1996
Incident Phase:	Closed Out
NOV Issued:	6/26/1996
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORBES PROPERTY (BLANCHE) (Continued)

S102089527

Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

E16
SSW
1/4-1/2
0.454 mi.
2399 ft.
JAMES MERRITT SITE
2709 JEFFERSON AVENUE
GREENVILLE, NC 27858
Site 2 of 2 in cluster E

LAST
IMD
S105912149
N/A

Relative:
Higher

LAST:

Actual:
48 ft.

Facility ID: Not reported
UST Number: WA-16110
Incident Number: 16110
Contamination Type: SL
Source Type: 19
Product Type: P
Date Reported: 07/09/1996
Date Occur: 07/09/1996
Cleanup: 07/09/1996
Closure Request: Not reported
Close Out: 03/10/1997
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: N
Risk Classification: Not reported
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: 30
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: RES
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: A
RBCA GW: Not reported
PETOPT: 4
RPL: False
CD Num: 296
Reel Num: 4062
RPOW: True
RPOP: True
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long: 35 3 360 77 19 59.94
Lat/Long Decimal: 35.60000 -77.33333

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMES MERRITT SITE (Continued)

S105912149

Testlat: Not reported
Regional Officer Project Mgr: SNH
Region: WAS
Company: Not reported
Contact Person: JAMES MERRITT
Telephone: Not reported
RP Address: 206 AVALON LANE
RP City,St,Zip: GREENVILLE, NC 27858
RP County: Not reported
Comments: 2709 JEFFERSON STILL HAS HIGH DIESEL (7/11/97) HOWEVER 2814 JEFFERSON IS CLEAN.
5 Min Quad: Not reported

PIRF:

Facility Id: 16110
Date Occurred: Not reported
Date Reported: Not reported
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 5
Operation Type: 5
Type: Not reported
Location: Not reported
Site Priority: 30E
Priority Update: Not reported
Wells Affected Y/N: N
Wells Affected Number: 0
Samples Taken By: Not reported
Samples Include: Not reported
7#5 Min Quad: Not reported
5 Min Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Cause: Not reported
Source: Not reported
Source Type: 1

Last Modified: 3/10/1997
Incident Phase: CO
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 5/10/1997

IMD:

Region: WAS
Facility ID: 16110
Date Occurred: 7/9/1996
Submit Date: 4/11/2002
GW Contam: No data entered (data entry person submitted a blank field)
Soil Contam: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMES MERRITT SITE (Continued)

S105912149

Incident Desc: 2709 JEFFERSON STILL HAS HIGH DIESEL (7/11/97) HOWEVER 2814 JEFFERSON IS CLEAN.
Operator: MERRITT, JAMES
Contact Phone: Not reported
Owner Company: Not reported
Operator Address: 206 AVALON LANE
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC
Ownership: Federal
Operation: Industrial
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Spill-surface
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: No
Site Priority: 30
Priority Code: E
Priority Update: Not reported
Dem Contact: DLM
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.6
Longitude: -77.333333
Latitude Number: Not reported
Longitude Number: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
GPS: EST
Agency: DWQ
Facility ID: 16110
Last Modified: 4/11/2002
Incident Phase: Closed Out
NOV Issued: 7/15/1996
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 5/10/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F17
West
1/4-1/2
0.465 mi.
2457 ft.

SAIEED TRIPLEX (ROBERT)
301 A,B,C LAUREL STREET
GREENVILLE, NC 27858

Site 1 of 4 in cluster F

LUST
IMD

S105120176
N/A

Relative:
Higher

LUST:

Actual:
33 ft.

Facility ID: Not reported
UST Number: WA-1992
Incident Number: 23119
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 03/19/2001
Date Occur: 03/19/2001
Cleanup: 03/19/2001
Closure Request: Not reported
Close Out: 05/13/2003
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: Not reported
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 04/16/2001
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: 05/02/2003
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: True
CD Num: 200
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6080 -77.3472
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: Not reported
Contact Person: ROBERT SAIEED
Telephone: 2527565007
RP Address: 105 CHESHIRE DRIVE
RP City,St,Zip: GREENVILLE, NC 27858
RP County: PITT
Comments: LSA NORR SENT 4/16/01, LSA received, low risk - nrp requested - kcs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAIEED TRIPLEX (ROBERT) (Continued)

S105120176

5 Min Quad: Not reported

PIRF:

Facility Id: 23119
Date Occurred: 2001-03-19 00:00:00
Date Reported: 2001-04-19 00:00:00
Description Of Incident: SOIL CONTAMINATION DISCOVERED DURING UST CLOSURE
Owner/Operator: ROBERT SAIEED
Ownership: 4
Operation Type: 3
Type: 4
Location: Not reported
Site Priority: U
Priority Update: 2001-04-19 00:00:00
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2003-05-13 00:00:00
Incident Phase: Closed Out
NOV Issued: 2001-11-01 00:00:00
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

IMD:

Region: WAS
Facility ID: 23119
Date Occurred: 3/19/2001
Submit Date: 4/19/2001
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: SOIL CONTAMINATION DISCOVERED DURING UST CLOSURE
Operator: ROBERT SAIEED
Contact Phone: 2527565007
Owner Company: Not reported
Operator Address: 105 CHESHIRE DRIVE
Operator City: GREENVILLE
Oper City,St,Zip: GREENVILLE, NC 27858-
Ownership: Private
Operation: Residential
Material: Not reported
Qty Lost 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAIEED TRIPLEX (ROBERT) (Continued)

S105120176

Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Not reported
Setting: Residential
Risk Site: Not reported
Site Priority: U
Priority Code: Not reported
Priority Update: 4/19/2001
Dem Contact: JSB
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.60777777
Longitude: -77.34694444
Latitude Number: 353628
Longitude Number: 772049
Latitude Decimal: 35.6077777777778
Longitude Decimal: 77.3469444444444
GPS: 6
Agency: DWM
Facility ID: 23119
Last Modified: 11/27/2001
Incident Phase: Closed Out
NOV Issued: 11/1/2001
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

G18
West
1/4-1/2
0.470 mi.
2480 ft.
BENNETT RESIDENCE
2402 EAST 4TH STREET
GREENVILLE, NC 27858
Site 1 of 2 in cluster G

LUST **S102868970**
IMD **N/A**

Relative: LUST:
Higher Facility ID: Not reported
UST Number: WA-1415
Actual: Incident Number: 16665
32 ft. Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 12/27/1996
Date Occur: 10/30/1996
Cleanup: 10/30/1996
Closure Request: 1998-12-28 00:00:00
Close Out: 01/27/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENNETT RESIDENCE (Continued)

S102868970

Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: 02/27/1997
NORR Issue Date: Not reported
Site Priority: 70E
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: Yes
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: True
CD Num: 195
Reel Num: 3911
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6075 -77.3469
Testlat: Not reported
Regional Officer Project Mgr: SNH
Region: WAS
Company: ROSS BENNETT
Contact Person: ROSS BENNETT
Telephone: Not reported
RP Address: P.O. BOX 1323
RP City,St,Zip: PINETOPS, NC 27864
RP County: Not reported
Comments: CLOSED OUT, *NFA*
5 Min Quad: Not reported

PIRF:

Facility Id: 16665
Date Occurred: 1996-10-30 00:00:00
Date Reported: 1997-01-07 00:00:00
Description Of Incident: 280 GALLON HEATINGOIL TANK REMOVED TPH AT 13,500 PPM.
Owner/Operator: ROSS BENNETT
Ownership: Not reported
Operation Type: Not reported
Type: 4
Location: 7
Site Priority: 70/E
Priority Update: 1998-05-30 00:00:00
Wells Affected Y/N: Not reported
Samples Include: 0
7#5 Minute Quad: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENNETT RESIDENCE (Continued)

S102868970

5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Min_Soil
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported
Last Modified:	1999-02-16 00:00:00
Incident Phase:	Closed Out
NOV Issued:	1997-08-05 00:00:00
NORR Issued:	1998-08-06 00:00:00
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	1999-01-27 00:00:00

IMD:

Region:	WAS
Facility ID:	16665
Date Occurred:	10/30/1996
Submit Date:	1/7/1997
GW Contam:	Yes, Groundwater Contamination has been detected
Soil Contam:	No
Incident Desc:	280 GALLON HEATINGOIL TANK REMOVED TPH AT 13,500 PPM.
Operator:	ROSS BENNETT
Contact Phone:	Not reported
Owner Company:	ROSS BENNETT
Operator Address:	P.O. BOX 1323
Operator City:	PINETOPS
Oper City,St,Zip:	PINETOPS, NC 27864-
Ownership:	Not reported
Operation:	Not reported
Material:	HEATING OIL
Qty Lost 1:	Not reported
Qty Recovered 1:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Residence
Setting:	Residential
Risk Site:	L
Site Priority:	70/E
Priority Code:	L
Priority Update:	5/30/1998
Dem Contact:	SNH
Wells Affected:	Not reported
Num Affected:	0
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENNETT RESIDENCE (Continued)

S102868970

Latitude: 35.10305555
Longitude: -77.07361111
Latitude Number: 350611
Longitude Number: 770425
Latitude Decimal: 35.1030555555556
Longitude Decimal: 77.0736111111111
GPS: 7
Agency: DWM
Facility ID: 16665
Last Modified: 2/16/1999
Incident Phase: Closed Out
NOV Issued: 8/5/1997
NORR Issued: 8/6/1998
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1/27/1999

19
South
1/4-1/2
0.477 mi.
2520 ft.

**WILLIAMS PROPERTY (J. T.)
3010 A & B, E. 10TH STREET
GREENVILLE, NC 27858**

**LUST S105765643
IMD N/A**

**Relative:
Higher**

LUST:

**Actual:
50 ft.**

Facility ID: Not reported
UST Number: WA-1948
Incident Number: 22657
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 12/07/2000
Date Occur: 10/20/2000
Cleanup: 10/20/2000
Closure Request: Not reported
Close Out: 12/13/2000
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 11/07/2000
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS PROPERTY (J. T.) (Continued)

S105765643

LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: False
CD Num: 200
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6000 -77.3333
Testlat: Not reported
Regional Officer Project Mgr: SNH
Region: WAS
Company: AZALEA MOBILE HOMES, INC.
Contact Person: MR. J. T. WILLIAMS
Telephone: Not reported
RP Address: 750 GREENVILLE BLVD
RP City,St,Zip: GREENVILLE, NC 27836
RP County: PITT
Comments: NFA 12/13/00
5 Min Quad: Not reported

PIRF:

Facility Id: 22657
Date Occurred: 2000-10-20 00:00:00
Date Reported: 2000-12-22 00:00:00
Description Of Incident: SOIL CONTAMINATION DISCOVERED UPON UST INVESTIGATION
Owner/Operator: MR. J. T. WILLIAMS
Ownership: 4
Operation Type: Not reported
Type: 3
Location: 8
Site Priority: L
Priority Update: 2000-12-22 00:00:00
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 3
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2001-01-16 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS PROPERTY (J. T.) (Continued)

S105765643

Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2000-12-13 00:00:00

IMD:

Region: WAS
Facility ID: 22657
Date Occurred: 10/20/2000
Submit Date: 12/22/2000
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: SOIL CONTAMINATION DISCOVERED UPON UST INVESTIGATION
Operator: MR. J. T. WILLIAMS
Contact Phone: Not reported
Owner Company: AZALEA MOBILE HOMES, INC.
Operator Address: 750 GREENVILLE BLVD
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC 27836-
Ownership: Private
Operation: Not reported
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: 8
Setting: Residential
Risk Site: L
Site Priority: L
Priority Code: L
Priority Update: 12/22/2000
Dem Contact: SNH
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: Not reported
Longitude: Not reported
Latitude Number: Not reported
Longitude Number: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
GPS: 6
Agency: DWM
Facility ID: 22657
Last Modified: 1/16/2001
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS PROPERTY (J. T.) (Continued)

S105765643

Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 12/13/2000

F20
West
1/4-1/2
0.481 mi.
2541 ft.

CHAMBERLAIN RESIDENCE (CHARLES)
2307 EAST THIRD STREET
GREENVILLE, NC 27858

LUST **S105120257**
IMD **N/A**

Site 2 of 4 in cluster F

Relative:
Higher

LUST:

Actual:
32 ft.

Facility ID: Not reported
UST Number: WA-2014
Incident Number: 23249
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 05/14/2001
Date Occur: 05/03/2001
Cleanup: 05/03/2001
Closure Request: 2001-12-13 00:00:00
Close Out: 12/21/2001
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: 11/05/2001
NORR Issue Date: 05/30/2001
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: True
CD Num: 201
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6102 -77.3477
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAMBERLAIN RESIDENCE (CHARLES) (Continued)

S105120257

Company: Not reported
Contact Person: CHARLES CHAMBERLAIN
Telephone: 2527583031
RP Address: 2307 EAST THIRD STREET
RP City,St,Zip: GREENVILLE, NC 27858
RP County: PITT
Comments: LSA DUE 10/1/01; NOV ISSUED 11/05/01 WTH. NFA ISSUED 12/21 2001- GW
AND SOIL BELOW STANDARDS.
5 Min Quad: Not reported

PIRF:

Facility Id: 23249
Date Occurred: 2001-05-14 00:00:00
Date Reported: 2001-06-04 00:00:00
Description Of Incident: SOIL CONTAMINATION DISCOVERED DURING UST CLOSURE
Owner/Operator: CHARLES CHAMBERLAIN
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: Not reported
Priority Update: 2001-06-04 00:00:00
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: Not reported
Source: C
Ust Number: C

Last Modified: 2002-01-25 00:00:00
Incident Phase: Closed Out
NOV Issued: 2001-11-05 00:00:00
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2001-12-21 00:00:00

IMD:

Region: WAS
Facility ID: 23249
Date Occurred: 5/3/2001
Submit Date: 6/4/2001
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: SOIL CONTAMINATION DISCOVERED DURING UST CLOSURE
Operator: CHARLES CHAMBERLAIN
Contact Phone: 2527583031

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAMBERLAIN RESIDENCE (CHARLES) (Continued)

S105120257

Owner Company: Not reported
Operator Address: 2307 EAST THIRD STREET
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC 27858-
Ownership: Private
Operation: Residential
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: 6/4/2001
Dem Contact: JSB
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.61
Longitude: -77.3475
Latitude Number: 353636
Longitude Number: 772051
Latitude Decimal: 35.61
Longitude Decimal: 77.3475
GPS: 6
Agency: DWM
Facility ID: 23249
Last Modified: 1/25/2002
Incident Phase: Closed Out
NOV Issued: 11/5/2001
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 12/21/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G21
West
1/4-1/2
0.484 mi.
2558 ft.

TRIPP RESIDENCE (DOROTHY)
401 LAUREL STREET
GREENVILLE, NC 27834

Site 2 of 2 in cluster G

LUST
IMD

S102554608
N/A

Relative:
Higher

LUST:

Actual:
32 ft.

Facility ID: Not reported
UST Number: WA-1436
Incident Number: 16845
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 02/12/1997
Date Occur: 10/30/1996
Cleanup: 10/30/1996
Closure Request: Not reported
Close Out: Not reported
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: 02/27/1997
NORR Issue Date: Not reported
Site Priority: 80E
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in House
RBCA GW: Not reported
PETOPT: 4
RPL: True
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6077 -77.3472
Testlat: Not reported
Regional Officer Project Mgr: CCS
Region: WAS
Company: Not reported
Contact Person: DOROTHY TRIPP
Telephone: Not reported
RP Address: 401 LAUREL STREET
RP City,St,Zip: GREENVILLE, NC 27858
RP County: Not reported
Comments: SAR IS NEEDED FOR THE SITE; SOIL > 10 TPH IN ONE SOIL SAMPLE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIPP RESIDENCE (DOROTHY) (Continued)

S102554608

5 Min Quad: Not reported

PIRF:

Facility Id: 16845
Date Occurred: 1996-10-30 00:00:00
Date Reported: 1997-02-20 00:00:00
Description Of Incident: TWO-280 GALLON HEATING OIL TANKS REMOVED. TPH AT 8.880 PPM.
Owner/Operator: DOROTHY TRIPP
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: 80/E
Priority Update: 1998-05-30 00:00:00
Wells Affected Y/N: Not reported
Samples Include: 0
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Min_Soil
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 1997-12-08 00:00:00
Incident Phase: Follow Up
NOV Issued: 1997-08-05 00:00:00
NORR Issued: 2003-09-11 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

IMD:

Region: WAS
Facility ID: 16845
Date Occurred: 10/30/1996
Submit Date: 2/20/1997
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: TWO-280 GALLON HEATING OIL TANKS REMOVED. TPH AT 8.880 PPM.
Operator: DOROTHY TRIPP
Contact Phone: Not reported
Owner Company: Not reported
Operator Address: 401 LAUREL STREET
Operator City: GREENVILLE
Oper City,St,Zip: GREENVILLE, NC 27858-
Ownership: Private
Operation: Residential
Material: HEATING OIL
Qty Lost 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRIPP RESIDENCE (DOROTHY) (Continued)

S102554608

Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: L
Site Priority: 80/E
Priority Code: L
Priority Update: 5/30/1998
Dem Contact: JSB
Wells Affected: Not reported
Num Affected: 0
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.60777777
Longitude: -77.34722222
Latitude Number: 353628
Longitude Number: 772050
Latitude Decimal: 35.6077777777778
Longitude Decimal: 77.3472222222222
GPS: 7
Agency: DWM
Facility ID: 16845
Last Modified: 12/8/1997
Incident Phase: Follow Up
NOV Issued: 8/5/1997
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

F22
West
1/4-1/2
0.487 mi.
2570 ft.
MICHAEL COTTER RESIDENCE
2308 EAST 3RD STREET
GREENVILLE, NC 27858
Site 3 of 4 in cluster F

LUST **S105120396**
IMD **N/A**

Relative: LUST:
Higher Facility ID: Not reported
UST Number: WA-2054
Actual: Incident Number: 23424
32 ft. Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 06/29/2001
Date Occur: 04/02/2001
Cleanup: 04/02/2001
Closure Request: 2001-12-18 00:00:00
Close Out: 05/13/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL COTTER RESIDENCE (Continued)

S105120396

Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 07/18/2001
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: 05/02/2003
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: True
CD Num: 201
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6086 -77.3474
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: Not reported
Contact Person: MR. MICHAEL COTTER
Telephone: 2527528854
RP Address: 2308 EAST 3RD STREET
RP City,St,Zip: GREENVILLE, NC 27858
RP County: PITT
Comments: LSA DUE 11/18/2001. NPR NORR ISSUED 12/21/2001.
5 Min Quad: Not reported

PIRF:

Facility Id: 23424
Date Occurred: 2001-04-02 00:00:00
Date Reported: 2001-07-30 00:00:00
Description Of Incident: SOIL CONTAMINATION DISCOVERED DURING UST REMOVAL
Owner/Operator: MICHAEL COTTER
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: Not reported
Priority Update: 2001-07-31 00:00:00
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL COTTER RESIDENCE (Continued)

S105120396

5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: Not reported
Source: E
Ust Number: E

Last Modified: 2003-05-13 00:00:00

Incident Phase: Closed Out

NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

IMD:

Region: WAS
Facility ID: 23424
Date Occurred: 4/2/2001
Submit Date: 7/30/2001
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: SOIL CONTAMINATION DISCOVERED DURING UST REMOVAL
Operator: MR. MICHAEL COTTER
Contact Phone: 2527528854
Owner Company: Not reported
Operator Address: 2308 EAST 3RD STREET
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC 27858-
Ownership: Private
Operation: Residential
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: 7/31/2001
Dem Contact: JSB
Wells Affected: No
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL COTTER RESIDENCE (Continued)

S105120396

Latitude: 35.60833333
Longitude: -77.3475
Latitude Number: 353630
Longitude Number: 772051
Latitude Decimal: 35.60833333333333
Longitude Decimal: 77.3475
GPS: 6
Agency: DWM
Facility ID: 23424
Last Modified: 7/30/2001
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

H23
SW
1/4-1/2
0.494 mi.
2607 ft.

DORA CRAFT RESIDENCE
2618 JEFFERSON DRIVE
GREENVILLE, NC 27858

Site 1 of 2 in cluster H

LUST S101525215
IMD N/A

Relative:
Higher

LUST:

Actual:
46 ft.

Facility ID: Not reported
UST Number: WA-1182
Incident Number: 13827
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 04/11/1995
Date Occur: 03/15/1995
Cleanup: 03/15/1995
Closure Request: Not reported
Close Out: 07/23/1999
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: L
NOV Issue Date: 09/08/1995
NORR Issue Date: Not reported
Site Priority: 70E
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORA CRAFT RESIDENCE (Continued)

S101525215

LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: True
CD Num: 195
Reel Num: 3911
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6013 -77.3416
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS
Company: DORA CRAFT
Contact Person: DORA CRAFT
Telephone: Not reported
RP Address: 2618 JEFFERSON DRIVE
RP City,St,Zip: GREENVILLE, NC 27858
RP County: Not reported
Comments: NFA
5 Min Quad: Not reported

PIRF:

Facility Id: 13827
Date Occurred: 1995-03-15 00:00:00
Date Reported: 1995-04-17 00:00:00
Description Of Incident: UPON REMOVAL OF UST, SOIL CONTAM. WAS CONFIRMED.
Owner/Operator: DORA CRAFT
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: 70/E
Priority Update: 1998-05-30 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 2
Pirf/Min Soil: Not reported
Release Code: M24T
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 1999-08-06 00:00:00
Incident Phase: Closed Out
NOV Issued: 1995-09-08 00:00:00
NORR Issued: 1998-09-21 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORA CRAFT RESIDENCE (Continued)

S101525215

Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1999-07-23 00:00:00

IMD:

Region: WAS
Facility ID: 13827
Date Occurred: 3/15/1995
Submit Date: 4/17/1995
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: UPON REMOVAL OF UST, SOIL CONTAM. WAS CONFIRMED.
Operator: DORA CRAFT
Contact Phone: Not reported
Owner Company: DORA CRAFT
Operator Address: 2618 JEFFERSON DRIVE
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC 27858-
Ownership: Private
Operation: Residential
Material: FUEL OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: L
Site Priority: 70/E
Priority Code: L
Priority Update: 5/30/1998
Dem Contact: JSB
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Responsible Parties
Samples Include: Soil Samples
7.5 Min Quad: Not reported
5 Min Quad: M24T
Latitude: 35.60111111
Longitude: -77.34138888
Latitude Number: 353604
Longitude Number: 772029
Latitude Decimal: 35.60111111111111
Longitude Decimal: 77.34138888888889
GPS: 4
Agency: DWM
Facility ID: 13827
Last Modified: 8/6/1999
Incident Phase: Closed Out
NOV Issued: 9/8/1995
NORR Issued: 9/21/1998
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DORA CRAFT RESIDENCE (Continued)

S101525215

Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 7/23/1999

F24
West
1/4-1/2
0.498 mi.
2629 ft.

WATROUS PROPERTY (BLANCHE - FORMER)
305 LAUREL STREET
GREENVILLE, NC 27858

LUST **S104157458**
IMD **N/A**

Site 4 of 4 in cluster F

Relative:
Higher

LUST:

Actual:
33 ft.

Facility ID: Not reported
UST Number: WA-1801
Incident Number: 20726
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 10/01/1999
Date Occur: 06/25/1999
Cleanup: 06/25/1999
Closure Request: Not reported
Close Out: 04/15/2005
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 10/19/1999
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: 04/11/2005
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: False
CD Num: 266
Reel Num: 4062
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.3630 -77.2050
Testlat: Not reported
Regional Officer Project Mgr: JSB
Region: WAS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WATROUS PROPERTY (BLANCHE - FORMER) (Continued)

S104157458

Company: BLANCHE WATROUS
Contact Person: ALICE DUTTON
Telephone: Not reported
RP Address: 130 BODMAN PLACE # 14
RP City,St,Zip: RED BANK, NJ 07701
RP County: Not reported
Comments: reranked after NFA due to free product; NO FREE PRODUCT SINCE 12/00;
RERANKED LOW AND REQUESTED NRP FOR GROUNDWATER ON 8/20/03 || DRAFT
NRP SIGNED BY RRP ON 12/22/2004
5 Min Quad: Not reported

PIRF:

Facility Id: 20726
Date Occurred: 1999-06-25 00:00:00
Date Reported: 1999-10-19 00:00:00
Description Of Incident: ONE 280 GALLON HEATING OIL UST WAS REMOVED. SOIL SAMPLES COLLECTED
FROM THE BASE OF EXCAVATION AND THE STOCKPILE INDICATES A RELEASE
Owner/Operator: MR PHILLIP WATROUS
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: Not reported
Priority Update: 1999-10-19 00:00:00
Wells Affected Y/N: Not reported
Samples Include: Not reported
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: MIN_SOIL
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 2005-04-15 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2000-10-16 00:00:00

IMD:

Region: WAS
Facility ID: 20726
Date Occurred: 6/25/1999
Submit Date: 10/19/1999
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: ONE 280 GALLON HEATING OIL UST WAS REMOVED. SOIL SAMPLES COLLECTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WATROUS PROPERTY (BLANCHE - FORMER) (Continued)

S104157458

FROM THE BASE OF EXCAVATION AND THE STOCKPILE INDICATES A RELEASE

Operator: ALICE DUTTON
Contact Phone: Not reported
Owner Company: BLANCHE WATROUS
Operator Address: 130 BODMAN PLACE # 14
Operator City: RED BANK
Oper City, St, Zip: RED BANK, NJ 07701-
Ownership: Private
Operation: Residential
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: 10/19/1999
Dem Contact: JSB
Wells Affected: Not reported
Num Affected: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Latitude: 35.36305555
Longitude: -77.205
Latitude Number: 352147
Longitude Number: 771218
Latitude Decimal: 35.36305555555556
Longitude Decimal: 77.205
GPS: 6
Agency: DWM
Facility ID: 20726
Last Modified: 10/31/2000
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 10/16/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H25 **FINCH PROPERTY (DIANE & GREGORY - FORMER)**
SW **2700 JEFFERSON DRIVE**
1/4-1/2 **GREENVILLE, NC 27858**
0.499 mi.
2637 ft. **Site 2 of 2 in cluster H**

LUST **S102868395**
IMD **N/A**

Relative:
Higher

LUST:

Actual:
46 ft.

Facility ID: Not reported
UST Number: WA-1300
Incident Number: 15212
Contamination Type: GW
Source Type: Leak-underground
Product Type: P
Date Reported: 01/09/1996
Date Occur: 01/09/1996
Cleanup: 01/09/1996
Closure Request: Not reported
Close Out: Not reported
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: N
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: I
Corrective Action Plan Type: Not reported
NOV Issue Date: 04/11/1996
NORR Issue Date: Not reported
Site Priority: 50E
Phase Of LSA Req: 1
Site Risk Reason: CFG
Land Use: Residential
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in House
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 35.6022 -77.3422
Testlat: Not reported
Regional Officer Project Mgr: STF
Region: WAS
Company: Not reported
Contact Person: MS. DIANE JACKSON
Telephone: Not reported
RP Address: 2635 N. LOMA VISTA
RP City,St,Zip: MESA, AZ 852131660
RP County: Not reported
Comments: NEED LSA TO CLASSIFY; FREE PRODUCT OBSERVED DURING SAMPLING; ADDRESS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FINCH PROPERTY (DIANE & GREGORY - FORMER) (Continued)

S102868395

OF DIANE FINCH UNKNOWN; CURRENT PROPERTY OWNER MR. EDGAR WALL; DATE
UST USED IS UNKNOWN but property owner indicated that it was prior to
1984. File sent to Bob Davies for State Lead consideration - 5/1/08.

5 Min Quad: Not reported

PIRF:

Facility Id: 15212
Date Occurred: 1996-01-09 00:00:00
Date Reported: 1996-03-20 00:00:00
Description Of Incident: GW SAMPLES ABOVE 2L STANDARDS.
Owner/Operator: MICHAEL CLEARY
Ownership: 4
Operation Type: 3
Type: 4
Location: 7
Site Priority: 50/E
Priority Update: 1998-05-30 00:00:00
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 1
5 Minute Quad: 1
Pirf/Min Soil: Not reported
Release Code: M24T
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 1996-04-16 00:00:00
Incident Phase: Follow Up
NOV Issued: 1996-04-08 00:00:00
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

IMD:

Region: WAS
Facility ID: 15212
Date Occurred: 1/9/1996
Submit Date: 3/20/1996
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Incident Desc: GW SAMPLES ABOVE 2L STANDARDS.
Operator: MR EDGAR B. WALL, JR.
Contact Phone: 2528300878
Owner Company: Not reported
Operator Address: 140 RIVERCREST DRIVE
Operator City: GREENVILLE
Oper City, St, Zip: GREENVILLE, NC 27858-
Ownership: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FINCH PROPERTY (DIANE & GREGORY - FORMER) (Continued)

S102868395

Operation: Residential
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Residence
Setting: Residential
Risk Site: L
Site Priority: 50/E
Priority Code: L
Priority Update: 5/30/1998
Dem Contact: SNH
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Dept. of Env. Management
Samples Include: Groundwater Samples
7.5 Min Quad: Not reported
5 Min Quad: M24T
Latitude: 36.10833333
Longitude: -80.17166666
Latitude Number: 360630
Longitude Number: 801018
Latitude Decimal: 36.10833333333333
Longitude Decimal: 80.17166666666667
GPS: 4
Agency: DWM
Facility ID: 15212
Last Modified: 4/16/1996
Incident Phase: Follow Up
NOV Issued: 4/8/1996
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GREENVILLE	1003868300	CITY LDFL	CEMETERY RD.	27834	SEMS-ARCHIVE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 02/13/2017
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

Data Release Frequency: Annually

State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 08/09/2011

Date Data Arrived at EDR: 11/08/2011

Date Made Active in Reports: 12/05/2011

Number of Days to Update: 27

Source: North Carolina Center for Geographic Information and Analysis

Telephone: 919-754-6580

Last EDR Contact: 02/13/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Sites Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 08/08/2016

Date Data Arrived at EDR: 09/14/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 21

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400

Last EDR Contact: 12/15/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: List of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/17/2016

Date Data Arrived at EDR: 03/31/2016

Date Made Active in Reports: 05/18/2016

Number of Days to Update: 48

Source: Department of Environment and Natural Resources

Telephone: 919-733-0692

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

Data Release Frequency: Semi-Annually

OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 03/27/2015

Date Data Arrived at EDR: 04/17/2015

Date Made Active in Reports: 04/30/2015

Number of Days to Update: 13

Source: Department of Environment & Natural Resources

Telephone: 919-733-4996

Last EDR Contact: 01/10/2017

Next Scheduled EDR Contact: 04/24/2017

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 07/29/2016

Date Data Arrived at EDR: 08/10/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 56

Source: Department of Environment & Natural Resources

Telephone: 877-623-6748

Last EDR Contact: 02/08/2017

Next Scheduled EDR Contact: 05/22/2017

Data Release Frequency: Quarterly

LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 07/29/2016

Date Data Arrived at EDR: 08/10/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 56

Source: Department of Environment and Natural Resources

Telephone: 919-733-1308

Last EDR Contact: 02/08/2017

Next Scheduled EDR Contact: 05/22/2017

Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016

Date Data Arrived at EDR: 04/27/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015

Date Data Arrived at EDR: 10/23/2015

Date Made Active in Reports: 02/18/2016

Number of Days to Update: 118

Source: EPA Region 8

Telephone: 303-312-6271

Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016

Date Data Arrived at EDR: 01/08/2016

Date Made Active in Reports: 02/18/2016

Number of Days to Update: 41

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016

Date Data Arrived at EDR: 04/27/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 415-972-3372

Last EDR Contact: 01/26/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

UST: Petroleum Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/29/2016
Date Data Arrived at EDR: 08/10/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 56

Source: Department of Environment and Natural Resources
Telephone: 919-733-1308
Last EDR Contact: 02/08/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

AST: AST Database
Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 02/10/2016
Date Data Arrived at EDR: 06/20/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 73

Source: Department of Environment and Natural Resources
Telephone: 919-715-6183
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 119	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 120	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/26/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring

A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 08/08/2016	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 09/14/2016	Telephone: 919-508-8400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 12/15/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/27/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 08/08/2016	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 09/14/2016	Telephone: 919-508-8400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 12/15/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liability control.

Date of Government Version: 07/01/2016
Date Data Arrived at EDR: 07/07/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 56

Source: Department of Environment and Natural Resources
Telephone: 919-733-4996
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/19/2016
Date Data Arrived at EDR: 12/20/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling center locations.

Date of Government Version: 08/04/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 58

Source: Department of Environment & Natural Resources
Telephone: 919-707-8137
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

HIST LF: Solid Waste Facility Listing

A listing of solid waste facilities.

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 02/13/2007
Date Made Active in Reports: 03/02/2007
Number of Days to Update: 17

Source: Department of Environment & Natural Resources
Telephone: 919-733-0692
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

SPILLS: Spills Incident Listing

A listing spills, hazardous material releases, sanitary sewer overflows, wastewater treatment plant bypasses and upsets, citizen complaints, and any other environmental emergency calls reported to the agency.

Date of Government Version: 09/09/2016
Date Data Arrived at EDR: 09/13/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 22

Source: Department of Environment & Natural Resources
Telephone: 919-807-6308
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006
Date Data Arrived at EDR: 08/01/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 22

Source: Department of Environment and Natural Resources
Telephone: 919-733-3221
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/27/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 06/14/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 02/24/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/03/2017
Number of Days to Update: 54	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 11/16/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/15/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/10/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/10/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/17/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/17/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2016	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 11/18/2016	Telephone: Varies
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/23/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013	Source: EPA/NTIS
Date Data Arrived at EDR: 02/24/2015	Telephone: 800-424-9346
Date Made Active in Reports: 09/30/2015	Last EDR Contact: 02/22/2017
Number of Days to Update: 218	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/13/2017
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016	Source: Department of Energy
Date Data Arrived at EDR: 12/27/2016	Telephone: 202-586-3559
Date Made Active in Reports: 02/17/2017	Last EDR Contact: 02/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/21/2017
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8787
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016	Source: EPA
Date Data Arrived at EDR: 09/07/2016	Telephone: (404) 562-9900
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 02/22/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 01/20/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 02/24/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal combustion products distribution permits issued by the Division for the treatment, storage, transportation, use and disposal of coal combustion products.

Date of Government Version: 12/14/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/23/2016	Telephone: 919-807-6359
Date Made Active in Reports: 05/18/2016	Last EDR Contact: 02/03/2017
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

Date of Government Version: 06/07/2016	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 06/22/2016	Telephone: 919-508-8400
Date Made Active in Reports: 09/01/2016	Last EDR Contact: 12/20/2016
Number of Days to Update: 71	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/29/2016	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 08/10/2016	Telephone: 919-733-1322
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 02/08/2017
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/26/2012
Number of Days to Update: 23

Source: Department of Environmental & Natural Resources
Telephone: 919-508-8496
Last EDR Contact: 12/27/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

Date of Government Version: 09/14/2016
Date Data Arrived at EDR: 09/16/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 19

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

General information regarding NPDES(National Pollutant Discharge Elimination System) permits.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 74

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/13/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 22

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 12/05/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/11/2016
Date Data Arrived at EDR: 12/20/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016

Date Data Arrived at EDR: 11/22/2016

Date Made Active in Reports: 02/03/2017

Number of Days to Update: 73

Source: EPA

Telephone: 800-385-6164

Last EDR Contact: 02/22/2017

Next Scheduled EDR Contact: 06/05/2017

Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A

Source: Department of Environment, Health and Natural Resources

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 12/24/2013

Last EDR Contact: 06/01/2012

Number of Days to Update: 176

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A

Source: Department of Environment, Health and Natural Resources

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/13/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 196

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A

Source: Department of Environment, Health and Natural Resources

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 12/20/2013

Last EDR Contact: 06/01/2012

Number of Days to Update: 172

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013

Source: Department of Energy & Environmental Protection

Date Data Arrived at EDR: 08/19/2013

Telephone: 860-424-3375

Date Made Active in Reports: 10/03/2013

Last EDR Contact: 11/11/2016

Number of Days to Update: 45

Next Scheduled EDR Contact: 02/27/2017

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/12/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Proposed Greenville Skate Park

East Second Street

Greenville, NC 27858

Inquiry Number: 4867715.5

March 02, 2017

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/02/17

Site Name:

Proposed Greenville Skate Par
East Second Street
Greenville, NC 27858
EDR Inquiry # 4867715.5

Client Name:

TAG/Terracon
314 Beacon Drive
Winterville, NC 28590
Contact: Blake Neel



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by TAG/Terracon were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 9E77-4538-8C14

PO # 72177015

Project Proposed Greenville Skate Park

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 9E77-4538-8C14

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX E
SITE PHOTOGRAPHS



Photo 1 Near the southwest property corner, looking northeast across the site.



Photo 2 Near the southeast property corner, looking northwest across the site.

Phase I Environmental Site Assessment

East Second Street Property ■ Greenville, NC

Photos Taken: March 6, 2017 ■ Terracon Project No. 72177015



Photo 3

A telecommunication tower located in the southern portion of the site near East Second Street.



Photo 4

A vacant building located near the southeast property corner.



Photo 5 A typical view across the site.



Photo 6 A typical view across the site.



Photo 7 A typical view across the site.



Photo 8 A typical view across the site.



Photo 9 Concrete debris observed in the eastern portion of the site.



Photo 10 A typical view of test pits excavated. A plastic/woven liner is observed in this photograph.



Photo 11 A plastic/woven liner being removed from a test pit.



Photo 12 Typical trash observed in test pits excavated onsite.



Photo 13 Typical trash observed in test pits excavated onsite.



Photo 14 Typical trash observed in test pits excavated onsite.



Photo 15 Typical trash observed in test pits excavated onsite.



Photo 16 Typical trash observed in test pits excavated onsite.



Photo 17 Typical trash including a rubber tire observed in test pits excavated onsite.



Photo 18 Typical trash observed in test pits excavated onsite.



Photo 19 A City of Greenville Pump Station observed on adjoining property to the east of the site.



Photo 20 Greenwood Cemetery located across East Second Street on adjoining property to the south of the site.



Photo 21 An undeveloped field/woodland on adjoining property to the west of the site.

APPENDIX F
ANALYTICAL RESULTS AND CHAIN OF CUSTODY

May 01, 2017

Blake Neel
Terracon Consultants
314 Beacon Dr
Winterville, NC 28590

RE: Project: EAST 2ND ST 72177015
Pace Project No.: 92337797

Dear Blake Neel:

Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Report revised to correct weight reporting for 6010.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Taylor Ezell
taylor.ezell@pacelabs.com
(704)875-9092
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Asheville Certification IDs

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92337797001	SB-1	Solid	04/18/17 10:50	04/20/17 09:27
92337797002	SB-2	Solid	04/18/17 11:55	04/20/17 09:27
92337797003	SB-3	Solid	04/18/17 12:30	04/20/17 09:27
92337797004	SB-4	Solid	04/18/17 13:45	04/20/17 09:27
92337797005	SB-5	Solid	04/18/17 14:30	04/20/17 09:27
92337797006	GW-1	Water	04/18/17 11:45	04/20/17 09:27
92337797007	GW-2	Water	04/18/17 12:20	04/20/17 09:27
92337797008	GW-3	Water	04/18/17 13:30	04/20/17 09:27
92337797009	GW-4	Water	04/18/17 14:39	04/20/17 09:27
92337797010	GW-5	Water	04/18/17 15:35	04/20/17 09:27

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92337797001	SB-1	EPA 6010	SER	7	PASI-A
		EPA 7471	KAL	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	70	PASI-C
		ASTM D2974-87	CLW	1	PASI-C
92337797002	SB-2	EPA 6010	SER	7	PASI-A
		EPA 7471	KAL	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	70	PASI-C
		ASTM D2974-87	CLW	1	PASI-C
92337797003	SB-3	EPA 6010	SER	7	PASI-A
		EPA 7471	KAL	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	70	PASI-C
		ASTM D2974-87	CLW	1	PASI-C
92337797004	SB-4	EPA 6010	SER	7	PASI-A
		EPA 7471	WAB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	70	PASI-C
		ASTM D2974-87	CLW	1	PASI-C
92337797005	SB-5	EPA 6010	SER	7	PASI-A
		EPA 7471	KAL	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	70	PASI-C
		ASTM D2974-87	CLW	1	PASI-C
92337797006	GW-1	EPA 6010	SH1	7	PASI-A
		EPA 7470	WAB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	ZDO	63	PASI-C
92337797007	GW-2	EPA 6010	SH1	7	PASI-A
		EPA 7470	WAB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	ZDO	63	PASI-C
92337797008	GW-3	EPA 6010	SH1	7	PASI-A
		EPA 7470	WAB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	ZDO	63	PASI-C

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SAMPLE ANALYTE COUNT

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92337797009	GW-4	EPA 6010	SH1	7	PASI-A
		EPA 7470	WAB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	ZDO	63	PASI-C
92337797010	GW-5	EPA 6010	SH1	7	PASI-A
		EPA 7470	WAB	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	ZDO	63	PASI-C

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-1 Lab ID: 92337797001 Collected: 04/18/17 10:50 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	2.1	mg/kg	0.64	1	04/25/17 12:00	04/25/17 16:30	7440-38-2	
Barium	11.8	mg/kg	0.32	1	04/25/17 12:00	04/25/17 16:30	7440-39-3	
Cadmium	ND	mg/kg	0.064	1	04/25/17 12:00	04/25/17 16:30	7440-43-9	
Chromium	7.7	mg/kg	0.32	1	04/25/17 12:00	04/25/17 16:30	7440-47-3	
Lead	6.8	mg/kg	0.32	1	04/25/17 12:00	04/25/17 16:30	7439-92-1	
Selenium	0.80	mg/kg	0.64	1	04/25/17 12:00	04/25/17 16:30	7782-49-2	
Silver	ND	mg/kg	0.32	1	04/25/17 12:00	04/25/17 16:30	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	0.019	mg/kg	0.0032	1	04/25/17 12:20	04/25/17 17:47	7439-97-6	
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	83-32-9	
Acenaphthylene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	208-96-8	
Aniline	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	62-53-3	
Anthracene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	120-12-7	
Benzo(a)anthracene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	56-55-3	
Benzo(a)pyrene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	207-08-9	
Benzoic Acid	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	65-85-0	
Benzyl alcohol	ND	ug/kg	745	1	04/21/17 08:30	04/24/17 16:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	101-55-3	
Butylbenzylphthalate	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	745	1	04/21/17 08:30	04/24/17 16:37	59-50-7	
4-Chloroaniline	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	111-44-4	
2-Chloronaphthalene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	91-58-7	
2-Chlorophenol	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	7005-72-3	
Chrysene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	53-70-3	
Dibenzofuran	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	120-83-2	
Diethylphthalate	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	105-67-9	
Dimethylphthalate	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	131-11-3	
Di-n-butylphthalate	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	745	1	04/21/17 08:30	04/24/17 16:37	534-52-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-1 Lab ID: 92337797001 Collected: 04/18/17 10:50 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dinitrophenol	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	606-20-2	
Di-n-octylphthalate	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	117-81-7	
Fluoranthene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	206-44-0	
Fluorene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	87-68-3	
Hexachlorobenzene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	77-47-4	
Hexachloroethane	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	193-39-5	
Isophorone	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	78-59-1	
1-Methylnaphthalene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	90-12-0	
2-Methylnaphthalene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37		
Naphthalene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	91-20-3	
2-Nitroaniline	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	88-74-4	
3-Nitroaniline	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	99-09-2	
4-Nitroaniline	ND	ug/kg	745	1	04/21/17 08:30	04/24/17 16:37	100-01-6	
Nitrobenzene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	98-95-3	
2-Nitrophenol	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	88-75-5	
4-Nitrophenol	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	108-60-1	
Pentachlorophenol	ND	ug/kg	1860	1	04/21/17 08:30	04/24/17 16:37	87-86-5	
Phenanthrene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	85-01-8	
Phenol	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37		
Pyrene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	373	1	04/21/17 08:30	04/24/17 16:37	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	36	%	23-110	1	04/21/17 08:30	04/24/17 16:37	4165-60-0	
2-Fluorobiphenyl (S)	41	%	30-110	1	04/21/17 08:30	04/24/17 16:37	321-60-8	
Terphenyl-d14 (S)	55	%	28-110	1	04/21/17 08:30	04/24/17 16:37	1718-51-0	
Phenol-d6 (S)	39	%	22-110	1	04/21/17 08:30	04/24/17 16:37	13127-88-3	
2-Fluorophenol (S)	42	%	13-110	1	04/21/17 08:30	04/24/17 16:37	367-12-4	
2,4,6-Tribromophenol (S)	52	%	27-110	1	04/21/17 08:30	04/24/17 16:37	118-79-6	

8260/5035A Volatile Organics

Analytical Method: EPA 8260

Acetone	111	ug/kg	95.2	1	04/20/17 17:16	67-64-1
Benzene	ND	ug/kg	4.8	1	04/20/17 17:16	71-43-2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-1 Lab ID: 92337797001 Collected: 04/18/17 10:50 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Bromobenzene	ND	ug/kg	4.8	1		04/20/17 17:16	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		04/20/17 17:16	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		04/20/17 17:16	75-27-4	
Bromoform	ND	ug/kg	4.8	1		04/20/17 17:16	75-25-2	
Bromomethane	ND	ug/kg	9.5	1		04/20/17 17:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	95.2	1		04/20/17 17:16	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		04/20/17 17:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		04/20/17 17:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		04/20/17 17:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		04/20/17 17:16	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		04/20/17 17:16	108-90-7	
Chloroethane	ND	ug/kg	9.5	1		04/20/17 17:16	75-00-3	
Chloroform	ND	ug/kg	4.8	1		04/20/17 17:16	67-66-3	
Chloromethane	ND	ug/kg	9.5	1		04/20/17 17:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		04/20/17 17:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		04/20/17 17:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		04/20/17 17:16	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		04/20/17 17:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		04/20/17 17:16	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		04/20/17 17:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		04/20/17 17:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		04/20/17 17:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		04/20/17 17:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.5	1		04/20/17 17:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		04/20/17 17:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		04/20/17 17:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		04/20/17 17:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		04/20/17 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		04/20/17 17:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		04/20/17 17:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		04/20/17 17:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		04/20/17 17:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		04/20/17 17:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		04/20/17 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		04/20/17 17:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		04/20/17 17:16	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		04/20/17 17:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		04/20/17 17:16	87-68-3	
2-Hexanone	ND	ug/kg	47.6	1		04/20/17 17:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		04/20/17 17:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		04/20/17 17:16	99-87-6	
Methylene Chloride	ND	ug/kg	19.0	1		04/20/17 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.6	1		04/20/17 17:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		04/20/17 17:16	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		04/20/17 17:16	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		04/20/17 17:16	103-65-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-1 Lab ID: 92337797001 Collected: 04/18/17 10:50 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Styrene	ND	ug/kg	4.8	1		04/20/17 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		04/20/17 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		04/20/17 17:16	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		04/20/17 17:16	127-18-4	
Toluene	ND	ug/kg	4.8	1		04/20/17 17:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		04/20/17 17:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		04/20/17 17:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		04/20/17 17:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		04/20/17 17:16	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		04/20/17 17:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		04/20/17 17:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		04/20/17 17:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		04/20/17 17:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		04/20/17 17:16	108-67-8	
Vinyl acetate	ND	ug/kg	47.6	1		04/20/17 17:16	108-05-4	
Vinyl chloride	ND	ug/kg	9.5	1		04/20/17 17:16	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	1		04/20/17 17:16	1330-20-7	
m&p-Xylene	ND	ug/kg	9.5	1		04/20/17 17:16	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		04/20/17 17:16	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1		04/20/17 17:16	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		04/20/17 17:16	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-132	1		04/20/17 17:16	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.5	%	0.10	1		04/21/17 07:21		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-2 Lab ID: 92337797002 Collected: 04/18/17 11:55 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	2.9	mg/kg	0.74	1	04/25/17 12:00	04/25/17 16:33	7440-38-2	
Barium	23.8	mg/kg	0.37	1	04/25/17 12:00	04/25/17 16:33	7440-39-3	
Cadmium	0.40	mg/kg	0.074	1	04/25/17 12:00	04/25/17 16:33	7440-43-9	
Chromium	6.4	mg/kg	0.37	1	04/25/17 12:00	04/25/17 16:33	7440-47-3	
Lead	102	mg/kg	0.37	1	04/25/17 12:00	04/25/17 16:33	7439-92-1	
Selenium	ND	mg/kg	0.74	1	04/25/17 12:00	04/25/17 16:33	7782-49-2	
Silver	ND	mg/kg	0.37	1	04/25/17 12:00	04/25/17 16:33	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	0.015	mg/kg	0.0033	1	04/25/17 12:20	04/25/17 17:54	7439-97-6	
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	83-32-9	
Acenaphthylene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	208-96-8	
Aniline	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	62-53-3	
Anthracene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	207-08-9	
Benzoic Acid	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	65-85-0	
Benzyl alcohol	ND	ug/kg	8220	10	04/26/17 09:30	04/27/17 15:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	8220	10	04/26/17 09:30	04/27/17 15:27	59-50-7	
4-Chloroaniline	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	111-44-4	
2-Chloronaphthalene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	91-58-7	
2-Chlorophenol	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	7005-72-3	
Chrysene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	53-70-3	
Dibenzofuran	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	541-73-1	L2
1,4-Dichlorobenzene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	120-83-2	
Diethylphthalate	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	105-67-9	
Dimethylphthalate	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	8220	10	04/26/17 09:30	04/27/17 15:27	534-52-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-2 Lab ID: 92337797002 Collected: 04/18/17 11:55 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dinitrophenol	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	117-81-7	
Fluoranthene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	206-44-0	
Fluorene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	77-47-4	
Hexachloroethane	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	193-39-5	
Isophorone	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	78-59-1	
1-Methylnaphthalene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	90-12-0	
2-Methylnaphthalene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27		
Naphthalene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	91-20-3	
2-Nitroaniline	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	88-74-4	
3-Nitroaniline	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	99-09-2	
4-Nitroaniline	ND	ug/kg	8220	10	04/26/17 09:30	04/27/17 15:27	100-01-6	
Nitrobenzene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	98-95-3	
2-Nitrophenol	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	88-75-5	
4-Nitrophenol	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	108-60-1	
Pentachlorophenol	ND	ug/kg	20500	10	04/26/17 09:30	04/27/17 15:27	87-86-5	
Phenanthrene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	85-01-8	
Phenol	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27		
Pyrene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	4110	10	04/26/17 09:30	04/27/17 15:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	23-110	10	04/26/17 09:30	04/27/17 15:27	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	30-110	10	04/26/17 09:30	04/27/17 15:27	321-60-8	S4
Terphenyl-d14 (S)	0	%	28-110	10	04/26/17 09:30	04/27/17 15:27	1718-51-0	S4
Phenol-d6 (S)	0	%	22-110	10	04/26/17 09:30	04/27/17 15:27	13127-88-3	S4
2-Fluorophenol (S)	0	%	13-110	10	04/26/17 09:30	04/27/17 15:27	367-12-4	S4
2,4,6-Tribromophenol (S)	0	%	27-110	10	04/26/17 09:30	04/27/17 15:27	118-79-6	S4

8260/5035A Volatile Organics

Analytical Method: EPA 8260

Acetone	374	ug/kg	135	1	04/20/17 17:36	67-64-1
Benzene	ND	ug/kg	6.8	1	04/20/17 17:36	71-43-2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-2 Lab ID: 92337797002 Collected: 04/18/17 11:55 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Bromobenzene	ND	ug/kg	6.8	1		04/20/17 17:36	108-86-1	
Bromochloromethane	ND	ug/kg	6.8	1		04/20/17 17:36	74-97-5	
Bromodichloromethane	ND	ug/kg	6.8	1		04/20/17 17:36	75-27-4	
Bromoform	ND	ug/kg	6.8	1		04/20/17 17:36	75-25-2	
Bromomethane	ND	ug/kg	13.5	1		04/20/17 17:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	135	1		04/20/17 17:36	78-93-3	
n-Butylbenzene	ND	ug/kg	6.8	1		04/20/17 17:36	104-51-8	
sec-Butylbenzene	12.9	ug/kg	6.8	1		04/20/17 17:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.8	1		04/20/17 17:36	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.8	1		04/20/17 17:36	56-23-5	
Chlorobenzene	ND	ug/kg	6.8	1		04/20/17 17:36	108-90-7	
Chloroethane	ND	ug/kg	13.5	1		04/20/17 17:36	75-00-3	
Chloroform	ND	ug/kg	6.8	1		04/20/17 17:36	67-66-3	
Chloromethane	ND	ug/kg	13.5	1		04/20/17 17:36	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.8	1		04/20/17 17:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.8	1		04/20/17 17:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	1		04/20/17 17:36	96-12-8	
Dibromochloromethane	ND	ug/kg	6.8	1		04/20/17 17:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.8	1		04/20/17 17:36	106-93-4	
Dibromomethane	ND	ug/kg	6.8	1		04/20/17 17:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.8	1		04/20/17 17:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.8	1		04/20/17 17:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.8	1		04/20/17 17:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.5	1		04/20/17 17:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.8	1		04/20/17 17:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.8	1		04/20/17 17:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.8	1		04/20/17 17:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.8	1		04/20/17 17:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.8	1		04/20/17 17:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.8	1		04/20/17 17:36	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.8	1		04/20/17 17:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.8	1		04/20/17 17:36	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.8	1		04/20/17 17:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.8	1		04/20/17 17:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.8	1		04/20/17 17:36	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.8	1		04/20/17 17:36	108-20-3	
Ethylbenzene	ND	ug/kg	6.8	1		04/20/17 17:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.8	1		04/20/17 17:36	87-68-3	
2-Hexanone	ND	ug/kg	67.7	1		04/20/17 17:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.8	1		04/20/17 17:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.8	1		04/20/17 17:36	99-87-6	
Methylene Chloride	ND	ug/kg	27.1	1		04/20/17 17:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	67.7	1		04/20/17 17:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.8	1		04/20/17 17:36	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1		04/20/17 17:36	91-20-3	
n-Propylbenzene	ND	ug/kg	6.8	1		04/20/17 17:36	103-65-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-2 Lab ID: 92337797002 Collected: 04/18/17 11:55 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Styrene	ND	ug/kg	6.8	1		04/20/17 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.8	1		04/20/17 17:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.8	1		04/20/17 17:36	79-34-5	
Tetrachloroethene	ND	ug/kg	6.8	1		04/20/17 17:36	127-18-4	
Toluene	ND	ug/kg	6.8	1		04/20/17 17:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.8	1		04/20/17 17:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.8	1		04/20/17 17:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.8	1		04/20/17 17:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.8	1		04/20/17 17:36	79-00-5	
Trichloroethene	ND	ug/kg	6.8	1		04/20/17 17:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.8	1		04/20/17 17:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.8	1		04/20/17 17:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.8	1		04/20/17 17:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.8	1		04/20/17 17:36	108-67-8	
Vinyl acetate	ND	ug/kg	67.7	1		04/20/17 17:36	108-05-4	
Vinyl chloride	ND	ug/kg	13.5	1		04/20/17 17:36	75-01-4	
Xylene (Total)	ND	ug/kg	13.5	1		04/20/17 17:36	1330-20-7	
m&p-Xylene	ND	ug/kg	13.5	1		04/20/17 17:36	179601-23-1	
o-Xylene	ND	ug/kg	6.8	1		04/20/17 17:36	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1		04/20/17 17:36	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130	1		04/20/17 17:36	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-132	1		04/20/17 17:36	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	19.7	%	0.10	1		04/21/17 07:21		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-3 Lab ID: 92337797003 Collected: 04/18/17 12:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	ND	mg/kg	1.0	1	04/25/17 12:00	04/25/17 16:36	7440-38-2	
Barium	22.6	mg/kg	0.51	1	04/25/17 12:00	04/25/17 16:36	7440-39-3	
Cadmium	0.19	mg/kg	0.10	1	04/25/17 12:00	04/25/17 16:36	7440-43-9	
Chromium	8.3	mg/kg	0.51	1	04/25/17 12:00	04/25/17 16:36	7440-47-3	
Lead	53.1	mg/kg	0.51	1	04/25/17 12:00	04/25/17 16:36	7439-92-1	
Selenium	1.4	mg/kg	1.0	1	04/25/17 12:00	04/25/17 16:36	7782-49-2	
Silver	ND	mg/kg	0.51	1	04/25/17 12:00	04/25/17 16:36	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	0.036	mg/kg	0.0058	1	04/25/17 12:20	04/25/17 17:57	7439-97-6	
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	83-32-9	
Acenaphthylene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	208-96-8	
Aniline	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	62-53-3	
Anthracene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	120-12-7	
Benzo(a)anthracene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	56-55-3	
Benzo(a)pyrene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	207-08-9	
Benzoic Acid	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	65-85-0	
Benzyl alcohol	ND	ug/kg	38000	10	04/21/17 08:30	04/25/17 20:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	101-55-3	
Butylbenzylphthalate	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	38000	10	04/21/17 08:30	04/25/17 20:57	59-50-7	
4-Chloroaniline	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	111-44-4	
2-Chloronaphthalene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	91-58-7	
2-Chlorophenol	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	7005-72-3	
Chrysene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	53-70-3	
Dibenzofuran	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	120-83-2	
Diethylphthalate	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	105-67-9	
Dimethylphthalate	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	131-11-3	
Di-n-butylphthalate	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	38000	10	04/21/17 08:30	04/25/17 20:57	534-52-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-3 Lab ID: 92337797003 Collected: 04/18/17 12:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dinitrophenol	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	606-20-2	
Di-n-octylphthalate	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	117-81-7	
Fluoranthene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	206-44-0	
Fluorene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	87-68-3	
Hexachlorobenzene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	77-47-4	
Hexachloroethane	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	193-39-5	
Isophorone	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	78-59-1	
1-Methylnaphthalene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	90-12-0	
2-Methylnaphthalene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57		
Naphthalene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	91-20-3	
2-Nitroaniline	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	88-74-4	
3-Nitroaniline	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	99-09-2	
4-Nitroaniline	ND	ug/kg	38000	10	04/21/17 08:30	04/25/17 20:57	100-01-6	
Nitrobenzene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	98-95-3	
2-Nitrophenol	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	88-75-5	
4-Nitrophenol	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	108-60-1	
Pentachlorophenol	ND	ug/kg	95100	10	04/21/17 08:30	04/25/17 20:57	87-86-5	
Phenanthrene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	85-01-8	
Phenol	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57		
Pyrene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	19000	10	04/21/17 08:30	04/25/17 20:57	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	23-110	10	04/21/17 08:30	04/25/17 20:57	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	30-110	10	04/21/17 08:30	04/25/17 20:57	321-60-8	S4
Terphenyl-d14 (S)	0	%	28-110	10	04/21/17 08:30	04/25/17 20:57	1718-51-0	S4
Phenol-d6 (S)	0	%	22-110	10	04/21/17 08:30	04/25/17 20:57	13127-88-3	S4
2-Fluorophenol (S)	0	%	13-110	10	04/21/17 08:30	04/25/17 20:57	367-12-4	S4
2,4,6-Tribromophenol (S)	0	%	27-110	10	04/21/17 08:30	04/25/17 20:57	118-79-6	S4

8260/5035A Volatile Organics

Analytical Method: EPA 8260

Acetone	786	ug/kg	122	1	04/20/17 17:56	67-64-1	E
Benzene	ND	ug/kg	6.1	1	04/20/17 17:56	71-43-2	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-3 Lab ID: 92337797003 Collected: 04/18/17 12:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Bromobenzene	ND	ug/kg	6.1	1		04/20/17 17:56	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1		04/20/17 17:56	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1		04/20/17 17:56	75-27-4	
Bromoform	ND	ug/kg	6.1	1		04/20/17 17:56	75-25-2	
Bromomethane	ND	ug/kg	12.2	1		04/20/17 17:56	74-83-9	
2-Butanone (MEK)	ND	ug/kg	122	1		04/20/17 17:56	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1		04/20/17 17:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	1		04/20/17 17:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1		04/20/17 17:56	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.1	1		04/20/17 17:56	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		04/20/17 17:56	108-90-7	
Chloroethane	ND	ug/kg	12.2	1		04/20/17 17:56	75-00-3	
Chloroform	ND	ug/kg	6.1	1		04/20/17 17:56	67-66-3	
Chloromethane	ND	ug/kg	12.2	1		04/20/17 17:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1		04/20/17 17:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1		04/20/17 17:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	1		04/20/17 17:56	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	1		04/20/17 17:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		04/20/17 17:56	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1		04/20/17 17:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		04/20/17 17:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		04/20/17 17:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		04/20/17 17:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.2	1		04/20/17 17:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		04/20/17 17:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		04/20/17 17:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1		04/20/17 17:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/20/17 17:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/20/17 17:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		04/20/17 17:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1		04/20/17 17:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1		04/20/17 17:56	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1		04/20/17 17:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/20/17 17:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/20/17 17:56	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.1	1		04/20/17 17:56	108-20-3	
Ethylbenzene	ND	ug/kg	6.1	1		04/20/17 17:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	1		04/20/17 17:56	87-68-3	
2-Hexanone	ND	ug/kg	61.2	1		04/20/17 17:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		04/20/17 17:56	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	1		04/20/17 17:56	99-87-6	
Methylene Chloride	ND	ug/kg	24.5	1		04/20/17 17:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.2	1		04/20/17 17:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		04/20/17 17:56	1634-04-4	
Naphthalene	ND	ug/kg	6.1	1		04/20/17 17:56	91-20-3	
n-Propylbenzene	ND	ug/kg	6.1	1		04/20/17 17:56	103-65-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-3 Lab ID: 92337797003 Collected: 04/18/17 12:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Styrene	ND	ug/kg	6.1	1		04/20/17 17:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/20/17 17:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/20/17 17:56	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1		04/20/17 17:56	127-18-4	
Toluene	ND	ug/kg	6.1	1		04/20/17 17:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1		04/20/17 17:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		04/20/17 17:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		04/20/17 17:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1		04/20/17 17:56	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1		04/20/17 17:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	1		04/20/17 17:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1		04/20/17 17:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1		04/20/17 17:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1		04/20/17 17:56	108-67-8	
Vinyl acetate	ND	ug/kg	61.2	1		04/20/17 17:56	108-05-4	
Vinyl chloride	ND	ug/kg	12.2	1		04/20/17 17:56	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1		04/20/17 17:56	1330-20-7	
m&p-Xylene	ND	ug/kg	12.2	1		04/20/17 17:56	179601-23-1	
o-Xylene	ND	ug/kg	6.1	1		04/20/17 17:56	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1		04/20/17 17:56	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		04/20/17 17:56	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-132	1		04/20/17 17:56	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	13.2	%	0.10	1		04/21/17 07:22		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-4 Lab ID: 92337797004 Collected: 04/18/17 13:45 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	1.3	mg/kg	0.80	1	04/25/17 12:00	04/25/17 17:20	7440-38-2	
Barium	29.8	mg/kg	0.40	1	04/25/17 12:00	04/25/17 17:20	7440-39-3	
Cadmium	1.4	mg/kg	0.080	1	04/25/17 12:00	04/25/17 17:20	7440-43-9	
Chromium	5.6	mg/kg	0.40	1	04/25/17 12:00	04/25/17 17:20	7440-47-3	
Lead	48.4	mg/kg	0.40	1	04/25/17 12:00	04/25/17 17:20	7439-92-1	
Selenium	ND	mg/kg	0.80	1	04/25/17 12:00	04/25/17 17:20	7782-49-2	
Silver	ND	mg/kg	0.40	1	04/25/17 12:00	04/25/17 17:20	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	0.27	mg/kg	0.18	50	04/25/17 12:20	04/27/17 17:26	7439-97-6	
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	83-32-9	
Acenaphthylene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	208-96-8	
Aniline	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	62-53-3	
Anthracene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	120-12-7	
Benzo(a)anthracene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	56-55-3	
Benzo(a)pyrene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	207-08-9	
Benzoic Acid	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	65-85-0	
Benzyl alcohol	ND	ug/kg	7790	10	04/21/17 08:30	04/25/17 21:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	101-55-3	
Butylbenzylphthalate	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	7790	10	04/21/17 08:30	04/25/17 21:25	59-50-7	
4-Chloroaniline	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	111-44-4	
2-Chloronaphthalene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	91-58-7	
2-Chlorophenol	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	7005-72-3	
Chrysene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	53-70-3	
Dibenzofuran	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	120-83-2	
Diethylphthalate	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	105-67-9	
Dimethylphthalate	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	131-11-3	
Di-n-butylphthalate	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	7790	10	04/21/17 08:30	04/25/17 21:25	534-52-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-4 Lab ID: 92337797004 Collected: 04/18/17 13:45 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dinitrophenol	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	606-20-2	
Di-n-octylphthalate	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	117-81-7	
Fluoranthene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	206-44-0	
Fluorene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	87-68-3	
Hexachlorobenzene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	77-47-4	
Hexachloroethane	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	193-39-5	
Isophorone	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	78-59-1	
1-Methylnaphthalene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	90-12-0	
2-Methylnaphthalene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25		
Naphthalene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	91-20-3	
2-Nitroaniline	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	88-74-4	
3-Nitroaniline	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	99-09-2	
4-Nitroaniline	ND	ug/kg	7790	10	04/21/17 08:30	04/25/17 21:25	100-01-6	
Nitrobenzene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	98-95-3	
2-Nitrophenol	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	88-75-5	
4-Nitrophenol	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	108-60-1	
Pentachlorophenol	ND	ug/kg	19500	10	04/21/17 08:30	04/25/17 21:25	87-86-5	
Phenanthrene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	85-01-8	
Phenol	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25		
Pyrene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	3900	10	04/21/17 08:30	04/25/17 21:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	23-110	10	04/21/17 08:30	04/25/17 21:25	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	30-110	10	04/21/17 08:30	04/25/17 21:25	321-60-8	S4
Terphenyl-d14 (S)	0	%	28-110	10	04/21/17 08:30	04/25/17 21:25	1718-51-0	S4
Phenol-d6 (S)	0	%	22-110	10	04/21/17 08:30	04/25/17 21:25	13127-88-3	S4
2-Fluorophenol (S)	0	%	13-110	10	04/21/17 08:30	04/25/17 21:25	367-12-4	S4
2,4,6-Tribromophenol (S)	0	%	27-110	10	04/21/17 08:30	04/25/17 21:25	118-79-6	S4

8260/5035A Volatile Organics

Analytical Method: EPA 8260

Acetone	ND	ug/kg	105	1	04/20/17 18:15	67-64-1
Benzene	ND	ug/kg	5.3	1	04/20/17 18:15	71-43-2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-4 Lab ID: 92337797004 Collected: 04/18/17 13:45 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Bromobenzene	ND	ug/kg	5.3	1		04/20/17 18:15	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1		04/20/17 18:15	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1		04/20/17 18:15	75-27-4	
Bromoform	ND	ug/kg	5.3	1		04/20/17 18:15	75-25-2	
Bromomethane	ND	ug/kg	10.5	1		04/20/17 18:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	105	1		04/20/17 18:15	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1		04/20/17 18:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1		04/20/17 18:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	1		04/20/17 18:15	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.3	1		04/20/17 18:15	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		04/20/17 18:15	108-90-7	
Chloroethane	ND	ug/kg	10.5	1		04/20/17 18:15	75-00-3	
Chloroform	ND	ug/kg	5.3	1		04/20/17 18:15	67-66-3	
Chloromethane	ND	ug/kg	10.5	1		04/20/17 18:15	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.3	1		04/20/17 18:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1		04/20/17 18:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1		04/20/17 18:15	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1		04/20/17 18:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		04/20/17 18:15	106-93-4	
Dibromomethane	ND	ug/kg	5.3	1		04/20/17 18:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		04/20/17 18:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		04/20/17 18:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		04/20/17 18:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.5	1		04/20/17 18:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		04/20/17 18:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		04/20/17 18:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1		04/20/17 18:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		04/20/17 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		04/20/17 18:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		04/20/17 18:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	1		04/20/17 18:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1		04/20/17 18:15	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1		04/20/17 18:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		04/20/17 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		04/20/17 18:15	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.3	1		04/20/17 18:15	108-20-3	
Ethylbenzene	ND	ug/kg	5.3	1		04/20/17 18:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1		04/20/17 18:15	87-68-3	
2-Hexanone	ND	ug/kg	52.6	1		04/20/17 18:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		04/20/17 18:15	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1		04/20/17 18:15	99-87-6	
Methylene Chloride	ND	ug/kg	21.0	1		04/20/17 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.6	1		04/20/17 18:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		04/20/17 18:15	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1		04/20/17 18:15	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1		04/20/17 18:15	103-65-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-4 Lab ID: 92337797004 Collected: 04/18/17 13:45 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Styrene	ND	ug/kg	5.3	1		04/20/17 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1		04/20/17 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		04/20/17 18:15	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		04/20/17 18:15	127-18-4	
Toluene	ND	ug/kg	5.3	1		04/20/17 18:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1		04/20/17 18:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		04/20/17 18:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		04/20/17 18:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		04/20/17 18:15	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1		04/20/17 18:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		04/20/17 18:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1		04/20/17 18:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1		04/20/17 18:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		04/20/17 18:15	108-67-8	
Vinyl acetate	ND	ug/kg	52.6	1		04/20/17 18:15	108-05-4	
Vinyl chloride	ND	ug/kg	10.5	1		04/20/17 18:15	75-01-4	
Xylene (Total)	ND	ug/kg	10.5	1		04/20/17 18:15	1330-20-7	
m&p-Xylene	ND	ug/kg	10.5	1		04/20/17 18:15	179601-23-1	
o-Xylene	ND	ug/kg	5.3	1		04/20/17 18:15	95-47-6	
Surrogates								
Toluene-d8 (S)	102	%	70-130	1		04/20/17 18:15	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130	1		04/20/17 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	118	%	70-132	1		04/20/17 18:15	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.3	%	0.10	1		04/21/17 07:22		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-5 Lab ID: 92337797005 Collected: 04/18/17 14:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	13.9	mg/kg	0.86	1	04/25/17 12:00	04/25/17 17:40	7440-38-2	
Barium	434	mg/kg	0.43	1	04/25/17 12:00	04/25/17 17:40	7440-39-3	
Cadmium	21.2	mg/kg	0.086	1	04/25/17 12:00	04/25/17 17:40	7440-43-9	
Chromium	21.3	mg/kg	0.43	1	04/25/17 12:00	04/25/17 17:40	7440-47-3	
Lead	3540	mg/kg	8.6	20	04/25/17 12:00	04/25/17 20:52	7439-92-1	
Selenium	2.5	mg/kg	0.86	1	04/25/17 12:00	04/25/17 17:40	7782-49-2	
Silver	8.7	mg/kg	0.43	1	04/25/17 12:00	04/25/17 17:40	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	0.044	mg/kg	0.0040	1	04/25/17 12:20	04/25/17 18:01	7439-97-6	
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	83-32-9	
Acenaphthylene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	208-96-8	
Aniline	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	62-53-3	
Anthracene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	120-12-7	
Benzo(a)anthracene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	56-55-3	
Benzo(a)pyrene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	207-08-9	
Benzoic Acid	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	65-85-0	
Benzyl alcohol	ND	ug/kg	734	1	04/21/17 08:30	04/25/17 21:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	101-55-3	
Butylbenzylphthalate	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	734	1	04/21/17 08:30	04/25/17 21:52	59-50-7	
4-Chloroaniline	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	111-44-4	
2-Chloronaphthalene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	91-58-7	
2-Chlorophenol	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	7005-72-3	
Chrysene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	53-70-3	
Dibenzofuran	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	120-83-2	
Diethylphthalate	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	105-67-9	
Dimethylphthalate	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	131-11-3	
Di-n-butylphthalate	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	734	1	04/21/17 08:30	04/25/17 21:52	534-52-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-5 Lab ID: 92337797005 Collected: 04/18/17 14:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dinitrophenol	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	606-20-2	
Di-n-octylphthalate	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	117-81-7	
Fluoranthene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	206-44-0	
Fluorene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	87-68-3	
Hexachlorobenzene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	77-47-4	
Hexachloroethane	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	193-39-5	
Isophorone	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	78-59-1	
1-Methylnaphthalene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	90-12-0	
2-Methylnaphthalene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52		
Naphthalene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	91-20-3	
2-Nitroaniline	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	88-74-4	
3-Nitroaniline	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	99-09-2	
4-Nitroaniline	ND	ug/kg	734	1	04/21/17 08:30	04/25/17 21:52	100-01-6	
Nitrobenzene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	98-95-3	
2-Nitrophenol	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	88-75-5	
4-Nitrophenol	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	108-60-1	
Pentachlorophenol	ND	ug/kg	1840	1	04/21/17 08:30	04/25/17 21:52	87-86-5	
Phenanthrene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	85-01-8	
Phenol	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52		
Pyrene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	367	1	04/21/17 08:30	04/25/17 21:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	14	%	23-110	1	04/21/17 08:30	04/25/17 21:52	4165-60-0	S5
2-Fluorobiphenyl (S)	24	%	30-110	1	04/21/17 08:30	04/25/17 21:52	321-60-8	S5
Terphenyl-d14 (S)	29	%	28-110	1	04/21/17 08:30	04/25/17 21:52	1718-51-0	
Phenol-d6 (S)	23	%	22-110	1	04/21/17 08:30	04/25/17 21:52	13127-88-3	
2-Fluorophenol (S)	27	%	13-110	1	04/21/17 08:30	04/25/17 21:52	367-12-4	
2,4,6-Tribromophenol (S)	31	%	27-110	1	04/21/17 08:30	04/25/17 21:52	118-79-6	

8260/5035A Volatile Organics

Analytical Method: EPA 8260

Acetone	151	ug/kg	125	1	04/20/17 18:35	67-64-1
Benzene	ND	ug/kg	6.2	1	04/20/17 18:35	71-43-2

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-5 Lab ID: 92337797005 Collected: 04/18/17 14:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Bromobenzene	ND	ug/kg	6.2	1		04/20/17 18:35	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1		04/20/17 18:35	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	1		04/20/17 18:35	75-27-4	
Bromoform	ND	ug/kg	6.2	1		04/20/17 18:35	75-25-2	
Bromomethane	ND	ug/kg	12.5	1		04/20/17 18:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	125	1		04/20/17 18:35	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	1		04/20/17 18:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	1		04/20/17 18:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	1		04/20/17 18:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.2	1		04/20/17 18:35	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1		04/20/17 18:35	108-90-7	
Chloroethane	ND	ug/kg	12.5	1		04/20/17 18:35	75-00-3	
Chloroform	ND	ug/kg	6.2	1		04/20/17 18:35	67-66-3	
Chloromethane	ND	ug/kg	12.5	1		04/20/17 18:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.2	1		04/20/17 18:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1		04/20/17 18:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	1		04/20/17 18:35	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	1		04/20/17 18:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	1		04/20/17 18:35	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1		04/20/17 18:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	1		04/20/17 18:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1		04/20/17 18:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1		04/20/17 18:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.5	1		04/20/17 18:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	1		04/20/17 18:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	1		04/20/17 18:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	1		04/20/17 18:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	1		04/20/17 18:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	1		04/20/17 18:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1		04/20/17 18:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1		04/20/17 18:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	1		04/20/17 18:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.2	1		04/20/17 18:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1		04/20/17 18:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	1		04/20/17 18:35	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.2	1		04/20/17 18:35	108-20-3	
Ethylbenzene	ND	ug/kg	6.2	1		04/20/17 18:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.2	1		04/20/17 18:35	87-68-3	
2-Hexanone	ND	ug/kg	62.5	1		04/20/17 18:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	1		04/20/17 18:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	1		04/20/17 18:35	99-87-6	
Methylene Chloride	ND	ug/kg	25.0	1		04/20/17 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	62.5	1		04/20/17 18:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	1		04/20/17 18:35	1634-04-4	
Naphthalene	ND	ug/kg	6.2	1		04/20/17 18:35	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	1		04/20/17 18:35	103-65-1	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: SB-5 Lab ID: 92337797005 Collected: 04/18/17 14:30 Received: 04/20/17 09:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Styrene	ND	ug/kg	6.2	1		04/20/17 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	1		04/20/17 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1		04/20/17 18:35	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	1		04/20/17 18:35	127-18-4	
Toluene	ND	ug/kg	6.2	1		04/20/17 18:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	1		04/20/17 18:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	1		04/20/17 18:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	1		04/20/17 18:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	1		04/20/17 18:35	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1		04/20/17 18:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	1		04/20/17 18:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	1		04/20/17 18:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.2	1		04/20/17 18:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	1		04/20/17 18:35	108-67-8	
Vinyl acetate	ND	ug/kg	62.5	1		04/20/17 18:35	108-05-4	
Vinyl chloride	ND	ug/kg	12.5	1		04/20/17 18:35	75-01-4	
Xylene (Total)	ND	ug/kg	12.5	1		04/20/17 18:35	1330-20-7	
m&p-Xylene	ND	ug/kg	12.5	1		04/20/17 18:35	179601-23-1	
o-Xylene	ND	ug/kg	6.2	1		04/20/17 18:35	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1		04/20/17 18:35	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130	1		04/20/17 18:35	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-132	1		04/20/17 18:35	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.1	%	0.10	1		04/21/17 07:22		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-1		Lab ID: 92337797006		Collected: 04/18/17 11:45		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010A							
Arsenic	12.3	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:50	7440-38-2		
Barium	607	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:50	7440-39-3		
Cadmium	2.6	ug/L	1.0	1	04/24/17 14:50	04/26/17 18:50	7440-43-9		
Chromium	23.7	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:50	7440-47-3		
Lead	281	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:50	7439-92-1		
Selenium	ND	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:50	7782-49-2		
Silver	ND	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:50	7440-22-4		
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	1.7	ug/L	0.20	1	04/25/17 05:05	04/28/17 11:21	7439-97-6		
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	83-32-9		
Acenaphthylene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	208-96-8		
Aniline	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	62-53-3		
Anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	120-12-7		
Benzo(a)anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	56-55-3		
Benzo(a)pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	50-32-8		
Benzo(b)fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	205-99-2		
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	191-24-2		
Benzo(k)fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	207-08-9		
Benzoic Acid	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 15:52	65-85-0		
Benzyl alcohol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 15:52	100-51-6		
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	101-55-3		
Butylbenzylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	85-68-7		
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 15:52	59-50-7		
4-Chloroaniline	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 15:52	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	111-44-4		
2-Chloronaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	91-58-7		
2-Chlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	7005-72-3		
Chrysene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	218-01-9		
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	53-70-3		
Dibenzofuran	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	132-64-9		
1,2-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 15:52	91-94-1		
2,4-Dichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	120-83-2		
Diethylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	84-66-2		
2,4-Dimethylphenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	105-67-9		
Dimethylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	131-11-3		
Di-n-butylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 15:52	534-52-1		
2,4-Dinitrophenol	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 15:52	51-28-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015
Pace Project No.: 92337797

Sample: GW-1		Lab ID: 92337797006		Collected: 04/18/17 11:45		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dinitrotoluene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	121-14-2		
2,6-Dinitrotoluene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	606-20-2		
Di-n-octylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	04/21/17 09:57	04/21/17 15:52	117-81-7		
Fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	206-44-0		
Fluorene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	87-68-3		
Hexachlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	118-74-1		
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	77-47-4		
Hexachloroethane	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	193-39-5		
Isophorone	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	78-59-1		
1-Methylnaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	91-57-6		
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	95-48-7		
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52			
Naphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	91-20-3		
2-Nitroaniline	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 15:52	88-74-4		
3-Nitroaniline	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 15:52	99-09-2		
4-Nitroaniline	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 15:52	100-01-6		
Nitrobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	98-95-3		
2-Nitrophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	88-75-5		
4-Nitrophenol	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 15:52	100-02-7		
N-Nitrosodimethylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	621-64-7		
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	86-30-6		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	108-60-1		
Pentachlorophenol	ND	ug/L	25.0	1	04/21/17 09:57	04/21/17 15:52	87-86-5		
Phenanthrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	85-01-8		
Phenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52			
Pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	120-82-1		
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 15:52	88-06-2		
Surrogates									
Nitrobenzene-d5 (S)	65	%	21-110	1	04/21/17 09:57	04/21/17 15:52	4165-60-0		
2-Fluorobiphenyl (S)	74	%	27-110	1	04/21/17 09:57	04/21/17 15:52	321-60-8		
Terphenyl-d14 (S)	95	%	31-107	1	04/21/17 09:57	04/21/17 15:52	1718-51-0		
Phenol-d6 (S)	26	%	10-110	1	04/21/17 09:57	04/21/17 15:52	13127-88-3		
2-Fluorophenol (S)	39	%	12-110	1	04/21/17 09:57	04/21/17 15:52	367-12-4		
2,4,6-Tribromophenol (S)	87	%	27-110	1	04/21/17 09:57	04/21/17 15:52	118-79-6		
8260 MSV Low Level		Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/26/17 06:29	67-64-1		
Benzene	ND	ug/L	1.0	1		04/26/17 06:29	71-43-2		
Bromobenzene	ND	ug/L	1.0	1		04/26/17 06:29	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		04/26/17 06:29	74-97-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-1		Lab ID: 92337797006	Collected: 04/18/17 11:45	Received: 04/20/17 09:27	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level		Analytical Method: EPA 8260						
Bromodichloromethane	ND	ug/L	1.0	1		04/26/17 06:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/26/17 06:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/26/17 06:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/26/17 06:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		04/26/17 06:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/26/17 06:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/26/17 06:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/26/17 06:29	67-66-3	
Chloromethane	2.2	ug/L	1.0	1		04/26/17 06:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 06:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 06:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/26/17 06:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/26/17 06:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/26/17 06:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/26/17 06:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/26/17 06:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/26/17 06:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/26/17 06:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/26/17 06:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 06:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 06:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 06:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		04/26/17 06:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 06:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		04/26/17 06:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 06:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 06:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		04/26/17 06:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		04/26/17 06:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/26/17 06:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		04/26/17 06:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		04/26/17 06:29	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		04/26/17 06:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/26/17 06:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		04/26/17 06:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		04/26/17 06:29	91-20-3	
Styrene	ND	ug/L	1.0	1		04/26/17 06:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 06:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 06:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/26/17 06:29	127-18-4	
Toluene	ND	ug/L	1.0	1		04/26/17 06:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/26/17 06:29	71-55-6	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-1		Lab ID: 92337797006		Collected: 04/18/17 11:45		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/26/17 06:29	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		04/26/17 06:29	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/26/17 06:29	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/26/17 06:29	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1		04/26/17 06:29	108-05-4		
Vinyl chloride	ND	ug/L	1.0	1		04/26/17 06:29	75-01-4		
Xylene (Total)	ND	ug/L	1.0	1		04/26/17 06:29	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/26/17 06:29	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/26/17 06:29	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130	1		04/26/17 06:29	460-00-4		
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/26/17 06:29	17060-07-0		
Toluene-d8 (S)	109	%	70-130	1		04/26/17 06:29	2037-26-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-2		Lab ID: 92337797007		Collected: 04/18/17 12:20		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010A							
Arsenic	11.9	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:53	7440-38-2		
Barium	1600	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:53	7440-39-3		
Cadmium	ND	ug/L	1.0	1	04/24/17 14:50	04/26/17 18:53	7440-43-9		
Chromium	20.6	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:53	7440-47-3		
Lead	176	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:53	7439-92-1		
Selenium	ND	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:53	7782-49-2		
Silver	ND	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:53	7440-22-4		
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	1.2	ug/L	0.20	1	04/25/17 05:05	04/28/17 11:28	7439-97-6		
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	83-32-9		
Acenaphthylene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	208-96-8		
Aniline	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	62-53-3		
Anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	120-12-7		
Benzo(a)anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	56-55-3		
Benzo(a)pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	50-32-8		
Benzo(b)fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	205-99-2		
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	191-24-2		
Benzo(k)fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	207-08-9		
Benzoic Acid	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 16:20	65-85-0		
Benzyl alcohol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 16:20	100-51-6		
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	101-55-3		
Butylbenzylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	85-68-7		
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 16:20	59-50-7		
4-Chloroaniline	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 16:20	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	111-44-4		
2-Chloronaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	91-58-7		
2-Chlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	7005-72-3		
Chrysene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	218-01-9		
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	53-70-3		
Dibenzofuran	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	132-64-9		
1,2-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 16:20	91-94-1		
2,4-Dichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	120-83-2		
Diethylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	84-66-2		
2,4-Dimethylphenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	105-67-9		
Dimethylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	131-11-3		
Di-n-butylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 16:20	534-52-1		
2,4-Dinitrophenol	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 16:20	51-28-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-2		Lab ID: 92337797007		Collected: 04/18/17 12:20		Received: 04/20/17 09:27		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dinitrotoluene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	121-14-2		
2,6-Dinitrotoluene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	606-20-2		
Di-n-octylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	04/21/17 09:57	04/21/17 16:20	117-81-7		
Fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	206-44-0		
Fluorene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	87-68-3		
Hexachlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	118-74-1		
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	77-47-4		
Hexachloroethane	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	193-39-5		
Isophorone	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	78-59-1		
1-Methylnaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	91-57-6		
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	95-48-7		
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20			
Naphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	91-20-3		
2-Nitroaniline	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 16:20	88-74-4		
3-Nitroaniline	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 16:20	99-09-2		
4-Nitroaniline	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 16:20	100-01-6		
Nitrobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	98-95-3		
2-Nitrophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	88-75-5		
4-Nitrophenol	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 16:20	100-02-7		
N-Nitrosodimethylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	621-64-7		
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	86-30-6		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	108-60-1		
Pentachlorophenol	ND	ug/L	25.0	1	04/21/17 09:57	04/21/17 16:20	87-86-5		
Phenanthrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	85-01-8		
Phenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20			
Pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	120-82-1		
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 16:20	88-06-2		
Surrogates									
Nitrobenzene-d5 (S)	21	%	21-110	1	04/21/17 09:57	04/21/17 16:20	4165-60-0		
2-Fluorobiphenyl (S)	26	%	27-110	1	04/21/17 09:57	04/21/17 16:20	321-60-8		S0
Terphenyl-d14 (S)	37	%	31-107	1	04/21/17 09:57	04/21/17 16:20	1718-51-0		
Phenol-d6 (S)	9	%	10-110	1	04/21/17 09:57	04/21/17 16:20	13127-88-3		S0
2-Fluorophenol (S)	13	%	12-110	1	04/21/17 09:57	04/21/17 16:20	367-12-4		
2,4,6-Tribromophenol (S)	43	%	27-110	1	04/21/17 09:57	04/21/17 16:20	118-79-6		
8260 MSV Low Level		Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/26/17 06:46	67-64-1		
Benzene	3.6	ug/L	1.0	1		04/26/17 06:46	71-43-2		
Bromobenzene	ND	ug/L	1.0	1		04/26/17 06:46	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		04/26/17 06:46	74-97-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-2		Lab ID: 92337797007		Collected: 04/18/17 12:20		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/L	1.0	1		04/26/17 06:46	75-27-4		
Bromoform	ND	ug/L	1.0	1		04/26/17 06:46	75-25-2		
Bromomethane	ND	ug/L	2.0	1		04/26/17 06:46	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		04/26/17 06:46	78-93-3		
Carbon tetrachloride	ND	ug/L	1.0	1		04/26/17 06:46	56-23-5		
Chlorobenzene	13.4	ug/L	1.0	1		04/26/17 06:46	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/26/17 06:46	75-00-3		
Chloroform	ND	ug/L	1.0	1		04/26/17 06:46	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/26/17 06:46	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 06:46	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 06:46	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/26/17 06:46	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		04/26/17 06:46	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/26/17 06:46	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		04/26/17 06:46	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:46	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:46	541-73-1		
1,4-Dichlorobenzene	1.1	ug/L	1.0	1		04/26/17 06:46	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/26/17 06:46	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		04/26/17 06:46	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		04/26/17 06:46	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		04/26/17 06:46	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 06:46	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 06:46	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 06:46	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	1		04/26/17 06:46	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 06:46	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	1		04/26/17 06:46	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 06:46	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 06:46	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	1		04/26/17 06:46	108-20-3		
Ethylbenzene	ND	ug/L	1.0	1		04/26/17 06:46	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/26/17 06:46	87-68-3		
2-Hexanone	ND	ug/L	5.0	1		04/26/17 06:46	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	1		04/26/17 06:46	99-87-6		
Methylene Chloride	ND	ug/L	2.0	1		04/26/17 06:46	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/26/17 06:46	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		04/26/17 06:46	1634-04-4		
Naphthalene	6.8	ug/L	1.0	1		04/26/17 06:46	91-20-3		
Styrene	ND	ug/L	1.0	1		04/26/17 06:46	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 06:46	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 06:46	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		04/26/17 06:46	127-18-4		
Toluene	ND	ug/L	1.0	1		04/26/17 06:46	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:46	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 06:46	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/26/17 06:46	71-55-6		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-2		Lab ID: 92337797007		Collected: 04/18/17 12:20		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/26/17 06:46	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		04/26/17 06:46	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/26/17 06:46	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/26/17 06:46	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1		04/26/17 06:46	108-05-4		
Vinyl chloride	ND	ug/L	1.0	1		04/26/17 06:46	75-01-4		
Xylene (Total)	5.3	ug/L	1.0	1		04/26/17 06:46	1330-20-7		
m&p-Xylene	5.3	ug/L	2.0	1		04/26/17 06:46	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/26/17 06:46	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130	1		04/26/17 06:46	460-00-4		
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/26/17 06:46	17060-07-0		
Toluene-d8 (S)	111	%	70-130	1		04/26/17 06:46	2037-26-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-3		Lab ID: 92337797008		Collected: 04/18/17 13:30		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010A							
Arsenic	11.2	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:56	7440-38-2		
Barium	183	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:56	7440-39-3		
Cadmium	ND	ug/L	1.0	1	04/24/17 14:50	04/26/17 18:56	7440-43-9		
Chromium	18.0	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:56	7440-47-3		
Lead	12.9	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:56	7439-92-1		
Selenium	ND	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:56	7782-49-2		
Silver	ND	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:56	7440-22-4		
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.34	ug/L	0.20	1	04/25/17 05:05	04/28/17 11:30	7439-97-6		
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	83-32-9		
Acenaphthylene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	208-96-8		
Aniline	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	62-53-3		
Anthracene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	120-12-7		
Benzo(a)anthracene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	56-55-3		
Benzo(a)pyrene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	50-32-8		
Benzo(b)fluoranthene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	205-99-2		
Benzo(g,h,i)perylene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	191-24-2		
Benzo(k)fluoranthene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	207-08-9		
Benzoic Acid	ND	ug/L	1000	10	04/21/17 09:57	04/25/17 22:48	65-85-0		
Benzyl alcohol	ND	ug/L	400	10	04/21/17 09:57	04/25/17 22:48	100-51-6		
4-Bromophenylphenyl ether	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	101-55-3		
Butylbenzylphthalate	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	85-68-7		
4-Chloro-3-methylphenol	ND	ug/L	400	10	04/21/17 09:57	04/25/17 22:48	59-50-7		
4-Chloroaniline	ND	ug/L	400	10	04/21/17 09:57	04/25/17 22:48	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	111-44-4		
2-Chloronaphthalene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	91-58-7		
2-Chlorophenol	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	7005-72-3		
Chrysene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	218-01-9		
Dibenz(a,h)anthracene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	53-70-3		
Dibenzofuran	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	132-64-9		
1,2-Dichlorobenzene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/L	400	10	04/21/17 09:57	04/25/17 22:48	91-94-1		
2,4-Dichlorophenol	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	120-83-2		
Diethylphthalate	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	84-66-2		
2,4-Dimethylphenol	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	105-67-9		
Dimethylphthalate	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	131-11-3		
Di-n-butylphthalate	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/L	400	10	04/21/17 09:57	04/25/17 22:48	534-52-1		
2,4-Dinitrophenol	ND	ug/L	1000	10	04/21/17 09:57	04/25/17 22:48	51-28-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015
Pace Project No.: 92337797

Sample: GW-3		Lab ID: 92337797008		Collected: 04/18/17 13:30		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dinitrotoluene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	121-14-2		
2,6-Dinitrotoluene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	606-20-2		
Di-n-octylphthalate	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/L	120	10	04/21/17 09:57	04/25/17 22:48	117-81-7		
Fluoranthene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	206-44-0		
Fluorene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	87-68-3		
Hexachlorobenzene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	118-74-1		
Hexachlorocyclopentadiene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	77-47-4		
Hexachloroethane	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	193-39-5		
Isophorone	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	78-59-1		
1-Methylnaphthalene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	90-12-0		
2-Methylnaphthalene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	91-57-6		
2-Methylphenol(o-Cresol)	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	95-48-7		
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48			
Naphthalene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	91-20-3		
2-Nitroaniline	ND	ug/L	1000	10	04/21/17 09:57	04/25/17 22:48	88-74-4		
3-Nitroaniline	ND	ug/L	1000	10	04/21/17 09:57	04/25/17 22:48	99-09-2		
4-Nitroaniline	ND	ug/L	400	10	04/21/17 09:57	04/25/17 22:48	100-01-6		
Nitrobenzene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	98-95-3		
2-Nitrophenol	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	88-75-5		
4-Nitrophenol	ND	ug/L	1000	10	04/21/17 09:57	04/25/17 22:48	100-02-7		
N-Nitrosodimethylamine	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	621-64-7		
N-Nitrosodiphenylamine	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	86-30-6		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	108-60-1		
Pentachlorophenol	ND	ug/L	500	10	04/21/17 09:57	04/25/17 22:48	87-86-5		
Phenanthrene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	85-01-8		
Phenol	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48			
Pyrene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	120-82-1		
2,4,5-Trichlorophenol	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	200	10	04/21/17 09:57	04/25/17 22:48	88-06-2		
Surrogates									
Nitrobenzene-d5 (S)	0	%	21-110	10	04/21/17 09:57	04/25/17 22:48	4165-60-0	D3,S4	
2-Fluorobiphenyl (S)	0	%	27-110	10	04/21/17 09:57	04/25/17 22:48	321-60-8	S4	
Terphenyl-d14 (S)	0	%	31-107	10	04/21/17 09:57	04/25/17 22:48	1718-51-0	S4	
Phenol-d6 (S)	0	%	10-110	10	04/21/17 09:57	04/25/17 22:48	13127-88-3	S4	
2-Fluorophenol (S)	0	%	12-110	10	04/21/17 09:57	04/25/17 22:48	367-12-4	S4	
2,4,6-Tribromophenol (S)	0	%	27-110	10	04/21/17 09:57	04/25/17 22:48	118-79-6	S4	
8260 MSV Low Level		Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/26/17 07:03	67-64-1		
Benzene	2.4	ug/L	1.0	1		04/26/17 07:03	71-43-2		
Bromobenzene	ND	ug/L	1.0	1		04/26/17 07:03	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		04/26/17 07:03	74-97-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-3		Lab ID: 92337797008		Collected: 04/18/17 13:30		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/L	1.0	1		04/26/17 07:03	75-27-4		
Bromoform	ND	ug/L	1.0	1		04/26/17 07:03	75-25-2		
Bromomethane	ND	ug/L	2.0	1		04/26/17 07:03	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		04/26/17 07:03	78-93-3		
Carbon tetrachloride	ND	ug/L	1.0	1		04/26/17 07:03	56-23-5		
Chlorobenzene	119	ug/L	1.0	1		04/26/17 07:03	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/26/17 07:03	75-00-3		
Chloroform	ND	ug/L	1.0	1		04/26/17 07:03	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/26/17 07:03	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 07:03	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 07:03	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/26/17 07:03	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		04/26/17 07:03	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/26/17 07:03	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		04/26/17 07:03	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:03	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:03	541-73-1		
1,4-Dichlorobenzene	2.9	ug/L	1.0	1		04/26/17 07:03	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/26/17 07:03	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		04/26/17 07:03	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		04/26/17 07:03	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:03	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:03	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:03	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:03	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:03	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:03	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:03	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:03	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:03	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	1		04/26/17 07:03	108-20-3		
Ethylbenzene	4.2	ug/L	1.0	1		04/26/17 07:03	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/26/17 07:03	87-68-3		
2-Hexanone	ND	ug/L	5.0	1		04/26/17 07:03	591-78-6		
p-Isopropyltoluene	2.0	ug/L	1.0	1		04/26/17 07:03	99-87-6		
Methylene Chloride	ND	ug/L	2.0	1		04/26/17 07:03	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/26/17 07:03	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		04/26/17 07:03	1634-04-4		
Naphthalene	2.4	ug/L	1.0	1		04/26/17 07:03	91-20-3		
Styrene	ND	ug/L	1.0	1		04/26/17 07:03	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 07:03	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 07:03	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		04/26/17 07:03	127-18-4		
Toluene	2.2	ug/L	1.0	1		04/26/17 07:03	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:03	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:03	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/26/17 07:03	71-55-6		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-3		Lab ID: 92337797008		Collected: 04/18/17 13:30		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/26/17 07:03	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		04/26/17 07:03	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/26/17 07:03	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/26/17 07:03	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1		04/26/17 07:03	108-05-4		
Vinyl chloride	ND	ug/L	1.0	1		04/26/17 07:03	75-01-4		
Xylene (Total)	48.5	ug/L	1.0	1		04/26/17 07:03	1330-20-7		
m&p-Xylene	34.9	ug/L	2.0	1		04/26/17 07:03	179601-23-1		
o-Xylene	13.6	ug/L	1.0	1		04/26/17 07:03	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130	1		04/26/17 07:03	460-00-4		
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/26/17 07:03	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/26/17 07:03	2037-26-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-4		Lab ID: 92337797009		Collected: 04/18/17 14:39		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010A							
Arsenic	36.7	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:59	7440-38-2		
Barium	1250	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:59	7440-39-3		
Cadmium	11.2	ug/L	1.0	1	04/24/17 14:50	04/26/17 18:59	7440-43-9		
Chromium	118	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:59	7440-47-3		
Lead	1100	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:59	7439-92-1		
Selenium	ND	ug/L	10.0	1	04/24/17 14:50	04/26/17 18:59	7782-49-2		
Silver	6.2	ug/L	5.0	1	04/24/17 14:50	04/26/17 18:59	7440-22-4		
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	25.6	ug/L	10.0	50	04/25/17 05:05	04/28/17 11:33	7439-97-6		
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	83-32-9		
Acenaphthylene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	208-96-8		
Aniline	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	62-53-3		
Anthracene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	120-12-7		
Benzo(a)anthracene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	56-55-3		
Benzo(a)pyrene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	50-32-8		
Benzo(b)fluoranthene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	205-99-2		
Benzo(g,h,i)perylene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	191-24-2		
Benzo(k)fluoranthene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	207-08-9		
Benzoic Acid	ND	ug/L	100	1	04/21/17 09:57	04/21/17 17:16	65-85-0		
Benzyl alcohol	ND	ug/L	40.0	1	04/21/17 09:57	04/21/17 17:16	100-51-6		
4-Bromophenylphenyl ether	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	101-55-3		
Butylbenzylphthalate	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	85-68-7		
4-Chloro-3-methylphenol	ND	ug/L	40.0	1	04/21/17 09:57	04/21/17 17:16	59-50-7		
4-Chloroaniline	ND	ug/L	40.0	1	04/21/17 09:57	04/21/17 17:16	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	111-44-4		
2-Chloronaphthalene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	91-58-7		
2-Chlorophenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	7005-72-3		
Chrysene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	218-01-9		
Dibenz(a,h)anthracene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	53-70-3		
Dibenzofuran	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	132-64-9		
1,2-Dichlorobenzene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/L	40.0	1	04/21/17 09:57	04/21/17 17:16	91-94-1		
2,4-Dichlorophenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	120-83-2		
Diethylphthalate	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	84-66-2		
2,4-Dimethylphenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	105-67-9		
Dimethylphthalate	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	131-11-3		
Di-n-butylphthalate	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/L	40.0	1	04/21/17 09:57	04/21/17 17:16	534-52-1		
2,4-Dinitrophenol	ND	ug/L	100	1	04/21/17 09:57	04/21/17 17:16	51-28-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015
Pace Project No.: 92337797

Sample: GW-4		Lab ID: 92337797009		Collected: 04/18/17 14:39		Received: 04/20/17 09:27		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dinitrotoluene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	121-14-2		
2,6-Dinitrotoluene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	606-20-2		
Di-n-octylphthalate	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/L	12.0	1	04/21/17 09:57	04/21/17 17:16	117-81-7		
Fluoranthene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	206-44-0		
Fluorene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	87-68-3		
Hexachlorobenzene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	118-74-1		
Hexachlorocyclopentadiene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	77-47-4		
Hexachloroethane	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	193-39-5		
Isophorone	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	78-59-1		
1-Methylnaphthalene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	90-12-0		
2-Methylnaphthalene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	91-57-6		
2-Methylphenol(o-Cresol)	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	95-48-7		
3&4-Methylphenol(m&p Cresol)	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16			
Naphthalene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	91-20-3		
2-Nitroaniline	ND	ug/L	100	1	04/21/17 09:57	04/21/17 17:16	88-74-4		
3-Nitroaniline	ND	ug/L	100	1	04/21/17 09:57	04/21/17 17:16	99-09-2		
4-Nitroaniline	ND	ug/L	40.0	1	04/21/17 09:57	04/21/17 17:16	100-01-6		
Nitrobenzene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	98-95-3		
2-Nitrophenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	88-75-5		
4-Nitrophenol	ND	ug/L	100	1	04/21/17 09:57	04/21/17 17:16	100-02-7		
N-Nitrosodimethylamine	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	621-64-7		
N-Nitrosodiphenylamine	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	86-30-6		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	108-60-1		
Pentachlorophenol	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 17:16	87-86-5		
Phenanthrene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	85-01-8		
Phenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16			
Pyrene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	120-82-1		
2,4,5-Trichlorophenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:16	88-06-2		
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-110	1	04/21/17 09:57	04/21/17 17:16	4165-60-0		
2-Fluorobiphenyl (S)	73	%	27-110	1	04/21/17 09:57	04/21/17 17:16	321-60-8		
Terphenyl-d14 (S)	66	%	31-107	1	04/21/17 09:57	04/21/17 17:16	1718-51-0		
Phenol-d6 (S)	42	%	10-110	1	04/21/17 09:57	04/21/17 17:16	13127-88-3		
2-Fluorophenol (S)	50	%	12-110	1	04/21/17 09:57	04/21/17 17:16	367-12-4		
2,4,6-Tribromophenol (S)	88	%	27-110	1	04/21/17 09:57	04/21/17 17:16	118-79-6		
8260 MSV Low Level		Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/26/17 07:21	67-64-1		
Benzene	ND	ug/L	1.0	1		04/26/17 07:21	71-43-2		
Bromobenzene	ND	ug/L	1.0	1		04/26/17 07:21	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		04/26/17 07:21	74-97-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-4		Lab ID: 92337797009	Collected: 04/18/17 14:39	Received: 04/20/17 09:27	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level		Analytical Method: EPA 8260						
Bromodichloromethane	ND	ug/L	1.0	1		04/26/17 07:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/26/17 07:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/26/17 07:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/26/17 07:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		04/26/17 07:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/26/17 07:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/26/17 07:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/26/17 07:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/26/17 07:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 07:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 07:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/26/17 07:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/26/17 07:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/26/17 07:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/26/17 07:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/26/17 07:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/26/17 07:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/26/17 07:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		04/26/17 07:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		04/26/17 07:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/26/17 07:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		04/26/17 07:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		04/26/17 07:21	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		04/26/17 07:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/26/17 07:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		04/26/17 07:21	1634-04-4	
Naphthalene	1.1	ug/L	1.0	1		04/26/17 07:21	91-20-3	
Styrene	ND	ug/L	1.0	1		04/26/17 07:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 07:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 07:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/26/17 07:21	127-18-4	
Toluene	ND	ug/L	1.0	1		04/26/17 07:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/26/17 07:21	71-55-6	

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-4		Lab ID: 92337797009		Collected: 04/18/17 14:39		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/26/17 07:21	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		04/26/17 07:21	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/26/17 07:21	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/26/17 07:21	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1		04/26/17 07:21	108-05-4		
Vinyl chloride	ND	ug/L	1.0	1		04/26/17 07:21	75-01-4		
Xylene (Total)	24.3	ug/L	1.0	1		04/26/17 07:21	1330-20-7		
m&p-Xylene	24.3	ug/L	2.0	1		04/26/17 07:21	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/26/17 07:21	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130	1		04/26/17 07:21	460-00-4		
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/26/17 07:21	17060-07-0		
Toluene-d8 (S)	109	%	70-130	1		04/26/17 07:21	2037-26-5		

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-5		Lab ID: 92337797010		Collected: 04/18/17 15:35		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010A							
Arsenic	ND	ug/L	10.0	1	04/24/17 14:50	04/26/17 19:02	7440-38-2		
Barium	224	ug/L	5.0	1	04/24/17 14:50	04/26/17 19:02	7440-39-3		
Cadmium	1.1	ug/L	1.0	1	04/24/17 14:50	04/26/17 19:02	7440-43-9		
Chromium	ND	ug/L	5.0	1	04/24/17 14:50	04/26/17 19:02	7440-47-3		
Lead	78.2	ug/L	5.0	1	04/24/17 14:50	04/26/17 19:02	7439-92-1		
Selenium	ND	ug/L	10.0	1	04/24/17 14:50	04/26/17 19:02	7782-49-2		
Silver	ND	ug/L	5.0	1	04/24/17 14:50	04/26/17 19:02	7440-22-4		
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/25/17 05:05	04/28/17 11:35	7439-97-6		
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	83-32-9		
Acenaphthylene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	208-96-8		
Aniline	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	62-53-3		
Anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	120-12-7		
Benzo(a)anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	56-55-3		
Benzo(a)pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	50-32-8		
Benzo(b)fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	205-99-2		
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	191-24-2		
Benzo(k)fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	207-08-9		
Benzoic Acid	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 17:44	65-85-0		
Benzyl alcohol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:44	100-51-6		
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	101-55-3		
Butylbenzylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	85-68-7		
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:44	59-50-7		
4-Chloroaniline	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:44	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	111-44-4		
2-Chloronaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	91-58-7		
2-Chlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	7005-72-3		
Chrysene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	218-01-9		
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	53-70-3		
Dibenzofuran	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	132-64-9		
1,2-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:44	91-94-1		
2,4-Dichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	120-83-2		
Diethylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	84-66-2		
2,4-Dimethylphenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	105-67-9		
Dimethylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	131-11-3		
Di-n-butylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:44	534-52-1		
2,4-Dinitrophenol	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 17:44	51-28-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-5		Lab ID: 92337797010		Collected: 04/18/17 15:35		Received: 04/20/17 09:27		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2,4-Dinitrotoluene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	121-14-2		
2,6-Dinitrotoluene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	606-20-2		
Di-n-octylphthalate	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	04/21/17 09:57	04/21/17 17:44	117-81-7		
Fluoranthene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	206-44-0		
Fluorene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	87-68-3		
Hexachlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	118-74-1		
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	77-47-4		
Hexachloroethane	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	193-39-5		
Isophorone	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	78-59-1		
1-Methylnaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	91-57-6		
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	95-48-7		
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44			
Naphthalene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	91-20-3		
2-Nitroaniline	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 17:44	88-74-4		
3-Nitroaniline	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 17:44	99-09-2		
4-Nitroaniline	ND	ug/L	20.0	1	04/21/17 09:57	04/21/17 17:44	100-01-6		
Nitrobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	98-95-3		
2-Nitrophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	88-75-5		
4-Nitrophenol	ND	ug/L	50.0	1	04/21/17 09:57	04/21/17 17:44	100-02-7		
N-Nitrosodimethylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	621-64-7		
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	86-30-6		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	108-60-1		
Pentachlorophenol	ND	ug/L	25.0	1	04/21/17 09:57	04/21/17 17:44	87-86-5		
Phenanthrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	85-01-8		
Phenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44			
Pyrene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	120-82-1		
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	04/21/17 09:57	04/21/17 17:44	88-06-2		
Surrogates									
Nitrobenzene-d5 (S)	54	%	21-110	1	04/21/17 09:57	04/21/17 17:44	4165-60-0		
2-Fluorobiphenyl (S)	58	%	27-110	1	04/21/17 09:57	04/21/17 17:44	321-60-8		
Terphenyl-d14 (S)	66	%	31-107	1	04/21/17 09:57	04/21/17 17:44	1718-51-0		
Phenol-d6 (S)	17	%	10-110	1	04/21/17 09:57	04/21/17 17:44	13127-88-3		
2-Fluorophenol (S)	29	%	12-110	1	04/21/17 09:57	04/21/17 17:44	367-12-4		
2,4,6-Tribromophenol (S)	67	%	27-110	1	04/21/17 09:57	04/21/17 17:44	118-79-6		
8260 MSV Low Level		Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/26/17 07:38	67-64-1		
Benzene	ND	ug/L	1.0	1		04/26/17 07:38	71-43-2		
Bromobenzene	ND	ug/L	1.0	1		04/26/17 07:38	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		04/26/17 07:38	74-97-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-5		Lab ID: 92337797010		Collected: 04/18/17 15:35		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/L	1.0	1		04/26/17 07:38	75-27-4		
Bromoform	ND	ug/L	1.0	1		04/26/17 07:38	75-25-2		
Bromomethane	ND	ug/L	2.0	1		04/26/17 07:38	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		04/26/17 07:38	78-93-3		
Carbon tetrachloride	ND	ug/L	1.0	1		04/26/17 07:38	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		04/26/17 07:38	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/26/17 07:38	75-00-3		
Chloroform	ND	ug/L	1.0	1		04/26/17 07:38	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/26/17 07:38	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 07:38	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		04/26/17 07:38	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/26/17 07:38	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		04/26/17 07:38	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/26/17 07:38	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		04/26/17 07:38	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:38	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:38	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:38	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/26/17 07:38	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		04/26/17 07:38	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		04/26/17 07:38	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:38	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:38	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/26/17 07:38	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:38	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:38	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		04/26/17 07:38	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:38	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:38	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/26/17 07:38	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	1		04/26/17 07:38	108-20-3		
Ethylbenzene	ND	ug/L	1.0	1		04/26/17 07:38	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/26/17 07:38	87-68-3		
2-Hexanone	ND	ug/L	5.0	1		04/26/17 07:38	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	1		04/26/17 07:38	99-87-6		
Methylene Chloride	ND	ug/L	2.0	1		04/26/17 07:38	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/26/17 07:38	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		04/26/17 07:38	1634-04-4		
Naphthalene	ND	ug/L	1.0	1		04/26/17 07:38	91-20-3		
Styrene	ND	ug/L	1.0	1		04/26/17 07:38	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 07:38	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/26/17 07:38	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		04/26/17 07:38	127-18-4		
Toluene	ND	ug/L	1.0	1		04/26/17 07:38	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:38	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/26/17 07:38	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/26/17 07:38	71-55-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Sample: GW-5		Lab ID: 92337797010		Collected: 04/18/17 15:35		Received: 04/20/17 09:27		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Low Level		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/26/17 07:38	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		04/26/17 07:38	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/26/17 07:38	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/26/17 07:38	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1		04/26/17 07:38	108-05-4		
Vinyl chloride	ND	ug/L	1.0	1		04/26/17 07:38	75-01-4		
Xylene (Total)	ND	ug/L	1.0	1		04/26/17 07:38	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/26/17 07:38	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/26/17 07:38	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130	1		04/26/17 07:38	460-00-4		
1,2-Dichloroethane-d4 (S)	115	%	70-130	1		04/26/17 07:38	17060-07-0		
Toluene-d8 (S)	109	%	70-130	1		04/26/17 07:38	2037-26-5		

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357682 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

METHOD BLANK: 1984123 Matrix: Water
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/28/17 11:16	

LABORATORY CONTROL SAMPLE: 1984124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.1	85	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1984125 1984126

Parameter	Units	92337797006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	1.7	2.5	2.5	4.2	3.8	102	85	75-125	10	25	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357683 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

METHOD BLANK: 1984127 Matrix: Solid
Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0060	04/25/17 17:26	

LABORATORY CONTROL SAMPLE: 1984128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.083	0.072	86	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1984129 1984130

Parameter	Units	92338015001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.022	.086	.083	0.092	0.078	80	68	75-125	16	20	M1

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357679 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

METHOD BLANK: 1984109 Matrix: Solid
Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	04/25/17 17:36	
Barium	mg/kg	ND	0.50	04/25/17 17:36	
Cadmium	mg/kg	ND	0.10	04/25/17 17:36	
Chromium	mg/kg	ND	0.50	04/25/17 17:36	
Lead	mg/kg	ND	0.50	04/25/17 17:36	
Selenium	mg/kg	ND	1.0	04/25/17 17:36	
Silver	mg/kg	ND	0.50	04/25/17 17:36	

LABORATORY CONTROL SAMPLE: 1984110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.0	96	80-120	
Barium	mg/kg	50	49.5	99	80-120	
Cadmium	mg/kg	50	49.2	98	80-120	
Chromium	mg/kg	50	49.2	98	80-120	
Lead	mg/kg	50	48.6	97	80-120	
Selenium	mg/kg	50	49.2	98	80-120	
Silver	mg/kg	25	24.4	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1984111 1984112

Parameter	Units	92337572001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	0.85	39.7	35.7	37.8	33.7	93	92	75-125	11	20	
Barium	mg/kg	45.3	39.7	35.7	85.6	80.9	101	100	75-125	6	20	
Cadmium	mg/kg	ND	39.7	35.7	38.0	34.0	96	95	75-125	11	20	
Chromium	mg/kg	10.9	39.7	35.7	47.2	42.6	92	89	75-125	10	20	
Lead	mg/kg	35.3	39.7	35.7	72.1	67.0	93	89	75-125	7	20	
Selenium	mg/kg	ND	39.7	35.7	37.6	33.8	94	93	75-125	11	20	
Silver	mg/kg	1.8	19.8	17.9	20.8	18.9	96	96	75-125	9	20	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357676 Analysis Method: EPA 6010
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

METHOD BLANK: 1984097 Matrix: Water
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	04/26/17 18:15	
Barium	ug/L	ND	5.0	04/26/17 18:15	
Cadmium	ug/L	ND	1.0	04/26/17 18:15	
Chromium	ug/L	ND	5.0	04/26/17 18:15	
Lead	ug/L	ND	5.0	04/26/17 18:15	
Selenium	ug/L	ND	10.0	04/26/17 18:15	
Silver	ug/L	ND	5.0	04/26/17 18:15	

LABORATORY CONTROL SAMPLE: 1984098

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	440	88	80-120	
Barium	ug/L	500	517	103	80-120	
Cadmium	ug/L	500	484	97	80-120	
Chromium	ug/L	500	505	101	80-120	
Lead	ug/L	500	467	93	80-120	
Selenium	ug/L	500	465	93	80-120	
Silver	ug/L	250	244	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1984099 1984100

Parameter	Units	92337955005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	500	500	462	437	92	87	75-125	6	20	
Barium	ug/L	125	500	500	679	646	111	104	75-125	5	20	
Cadmium	ug/L	ND	500	500	503	469	101	94	75-125	7	20	
Chromium	ug/L	ND	500	500	524	492	105	98	75-125	6	20	
Lead	ug/L	ND	500	500	472	445	94	89	75-125	6	20	
Selenium	ug/L	ND	500	500	380	357	76	71	75-125	6	20	M1
Silver	ug/L	ND	250	250	253	238	101	95	75-125	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357974 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

METHOD BLANK: 1985695 Matrix: Water
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/26/17 00:42	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/26/17 00:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/26/17 00:42	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/26/17 00:42	
1,1-Dichloroethane	ug/L	ND	1.0	04/26/17 00:42	
1,1-Dichloroethene	ug/L	ND	1.0	04/26/17 00:42	
1,1-Dichloropropene	ug/L	ND	1.0	04/26/17 00:42	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/26/17 00:42	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/26/17 00:42	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/26/17 00:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/26/17 00:42	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/26/17 00:42	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/26/17 00:42	
1,2-Dichloroethane	ug/L	ND	1.0	04/26/17 00:42	
1,2-Dichloropropane	ug/L	ND	1.0	04/26/17 00:42	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/26/17 00:42	
1,3-Dichloropropane	ug/L	ND	1.0	04/26/17 00:42	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/26/17 00:42	
2,2-Dichloropropane	ug/L	ND	1.0	04/26/17 00:42	
2-Butanone (MEK)	ug/L	ND	5.0	04/26/17 00:42	
2-Chlorotoluene	ug/L	ND	1.0	04/26/17 00:42	
2-Hexanone	ug/L	ND	5.0	04/26/17 00:42	
4-Chlorotoluene	ug/L	ND	1.0	04/26/17 00:42	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/26/17 00:42	
Acetone	ug/L	ND	25.0	04/26/17 00:42	
Benzene	ug/L	ND	1.0	04/26/17 00:42	
Bromobenzene	ug/L	ND	1.0	04/26/17 00:42	
Bromochloromethane	ug/L	ND	1.0	04/26/17 00:42	
Bromodichloromethane	ug/L	ND	1.0	04/26/17 00:42	
Bromoform	ug/L	ND	1.0	04/26/17 00:42	
Bromomethane	ug/L	ND	2.0	04/26/17 00:42	
Carbon tetrachloride	ug/L	ND	1.0	04/26/17 00:42	
Chlorobenzene	ug/L	ND	1.0	04/26/17 00:42	
Chloroethane	ug/L	ND	1.0	04/26/17 00:42	
Chloroform	ug/L	ND	1.0	04/26/17 00:42	
Chloromethane	ug/L	ND	1.0	04/26/17 00:42	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/26/17 00:42	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/26/17 00:42	
Dibromochloromethane	ug/L	ND	1.0	04/26/17 00:42	
Dibromomethane	ug/L	ND	1.0	04/26/17 00:42	
Dichlorodifluoromethane	ug/L	ND	1.0	04/26/17 00:42	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

METHOD BLANK: 1985695

Matrix: Water

Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	04/26/17 00:42	
Ethylbenzene	ug/L	ND	1.0	04/26/17 00:42	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/26/17 00:42	
m&p-Xylene	ug/L	ND	2.0	04/26/17 00:42	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/26/17 00:42	
Methylene Chloride	ug/L	ND	2.0	04/26/17 00:42	
Naphthalene	ug/L	ND	1.0	04/26/17 00:42	
o-Xylene	ug/L	ND	1.0	04/26/17 00:42	
p-Isopropyltoluene	ug/L	ND	1.0	04/26/17 00:42	
Styrene	ug/L	ND	1.0	04/26/17 00:42	
Tetrachloroethene	ug/L	ND	1.0	04/26/17 00:42	
Toluene	ug/L	ND	1.0	04/26/17 00:42	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/26/17 00:42	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/26/17 00:42	
Trichloroethene	ug/L	ND	1.0	04/26/17 00:42	
Trichlorofluoromethane	ug/L	ND	1.0	04/26/17 00:42	
Vinyl acetate	ug/L	ND	2.0	04/26/17 00:42	
Vinyl chloride	ug/L	ND	1.0	04/26/17 00:42	
Xylene (Total)	ug/L	ND	1.0	04/26/17 00:42	
1,2-Dichloroethane-d4 (S)	%	112	70-130	04/26/17 00:42	
4-Bromofluorobenzene (S)	%	101	70-130	04/26/17 00:42	
Toluene-d8 (S)	%	107	70-130	04/26/17 00:42	

LABORATORY CONTROL SAMPLE: 1985696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	70-130	
1,1,1-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	70-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	52.6	105	70-130	
1,1-Dichloroethene	ug/L	50	53.3	107	70-132	
1,1-Dichloropropene	ug/L	50	56.5	113	70-130	
1,2,3-Trichlorobenzene	ug/L	50	50.2	100	70-135	
1,2,3-Trichloropropane	ug/L	50	51.3	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.5	99	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	51.5	103	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	54.8	110	70-130	
1,2-Dichloropropane	ug/L	50	52.6	105	70-130	
1,3-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,3-Dichloropropane	ug/L	50	57.0	114	70-130	
1,4-Dichlorobenzene	ug/L	50	48.4	97	70-130	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

LABORATORY CONTROL SAMPLE: 1985696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	48.6	97	58-145	
2-Butanone (MEK)	ug/L	100	111	111	70-145	
2-Chlorotoluene	ug/L	50	51.7	103	70-130	
2-Hexanone	ug/L	100	102	102	70-144	
4-Chlorotoluene	ug/L	50	51.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.6	100	70-140	
Acetone	ug/L	100	106	106	50-175	
Benzene	ug/L	50	54.0	108	70-130	
Bromobenzene	ug/L	50	52.1	104	70-130	
Bromochloromethane	ug/L	50	48.6	97	70-130	
Bromodichloromethane	ug/L	50	50.8	102	70-130	
Bromoform	ug/L	50	47.9	96	70-130	
Bromomethane	ug/L	50	43.9	88	54-130	
Carbon tetrachloride	ug/L	50	49.0	98	70-132	
Chlorobenzene	ug/L	50	51.7	103	70-130	
Chloroethane	ug/L	50	50.6	101	64-134	
Chloroform	ug/L	50	49.0	98	70-130	
Chloromethane	ug/L	50	38.6	77	64-130	
cis-1,2-Dichloroethene	ug/L	50	51.4	103	70-131	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	70-130	
Dibromochloromethane	ug/L	50	50.6	101	70-130	
Dibromomethane	ug/L	50	47.0	94	70-131	
Dichlorodifluoromethane	ug/L	50	50.0	100	56-130	
Diisopropyl ether	ug/L	50	52.2	104	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	57.7	115	70-130	
Methylene Chloride	ug/L	50	51.1	102	63-130	
Naphthalene	ug/L	50	50.9	102	70-138	
o-Xylene	ug/L	50	51.6	103	70-130	
p-Isopropyltoluene	ug/L	50	47.2	94	70-130	
Styrene	ug/L	50	50.6	101	70-130	
Tetrachloroethene	ug/L	50	48.8	98	70-130	
Toluene	ug/L	50	51.4	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.7	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.1	106	70-132	
Trichloroethene	ug/L	50	49.7	99	70-130	
Trichlorofluoromethane	ug/L	50	56.8	114	62-133	
Vinyl acetate	ug/L	100	116	116	66-157	
Vinyl chloride	ug/L	50	49.1	98	50-150	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			116	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE SAMPLE:		1986418	92337621005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.0	105	70-130		
1,1,1-Trichloroethane	ug/L	ND	20	23.9	119	70-130		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.8	109	70-130		
1,1,2-Trichloroethane	ug/L	ND	20	22.0	110	70-130		
1,1-Dichloroethane	ug/L	ND	20	24.6	123	70-130		
1,1-Dichloroethene	ug/L	ND	20	25.6	128	70-166		
1,1-Dichloropropene	ug/L	ND	20	26.5	133	70-130	M1	
1,2,3-Trichlorobenzene	ug/L	ND	20	22.4	112	70-130		
1,2,3-Trichloropropane	ug/L	ND	20	21.3	106	70-130		
1,2,4-Trichlorobenzene	ug/L	ND	20	22.5	112	70-130		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	23.7	119	70-130		
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.4	107	70-130		
1,2-Dichlorobenzene	ug/L	ND	20	22.4	112	70-130		
1,2-Dichloroethane	ug/L	ND	20	24.8	124	70-130		
1,2-Dichloropropane	ug/L	ND	20	24.2	121	70-130		
1,3-Dichlorobenzene	ug/L	ND	20	21.8	109	70-130		
1,3-Dichloropropane	ug/L	ND	20	24.0	120	70-130		
1,4-Dichlorobenzene	ug/L	ND	20	22.4	112	70-130		
2,2-Dichloropropane	ug/L	ND	20	24.6	123	70-130		
2-Butanone (MEK)	ug/L	ND	40	46.6	116	70-130		
2-Chlorotoluene	ug/L	ND	20	24.1	121	70-130		
2-Hexanone	ug/L	ND	40	45.5	114	70-130		
4-Chlorotoluene	ug/L	ND	20	24.0	120	70-130		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	43.2	108	70-130		
Acetone	ug/L	ND	40	47.1	106	70-130		
Benzene	ug/L	ND	20	25.1	126	70-148		
Bromobenzene	ug/L	ND	20	24.0	120	70-130		
Bromochloromethane	ug/L	ND	20	23.0	115	70-130		
Bromodichloromethane	ug/L	ND	20	22.6	113	70-130		
Bromoform	ug/L	ND	20	19.0	95	70-130		
Bromomethane	ug/L	ND	20	16.3	81	70-130		
Carbon tetrachloride	ug/L	ND	20	22.9	114	70-130		
Chlorobenzene	ug/L	ND	20	23.0	115	70-146		
Chloroethane	ug/L	ND	20	23.1	116	70-130		
Chloroform	ug/L	ND	20	22.7	113	70-130		
Chloromethane	ug/L	ND	20	15.8	79	70-130		
cis-1,2-Dichloroethene	ug/L	ND	20	24.3	122	70-130		
cis-1,3-Dichloropropene	ug/L	ND	20	24.0	120	70-130		
Dibromochloromethane	ug/L	ND	20	20.7	103	70-130		
Dibromomethane	ug/L	ND	20	21.5	108	70-130		
Dichlorodifluoromethane	ug/L	ND	20	15.3	77	70-130		
Diisopropyl ether	ug/L	ND	20	22.1	111	70-130		
Ethylbenzene	ug/L	ND	20	24.2	121	70-130		
Hexachloro-1,3-butadiene	ug/L	ND	20	24.4	122	70-130		
m&p-Xylene	ug/L	ND	40	47.9	120	70-130		
Methyl-tert-butyl ether	ug/L	ND	20	25.9	126	70-130		
Methylene Chloride	ug/L	ND	20	22.7	114	70-130		

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE SAMPLE: 1986418		92337621005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Naphthalene	ug/L	ND	20	22.8	114	70-130	
o-Xylene	ug/L	ND	20	23.7	119	70-130	
p-Isopropyltoluene	ug/L	ND	20	21.6	108	70-130	
Styrene	ug/L	ND	20	22.8	114	70-130	
Tetrachloroethene	ug/L	ND	20	21.5	107	70-130	
Toluene	ug/L	ND	20	24.5	122	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	25.9	130	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	23.3	117	70-130	
Trichloroethene	ug/L	ND	20	23.2	116	69-151	
Trichlorofluoromethane	ug/L	ND	20	27.1	135	70-130	M1
Vinyl acetate	ug/L	ND	40	48.3	121	70-130	
Vinyl chloride	ug/L	ND	20	21.1	106	70-130	
1,2-Dichloroethane-d4 (S)	%				118	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				102	70-130	

SAMPLE DUPLICATE: 1986419

Parameter	Units	92337995004	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

SAMPLE DUPLICATE: 1986419

Parameter	Units	92337995004 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	110	106	4		
4-Bromofluorobenzene (S)	%	99	102	3		
Toluene-d8 (S)	%	110	112	2		

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357419 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

METHOD BLANK: 1982653 Matrix: Solid
Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.4	04/20/17 13:00	
1,1,1-Trichloroethane	ug/kg	ND	5.4	04/20/17 13:00	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.4	04/20/17 13:00	
1,1,2-Trichloroethane	ug/kg	ND	5.4	04/20/17 13:00	
1,1-Dichloroethane	ug/kg	ND	5.4	04/20/17 13:00	
1,1-Dichloroethene	ug/kg	ND	5.4	04/20/17 13:00	
1,1-Dichloropropene	ug/kg	ND	5.4	04/20/17 13:00	
1,2,3-Trichlorobenzene	ug/kg	ND	5.4	04/20/17 13:00	
1,2,3-Trichloropropane	ug/kg	ND	5.4	04/20/17 13:00	
1,2,4-Trichlorobenzene	ug/kg	ND	5.4	04/20/17 13:00	
1,2,4-Trimethylbenzene	ug/kg	ND	5.4	04/20/17 13:00	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.4	04/20/17 13:00	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.4	04/20/17 13:00	
1,2-Dichlorobenzene	ug/kg	ND	5.4	04/20/17 13:00	
1,2-Dichloroethane	ug/kg	ND	5.4	04/20/17 13:00	
1,2-Dichloropropane	ug/kg	ND	5.4	04/20/17 13:00	
1,3,5-Trimethylbenzene	ug/kg	ND	5.4	04/20/17 13:00	
1,3-Dichlorobenzene	ug/kg	ND	5.4	04/20/17 13:00	
1,3-Dichloropropane	ug/kg	ND	5.4	04/20/17 13:00	
1,4-Dichlorobenzene	ug/kg	ND	5.4	04/20/17 13:00	
2,2-Dichloropropane	ug/kg	ND	5.4	04/20/17 13:00	
2-Butanone (MEK)	ug/kg	ND	108	04/20/17 13:00	
2-Chlorotoluene	ug/kg	ND	5.4	04/20/17 13:00	
2-Hexanone	ug/kg	ND	53.9	04/20/17 13:00	
4-Chlorotoluene	ug/kg	ND	5.4	04/20/17 13:00	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	53.9	04/20/17 13:00	
Acetone	ug/kg	ND	108	04/20/17 13:00	
Benzene	ug/kg	ND	5.4	04/20/17 13:00	
Bromobenzene	ug/kg	ND	5.4	04/20/17 13:00	
Bromochloromethane	ug/kg	ND	5.4	04/20/17 13:00	
Bromodichloromethane	ug/kg	ND	5.4	04/20/17 13:00	
Bromoform	ug/kg	ND	5.4	04/20/17 13:00	
Bromomethane	ug/kg	ND	10.8	04/20/17 13:00	
Carbon tetrachloride	ug/kg	ND	5.4	04/20/17 13:00	
Chlorobenzene	ug/kg	ND	5.4	04/20/17 13:00	
Chloroethane	ug/kg	ND	10.8	04/20/17 13:00	
Chloroform	ug/kg	ND	5.4	04/20/17 13:00	
Chloromethane	ug/kg	ND	10.8	04/20/17 13:00	
cis-1,2-Dichloroethene	ug/kg	ND	5.4	04/20/17 13:00	
cis-1,3-Dichloropropene	ug/kg	ND	5.4	04/20/17 13:00	
Dibromochloromethane	ug/kg	ND	5.4	04/20/17 13:00	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

METHOD BLANK: 1982653

Matrix: Solid

Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.4	04/20/17 13:00	
Dichlorodifluoromethane	ug/kg	ND	10.8	04/20/17 13:00	
Diisopropyl ether	ug/kg	ND	5.4	04/20/17 13:00	
Ethylbenzene	ug/kg	ND	5.4	04/20/17 13:00	
Hexachloro-1,3-butadiene	ug/kg	ND	5.4	04/20/17 13:00	
Isopropylbenzene (Cumene)	ug/kg	ND	5.4	04/20/17 13:00	
m&p-Xylene	ug/kg	ND	10.8	04/20/17 13:00	
Methyl-tert-butyl ether	ug/kg	ND	5.4	04/20/17 13:00	
Methylene Chloride	ug/kg	ND	21.6	04/20/17 13:00	
n-Butylbenzene	ug/kg	ND	5.4	04/20/17 13:00	
n-Propylbenzene	ug/kg	ND	5.4	04/20/17 13:00	
Naphthalene	ug/kg	ND	5.4	04/20/17 13:00	
o-Xylene	ug/kg	ND	5.4	04/20/17 13:00	
p-Isopropyltoluene	ug/kg	ND	5.4	04/20/17 13:00	
sec-Butylbenzene	ug/kg	ND	5.4	04/20/17 13:00	
Styrene	ug/kg	ND	5.4	04/20/17 13:00	
tert-Butylbenzene	ug/kg	ND	5.4	04/20/17 13:00	
Tetrachloroethene	ug/kg	ND	5.4	04/20/17 13:00	
Toluene	ug/kg	ND	5.4	04/20/17 13:00	
trans-1,2-Dichloroethene	ug/kg	ND	5.4	04/20/17 13:00	
trans-1,3-Dichloropropene	ug/kg	ND	5.4	04/20/17 13:00	
Trichloroethene	ug/kg	ND	5.4	04/20/17 13:00	
Trichlorofluoromethane	ug/kg	ND	5.4	04/20/17 13:00	
Vinyl acetate	ug/kg	ND	53.9	04/20/17 13:00	
Vinyl chloride	ug/kg	ND	10.8	04/20/17 13:00	
Xylene (Total)	ug/kg	ND	10.8	04/20/17 13:00	
1,2-Dichloroethane-d4 (S)	%	118	70-132	04/20/17 13:00	
4-Bromofluorobenzene (S)	%	93	70-130	04/20/17 13:00	
Toluene-d8 (S)	%	100	70-130	04/20/17 13:00	

LABORATORY CONTROL SAMPLE: 1982654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	51.2	53.4	104	74-137	
1,1,1-Trichloroethane	ug/kg	51.2	46.6	91	67-140	
1,1,2,2-Tetrachloroethane	ug/kg	51.2	53.0	103	72-141	
1,1,2-Trichloroethane	ug/kg	51.2	54.5	106	78-138	
1,1-Dichloroethane	ug/kg	51.2	46.5	91	69-134	
1,1-Dichloroethene	ug/kg	51.2	47.2	92	67-138	
1,1-Dichloropropene	ug/kg	51.2	50.0	98	69-139	
1,2,3-Trichlorobenzene	ug/kg	51.2	59.9	117	70-146	
1,2,3-Trichloropropane	ug/kg	51.2	58.6	114	69-144	
1,2,4-Trichlorobenzene	ug/kg	51.2	59.3	116	68-148	
1,2,4-Trimethylbenzene	ug/kg	51.2	53.3	104	74-137	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

LABORATORY CONTROL SAMPLE: 1982654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/kg	51.2	61.7	120	65-140	
1,2-Dibromoethane (EDB)	ug/kg	51.2	55.5	108	77-135	
1,2-Dichlorobenzene	ug/kg	51.2	59.0	115	77-141	
1,2-Dichloroethane	ug/kg	51.2	49.6	97	65-137	
1,2-Dichloropropane	ug/kg	51.2	51.6	101	72-136	
1,3,5-Trimethylbenzene	ug/kg	51.2	51.6	101	76-133	
1,3-Dichlorobenzene	ug/kg	51.2	55.3	108	74-138	
1,3-Dichloropropane	ug/kg	51.2	57.9	113	71-139	
1,4-Dichlorobenzene	ug/kg	51.2	55.6	108	76-138	
2,2-Dichloropropane	ug/kg	51.2	46.2	90	68-137	
2-Butanone (MEK)	ug/kg	102	117	114	58-147	
2-Chlorotoluene	ug/kg	51.2	54.6	107	73-139	
2-Hexanone	ug/kg	102	118	115	62-145	
4-Chlorotoluene	ug/kg	51.2	54.3	106	76-141	
4-Methyl-2-pentanone (MIBK)	ug/kg	102	111	108	64-149	
Acetone	ug/kg	102	96.8J	94	53-153	
Benzene	ug/kg	51.2	49.2	96	73-135	
Bromobenzene	ug/kg	51.2	56.5	110	75-133	
Bromochloromethane	ug/kg	51.2	51.4	100	73-134	
Bromodichloromethane	ug/kg	51.2	52.2	102	71-135	
Bromoform	ug/kg	51.2	56.4	110	66-141	
Bromomethane	ug/kg	51.2	47.2	92	53-160	
Carbon tetrachloride	ug/kg	51.2	45.3	89	60-145	
Chlorobenzene	ug/kg	51.2	52.8	103	78-130	
Chloroethane	ug/kg	51.2	55.8	109	64-149	
Chloroform	ug/kg	51.2	49.4	96	70-134	
Chloromethane	ug/kg	51.2	55.8	109	52-150	
cis-1,2-Dichloroethene	ug/kg	51.2	49.9	97	70-133	
cis-1,3-Dichloropropene	ug/kg	51.2	54.0	105	68-134	
Dibromochloromethane	ug/kg	51.2	57.3	112	71-138	
Dibromomethane	ug/kg	51.2	52.2	102	74-130	
Dichlorodifluoromethane	ug/kg	51.2	46.4	91	40-160	
Diisopropyl ether	ug/kg	51.2	49.2	96	69-141	
Ethylbenzene	ug/kg	51.2	49.6	97	75-133	
Hexachloro-1,3-butadiene	ug/kg	51.2	52.9	103	68-143	
Isopropylbenzene (Cumene)	ug/kg	51.2	49.1	96	76-143	
m&p-Xylene	ug/kg	102	97.7	95	75-136	
Methyl-tert-butyl ether	ug/kg	51.2	50.1	98	68-144	
Methylene Chloride	ug/kg	51.2	47.1	92	45-154	
n-Butylbenzene	ug/kg	51.2	51.0	100	72-137	
n-Propylbenzene	ug/kg	51.2	50.2	98	76-136	
Naphthalene	ug/kg	51.2	62.5	122	68-151	
o-Xylene	ug/kg	51.2	52.0	101	76-141	
p-Isopropyltoluene	ug/kg	51.2	49.5	97	76-140	
sec-Butylbenzene	ug/kg	51.2	50.5	99	79-139	
Styrene	ug/kg	51.2	54.3	106	79-137	
tert-Butylbenzene	ug/kg	51.2	46.3	90	74-143	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

LABORATORY CONTROL SAMPLE: 1982654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	51.2	43.7	85	71-138	
Toluene	ug/kg	51.2	46.5	91	74-131	
trans-1,2-Dichloroethene	ug/kg	51.2	47.2	92	67-135	
trans-1,3-Dichloropropene	ug/kg	51.2	54.9	107	65-146	
Trichloroethene	ug/kg	51.2	50.5	98	67-135	
Trichlorofluoromethane	ug/kg	51.2	53.0	103	59-144	
Vinyl acetate	ug/kg	102	51.5	50	40-160	
Vinyl chloride	ug/kg	51.2	42.2	82	56-141	
Xylene (Total)	ug/kg	154	150	97	76-137	
1,2-Dichloroethane-d4 (S)	%			114	70-132	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 1983200

Parameter	Units	92337671002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	18.5	13.9	75	70-130	
1,1,1-Trichloroethane	ug/kg	ND	18.5	15.6	84	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	ND	18.5	13.6	74	70-130	
1,1,2-Trichloroethane	ug/kg	ND	18.5	17.0	92	70-130	
1,1-Dichloroethane	ug/kg	ND	18.5	15.3	83	70-130	
1,1-Dichloroethene	ug/kg	ND	18.5	15.5	84	49-180	
1,1-Dichloropropene	ug/kg	ND	18.5	15.6	84	70-130	
1,2,3-Trichlorobenzene	ug/kg	ND	18.5	7.6	41	70-130 M1	
1,2,3-Trichloropropane	ug/kg	ND	18.5	15.2	82	70-130	
1,2,4-Trichlorobenzene	ug/kg	ND	18.5	7.9	43	70-130 M1	
1,2,4-Trimethylbenzene	ug/kg	ND	18.5	13.6	68	70-130 M1	
1,2-Dibromo-3-chloropropane	ug/kg	ND	18.5	13.7	74	70-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	18.5	14.6	79	70-130	
1,2-Dichlorobenzene	ug/kg	ND	18.5	10.4	56	70-130 M1	
1,2-Dichloroethane	ug/kg	ND	18.5	15.0	81	70-130	
1,2-Dichloropropane	ug/kg	ND	18.5	15.7	85	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	18.5	12.9	68	70-130 M1	
1,3-Dichlorobenzene	ug/kg	ND	18.5	10.2	55	70-130 M1	
1,3-Dichloropropane	ug/kg	ND	18.5	15.8	85	70-130	
1,4-Dichlorobenzene	ug/kg	ND	18.5	10.4	56	70-130 M1	
2,2-Dichloropropane	ug/kg	ND	18.5	15.7	85	70-130	
2-Butanone (MEK)	ug/kg	ND	37	30.4J	82	70-130	
2-Chlorotoluene	ug/kg	ND	18.5	12.6	68	70-130 M1	
2-Hexanone	ug/kg	ND	37	29.5J	80	70-130	
4-Chlorotoluene	ug/kg	ND	18.5	12.1	65	70-130 M1	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	37	29.9J	81	70-130	
Acetone	ug/kg	ND	37	34.8J	67	70-130 M1	
Benzene	ug/kg	ND	18.5	15.8	86	50-166	
Bromobenzene	ug/kg	ND	18.5	12.8	69	70-130 M1	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE SAMPLE: 1983200		92337671002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromochloromethane	ug/kg	ND	18.5	15.7	85	70-130	
Bromodichloromethane	ug/kg	ND	18.5	15.5	84	70-130	
Bromoform	ug/kg	ND	18.5	12.5	68	70-130	M1
Bromomethane	ug/kg	ND	18.5	15.0	81	70-130	
Carbon tetrachloride	ug/kg	ND	18.5	14.9	81	70-130	
Chlorobenzene	ug/kg	ND	18.5	13.3	72	43-169	
Chloroethane	ug/kg	ND	18.5	19.0	103	70-130	
Chloroform	ug/kg	ND	18.5	15.6	84	70-130	
Chloromethane	ug/kg	ND	18.5	18.1	98	70-130	
cis-1,2-Dichloroethene	ug/kg	ND	18.5	15.9	86	70-130	
cis-1,3-Dichloropropene	ug/kg	ND	18.5	15.0	81	70-130	
Dibromochloromethane	ug/kg	ND	18.5	13.8	75	70-130	
Dibromomethane	ug/kg	ND	18.5	14.6	79	70-130	
Dichlorodifluoromethane	ug/kg	ND	18.5	16.2	88	70-130	
Diisopropyl ether	ug/kg	ND	18.5	15.3	83	70-130	
Ethylbenzene	ug/kg	ND	18.5	13.8	74	70-130	
Hexachloro-1,3-butadiene	ug/kg	ND	18.5	11.4	61	70-130	M1
Isopropylbenzene (Cumene)	ug/kg	ND	18.5	13.4	72	70-130	
m&p-Xylene	ug/kg	ND	37	26.0	70	70-130	
Methyl-tert-butyl ether	ug/kg	ND	18.5	14.7	80	70-130	
Methylene Chloride	ug/kg	ND	18.5	17.2J	85	70-130	
n-Butylbenzene	ug/kg	ND	18.5	12.1	64	70-130	M1
n-Propylbenzene	ug/kg	ND	18.5	13.4	71	70-130	
Naphthalene	ug/kg	ND	18.5	8.0	41	70-130	M1
o-Xylene	ug/kg	ND	18.5	13.5	73	70-130	
p-Isopropyltoluene	ug/kg	ND	18.5	12.6	66	70-130	M1
sec-Butylbenzene	ug/kg	ND	18.5	12.9	69	70-130	M1
Styrene	ug/kg	ND	18.5	12.0	65	70-130	M1
tert-Butylbenzene	ug/kg	ND	18.5	12.1	65	70-130	M1
Tetrachloroethene	ug/kg	ND	18.5	12.6	68	70-130	M1
Toluene	ug/kg	ND	18.5	14.2	77	52-163	
trans-1,2-Dichloroethene	ug/kg	ND	18.5	15.5	84	70-130	
trans-1,3-Dichloropropene	ug/kg	ND	18.5	14.2	77	70-130	
Trichloroethene	ug/kg	ND	18.5	14.8	80	49-167	
Trichlorofluoromethane	ug/kg	ND	18.5	17.5	95	70-130	
Vinyl acetate	ug/kg	ND	37	19.5J	53	70-130	M1
Vinyl chloride	ug/kg	ND	18.5	13.7	74	70-130	
1,2-Dichloroethane-d4 (S)	%				113	70-132	
4-Bromofluorobenzene (S)	%				97	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 1982758

Parameter	Units	92337732001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

SAMPLE DUPLICATE: 1982758

Parameter	Units	92337732001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

SAMPLE DUPLICATE: 1982758

Parameter	Units	92337732001 Result	Dup Result	RPD	Max RPD	Qualifiers
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	9.7J		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	125	119	17		
4-Bromofluorobenzene (S)	%	96	95	21		
Toluene-d8 (S)	%	101	100	22		

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357522 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 92337797001, 92337797003, 92337797004, 92337797005

METHOD BLANK: 1983182 Matrix: Solid
Associated Lab Samples: 92337797001, 92337797003, 92337797004, 92337797005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	04/21/17 18:12	
1,2-Dichlorobenzene	ug/kg	ND	330	04/21/17 18:12	
1,3-Dichlorobenzene	ug/kg	ND	330	04/21/17 18:12	
1,4-Dichlorobenzene	ug/kg	ND	330	04/21/17 18:12	
1-Methylnaphthalene	ug/kg	ND	330	04/21/17 18:12	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	330	04/21/17 18:12	
2,4,5-Trichlorophenol	ug/kg	ND	330	04/21/17 18:12	
2,4,6-Trichlorophenol	ug/kg	ND	330	04/21/17 18:12	
2,4-Dichlorophenol	ug/kg	ND	330	04/21/17 18:12	
2,4-Dimethylphenol	ug/kg	ND	330	04/21/17 18:12	
2,4-Dinitrophenol	ug/kg	ND	1650	04/21/17 18:12	
2,4-Dinitrotoluene	ug/kg	ND	330	04/21/17 18:12	
2,6-Dinitrotoluene	ug/kg	ND	330	04/21/17 18:12	
2-Chloronaphthalene	ug/kg	ND	330	04/21/17 18:12	
2-Chlorophenol	ug/kg	ND	330	04/21/17 18:12	
2-Methylnaphthalene	ug/kg	ND	330	04/21/17 18:12	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	04/21/17 18:12	
2-Nitroaniline	ug/kg	ND	1650	04/21/17 18:12	
2-Nitrophenol	ug/kg	ND	330	04/21/17 18:12	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	04/21/17 18:12	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	04/21/17 18:12	
3-Nitroaniline	ug/kg	ND	1650	04/21/17 18:12	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	04/21/17 18:12	
4-Bromophenylphenyl ether	ug/kg	ND	330	04/21/17 18:12	
4-Chloro-3-methylphenol	ug/kg	ND	660	04/21/17 18:12	
4-Chloroaniline	ug/kg	ND	1650	04/21/17 18:12	
4-Chlorophenylphenyl ether	ug/kg	ND	330	04/21/17 18:12	
4-Nitroaniline	ug/kg	ND	660	04/21/17 18:12	
4-Nitrophenol	ug/kg	ND	1650	04/21/17 18:12	
Acenaphthene	ug/kg	ND	330	04/21/17 18:12	
Acenaphthylene	ug/kg	ND	330	04/21/17 18:12	
Aniline	ug/kg	ND	330	04/21/17 18:12	
Anthracene	ug/kg	ND	330	04/21/17 18:12	
Benzo(a)anthracene	ug/kg	ND	330	04/21/17 18:12	
Benzo(a)pyrene	ug/kg	ND	330	04/21/17 18:12	
Benzo(b)fluoranthene	ug/kg	ND	330	04/21/17 18:12	
Benzo(g,h,i)perylene	ug/kg	ND	330	04/21/17 18:12	
Benzo(k)fluoranthene	ug/kg	ND	330	04/21/17 18:12	
Benzoic Acid	ug/kg	ND	1650	04/21/17 18:12	
Benzyl alcohol	ug/kg	ND	660	04/21/17 18:12	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	04/21/17 18:12	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

PACE Project No.: 92337797

METHOD BLANK: 1983182

Matrix: Solid

Associated Lab Samples: 92337797001, 92337797003, 92337797004, 92337797005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/kg	ND	330	04/21/17 18:12	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	04/21/17 18:12	
Butylbenzylphthalate	ug/kg	ND	330	04/21/17 18:12	
Chrysene	ug/kg	ND	330	04/21/17 18:12	
Di-n-butylphthalate	ug/kg	ND	330	04/21/17 18:12	
Di-n-octylphthalate	ug/kg	ND	330	04/21/17 18:12	
Dibenz(a,h)anthracene	ug/kg	ND	330	04/21/17 18:12	
Dibenzofuran	ug/kg	ND	330	04/21/17 18:12	
Diethylphthalate	ug/kg	ND	330	04/21/17 18:12	
Dimethylphthalate	ug/kg	ND	330	04/21/17 18:12	
Fluoranthene	ug/kg	ND	330	04/21/17 18:12	
Fluorene	ug/kg	ND	330	04/21/17 18:12	
Hexachloro-1,3-butadiene	ug/kg	ND	330	04/21/17 18:12	
Hexachlorobenzene	ug/kg	ND	330	04/21/17 18:12	
Hexachlorocyclopentadiene	ug/kg	ND	330	04/21/17 18:12	
Hexachloroethane	ug/kg	ND	330	04/21/17 18:12	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	04/21/17 18:12	
Isophorone	ug/kg	ND	330	04/21/17 18:12	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	04/21/17 18:12	
N-Nitrosodimethylamine	ug/kg	ND	330	04/21/17 18:12	
N-Nitrosodiphenylamine	ug/kg	ND	330	04/21/17 18:12	
Naphthalene	ug/kg	ND	330	04/21/17 18:12	
Nitrobenzene	ug/kg	ND	330	04/21/17 18:12	
Pentachlorophenol	ug/kg	ND	1650	04/21/17 18:12	
Phenanthrene	ug/kg	ND	330	04/21/17 18:12	
Phenol	ug/kg	ND	330	04/21/17 18:12	
Pyrene	ug/kg	ND	330	04/21/17 18:12	
2,4,6-Tribromophenol (S)	%	38	27-110	04/21/17 18:12	
2-Fluorobiphenyl (S)	%	37	30-110	04/21/17 18:12	
2-Fluorophenol (S)	%	35	13-110	04/21/17 18:12	
Nitrobenzene-d5 (S)	%	33	23-110	04/21/17 18:12	
Phenol-d6 (S)	%	33	22-110	04/21/17 18:12	
Terphenyl-d14 (S)	%	51	28-110	04/21/17 18:12	

LABORATORY CONTROL SAMPLE: 1983183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1230	74	36-120	
1,2-Dichlorobenzene	ug/kg	1670	1190	71	41-120	
1,3-Dichlorobenzene	ug/kg	1670	1210	72	66-120	
1,4-Dichlorobenzene	ug/kg	1670	1190	71	42-120	
1-Methylnaphthalene	ug/kg	1670	1300	78	40-120	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1130	68	17-120	
2,4,5-Trichlorophenol	ug/kg	1670	1140	68	37-120	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

LABORATORY CONTROL SAMPLE: 1983183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/kg	1670	1270	76	40-120	
2,4-Dichlorophenol	ug/kg	1670	1300	78	33-120	
2,4-Dimethylphenol	ug/kg	1670	1360	82	36-120	
2,4-Dinitrophenol	ug/kg	8330	5300	64	22-121	
2,4-Dinitrotoluene	ug/kg	1670	1620	97	60-120	
2,6-Dinitrotoluene	ug/kg	1670	1530	92	54-120	
2-Chloronaphthalene	ug/kg	1670	1220	73	41-120	
2-Chlorophenol	ug/kg	1670	1270	76	39-120	
2-Methylnaphthalene	ug/kg	1670	1330	80	26-120	
2-Methylphenol(o-Cresol)	ug/kg	1670	1190	72	41-120	
2-Nitroaniline	ug/kg	3330	2370	71	45-120	
2-Nitrophenol	ug/kg	1670	1170	70	35-120	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1200	72	35-120	
3,3'-Dichlorobenzidine	ug/kg	3330	2220	67	16-125	
3-Nitroaniline	ug/kg	3330	2700	81	45-120	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2300	69	46-120	
4-Bromophenylphenyl ether	ug/kg	1670	1290	78	36-120	
4-Chloro-3-methylphenol	ug/kg	3330	2920	88	37-120	
4-Chloroaniline	ug/kg	3330	2530	76	35-120	
4-Chlorophenylphenyl ether	ug/kg	1670	1260	76	30-120	
4-Nitroaniline	ug/kg	3330	2900	87	48-120	
4-Nitrophenol	ug/kg	8330	6420	77	43-120	
Acenaphthene	ug/kg	1670	1270	76	46-120	
Acenaphthylene	ug/kg	1670	1240	74	46-120	
Aniline	ug/kg	1670	951	57	33-120	
Anthracene	ug/kg	1670	1320	79	63-120	
Benzo(a)anthracene	ug/kg	1670	1250	75	61-120	
Benzo(a)pyrene	ug/kg	1670	1320	79	59-120	
Benzo(b)fluoranthene	ug/kg	1670	1220	73	55-120	
Benzo(g,h,i)perylene	ug/kg	1670	1310	78	57-120	
Benzo(k)fluoranthene	ug/kg	1670	1410	84	56-120	
Benzoic Acid	ug/kg	8330	3720	45	13-120	
Benzyl alcohol	ug/kg	3330	2380	71	34-120	
bis(2-Chloroethoxy)methane	ug/kg	1670	1220	73	21-120	
bis(2-Chloroethyl) ether	ug/kg	1670	1180	71	25-120	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1410	84	56-123	
Butylbenzylphthalate	ug/kg	1670	1390	83	57-120	
Chrysene	ug/kg	1670	1280	77	64-120	
Di-n-butylphthalate	ug/kg	1670	1360	81	58-120	
Di-n-octylphthalate	ug/kg	1670	1180	71	47-121	
Dibenz(a,h)anthracene	ug/kg	1670	1270	76	56-120	
Dibenzofuran	ug/kg	1670	1300	78	43-120	
Diethylphthalate	ug/kg	1670	1350	81	55-120	
Dimethylphthalate	ug/kg	1670	1320	79	54-120	
Fluoranthene	ug/kg	1670	1330	80	61-120	
Fluorene	ug/kg	1670	1320	79	51-120	
Hexachloro-1,3-butadiene	ug/kg	1670	1140	68	22-120	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

LABORATORY CONTROL SAMPLE: 1983183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/kg	1670	1280	77	53-120	
Hexachlorocyclopentadiene	ug/kg	1670	806	48	18-150	
Hexachloroethane	ug/kg	1670	1220	73	39-120	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1340	80	58-120	
Isophorone	ug/kg	1670	1460	88	38-120	
N-Nitroso-di-n-propylamine	ug/kg	1670	1180	71	30-120	
N-Nitrosodimethylamine	ug/kg	1670	1080	65	32-120	
N-Nitrosodiphenylamine	ug/kg	1670	1280	77	50-120	
Naphthalene	ug/kg	1670	1220	73	38-120	
Nitrobenzene	ug/kg	1670	1300	78	37-120	
Pentachlorophenol	ug/kg	3330	2370	71	10-120	
Phenanthrene	ug/kg	1670	1300	78	62-120	
Phenol	ug/kg	1670	1250	75	37-120	
Pyrene	ug/kg	1670	1330	80	63-120	
2,4,6-Tribromophenol (S)	%			83	27-110	
2-Fluorobiphenyl (S)	%			69	30-110	
2-Fluorophenol (S)	%			68	13-110	
Nitrobenzene-d5 (S)	%			68	23-110	
Phenol-d6 (S)	%			75	22-110	
Terphenyl-d14 (S)	%			82	28-110	

MATRIX SPIKE SAMPLE: 1983184

Parameter	Units	92337671002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	2010	1190	59	18-119	
1,2-Dichlorobenzene	ug/kg	ND	2010	1240	62	50-110	
1,3-Dichlorobenzene	ug/kg	ND	2010	1210	60	27-110	
1,4-Dichlorobenzene	ug/kg	ND	2010	1180	59	28-110	
1-Methylnaphthalene	ug/kg	ND	2010	1240	62	24-116	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	2010	1160	58	50-150	
2,4,5-Trichlorophenol	ug/kg	ND	2010	1160	58	28-110	
2,4,6-Trichlorophenol	ug/kg	ND	2010	1300	65	17-117	
2,4-Dichlorophenol	ug/kg	ND	2010	1290	65	21-128	
2,4-Dimethylphenol	ug/kg	ND	2010	1250	63	10-120	
2,4-Dinitrophenol	ug/kg	ND	10000	2510	25	10-107	
2,4-Dinitrotoluene	ug/kg	ND	2010	1640	82	36-109	
2,6-Dinitrotoluene	ug/kg	ND	2010	1540	77	32-110	
2-Chloronaphthalene	ug/kg	ND	2010	1230	61	30-107	
2-Chlorophenol	ug/kg	ND	2010	1280	64	14-106	
2-Methylnaphthalene	ug/kg	ND	2010	1250	62	10-135	
2-Methylphenol(o-Cresol)	ug/kg	ND	2010	1100	55	10-124	
2-Nitroaniline	ug/kg	ND	4000	2350	59	26-116	
2-Nitrophenol	ug/kg	ND	2010	1150	57	28-103	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2010	1120	56	10-109	
3,3'-Dichlorobenzidine	ug/kg	ND	4000	2080	50	10-150	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE SAMPLE:		1983184	92337671002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
3-Nitroaniline	ug/kg	ND	4000	2660	66	22-110		
4,6-Dinitro-2-methylphenol	ug/kg	ND	4000	2000	50	13-121		
4-Bromophenylphenyl ether	ug/kg	ND	2010	1200	60	31-109		
4-Chloro-3-methylphenol	ug/kg	ND	4000	2760	69	13-128		
4-Chloroaniline	ug/kg	ND	4000	2360	59	18-102		
4-Chlorophenylphenyl ether	ug/kg	ND	2010	1180	59	29-112		
4-Nitroaniline	ug/kg	ND	4000	2780	69	16-111		
4-Nitrophenol	ug/kg	ND	10000	5920	59	14-135		
Acenaphthene	ug/kg	ND	2010	1260	63	26-114		
Acenaphthylene	ug/kg	ND	2010	1190	60	32-108		
Aniline	ug/kg	ND	2010	750	37	10-107		
Anthracene	ug/kg	ND	2010	1260	63	32-111		
Benzo(a)anthracene	ug/kg	ND	2010	1140	57	25-117		
Benzo(a)pyrene	ug/kg	ND	2010	1180	57	25-106		
Benzo(b)fluoranthene	ug/kg	ND	2010	1140	55	24-110		
Benzo(g,h,i)perylene	ug/kg	ND	2010	1160	58	19-112		
Benzo(k)fluoranthene	ug/kg	ND	2010	1260	60	24-114		
Benzoic Acid	ug/kg	ND	10000	238J	2	10-110 M1		
Benzyl alcohol	ug/kg	ND	4000	2350	59	24-106		
bis(2-Chloroethoxy)methane	ug/kg	ND	2010	1230	61	13-119		
bis(2-Chloroethyl) ether	ug/kg	ND	2010	1220	61	10-134		
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2010	1370	68	10-125		
Butylbenzylphthalate	ug/kg	ND	2010	1360	68	18-110		
Chrysene	ug/kg	ND	2010	1170	59	30-110		
Di-n-butylphthalate	ug/kg	ND	2010	1330	66	19-112		
Di-n-octylphthalate	ug/kg	ND	2010	1160	58	17-105		
Dibenz(a,h)anthracene	ug/kg	ND	2010	1180	56	23-111		
Dibenzofuran	ug/kg	ND	2010	1250	63	35-103		
Diethylphthalate	ug/kg	ND	2010	1320	66	27-113		
Dimethylphthalate	ug/kg	ND	2010	1350	67	26-111		
Fluoranthene	ug/kg	ND	2010	1230	61	33-109		
Fluorene	ug/kg	ND	2010	1270	63	32-113		
Hexachloro-1,3-butadiene	ug/kg	ND	2010	1130	56	16-116		
Hexachlorobenzene	ug/kg	ND	2010	1220	61	27-120		
Hexachlorocyclopentadiene	ug/kg	ND	2010	803	40	10-108		
Hexachloroethane	ug/kg	ND	2010	1130	56	10-117		
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2010	1170	56	10-122		
Isophorone	ug/kg	ND	2010	1390	69	28-114		
N-Nitroso-di-n-propylamine	ug/kg	ND	2010	1160	58	27-113		
N-Nitrosodimethylamine	ug/kg	ND	2010	1110	55	10-109		
N-Nitrosodiphenylamine	ug/kg	ND	2010	1250	63	10-128		
Naphthalene	ug/kg	ND	2010	1240	62	25-110		
Nitrobenzene	ug/kg	ND	2010	1370	68	18-114		
Pentachlorophenol	ug/kg	ND	4000	2490	62	10-122		
Phenanthrene	ug/kg	ND	2010	1210	60	30-114		
Phenol	ug/kg	ND	2010	1250	62	11-102		
Pyrene	ug/kg	ND	2010	1230	62	25-116		

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE SAMPLE: 1983184		92337671002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
2,4,6-Tribromophenol (S)	%				66	27-110	
2-Fluorobiphenyl (S)	%				46	30-110	
2-Fluorophenol (S)	%				58	13-110	
Nitrobenzene-d5 (S)	%				59	23-110	
Phenol-d6 (S)	%				59	22-110	
Terphenyl-d14 (S)	%				54	28-110	

SAMPLE DUPLICATE: 1983185

Parameter	Units	92337797001	Dup		Max	
		Result	Result	RPD	RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(a)pyrene	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

SAMPLE DUPLICATE: 1983185

Parameter	Units	92337797001 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	52	69	29		
2-Fluorobiphenyl (S)	%	41	48	17		
2-Fluorophenol (S)	%	42	51	18		
Nitrobenzene-d5 (S)	%	36	46	23		
Phenol-d6 (S)	%	39	51	25		
Terphenyl-d14 (S)	%	55	71	26		

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015
Pace Project No.: 92337797

QC Batch:	358048	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave
Associated Lab Samples:	92337797002		

METHOD BLANK:	1985970	Matrix:	Solid
Associated Lab Samples:	92337797002		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	04/27/17 09:04	
1,2-Dichlorobenzene	ug/kg	ND	330	04/27/17 09:04	
1,3-Dichlorobenzene	ug/kg	ND	330	04/27/17 09:04	
1,4-Dichlorobenzene	ug/kg	ND	330	04/27/17 09:04	
1-Methylnaphthalene	ug/kg	ND	330	04/27/17 09:04	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	330	04/27/17 09:04	
2,4,5-Trichlorophenol	ug/kg	ND	330	04/27/17 09:04	
2,4,6-Trichlorophenol	ug/kg	ND	330	04/27/17 09:04	
2,4-Dichlorophenol	ug/kg	ND	330	04/27/17 09:04	
2,4-Dimethylphenol	ug/kg	ND	330	04/27/17 09:04	
2,4-Dinitrophenol	ug/kg	ND	1650	04/27/17 09:04	
2,4-Dinitrotoluene	ug/kg	ND	330	04/27/17 09:04	
2,6-Dinitrotoluene	ug/kg	ND	330	04/27/17 09:04	
2-Chloronaphthalene	ug/kg	ND	330	04/27/17 09:04	
2-Chlorophenol	ug/kg	ND	330	04/27/17 09:04	
2-Methylnaphthalene	ug/kg	ND	330	04/27/17 09:04	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	04/27/17 09:04	
2-Nitroaniline	ug/kg	ND	1650	04/27/17 09:04	
2-Nitrophenol	ug/kg	ND	330	04/27/17 09:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	04/27/17 09:04	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	04/27/17 09:04	
3-Nitroaniline	ug/kg	ND	1650	04/27/17 09:04	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	04/27/17 09:04	
4-Bromophenylphenyl ether	ug/kg	ND	330	04/27/17 09:04	
4-Chloro-3-methylphenol	ug/kg	ND	660	04/27/17 09:04	
4-Chloroaniline	ug/kg	ND	1650	04/27/17 09:04	
4-Chlorophenylphenyl ether	ug/kg	ND	330	04/27/17 09:04	
4-Nitroaniline	ug/kg	ND	660	04/27/17 09:04	
4-Nitrophenol	ug/kg	ND	1650	04/27/17 09:04	
Acenaphthene	ug/kg	ND	330	04/27/17 09:04	
Acenaphthylene	ug/kg	ND	330	04/27/17 09:04	
Aniline	ug/kg	ND	330	04/27/17 09:04	
Anthracene	ug/kg	ND	330	04/27/17 09:04	
Benzo(a)anthracene	ug/kg	ND	330	04/27/17 09:04	
Benzo(a)pyrene	ug/kg	ND	330	04/27/17 09:04	
Benzo(b)fluoranthene	ug/kg	ND	330	04/27/17 09:04	
Benzo(g,h,i)perylene	ug/kg	ND	330	04/27/17 09:04	
Benzo(k)fluoranthene	ug/kg	ND	330	04/27/17 09:04	
Benzoic Acid	ug/kg	ND	1650	04/27/17 09:04	
Benzyl alcohol	ug/kg	ND	660	04/27/17 09:04	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	04/27/17 09:04	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015
Pace Project No.: 92337797

METHOD BLANK: 1985970

Matrix: Solid

Associated Lab Samples: 92337797002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/kg	ND	330	04/27/17 09:04	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	04/27/17 09:04	
Butylbenzylphthalate	ug/kg	ND	330	04/27/17 09:04	
Chrysene	ug/kg	ND	330	04/27/17 09:04	
Di-n-butylphthalate	ug/kg	ND	330	04/27/17 09:04	
Di-n-octylphthalate	ug/kg	ND	330	04/27/17 09:04	
Dibenz(a,h)anthracene	ug/kg	ND	330	04/27/17 09:04	
Dibenzofuran	ug/kg	ND	330	04/27/17 09:04	
Diethylphthalate	ug/kg	ND	330	04/27/17 09:04	
Dimethylphthalate	ug/kg	ND	330	04/27/17 09:04	
Fluoranthene	ug/kg	ND	330	04/27/17 09:04	
Fluorene	ug/kg	ND	330	04/27/17 09:04	
Hexachloro-1,3-butadiene	ug/kg	ND	330	04/27/17 09:04	
Hexachlorobenzene	ug/kg	ND	330	04/27/17 09:04	
Hexachlorocyclopentadiene	ug/kg	ND	330	04/27/17 09:04	
Hexachloroethane	ug/kg	ND	330	04/27/17 09:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	04/27/17 09:04	
Isophorone	ug/kg	ND	330	04/27/17 09:04	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	04/27/17 09:04	
N-Nitrosodimethylamine	ug/kg	ND	330	04/27/17 09:04	
N-Nitrosodiphenylamine	ug/kg	ND	330	04/27/17 09:04	
Naphthalene	ug/kg	ND	330	04/27/17 09:04	
Nitrobenzene	ug/kg	ND	330	04/27/17 09:04	
Pentachlorophenol	ug/kg	ND	1650	04/27/17 09:04	
Phenanthrene	ug/kg	ND	330	04/27/17 09:04	
Phenol	ug/kg	ND	330	04/27/17 09:04	
Pyrene	ug/kg	ND	330	04/27/17 09:04	
2,4,6-Tribromophenol (S)	%	58	27-110	04/27/17 09:04	
2-Fluorobiphenyl (S)	%	46	30-110	04/27/17 09:04	
2-Fluorophenol (S)	%	46	13-110	04/27/17 09:04	
Nitrobenzene-d5 (S)	%	45	23-110	04/27/17 09:04	
Phenol-d6 (S)	%	47	22-110	04/27/17 09:04	
Terphenyl-d14 (S)	%	67	28-110	04/27/17 09:04	

LABORATORY CONTROL SAMPLE: 1985971

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1030	62	36-120	
1,2-Dichlorobenzene	ug/kg	1670	1020	61	41-120	
1,3-Dichlorobenzene	ug/kg	1670	1010	60	66-120	L2
1,4-Dichlorobenzene	ug/kg	1670	1000	60	42-120	
1-Methylnaphthalene	ug/kg	1670	1170	70	40-120	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1060	63	17-120	
2,4,5-Trichlorophenol	ug/kg	1670	1020	61	37-120	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

LABORATORY CONTROL SAMPLE: 1985971

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/kg	1670	1140	69	40-120	
2,4-Dichlorophenol	ug/kg	1670	1200	72	33-120	
2,4-Dimethylphenol	ug/kg	1670	1260	76	36-120	
2,4-Dinitrophenol	ug/kg	8330	5050	61	22-121	
2,4-Dinitrotoluene	ug/kg	1670	1410	85	60-120	
2,6-Dinitrotoluene	ug/kg	1670	1340	80	54-120	
2-Chloronaphthalene	ug/kg	1670	1100	66	41-120	
2-Chlorophenol	ug/kg	1670	1140	68	39-120	
2-Methylnaphthalene	ug/kg	1670	1150	69	26-120	
2-Methylphenol(o-Cresol)	ug/kg	1670	1160	70	41-120	
2-Nitroaniline	ug/kg	3330	2140	64	45-120	
2-Nitrophenol	ug/kg	1670	1050	63	35-120	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1150	69	35-120	
3,3'-Dichlorobenzidine	ug/kg	3330	2280	68	16-125	
3-Nitroaniline	ug/kg	3330	2460	74	45-120	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2130	64	46-120	
4-Bromophenylphenyl ether	ug/kg	1670	1110	67	36-120	
4-Chloro-3-methylphenol	ug/kg	3330	2600	78	37-120	
4-Chloroaniline	ug/kg	3330	2350	70	35-120	
4-Chlorophenylphenyl ether	ug/kg	1670	1130	68	30-120	
4-Nitroaniline	ug/kg	3330	2600	78	48-120	
4-Nitrophenol	ug/kg	8330	6000	72	43-120	
Acenaphthene	ug/kg	1670	1150	69	46-120	
Acenaphthylene	ug/kg	1670	1120	67	46-120	
Aniline	ug/kg	1670	860	52	33-120	
Anthracene	ug/kg	1670	1190	71	63-120	
Benzo(a)anthracene	ug/kg	1670	1120	67	61-120	
Benzo(a)pyrene	ug/kg	1670	1160	70	59-120	
Benzo(b)fluoranthene	ug/kg	1670	1060	64	55-120	
Benzo(g,h,i)perylene	ug/kg	1670	1160	70	57-120	
Benzo(k)fluoranthene	ug/kg	1670	1180	71	56-120	
Benzoic Acid	ug/kg	8330	4910	59	13-120	
Benzyl alcohol	ug/kg	3330	2260	68	34-120	
bis(2-Chloroethoxy)methane	ug/kg	1670	1120	67	21-120	
bis(2-Chloroethyl) ether	ug/kg	1670	1040	62	25-120	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1260	75	56-123	
Butylbenzylphthalate	ug/kg	1670	1240	74	57-120	
Chrysene	ug/kg	1670	1140	68	64-120	
Di-n-butylphthalate	ug/kg	1670	1260	75	58-120	
Di-n-octylphthalate	ug/kg	1670	1230	74	47-121	
Dibenz(a,h)anthracene	ug/kg	1670	1170	70	56-120	
Dibenzofuran	ug/kg	1670	1160	69	43-120	
Diethylphthalate	ug/kg	1670	1220	73	55-120	
Dimethylphthalate	ug/kg	1670	1190	72	54-120	
Fluoranthene	ug/kg	1670	1230	74	61-120	
Fluorene	ug/kg	1670	1190	71	51-120	
Hexachloro-1,3-butadiene	ug/kg	1670	991	59	22-120	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

LABORATORY CONTROL SAMPLE: 1985971

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/kg	1670	1130	68	53-120	
Hexachlorocyclopentadiene	ug/kg	1670	661	40	18-150	
Hexachloroethane	ug/kg	1670	1010	61	39-120	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1180	71	58-120	
Isophorone	ug/kg	1670	1320	79	38-120	
N-Nitroso-di-n-propylamine	ug/kg	1670	1220	73	30-120	
N-Nitrosodimethylamine	ug/kg	1670	909	55	32-120	
N-Nitrosodiphenylamine	ug/kg	1670	1140	68	50-120	
Naphthalene	ug/kg	1670	1090	66	38-120	
Nitrobenzene	ug/kg	1670	1160	70	37-120	
Pentachlorophenol	ug/kg	3330	2300	69	10-120	
Phenanthrene	ug/kg	1670	1160	69	62-120	
Phenol	ug/kg	1670	1230	74	37-120	
Pyrene	ug/kg	1670	1070	64	63-120	
2,4,6-Tribromophenol (S)	%			72	27-110	
2-Fluorobiphenyl (S)	%			62	30-110	
2-Fluorophenol (S)	%			59	13-110	
Nitrobenzene-d5 (S)	%			60	23-110	
Phenol-d6 (S)	%			69	22-110	
Terphenyl-d14 (S)	%			68	28-110	

MATRIX SPIKE SAMPLE: 1985972

Parameter	Units	92338104001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	2050	644	31	18-119	
1,2-Dichlorobenzene	ug/kg	ND	2050	660	32	50-110	M1
1,3-Dichlorobenzene	ug/kg	ND	2050	626	31	27-110	
1,4-Dichlorobenzene	ug/kg	ND	2050	624	30	28-110	
1-Methylnaphthalene	ug/kg	8160	2050	6580	-77	24-116	M1
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	2050	665	32	50-150	M1
2,4,5-Trichlorophenol	ug/kg	ND	2050	610	30	28-110	
2,4,6-Trichlorophenol	ug/kg	ND	2050	674	33	17-117	
2,4-Dichlorophenol	ug/kg	ND	2050	812	40	21-128	
2,4-Dimethylphenol	ug/kg	ND	2050	704	34	10-120	
2,4-Dinitrophenol	ug/kg	ND	10200	2240	22	10-107	
2,4-Dinitrotoluene	ug/kg	ND	2050	995	49	36-109	
2,6-Dinitrotoluene	ug/kg	ND	2050	718	35	32-110	
2-Chloronaphthalene	ug/kg	ND	2050	623	30	30-107	
2-Chlorophenol	ug/kg	ND	2050	659	32	14-106	
2-Methylnaphthalene	ug/kg	17700	2050	14200	-174	10-135	M1
2-Methylphenol(o-Cresol)	ug/kg	ND	2050	1200	59	10-124	
2-Nitroaniline	ug/kg	ND	4090	1140J	28	26-116	
2-Nitrophenol	ug/kg	ND	2050	628	31	28-103	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2050	650	32	10-109	
3,3'-Dichlorobenzidine	ug/kg	ND	4090	1250J	31	10-150	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE SAMPLE:		1985972	92338104001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
3-Nitroaniline	ug/kg	ND	4090	1320J	32	22-110		
4,6-Dinitro-2-methylphenol	ug/kg	ND	4090	1010	25	13-121		
4-Bromophenylphenyl ether	ug/kg	ND	2050	656	32	31-109		
4-Chloro-3-methylphenol	ug/kg	ND	4090	1400	34	13-128		
4-Chloroaniline	ug/kg	ND	4090	1070J	26	18-102		
4-Chlorophenylphenyl ether	ug/kg	ND	2050	640	31	29-112		
4-Nitroaniline	ug/kg	ND	4090	1390	34	16-111		
4-Nitrophenol	ug/kg	ND	10200	3450	34	14-135		
Acenaphthene	ug/kg	ND	2050	710	35	26-114		
Acenaphthylene	ug/kg	ND	2050	665	32	32-108		
Aniline	ug/kg	ND	2050	326J	16	10-107		
Anthracene	ug/kg	ND	2050	772	38	32-111		
Benzo(a)anthracene	ug/kg	ND	2050	661	32	25-117		
Benzo(a)pyrene	ug/kg	ND	2050	615	30	25-106		
Benzo(b)fluoranthene	ug/kg	ND	2050	565	28	24-110		
Benzo(g,h,i)perylene	ug/kg	ND	2050	624	30	19-112		
Benzo(k)fluoranthene	ug/kg	ND	2050	659	32	24-114		
Benzoic Acid	ug/kg	ND	10200	1840J	18	10-110		
Benzyl alcohol	ug/kg	ND	4090	1340	33	24-106		
bis(2-Chloroethoxy)methane	ug/kg	ND	2050	1120	55	13-119		
bis(2-Chloroethyl) ether	ug/kg	ND	2050	581	28	10-134		
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2050	752	37	10-125		
Butylbenzylphthalate	ug/kg	ND	2050	752	37	18-110		
Chrysene	ug/kg	ND	2050	675	33	30-110		
Di-n-butylphthalate	ug/kg	ND	2050	893	35	19-112		
Di-n-octylphthalate	ug/kg	ND	2050	718	35	17-105		
Dibenz(a,h)anthracene	ug/kg	ND	2050	614	30	23-111		
Dibenzofuran	ug/kg	ND	2050	670	33	35-103	M1	
Diethylphthalate	ug/kg	ND	2050	699	34	27-113		
Dimethylphthalate	ug/kg	ND	2050	653	32	26-111		
Fluoranthene	ug/kg	ND	2050	734	36	33-109		
Fluorene	ug/kg	ND	2050	770	34	32-113		
Hexachloro-1,3-butadiene	ug/kg	ND	2050	614	30	16-116		
Hexachlorobenzene	ug/kg	ND	2050	699	34	27-120		
Hexachlorocyclopentadiene	ug/kg	ND	2050	293J	14	10-108		
Hexachloroethane	ug/kg	ND	2050	5190	253	10-117	M1	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2050	635	31	10-122		
Isophorone	ug/kg	ND	2050	759	37	28-114		
N-Nitroso-di-n-propylamine	ug/kg	ND	2050	1310	64	27-113		
N-Nitrosodimethylamine	ug/kg	ND	2050	527	26	10-109		
N-Nitrosodiphenylamine	ug/kg	ND	2050	700	34	10-128		
Naphthalene	ug/kg	22400	2050	13400	-437	25-110	M1	
Nitrobenzene	ug/kg	ND	2050	1430	70	18-114		
Pentachlorophenol	ug/kg	ND	4090	1250J	31	10-122		
Phenanthrene	ug/kg	ND	2050	778	33	30-114		
Phenol	ug/kg	ND	2050	622	30	11-102		
Pyrene	ug/kg	ND	2050	676	33	25-116		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE SAMPLE: 1985972		92338104001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
2,4,6-Tribromophenol (S)	%				36	27-110	
2-Fluorobiphenyl (S)	%				30	30-110	
2-Fluorophenol (S)	%				30	13-110	
Nitrobenzene-d5 (S)	%				39	23-110	
Phenol-d6 (S)	%				32	22-110	
Terphenyl-d14 (S)	%				33	28-110	

SAMPLE DUPLICATE: 1985973

Parameter	Units	92338206001	Dup		Max	
		Result	Result	RPD	RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(a)pyrene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

SAMPLE DUPLICATE: 1985973

Parameter	Units	92338206001 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	32	30	6		
2-Fluorobiphenyl (S)	%	18	18	0		S0
2-Fluorophenol (S)	%	22	24	9		
Nitrobenzene-d5 (S)	%	21	21	0		S0
Phenol-d6 (S)	%	21	22	2		
Terphenyl-d14 (S)	%	24	25	5		S0

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357421 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

METHOD BLANK: 1982663 Matrix: Water
Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	04/21/17 12:21	
1,2-Dichlorobenzene	ug/L	ND	10.0	04/21/17 12:21	
1,3-Dichlorobenzene	ug/L	ND	10.0	04/21/17 12:21	
1,4-Dichlorobenzene	ug/L	ND	10.0	04/21/17 12:21	
1-Methylnaphthalene	ug/L	ND	10.0	04/21/17 12:21	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	04/21/17 12:21	
2,4,5-Trichlorophenol	ug/L	ND	10.0	04/21/17 12:21	
2,4,6-Trichlorophenol	ug/L	ND	10.0	04/21/17 12:21	
2,4-Dichlorophenol	ug/L	ND	10.0	04/21/17 12:21	
2,4-Dimethylphenol	ug/L	ND	10.0	04/21/17 12:21	
2,4-Dinitrophenol	ug/L	ND	50.0	04/21/17 12:21	
2,4-Dinitrotoluene	ug/L	ND	10.0	04/21/17 12:21	
2,6-Dinitrotoluene	ug/L	ND	10.0	04/21/17 12:21	
2-Chloronaphthalene	ug/L	ND	10.0	04/21/17 12:21	
2-Chlorophenol	ug/L	ND	10.0	04/21/17 12:21	
2-Methylnaphthalene	ug/L	ND	10.0	04/21/17 12:21	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	04/21/17 12:21	
2-Nitroaniline	ug/L	ND	50.0	04/21/17 12:21	
2-Nitrophenol	ug/L	ND	10.0	04/21/17 12:21	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	04/21/17 12:21	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	04/21/17 12:21	
3-Nitroaniline	ug/L	ND	50.0	04/21/17 12:21	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	04/21/17 12:21	
4-Bromophenylphenyl ether	ug/L	ND	10.0	04/21/17 12:21	
4-Chloro-3-methylphenol	ug/L	ND	20.0	04/21/17 12:21	
4-Chloroaniline	ug/L	ND	20.0	04/21/17 12:21	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	04/21/17 12:21	
4-Nitroaniline	ug/L	ND	20.0	04/21/17 12:21	
4-Nitrophenol	ug/L	ND	50.0	04/21/17 12:21	
Acenaphthene	ug/L	ND	10.0	04/21/17 12:21	
Acenaphthylene	ug/L	ND	10.0	04/21/17 12:21	
Aniline	ug/L	ND	10.0	04/21/17 12:21	
Anthracene	ug/L	ND	10.0	04/21/17 12:21	
Benzo(a)anthracene	ug/L	ND	10.0	04/21/17 12:21	
Benzo(a)pyrene	ug/L	ND	10.0	04/21/17 12:21	
Benzo(b)fluoranthene	ug/L	ND	10.0	04/21/17 12:21	
Benzo(g,h,i)perylene	ug/L	ND	10.0	04/21/17 12:21	
Benzo(k)fluoranthene	ug/L	ND	10.0	04/21/17 12:21	
Benzoic Acid	ug/L	ND	50.0	04/21/17 12:21	
Benzyl alcohol	ug/L	ND	20.0	04/21/17 12:21	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	04/21/17 12:21	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

METHOD BLANK: 1982663

Matrix: Water

Associated Lab Samples: 92337797006, 92337797007, 92337797008, 92337797009, 92337797010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/L	ND	10.0	04/21/17 12:21	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	04/21/17 12:21	
Butylbenzylphthalate	ug/L	ND	10.0	04/21/17 12:21	
Chrysene	ug/L	ND	10.0	04/21/17 12:21	
Di-n-butylphthalate	ug/L	ND	10.0	04/21/17 12:21	
Di-n-octylphthalate	ug/L	ND	10.0	04/21/17 12:21	
Dibenz(a,h)anthracene	ug/L	ND	10.0	04/21/17 12:21	
Dibenzofuran	ug/L	ND	10.0	04/21/17 12:21	
Diethylphthalate	ug/L	ND	10.0	04/21/17 12:21	
Dimethylphthalate	ug/L	ND	10.0	04/21/17 12:21	
Fluoranthene	ug/L	ND	10.0	04/21/17 12:21	
Fluorene	ug/L	ND	10.0	04/21/17 12:21	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	04/21/17 12:21	
Hexachlorobenzene	ug/L	ND	10.0	04/21/17 12:21	
Hexachlorocyclopentadiene	ug/L	ND	10.0	04/21/17 12:21	
Hexachloroethane	ug/L	ND	10.0	04/21/17 12:21	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	04/21/17 12:21	
Isophorone	ug/L	ND	10.0	04/21/17 12:21	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	04/21/17 12:21	
N-Nitrosodimethylamine	ug/L	ND	10.0	04/21/17 12:21	
N-Nitrosodiphenylamine	ug/L	ND	10.0	04/21/17 12:21	
Naphthalene	ug/L	ND	10.0	04/21/17 12:21	
Nitrobenzene	ug/L	ND	10.0	04/21/17 12:21	
Pentachlorophenol	ug/L	ND	25.0	04/21/17 12:21	
Phenanthrene	ug/L	ND	10.0	04/21/17 12:21	
Phenol	ug/L	ND	10.0	04/21/17 12:21	
Pyrene	ug/L	ND	10.0	04/21/17 12:21	
2,4,6-Tribromophenol (S)	%	101	27-110	04/21/17 12:21	
2-Fluorobiphenyl (S)	%	77	27-110	04/21/17 12:21	
2-Fluorophenol (S)	%	46	12-110	04/21/17 12:21	
Nitrobenzene-d5 (S)	%	68	21-110	04/21/17 12:21	
Phenol-d6 (S)	%	27	10-110	04/21/17 12:21	
Terphenyl-d14 (S)	%	107	31-107	04/21/17 12:21	

LABORATORY CONTROL SAMPLE: 1982664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	37.2	74	31-120	
1,2-Dichlorobenzene	ug/L	50	34.4	69	38-120	
1,3-Dichlorobenzene	ug/L	50	32.5	65	30-122	
1,4-Dichlorobenzene	ug/L	50	33.5	67	37-120	
1-Methylnaphthalene	ug/L	50	41.9	84	34-113	
2,2'-Oxybis(1-chloropropane)	ug/L	50	40.6	81	18-120	
2,4,5-Trichlorophenol	ug/L	50	38.3	77	43-113	

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

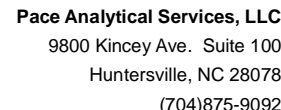
LABORATORY CONTROL SAMPLE: 1982664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/L	50	46.5	93	42-120	
2,4-Dichlorophenol	ug/L	50	41.9	84	30-120	
2,4-Dimethylphenol	ug/L	50	47.9	96	29-111	
2,4-Dinitrophenol	ug/L	250	262	105	19-132	
2,4-Dinitrotoluene	ug/L	50	54.6	109	58-128	
2,6-Dinitrotoluene	ug/L	50	58.8	118	54-129	
2-Chloronaphthalene	ug/L	50	42.7	85	43-117	
2-Chlorophenol	ug/L	50	38.5	77	37-120	
2-Methylnaphthalene	ug/L	50	42.8	86	33-120	
2-Methylphenol(o-Cresol)	ug/L	50	31.6	63	31-120	
2-Nitroaniline	ug/L	100	86.9	87	48-121	
2-Nitrophenol	ug/L	50	48.7	97	25-116	
3&4-Methylphenol(m&p Cresol)	ug/L	50	26.1	52	23-120	
3,3'-Dichlorobenzidine	ug/L	100	90.3	90	10-154	
3-Nitroaniline	ug/L	100	92.8	93	43-115	
4,6-Dinitro-2-methylphenol	ug/L	100	109	109	44-124	
4-Bromophenylphenyl ether	ug/L	50	43.8	88	34-113	
4-Chloro-3-methylphenol	ug/L	100	89.3	89	31-110	
4-Chloroaniline	ug/L	100	86.5	87	20-120	
4-Chlorophenylphenyl ether	ug/L	50	40.2	80	34-116	
4-Nitroaniline	ug/L	100	89.4	89	46-128	
4-Nitrophenol	ug/L	250	81.2	32	11-120	
Acenaphthene	ug/L	50	43.9	88	48-114	
Acenaphthylene	ug/L	50	44.5	89	48-112	
Aniline	ug/L	50	26.5	53	26-120	
Anthracene	ug/L	50	45.1	90	57-118	
Benzo(a)anthracene	ug/L	50	42.7	85	56-121	
Benzo(a)pyrene	ug/L	50	47.8	96	55-127	
Benzo(b)fluoranthene	ug/L	50	45.5	91	53-128	
Benzo(g,h,i)perylene	ug/L	50	47.4	95	54-125	
Benzo(k)fluoranthene	ug/L	50	47.7	95	51-123	
Benzoic Acid	ug/L	250	91.3	37	10-120	
Benzyl alcohol	ug/L	100	70.1	70	27-120	
bis(2-Chloroethoxy)methane	ug/L	50	42.3	85	32-120	
bis(2-Chloroethyl) ether	ug/L	50	43.5	87	33-111	
bis(2-Ethylhexyl)phthalate	ug/L	50	60.2	120	50-145	
Butylbenzylphthalate	ug/L	50	59.8	120	54-138	
Chrysene	ug/L	50	42.6	85	58-127	
Di-n-butylphthalate	ug/L	50	53.9	108	56-125	
Di-n-octylphthalate	ug/L	50	59.3	119	50-134	
Dibenz(a,h)anthracene	ug/L	50	48.5	97	53-129	
Dibenzofuran	ug/L	50	43.4	87	45-120	
Diethylphthalate	ug/L	50	48.0	96	53-120	
Dimethylphthalate	ug/L	50	46.3	93	55-116	
Fluoranthene	ug/L	50	42.9	86	57-125	
Fluorene	ug/L	50	43.2	86	53-118	
Hexachloro-1,3-butadiene	ug/L	50	36.2	72	23-120	

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Project: EAST 2ND ST 72177015
Pace Project No.: 92337797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/L	50	47.5	95	49-116	
Hexachlorocyclopentadiene	ug/L	50	34.4	69	26-158	
Hexachloroethane	ug/L	50	33.9	68	30-114	
Indeno(1,2,3-cd)pyrene	ug/L	50	49.3	99	55-128	
Isophorone	ug/L	50	51.2	102	31-118	
N-Nitroso-di-n-propylamine	ug/L	50	39.0	78	32-119	
N-Nitrosodimethylamine	ug/L	50	30.2	60	13-120	
N-Nitrosodiphenylamine	ug/L	50	47.0	94	43-120	
Naphthalene	ug/L	50	41.1	82	32-120	
Nitrobenzene	ug/L	50	45.9	92	33-110	
Pentachlorophenol	ug/L	100	108	108	10-137	
Phenanthrene	ug/L	50	43.9	88	57-117	
Phenol	ug/L	50	17.7	35	10-120	
Pyrene	ug/L	50	41.3	83	55-122	
2,4,6-Tribromophenol (S)	%			119	27-110	S0
2-Fluorobiphenyl (S)	%			82	27-110	
2-Fluorophenol (S)	%			44	12-110	
Nitrobenzene-d5 (S)	%			81	21-110	
Phenol-d6 (S)	%			32	10-110	
Terphenyl-d14 (S)	%			93	31-107	

Parameter	Units	92337467002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	Spike Conc.						RPD	RPD	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	69.3	70.5	69	71	10-110	2	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	64.6	63.9	65	64	10-110	1	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	61.4	60.1	61	60	10-110	2	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	60.9	63.3	61	63	10-110	4	30	
1-Methylnaphthalene	ug/L	ND	100	100	77.4	80.5	77	80	14-110	4	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	72.2	73.1	72	73	50-150	1	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	68.2	74.7	68	75	19-105	9	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	79.5	85.1	79	85	13-108	7	30	
2,4-Dichlorophenol	ug/L	ND	100	100	75.6	76.7	76	77	29-111	1	30	
2,4-Dimethylphenol	ug/L	ND	100	100	85.4	89.3	85	89	21-103	4	30	
2,4-Dinitrophenol	ug/L	ND	500	500	422	422	84	84	10-109	0	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	100	103	100	103	27-104	2	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	102	106	102	106	28-101	4	30	M1
2-Chloronaphthalene	ug/L	ND	100	100	76.6	80.5	77	81	14-102	5	30	
2-Chlorophenol	ug/L	ND	100	100	69.3	71.9	69	72	16-110	4	30	
2-Methylnaphthalene	ug/L	ND	100	100	79.8	82.9	80	83	13-110	4	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	59.3	59.5	59	59	19-110	0	30	
2-Nitroaniline	ug/L	ND	200	200	161	164	80	82	26-103	2	30	
2-Nitrophenol	ug/L	ND	100	100	89.7	96.6	90	97	20-110	7	30	

REPORT OF LABORATORY ANALYSIS

Page 80 of 88

QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1982665 1982666											
Parameter	Units	92337467002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	52.9	54.4	53	54	20-110	3	30
3,3'-Dichlorobenzidine	ug/L	ND	200	200	151	162	76	81	25-112	7	30
3-Nitroaniline	ug/L	ND	200	200	163	171	81	85	29-110	5	30
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	175	185	87	93	10-117	6	30
4-Bromophenylphenyl ether	ug/L	ND	100	100	75.4	80.9	75	81	20-105	7	30
4-Chloro-3-methylphenol	ug/L	ND	200	200	161	164	81	82	22-110	2	30
4-Chloroaniline	ug/L	ND	200	200	152	161	76	80	20-100	6	30
4-Chlorophenylphenyl ether	ug/L	ND	100	100	72.9	75.9	73	76	19-102	4	30
4-Nitroaniline	ug/L	ND	200	200	154	154	77	77	29-110	0	30
4-Nitrophenol	ug/L	ND	500	500	191	201	38	40	10-110	5	30
Acenaphthene	ug/L	ND	100	100	78.0	83.0	78	83	17-100	6	30
Acenaphthylene	ug/L	ND	100	100	77.3	82.1	77	82	21-100	6	30
Aniline	ug/L	ND	100	100	46.2	49.0	46	49	10-110	6	30
Anthracene	ug/L	ND	100	100	80.0	84.0	80	84	24-109	5	30
Benzo(a)anthracene	ug/L	ND	100	100	74.8	79.4	75	79	22-117	6	30
Benzo(a)pyrene	ug/L	ND	100	100	81.4	88.5	81	88	23-104	8	30
Benzo(b)fluoranthene	ug/L	ND	100	100	80.0	85.0	80	85	23-103	6	30
Benzo(g,h,i)perylene	ug/L	ND	100	100	80.0	84.0	80	84	18-111	5	30
Benzo(k)fluoranthene	ug/L	ND	100	100	83.2	90.6	83	91	22-113	9	30
Benzoic Acid	ug/L	ND	500	500	231	163	46	33	10-110	35	30 R1
Benzyl alcohol	ug/L	ND	200	200	136	128	68	64	19-101	6	30
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	75.8	77.6	76	78	22-110	2	30
bis(2-Chloroethyl) ether	ug/L	ND	100	100	74.5	77.5	74	78	16-110	4	30
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	104	112	104	112	23-102	7	30 M1
Butylbenzylphthalate	ug/L	ND	100	100	102	111	102	111	25-110	8	30 M1
Chrysene	ug/L	ND	100	100	74.5	81.2	74	81	23-115	9	30
Di-n-butylphthalate	ug/L	ND	100	100	93.5	99.0	93	99	26-110	6	30
Di-n-octylphthalate	ug/L	ND	100	100	105	110	105	110	22-110	4	30
Dibenz(a,h)anthracene	ug/L	ND	100	100	77.2	89.7	77	90	21-112	15	30
Dibenzofuran	ug/L	ND	100	100	79.2	84.4	79	84	19-102	6	30
Diethylphthalate	ug/L	ND	100	100	89.6	94.4	90	94	29-110	5	30
Dimethylphthalate	ug/L	ND	100	100	81.7	86.4	82	86	27-110	6	30
Fluoranthene	ug/L	ND	100	100	74.5	77.8	74	78	23-112	4	30
Fluorene	ug/L	ND	100	100	79.7	83.7	80	84	22-104	5	30
Hexachloro-1,3-butadiene	ug/L	ND	100	100	66.8	70.7	67	71	10-110	6	30
Hexachlorobenzene	ug/L	ND	100	100	83.2	88.2	83	88	21-116	6	30
Hexachlorocyclopentadiene	ug/L	ND	100	100	57.3	65.4	57	65	10-110	13	30
Hexachloroethane	ug/L	ND	100	100	64.9	61.1	65	61	10-110	6	30
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	81.8	88.3	82	88	20-113	8	30
Isophorone	ug/L	ND	100	100	91.3	91.8	91	92	50-150	1	30
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	66.2	62.9	66	63	21-105	5	30
N-Nitrosodimethylamine	ug/L	ND	100	100	60.7	68.1	61	68	10-110	12	30
N-Nitrosodiphenylamine	ug/L	ND	100	100	81.2	86.3	81	86	23-107	6	30
Naphthalene	ug/L	ND	100	100	74.7	79.9	75	80	10-110	7	30
Nitrobenzene	ug/L	ND	100	100	80.8	88.1	81	88	20-110	9	30

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1982665 1982666											
Parameter	Units	92337467002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Pentachlorophenol	ug/L	ND	200	200	163	175	81	88	10-118	8	30
Phenanthrene	ug/L	ND	100	100	77.6	81.5	78	81	24-106	5	30
Phenol	ug/L	ND	100	100	43.5	44.1	44	44	12-110	1	30
Pyrene	ug/L	ND	100	100	72.1	78.4	72	78	24-114	8	30
2,4,6-Tribromophenol (S)	%						97	104	27-110		
2-Fluorobiphenyl (S)	%						70	80	27-110		
2-Fluorophenol (S)	%						50	50	12-110		
Nitrobenzene-d5 (S)	%						71	79	21-110		
Phenol-d6 (S)	%						40	41	10-110		
Terphenyl-d14 (S)	%						68	64	31-107		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

QC Batch: 357384 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92337797001, 92337797002, 92337797003, 92337797004, 92337797005

SAMPLE DUPLICATE: 1982447

Parameter	Units	92337219001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.1	1.4	21	25	

SAMPLE DUPLICATE: 1982448

Parameter	Units	92337797005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.1	12.5	21	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A Pace Analytical Services - Asheville

PASI-C Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

E Analyte concentration exceeded the calibration range. The reported result is estimated.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92337797001	SB-1	EPA 3050	357679	EPA 6010	357897
92337797002	SB-2	EPA 3050	357679	EPA 6010	357897
92337797003	SB-3	EPA 3050	357679	EPA 6010	357897
92337797004	SB-4	EPA 3050	357679	EPA 6010	357897
92337797005	SB-5	EPA 3050	357679	EPA 6010	357897
92337797006	GW-1	EPA 3010A	357676	EPA 6010	357875
92337797007	GW-2	EPA 3010A	357676	EPA 6010	357875
92337797008	GW-3	EPA 3010A	357676	EPA 6010	357875
92337797009	GW-4	EPA 3010A	357676	EPA 6010	357875
92337797010	GW-5	EPA 3010A	357676	EPA 6010	357875
92337797006	GW-1	EPA 7470	357682	EPA 7470	357890
92337797007	GW-2	EPA 7470	357682	EPA 7470	357890
92337797008	GW-3	EPA 7470	357682	EPA 7470	357890
92337797009	GW-4	EPA 7470	357682	EPA 7470	357890
92337797010	GW-5	EPA 7470	357682	EPA 7470	357890
92337797001	SB-1	EPA 7471	357683	EPA 7471	357893
92337797002	SB-2	EPA 7471	357683	EPA 7471	357893
92337797003	SB-3	EPA 7471	357683	EPA 7471	357893
92337797004	SB-4	EPA 7471	357683	EPA 7471	357893
92337797005	SB-5	EPA 7471	357683	EPA 7471	357893
92337797001	SB-1	EPA 3546	357522	EPA 8270	357611
92337797002	SB-2	EPA 3546	358048	EPA 8270	358239
92337797003	SB-3	EPA 3546	357522	EPA 8270	357611
92337797004	SB-4	EPA 3546	357522	EPA 8270	357611
92337797005	SB-5	EPA 3546	357522	EPA 8270	357611
92337797006	GW-1	EPA 3510	357421	EPA 8270	357524
92337797007	GW-2	EPA 3510	357421	EPA 8270	357524
92337797008	GW-3	EPA 3510	357421	EPA 8270	357524
92337797009	GW-4	EPA 3510	357421	EPA 8270	357524
92337797010	GW-5	EPA 3510	357421	EPA 8270	357524
92337797006	GW-1	EPA 8260	357974		
92337797007	GW-2	EPA 8260	357974		
92337797008	GW-3	EPA 8260	357974		
92337797009	GW-4	EPA 8260	357974		
92337797010	GW-5	EPA 8260	357974		
92337797001	SB-1	EPA 8260	357419		
92337797002	SB-2	EPA 8260	357419		
92337797003	SB-3	EPA 8260	357419		
92337797004	SB-4	EPA 8260	357419		
92337797005	SB-5	EPA 8260	357419		
92337797001	SB-1	ASTM D2974-87	357384		
92337797002	SB-2	ASTM D2974-87	357384		
92337797003	SB-3	ASTM D2974-87	357384		
92337797004	SB-4	ASTM D2974-87	357384		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE


Project: EAST 2ND ST 72177015

Pace Project No.: 92337797

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92337797005	SB-5	ASTM D2974-87	357384		

REPORT OF LABORATORY ANALYSIS

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	Document Name:	Document Revised: Sept. 21, 2016
	Sample Condition Upon Receipt(SCUR)	Page 1 of 2
	Document No.:	Issuing Authority:
	F-CAR-CS-033-Rev.01	Pace Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name:

Project #:

WO#: 92337797

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other:

Thermometer: ☐ IR Gun ID: T1603 Type of Ice: ☒ Wet ☐ Blue ☐ None ☒ Samples on ice, cooling process has begun

Correction Factor: Cooler Temp Corrected (°C): 5.1 Biological Tissue Frozen? ☐ Yes ☒ No ☐ N/A

Temp should be above freezing to 6°C

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☒ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Samples Field Filtered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. Note if sediment is visible in the dissolved container
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9. <u>received 3 kit, no analysis on 3 kit.</u>
-Includes Date/Time/ID/Analysis Matrix: <u>MT SC @ BU 4/20</u>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____
 Comments/Sample Discrepancy: _____

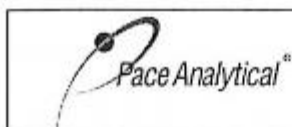
Project Manager SCURF Review: RE

Date: 4/20

Project Manager SRF Review: RE

Date: 4/20

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers)



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.01

Document Revised: Sept. 21, 2016
Page 2 of 2
Issuing Authority:
Pace Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

**Bottom half of box is to list number of bottles

Project #

WO#: 92337797

PH: PTE

Due Date: 04/27/17

CLIENT: 92-Terrac NC

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP3S-250 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP3Z-250 mL Plastic ZN Acetate & NaOH (>9)	BP3C-250 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	Cubitainer	VSGU-20 mL Scintillation vials (N/A)	GN
1									1											6	3						
2									1											6	3						
3									1											6	3						
4									1											6	3						
5									1											6	3						
6						1				2						3											
7						1				1						3											
8						1				1						3											
9						1				2						3											
10						1				2						3											
11																											
12																											

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #