

May 3, 2013

Mr. Ryan Leong  
SRM Development  
111 North Post, Suite 200  
Spokane, WA 99201

RE: Phase II Environmental Site Assessment (ESA) Report  
4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no  
address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street,  
Oakland, California

Dear Leong:

Enclosed is the Phase II ESA Report for the above referenced property. The property consists of numerous parcels occupying the entire northern and eastern portion of the block bound by 51<sup>st</sup> Street, Broadway, 49<sup>th</sup> Street, and Desmond Street in Oakland, California.

Past uses of the site including a former drycleaner, automotive painting and maintenance, and pharmaceutical manufacturing have typically used hazardous materials and during the time in which these businesses were operating at the site, the environmental regulations were much less stringent than they are now. It is not uncommon to find soil and/or groundwater impacted by these types of uses at similar types of sites.

ERS conducted a Phase I and II Environmental Site Assessment for the subject site in January-February 2013. No significant groundwater impacts to the groundwater at the site were discovered in the borings advanced at the site.

In the areas accessible for the January-February 2013 Phase I and II assessment, the only significant soil impact appeared to be elevated lead concentrations in the 2.5 feet deep sample in SB-10, a boring near Broadway Avenue in the paved area in the southern portion of the site. The concentration of lead detected in that sample was 550 mg/kg which exceeded residential screening levels and were more than ten times higher than the next highest lead concentration observed in the analyzed soil samples. The concentrations of lead detected in the 5 and 10 foot deep sample from this boring were only 5.5 and 5.7 mg/kg, indicating that the soil impacts appear likely to be limited to only the shallow soils.

The February 2013 report concluded:

There are, however, large areas of the site which are covered by buildings and inaccessible due to safety concerns with the condition of the building. These include potential concerns including areas where auto maintenance and painting and pharmaceutical manufacturing were historically conducted. These types of industries commonly used hazardous materials and environmental regulations were much less strict at the time these businesses were operated at the site.

A more thorough assessment would require drilling in the existing building areas. Given the current condition of the buildings, it is unsafe to conduct drilling in the building areas until the buildings are demolished or stabilized structurally. Based on our observations of the site and discussions with a demolition contractor and the City of Oakland, we recommend a partial demolition be done to allow safe access. Any asbestos or lead containing materials that would be impacted by the partial demolition must be managed appropriately.

Although the area near the former drycleaner did not appear to be impacted, we also recommend drilling in the sidewalk right-of-way south of the former drycleaner along 49<sup>th</sup> Street to be certain a groundwater sample downgradient from the former drycleaner is obtained. This would require an encroachment permit from the city.

Based on the reported construction date, there is a potential that asbestos-containing materials and/or lead-based paint have been used at the site. Actual sampling would be needed to confirm if these materials are present. Previous sampling reports were provided to ERS. Asbestos-containing materials and lead-based paint exist in the building and although this is not a REC as defined in the ASTM Standard, it will need to be appropriately remediated during planned building demolition.

ERS obtained a partial demolition/bracing permit and conducted the work to allow drilling to be safely conducted in the largest building at the site. ERS also obtained an encroachment permit to drill on the sidewalk south of the former drycleaner at 4901 Broadway. This report describes the results of the investigation.

Groundwater samples were not able to be collected from any of the additional borings. No significant contamination was detected in the soil samples collected from the additional borings.

Based on the results of this additional assessment, the only area known to be impacted is the area of previously detected elevated lead concentrations in the 2.5 feet deep sample in SB-10, a boring near Broadway Avenue in the paved area in the southern portion of the site. The concentrations of lead detected in the 5 and 10 foot deep sample from this boring were significantly less indicating that the soil impacts appear likely to be limited to only the shallow soils.

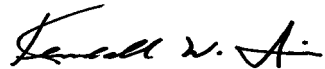
Phase II ESA

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street, Oakland, California

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Thank you for choosing ERS to perform this project. If you have any questions, comments or concerns, please contact me at (408) 496-0801 or [kprice@erscorp.us](mailto:kprice@erscorp.us).

Sincerely,



Kendall W. Price CEG, REA  
Principal Consultant/Regional Manager

# PHASE II ENVIRONMENTAL SITE ASSESSMENT

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel  
No. 013-1136-008-04 (no address); 311 and 313 – 51st  
Street; 4974, 4970, 4966 and 4964 Desmond Street  
Oakland, California

May 3, 2013

Prepared For:  
SRM Development  
111 North Post, Suite 200  
Spokane, WA 99201



Environmental Risk Specialties Corporation

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### FIGURES

Figure 1: Site Location

Figure 2: Boring Locations

### APPENDICES

A: Phase II Drilling Permit

B: Partial Demolition/Bracing Permit

C: Sidewalk Encroachment Permit

D: January 2013 Phase II Laboratory Analysis Report

E: April 2013 Phase II Laboratory Analysis Report

## **1.0 INTRODUCTION**

On behalf of SRM Development (hereinafter referred to as the “Client”), Environmental Risk Specialties Corporation (ERS) performed a Phase II Environmental Site Assessment (ESA) of the parcel located at 4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street, Oakland, Alameda County, California (hereinafter referred to as the “subject property”).

### **1.1 Purpose**

This Phase II assessment was performed to provide additional assessment in areas previously inaccessible for environmental drilling.

### **1.2 Location and Legal Description**

The subject property is several parcels occupying the entire eastern and northern portions of a block bound by 51<sup>st</sup> Street, Broadway, 49<sup>th</sup> Street, and Desmond Street in Oakland, California. The property addresses are 4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street in Oakland, Alameda County, California. The site is Alameda County Assessor's Parcel Number (APN) 013-1136-010, 013-1136-021, 013-1136-022-01, 013-1136-004-02, 013-1136-005-05, 013-1136-008-04, 013-1136-009-02, 013-1136-012, and 013-1136-011. A map showing the property location is included as Figure 1 and a site map showing the boring locations is included as Figure 2.

### **1.3 Site and Vicinity General Characteristics**

The property is in a commercial/light industrial area within the City of Oakland, California.

### **1.4 Current and Proposed Use of the Property**

The site has four buildings which are currently vacant and unusable in their current dilapidated condition. Former structures have been demolished in other areas of the site. The paved areas, including some of the former building slabs in the southern and northeastern portions of the site are leased to a car dealership for use as overflow inventory automobile storage and former residential lot areas at the northwestern portion of the site are covered with grass and not currently in use.

It is our understanding the site may be purchased and redeveloped with residential and commercial uses.

## **1.5 Description of Structures, Roads, and Other Improvements**

The site has multiple buildings which are currently vacant. Former structures have been demolished in other areas of the site. The paved areas, including some of the former building slabs in the southern and northeastern portions of the site are leased to a car dealership for use as overflow inventory automobile storage and former residential lot areas at the northwestern portion of the site are covered with grass and not currently in use.

The site buildings are accessed from Broadway Street and there are entrances to the paved areas from 49th Street for the southern area and 51st Street and Broadway for the northern areas. There is currently no access off of Desmond Avenue but the site is bordered by Desmond Avenue in the northwestern portion of the site.

## **1.6 Current Uses of the Adjoining Properties**

The subject site is in a mixed use area. The remainder of the block not occupied by the site parcels is residential, as are the other properties west of the site along 49<sup>th</sup> Avenue and Desmond Street. North and east along Broadway and 51<sup>st</sup> Street are commercial or mixed use (commercial on the street level floor and residential on upper floors) properties. South of the site, beyond 49<sup>th</sup> Street, is a school.

## **1.7 Physical Setting Sources(s)**

The EDR Report in Appendix C indicates that the underlying hard rock geology consists of upper Mesozoic Eugeosynclinal Deposits. Surface soils in the vicinity of the site are classified by the United States Department of Agriculture (USDA) Soil Conservation Service (SCS) as urban soil or Tierra loam.

Based on our review of files of known releases in the general vicinity of the site, regional groundwater flow direction appears to be generally to the south to west. The initial depth to groundwater is reported to be approximately 10-15 feet bgs.

Current site-specific information on groundwater flow direction, depth, and quality can only be confirmed through the installation and survey of a minimum of three on-site groundwater-monitoring wells, which was beyond the scope of this assessment.

According to the 1980 USGS Oakland West, California Quadrangle Map, the site elevation is approximately 129 feet above mean sea level with a slight regional topographic slope downward to the southwest.

## **2.0 JANUARY 2013 ENVIRONMENTAL SAMPLING**

Given the potential for impact at the site from the former dry-cleaning operations, auto painting and maintenance, and pharmaceutical manufacturing at the site, ERS recommended and the client approved environmental sampling be conducted at the site. Sampling was only able to be conducted in accessible areas of the site. The sampling was conducted on January 14 and 15, 2013.

### **2.1 January 2013 Phase II Scope of Work**

ERS planned to collect soil and groundwater samples at selected accessible locations at the site including near the former drycleaner, near the auto maintenance on the southern portion of the site, and near the former mixed use area in the northeastern portion of the site.

At the time of the drilling, bedrock was encountered in the upper 10 feet in the northern portion of the site and refusal prevented collection of groundwater samples. Groundwater samples were collected from the samples collected in the southern portion of the site.

Prior to drilling at the site, ERS obtained a drilling permit from Alameda County Public Works. A copy of the drilling permit is included in Appendix A. An Alameda County Inspector visited the site on each of the field days and observed the drilling, soil cutting management, environmental and geotechnical sampling, and borehole sealing procedures to verify compliance with the permit requirements.

Also prior to drilling, ERS marked the site for public utility locating. A private utility locator was also utilized since the drilling areas were behind locked gates and not readily accessible for public utility locators.

The soil samples from 10 feet and shallower and all groundwater samples were analyzed at a California certified laboratory for volatile organic compounds (VOCs), total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), and total petroleum hydrocarbons as motor oil (TPH-MO). The deeper soil samples, where collected, were submitted to the laboratory and held to be used if needed for vertical delineation.

### **2.2 January 2013 Phase II Sampling Methodology**

The environmental sampling was done in combination with a geotechnical evaluation. The drilling was done using a hollow-stem auger and sampling was done using a split spoon sampler. Soil samples were retrieved in new brass liners which were capped, labeled, and placed in a cooler with ice and sent with proper chain of custody to the laboratory. Auger



flights and the split spoon sampler were thoroughly cleaned before the sampling and between sample locations.

Groundwater was collected from boreholes SB-7, SB-8, SB-9, and SB-10 using single-use disposable bailers at a depth of 15 feet. The groundwater samples were placed in new laboratory supplied glassware which was capped, labeled, and placed in a cooler with ice and sent with proper chain of custody to the laboratory.

### 2.3 January 2013 Analysis Results

The findings are summarized in the following tables and the full laboratory analysis reports including chain of custody forms and QA/QC protocol are presented in Appendix D.

**Table 1 – January 2013 Soil Sample Results**

	TPH-G	TPH-D	TPH-MO	VOCs	Arsenic	Chromium	Lead
SB-3@2.5'	ND	ND	ND	ND	2.2	8.7	7.1
SB-3@4'	ND	ND	ND	ND	1.8	40	8.3
SB-3@9'	ND	ND	ND	ND	1.6	78	8.9
SB-5@2.5'	ND	ND	ND	ND	2.0	7.8	29
SB-5@5'	ND	ND	ND	ND	1.8	13	5.6
SB-5@10'	ND	ND	ND	ND	3.2	41	6.6
SB-6@2.5'	ND	ND	ND	ND	2.3	16	11
SB-6@4.5'	ND	ND	ND	ND	2.4	20	14
SB-6@9'	ND	ND	ND	ND	3.2	31	4.5
SB-7@2'	ND	1.5 Y	5.6	ND	3.7	41	13
SB-7@4.5'	ND	1.8 Y	5.6	ND	2.8	64	28
SB-7@10'	ND	ND	ND	ND	3.5	41	5.9
SB-8@2.5'	ND	ND	ND	ND	2.8	53	5.1
SB-8@5'	ND	1.4 Y	9.5	ND	1.9	23	4.3
SB-8@10'	ND	ND	ND	ND	3.4	33	6.9
SB-9@2.5'	ND	1.4 Y	16	ND	2.6	29	7.2
SB-9@5'	ND	1.2 Y	7.1	ND	4.4	35	19
SB-9@10'	ND	ND	ND	ND	2.8	45	13
SB-10@2.5'	ND	21 Y	220	ND	6.0	39	<b>550</b>
SB-10@5'	ND	ND	ND	ND	2.6	41	5.5
SB-10@10'	ND	1.4 Y	16	ND	3.5	48	5.7

Notes: All concentrations are in milligrams per kilogram (mg/kg), which is equivalent to parts per million (ppm). These are the only borings for which soil samples were collected for environmental analysis. The remaining borings were advanced for geotechnical evaluation. ND is note detected indicating the compound was not present above laboratory detection limits in the sample. Only notable metals detected in one or more sample are shown on the above table – the remaining metals were within typical background ranges and below applicable screening levels for all samples. Please see the full laboratory analysis report for a listing of all the analyzed compounds and results. Y is a flag from the laboratory indicating Sample exhibits chromatographic pattern which does not resemble standard.

**Table 2 – January 2013 Groundwater Sample Results**

	TPH-G	TPH-D	TPH-MO	VOCs	Arsenic	Chromium	Lead
<b>SB-7</b>	ND	75 Y	330	ND	ND	ND	ND
<b>SB-8</b>	ND	ND	ND	ND	ND	ND	ND
<b>SB-9</b>	ND	ND	ND	ND	ND	ND	ND
<b>SB-10</b>	ND	ND	ND	ND	ND	ND	ND

*Notes:* All concentrations are in micograms per liter (ug/L) which is equivalent to parts per billion (ppb). These are the only four borings for which groundwater was collected for analysis. ND is note detected indicating the compound was not present above laboratory detection limits in the sample. Only VOCs and metals detected in one or more sample are shown on the above table – please see the full laboratory analysis report for a listing of all the analyzed compounds. Y is a flag from the laboratory indicating Sample exhibits chromatographic pattern which does not resemble standard.

### 3.0 APRIL 2013 ENVIRONMENTAL SAMPLING

Given the amount of site that was inaccessible for the initial drilling, additional drilling and sampling was conducted in April 2013.

#### 3.1 April 2013 Phase II Scope of Work

ERS extended and updated a drilling permit from Alameda County Public Works. A copy of the drilling permit is included in Appendix A. An Alameda County Inspector visited the site on each of the field days and observed the drilling, soil cutting management, environmental and geotechnical sampling, and borehole sealing procedures to verify compliance with the permit requirements.

Prior to the drilling, ERS obtained permits for a partial demolition/bracing of 4929 Broadway to make it accessible for drilling and supervised the partial demolition/bracing work at the site. A copy of the permit is included in Appendix B.

ERS also obtained an encroachment permit to allow drilling in the sidewalk along 49<sup>th</sup> Street south of 4901 Broadway and blocking the parking spots to allow for the sidewalk drilling. A copy of that permit is included in Appendix C.

Also prior to drilling, ERS marked the site for public utility locating.

The soil samples from 10 feet and shallower were analyzed at a California certified laboratory for volatile organic compounds (VOCs), total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), and total petroleum hydrocarbons as motor oil

(TPH-MO). The deeper soil samples, where collected, were submitted to the laboratory and held to be used if needed for vertical delineation.

### 3.2 April 2013 Phase II Sampling Methodology

The environmental sampling was done using a geoprobe with continuous soil sampling in acetate liners. Soil samples were retrieved, cut to an appropriate length, capped, labeled, and placed in a cooler with ice and sent with proper chain of custody to the laboratory. Drilling flights were thoroughly cleaned before the sampling and between sample locations.

Samples were collected at the bottom of the boring in SB-12 and SB-13 (two of the ones in the sidewalk south of 4901 Broadway). No soil samples were collected from SB-11. Even though borings SB-11 thru SB-13 are within 20 feet (+/-) of borings of SB-7 and SB-9, no groundwater was encountered in borings SB-11 thru SB-13. Soil samples were collected at multiple depths from SB-14 through SB-17. The lab was requested to only analyze the shallowest soil sample with the other samples being held for subsequent analysis should impacted soil be detected in the shallow soil samples.

Groundwater was planned to be collected from the boreholes using single-use disposable bailers however none of the borings produced any groundwater for a sample to be collected.

### 3.3 April 2013 Analysis Results

The findings are summarized in the following tables and the full laboratory analysis reports including chain of custody forms and QA/QC protocol are presented in Appendix E.

**Table 3 – April 2013 Soil Sample Results**

	TPH-G	TPH-D	TPH-MO	VOCs	Arsenic	Chromium	Lead
SB-12@17.5-18	ND	1.8 Y	ND	ND	Not Analyzed	Not Analyzed	Not Analyzed
SB-13@15.5-16	ND	1.2 Y	ND	ND	Not Analyzed	Not Analyzed	Not Analyzed
SB-14@3 1/2-4	ND	1.1 Y	6.4	ND	2.5	17	9.2
SB-15@3.5-4	ND	38 Y	19	ND	2.1	33	18
SB-16@3 1/2-4	ND	8.7 Y	25	ND	2.6	32	26
SB-17@3 1/2-4	ND	8.4 Y	27	ND	3.2	43	14

*Notes:* All concentrations are in milligrams per kilogram (mg/kg), which is equivalent to parts per million (ppm). ND is not detected indicating the compound was not present above laboratory detection limits in the sample. Only notable metals detected in one or more sample are shown on the above table – the remaining metals were within typical background ranges and below applicable screening levels for all samples. Please see the full laboratory analysis report for a listing of all the analyzed compounds and results. Y is a flag from the laboratory indicating Sample exhibits chromatographic pattern which does not resemble standard.

#### **4.0 DISCUSSION**

No significant groundwater impacts to the groundwater at the site were discovered in the borings advanced at the site.

In the areas accessible for the Phase II assessment, the only significant soil impact appeared to be elevated lead concentrations in the 2.5 feet deep sample in SB-10, a boring near Broadway Avenue in the paved area in the southern portion of the site. The concentration of lead detected in that sample was 550 mg/kg which exceeded residential screening levels and were more than ten times higher than the next highest lead concentration observed in the analyzed soil samples. The concentrations of lead detected in the 5 and 10 foot deep sample from this boring were only 5.5 and 5.7 mg/kg, indicating that the soil impacts are limited only to the shallow soils in that area of the site.

#### **5.0 RECOMMENDATIONS**

ERS recommends the lead-impacted surface soil be excavated and disposed during property redevelopment.

Although no other areas of known impacts have been found at the site, we recommend a representative from ERS be present during the building demolition to identify and if necessary sample areas with staining, odors, or other potential evidence of impacts exposed during the building demolition and site preparation.

## 6.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This report has been conducted by the following ERS personnel.

Prepared by:



Janelle Amendola  
Environmental Assessor

Reviewed by:



Kendall W. Price, CEG, REA  
Regional Manager/Principal Consultant

Phase I and II ESA

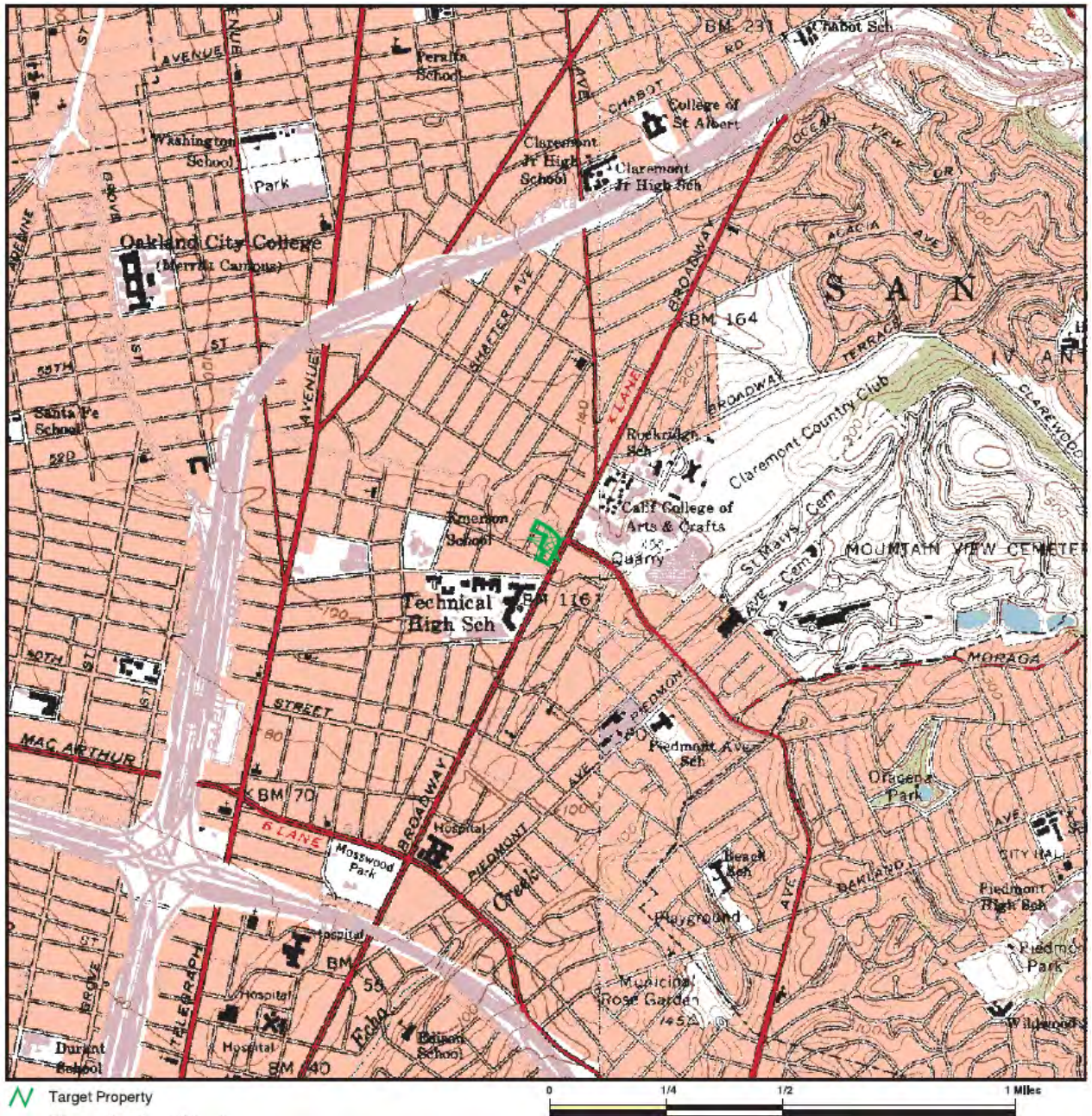
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## **FIGURES**

**Figure 1 – Site Location**

**Figure 2 – Boring Locations**



NOTE: Base map provided by EDR

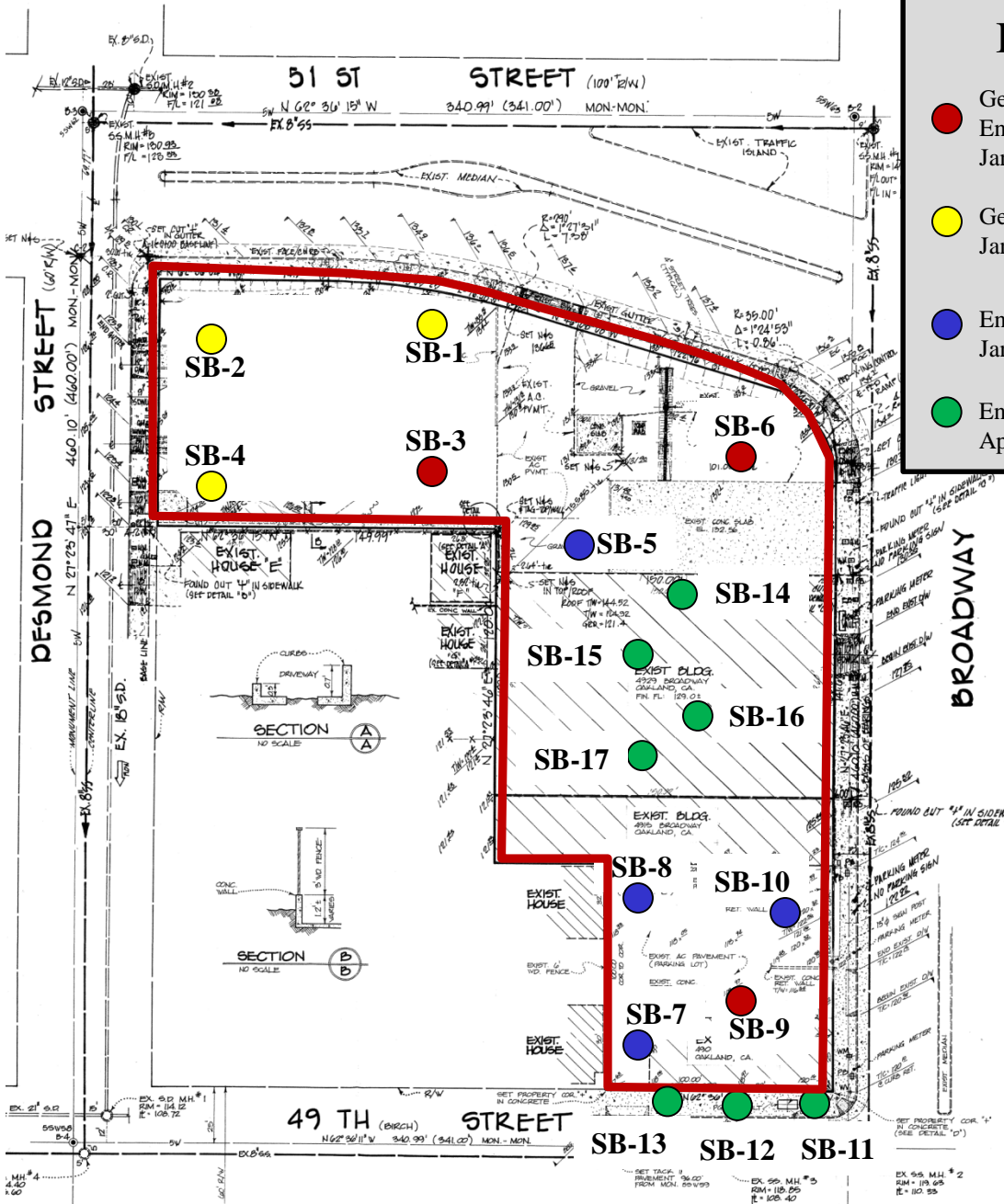
FIGURE 1 – Site Vicinity

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address)  
 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desdemond Street,  
 Oakland, California

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# INDEX

- Geotechnical and Environmental Boring January 2013
- Geotechnical Boring January 2013
- Environmental Boring January 2013
- Environmental Boring April 2013



NOTE: Base map provided by current property owner

FIGURE 2 –Boring Locations

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street, Oakland, California





Phase I and II ESA

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street, Oakland, California

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## **APPENDIX A**

### **Updated Drilling Permit**

# Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street  
Hayward, CA 94544-1395  
Telephone: (510)670-6633 Fax:(510)782-1939

**Application Approved on: 01/03/2013 By jamesy**

**Permit Numbers: W2013-0023**  
**Permits Valid from 04/15/2013 to 04/15/2013**

<b>Application Id:</b>	1356636778406	<b>City of Project Site:</b>	Oakland
<b>Site Location:</b>	4901,4915,4919,4921,4939,&4945 Broadway; 311 and 313-51st St.,4974,4970,4966,4964 desmond St. & APN 013-1136-00 (no address)	<b>Completion Date:</b>	01/17/2013
<b>Project Start Date:</b>	01/14/2013	<b>Assigned Inspector:</b>	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org
<b>Assigned Inspector:</b>	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org	<b>Extension Start Date:</b>	04/15/2013
<b>Extension Start Date:</b>	04/15/2013	<b>Extension End Date:</b>	04/15/2013
<b>Extension Count:</b>	1	<b>Extended By:</b>	jamesy

<b>Applicant:</b>	ERS Corp - Kendall Price 2314 Walsh Ave, Santa Clara, CA 95051	<b>Phone:</b>	408-496-0801
<b>Property Owner:</b>	Connie Miottel Trust...Miottel PO Box 3450, Berkeley, CA 94703	<b>Phone:</b>	916-803-2322
<b>Client:</b>	Leong SRM Development...Ryan 111North Post Ste. 200, Spokane, WA 99201	<b>Phone:</b>	206-838-0933
<b>Contact:</b>	Kendall Price	<b>Phone:</b>	408-496-0801
		<b>Cell:</b>	408-220-8476

<b>Total Due:</b>	\$265.00
<b>Receipt Number: WR2013-0004</b>	<b>Total Amount Paid:</b> _____
<b>Payer Name : Kendall W. Price</b>	<b>PAID IN FULL</b>
<b>Paid By: VISA</b>	

**Works Requesting Permits:**

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 22 Boreholes  
Driller: Hew Drilling & Enprobe C57-777007 - Lic #: 604987 - Method: DP

**Work Total: \$265.00**

**Specifications**

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2013-0023	01/03/2013	04/14/2013	22	2.00 in.	30.00 ft

**Specific Work Permit Conditions**

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

## **Alameda County Public Works Agency - Water Resources Well Permit**

5. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
  6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
  7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
  8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
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Phase I and II ESA

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## **APPENDIX B**

### **Partial Demolition/Bracing Permit**

Address: 4929 BROADWAY Suite: APN: 013 -1136-010-00

Description: Provide/construct TEMPORARY bracing to enable removal of collapsed roofing and for debris removal.

Owner: MIOTTEL W J JR & KATRINA V & W Issued: 00/00/00

Contractor: Nbr Units:

Construction Type: 5B Sprinklers:

Spec Insp:

Appl# B1301035

Prepaid Insp: 6

MAJOR INSPECTION	BUILDING	ELECTRICAL	PLUMBING	MECHANICAL	ZONING
TO SCHEDULE INSPECTION CALL 510-238-3441					510-238-6345
<ul style="list-style-type: none"> <li>ZONING ROUGH &amp; FINAL SIGN-OFF IS REQUIRED PRIOR TO BUILDING ROUGH &amp; FINAL SIGN-OFF. SEE PHONE NUMBER ABOVE TO SCHEDULE.</li> <li>BUILDING, ELECTRICAL, PLUMBING, AND MECHANICAL INSPECTIONS MUST BE SCHEDULED SEPARATELY (PLEASE CALL WELL IN ADVANCE).</li> <li>ALL PERMITS ARE SEPARATE AND WILL EXPIRE UNLESS MAJOR INSPECTIONS ARE APPROVED BY THE CITY EVERY 6 MONTHS (OR SOONER).</li> <li>DO NOT CONCEAL ANY WORK UNTIL "OK TO POUR"; "OK TO COVER" HAS BEEN SIGNED AND DATED BY THE CITY.</li> <li>"BEST MANAGEMENT PRACTICES" MUST BE USED DAILY FOR DUST CONTROL AND TO PROTECT STORM WATER DRAINAGE SYSTEMS.</li> <li>SEPARATE PERMITS ARE REQUIRED TO RESERVE PARKING, OR TO OBSTRUCT THE SIDEWALK OR STREET IN ANY WAY. THIS INCLUDES SCAFFOLDING, PEDESTRIAN CANOPY, CONSTRUCTION FENCING, MATERIAL STOCKPILES, DUMPSTERS, TRAFFIC LANE CLOSURES, ETC. WORK ON SIDEWALK, CURB, GUTTER, AND/OR DRIVEWAY APPROACH REQUIRES SEPARATE CGS PERMIT.</li> <li>SPRINKLER SYSTEM PERMITTED THROUGH FIRE PREVENTION BUREAU. DO NOT DEMOLISH THE FIRE SUPPRESSION STANDPIPES UNLESS A REPLACEMENT IS READY TO BE INSTALLED.</li> </ul>					
01 FOUNDATION (6 MONTHS MAXIMUM)	10 SETBACK	30 CONSTRUCT POWER			60 ORIG GRADE ELEV
	11 PIERS	31 UFER			61 LOT COVERAGE
	12 REPORT / CERT / FEE				
OK TO POUR	13 FTG / SLAB / EMBED	32 UNDER GROUND	40 UNDER GROUND	50 UNDER GROUND	62 SITE
	14 REPORT / CERT / FEE				
02 FLOOR (6 MONTHS MAXIMUM)	15 UNDER FLOOR	33 UNDER FLOOR	41 UNDER FLOOR	51 UNDER FLOOR	63 FLOOR ELEVATION
OK TO COVER	16 LATH / CEILING	34 SUSPENDED CEILING	42 DWV PIPING	52 SUSPENDED CEILING	64 ROOF HEIGHT
	17 MASNRY / RET WALL	35 PREMISES WIRING	43 GAS PIPING	53 FLUE	
	18 SHEARWALL / ROOF	36 SUBPANEL	44 WATER PIPING	54 DUCT (LOW PRESS)	
	19 SHAFT / FIREWALL	37 SERVICE / MCC	45 CONDENSATE PIPING	55 DUCT (TYPE I HOOD)	
	20 TUB / SHOWER WALL		46 TUB / SHOWER PAN	56 FIRE DAMPER	
	21 INSULATION		47 WATER SERVICE	57 MANUF FIREPLACE	
	22 ROUGH <i>WJB 4.15.13</i>	38 ROUGH	48 ROUGH	58 ROUGH	68 ROUGH (REQUIRED)
OK TO COVER	23 W.M.LBRD / SHINGLE				
	29 REPORT / CERT / FEE	39 EMERG SYSTEMS	49 GAS TEST	59 EQUIPMENT / HOOD	69 TREE ISSUES OPR (510) 615-5850
04 FINAL (6 MONTHS MAXIMUM)	80 ENGR SERVICES (510) 238-4770	80 UTILITY RELEASE	80 UTILITY RELEASE	80 UTILITY RELEASE	80 LANDSCAPING / IRRIG
	81 FIRE PREVENTION (510) 238-3851	82 PUBLIC WORKS (510) 238-3051	83 SEWER FINAL 510 / 238 - 3651	84 COUNTY HEALTH (510) 567-6700	85 SIDEWALK FINAL 510 / 238 - 3651
	86 FINAL BUILDING	86 FINAL ELECTRICAL	86 FINAL PLUMBING	86 FINAL MECHANICAL	86 FINAL PLAN (REQUIRED)

If waste is asbestos waste, complete Sections I, II, III and IV  
 If waste is NOT asbestos waste, complete Sections I, II and III

**I. GENERATOR** (Generator completes Ia-r)

a. Generator's US EPA ID Number N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: W. John Moffet Jr. and William Moffet Trustees 4923 Broadway Oakland, CA 94609 918-901-2322			e. Generator's Mailing Address: W. John Moffet Jr. and William Moffet Trustees 4923 Broadway Oakland, CA 94609 918-901-2322		
f. Phone: Oakland, CA 94609 918-901-2322			g. Phone: Oakland, CA 94609 918-901-2322		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #		k. Exp. Date	l. Waste Shipping Name and Description		m. Containers
					n. Total Quantity
					o. Unit Wt/Vol
A		2/21/2013	Demo Debris With Lead Paint		1.00
B					
C					
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
p. Generator Authorized Agent Name (Print) JANELLE SAHR			q. Signature 		r. Date 04-11-2013

**II. TRANSPORTER** (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: 18 Trucking P O Box 83110 San Francisco, CA 94129 415-607-1910		
b. Phone: San Francisco, CA 94129 415-607-1910		
c. Driver Name (Print) ABYMBERTO NAZO		d. Signature 
		e. Date 04-15-13

**III. DESTINATION** (Generator completes IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Rd Pittsburg, CA 94565 925-458-9800		c. USERRA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) FRANK COMPTON		f. Signature 	g. Date 4-15-13

**IV. ASBESTOS** (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

If waste is asbestos waste, complete Sections I, II, III and IV  
 If waste is NOT asbestos waste, complete Sections I, II and III

**I. GENERATOR (Generator completes Ia-r)**

a. Generator's US EPA ID Number <i>N/A</i>		b. Manifest Document Number		c. Page 1 of		
d. Generator's Name and Location: W. John Moffet Jr. and Kehina Moffet Tardiff 4929 Broadway Oakland, CA 94609 010-863-2322			e. Generator's Mailing Address: W. John Moffet Jr. and Kehina Moffet Tardiff 4929 Broadway Oakland, CA 94609 010-863-2322			
f. Phone:			g. Phone:			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers		n. Total Quantity	o. Unit Wt/Vol
			No.	Type		
A	2/21/2013	Demo Debris With Asbestos				1.00
B						
C						
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
p. Generator Authorized Agent Name (Print) JANELLE SAHR			q. Signature <i>[Signature]</i>		r. Date 04-11-2013	

**II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)**

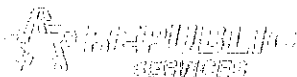
a. Transporter's Name and Address: 18 Trucking P.O. Box 89110 San Francisco, CA 94103 415-553-1810		
b. Phone:		
c. Driver Name (Print) Humberto RAZO	d. Signature <i>[Signature]</i>	e. Date 04-15-13

**III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)**

a. Disposal Facility and Site Address: Keller Canyon Landfill 801 Bailey Rd Pittsburg, CA 95665 925-458-9800		b.	c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.				
e. Name of Authorized Agent (Print) Frank Comley		f. Signature <i>[Signature]</i>		g. Date 4-15-13

**IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)**

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV  
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: W John F. Bole, Jr. and Family Trust 4700 Broadway Oakland, CA 94612			e. Generator's Mailing Address: W John F. Bole, Jr. and Family Trust 4700 Broadway Oakland, CA 94612		
f. Phone: (415) 552-1111		g. Phone: (415) 552-1111			
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No. Type		n. Total Quantity
B	2/11/2013	Demolition With Lead Paint			Ton
C					
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
p. Generator Authorized Agent Name (Print) JANELLE SAHR		q. Signature 		r. Date 4-11-2013	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: 10 Trucking P.O. Box 93116 San Francisco, CA 94109			b. Phone: (415) 552-1810		
c. Driver Name (Print) Humberto Pardo		d. Signature 		e. Date 04-15-13	

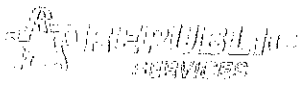
III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address: Keller Canyon Landfill 501 Bayley Rd Pittsburg, CA 94565		c. US EPA Number 925-480-9800	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) Fchele Gomez		f. Signature 	
		g. Date 4-15-13	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both      % Friable      % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			





# NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV  
If waste is NOT asbestos waste, complete Sections I, II and III

## I. GENERATOR (Generator completes Ia-i)

a. Generator's US EPA ID Number N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: W. John Ford Ln. and W. Adams St. Torrance, CA 90503			e. Generator's Mailing Address: W. John Ford Ln. and W. Adams St. Torrance, CA 90503		
f. Phone: (310) 215-4500		g. Phone: (310) 215-4500			
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No. Type		n. Total Quantity
221215540	7/21/2014	Demo Debris With Lead Cont.			Total
B					
C					
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
p. Generator Authorized Agent Name (Print) JANELLE SAHR			q. Signature 		r. Date 4-11-2013

## II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

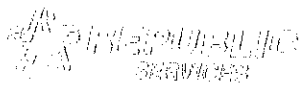
a. Transporter's Name and Address: 18 Trucking P.O. Box 89110 San Francisco, CA 94109			b. Phone: 415-552-1910		
c. Driver Name (Print) Humberto AATO	d. Signature 		e. Date 04-15-13		

## III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bayley Rd Pittsburg, CA 94565		b. US EPA Number 925-450-9000	c. Discrepancy Indication Space:		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
e. Name of Authorized Agent (Print) Felipe Gomez		f. Signature 		g. Date 4-15-13	

## IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					



# NON-HAZARDOUS SPECIAL WASTE ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV  
If waste is NOT asbestos waste, complete Sections I, II and III

## I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: W. John Mitchell Jr. and Patricia Mitchell Trustees 4920 Broadway Oakland, CA 94609 916-203-3522			e. Generator's Mailing Address: W. John Mitchell Jr. and Patricia Mitchell Trustees 4920 Broadway Oakland, CA 94609 916-203-3522		
f. Phone: Oakland, CA 94609 916-203-3522			g. Phone: Oakland, CA 94609 916-203-3522		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:					
i. Owner's Phone No.:					
j. Waste Profile #		k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type
B		2/21/2014	Demo Debris With Lead Paint		n. Total Quantity
C					o. Unit Wt/Vol Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) JANELLE SAHR		q. Signature 		r. Date 4-11-2013	
--	--	------------------	--	----------------------	--

## II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: 18 Trucking P.O. Box 88116 San Francisco, CA 94188 415-552-1818		
b. Phone: San Francisco, CA 94188 415-552-1818		c. Driver Name (Print) LEO LILLELABOS
d. Signature 		e. Date 4/15/13

## III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Rd Pittsburg, CA 94565 925-450-8800		c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) Phil Compton		f. Signature 	g. Date 4-15-13

## IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

Phase I and II ESA

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street, Oakland, California

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## **APPENDIX C**

### **Encroachment Permit**

which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.

Appl# X1300840 Job Site 4929 BROADWAY Parcel# 013 -1136-010-00

Descr Core drilling in sidewalk on 49th St. side of bldg. Permit Issued 04/09/13

Work Type EXCAVATION-PRIVATE P Non-Metered

USA # Util Co. Job # Acctg#:  
Util Fund #:

Owner MIOTTEL W J JR & KATRINA V & W X (510)486-1862 Applcmt Phone# Lic# --License Classes--  
Contractor  
Arch/Engr KEN PRICE (L/A 3-8-13) (408)496-0801  
Agent  
Applic Addr

**APPLICANT COPY**

\$436.05 FEES TO BE PAID AT ISSUANCE  
\$71.00 Applic \$309.00 Permit  
\$.00 Process \$36.10 Rec Mgmt  
\$.00 Gen Plan \$.00 Invstg  
\$.00 Other \$19.95 Tech Enh

Permit Issued By cb Date: 4-9-13

Inspection Routing:  
Inits Date


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

FLD-CHEK/Pre-Con  
Excavation/Anchor Installation  
Sidewalk repair mark-out  
Concrete repair  
Finalled

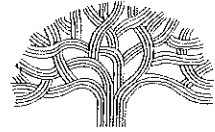
ADDRESS:

DIST:

CITY OF OAKLAND

**PAID**  
4/9/13 

# CITY OF OAKLAND



Public Works Agency • 250 Frank H. Ogawa Plaza • Suite 4344 • Oakland, California 94612-2033  
 Transportation Services Division

Office (510) 238-3466  
 FAX (510) 238-7415  
 TDD (510) 839-6451

## Traffic Engineering Services Analysis Fee Invoice

Date: March 28, 2013

TSD Invoice # : 13-0045

To: Kendall Price  
 Company: ERS Corp  
 Address: 2314 Walsh Ave, Santa Clara CA 95051  
 Phone: 408-496-0801

Created/Received By: Bert Chang

Location	Description of Work	Project Name / Permit #	# of Hours *
4929 Broadway	Lane Closure		1.5
<b>Total Hours</b>			1.5
<b>TSD Service Rate</b>			\$ 123.00
<b>Total Fee</b>			\$ 184.50

\* - minimum 1 hour service

FOR CITY USE ONLY	
Cost Center No.	W045
Organization No.	30265
Account No.	45119
Fund No.	1750

Cc: Rosalie

APPLICATION FOR TRAFFIC CONTROL PLAN

TSD 13-0045

Transportation Services Fee: \$123/hour  
(Check or Money Order Only)



City of Oakland

Public Works Agency  
Transportation Services Division

- Check the box that apply:
- New Application (Utility, Excavation)
  - Renewal Application
  - New Development w/ Mgmt Plan
  - City of Oakland Project

Please Read the Following Statements Below:

1. Processing time for a Traffic Control Application is a minimum of 10 business days.
2. Traffic Control review is scheduled only on Tuesdays and Thursdays from 8:30am thru 11:30am by appointment only.
3. A scheduled appointment by phone or email with a TSD staff member is necessary to discuss any and all traffic control application and plans.
4. Please call ahead to confirm that the traffic control application is ready for pickup @ 510-238-3467.
5. Businesses and residences adjacent to the work area must be provided 72 hour advance notice.
6. A completed traffic control application may be faxed to (510) 238-7415.
7. Incomplete traffic control applications will not be processed and returned to applicant immediately.
8. The initial approval for a traffic control plan is 1 month, the renewal submittal may be approved up to 3 months.
9. The traffic control provision dates cannot be changed or extended if work has already commenced.
10. After receiving TSD approval of the traffic control application, contractor shall proceed to the Permit Center to "Obstruction" obtain an obstruction permit.

Contact Person: KENDRA PRICE Phone: 408-496-0801

Name of Company: ERS COMP Fax: \_\_\_\_\_

Address of Company: 2314 WALSH AVE, SANTA LUNA, CA 95051

Describe type of work to be performed: REMOVAL OF ROOFING DEBRIS AT THE TRUCK DOOR & SIDEWALK ON 49TH ST

Location of work: 4929 BROADWAY Between\* 49TH ST And\* 51ST ST

Work date (s): 4/1 to 5/1  Mon-Fri  Sat-Sun Work Hours: 7:30 am to 4:30 pm (3 days)

Please Follow these Steps in Order to Complete a Traffic Control Plan:

- A. Drawing Area: The full width of all streets adjacent to the site MUST be included in the drawing. Include the entire block in which your work is located for every street that is adjacent to your site.
- B. Include Street Names, Direction of Traffic on the Street, and North Arrow
- C. Show Existing Number of Lanes in all Directions (with any pavement arrows)
- D. Check the Box(s) that Apply: All checked items MUST be shown on the drawing

<input checked="" type="checkbox"/> Lane Closure	<input type="checkbox"/> Use of Median	<input checked="" type="checkbox"/> Sidewalk Closure
<input type="checkbox"/> Street Closures (must provide detour plan)	<input checked="" type="checkbox"/> Use Parking Lane	(must provide pedestrian walk way)
- E. Show All Dimensions of street widths (curb to curb), lane widths, sidewalk widths, and work area dimension.  
(Note: Traffic Control Application / Plans missing the above information will not be accepted or processed.)
- F. Show the Name and Locations of all advanced warning devices, flaggers, delineators, warning and construction signs to be used.

**RENEWAL PROCESS:** Resubmit a completed Traffic Control Application with the old approved plan (with the necessary modifications / changes to the plans).

FOR HELP in preparing a traffic control plan, see Temporary Traffic Control Pocket Reference Guide 2007, Work Area Traffic Control Handbook 2006, or the California Manual on Uniform Traffic Control (MUTCD) 2003, Chapter 6.  
[http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/ca\\_mutcd.htm](http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/ca_mutcd.htm)  
For City website: <http://www.oaklandpw.com/Page548.aspx>

\* Name the streets that are the boundaries of your work area.



## City of Oakland Public Works Agency

www.oaklandpw.com

Report a Problem - PWA Call Center:

(510) 615-5566 - pwacallcenter@oaklandnet.com

### Application for Traffic Control Plan

To obtain an encroachment, obstruction, or excavation permit, you are REQUIRED to submit a Traffic Control application. See instructions below.

If your project **MEETS** one or more of the conditions listed below, submit your traffic control application in person or by fax (510-238-7415) to TSD:

Attn: Joe Watson  
CEDA, Transportation Services Division (TSD)  
250 Frank H. Ogawa, Suite 4344, Oakland, CA 94612

Your project, work site, or limits of work:

- 1. Is located in a Holiday Restricted Street.
- 2. Is located in a Limited Duration Street.
- 3. Is within a street with commercially zoned land uses.
- 4. Has a work area of one city block or 300 feet or greater in length, whichever is less, along the street.
- 5. Provides less than 5 feet 6 inches of unobstructed sidewalk for sidewalk related work.
- 6. Requires lane closure with a work area of one city block or 300 feet or greater in length, whichever is less, along the street.
- 7. Requires street closures or traffic detour for all work area sizes. Note that depending on the nature of work and size of work area, proposed work in the parking lane may require full or partial street closure.
- 8. Requires full or partial closure of one or more signalized intersections (i.e. intersections controlled by a traffic signal, pedestrian signal, or railroad crossing signal) for all work area sizes. Note that this does not apply to intersections controlled by STOP or YIELD signs.
- 9. Is expected to impact State (Caltrans) right-of-way.

A traffic control plan must be prepared in accordance with the traffic control application instructions and the California Manual on Uniform Traffic Control (MUTCD), 2003 or the latest edition, whichever is the most current. For detail

## SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name: \_\_\_\_\_  
 Project Number: TSD-13-0045  
 Reviewed By: BChang *[Signature]*  
 Date: 3/28/2013  
 Permit good from 4/1/2013  
 to 5/1/2013

ADD NEW SUBSECTION TO READ:  
SP 7-10.1.4 Vehicular Traffic

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2006 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the Work Area Traffic Control Handbook or Manual on Uniform Traffic Control Devices (MUTCD), Chapter 6 – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a condition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and reopened to travel. Emergency access shall be provided at all times.

Street Name Limits	Obstruction Period	North Bound	South Bound	East Bound	West Bound
Broadway from 51 <sup>st</sup> St to 49 <sup>th</sup> St	Mon. – Fri. 9am – 4pm	N/A	Lane Closure / NO PARKING	N/A	N/A
49 <sup>th</sup> St at the intersection of Broadway	Mon. – Fri. 9am – 4pm	N/A	N/A	Lane Shift / NO PARKING	Lane Shift / NO PARKING

Coordinate all work dates and locations with City of Oakland Right-Of-Way Inspection team.

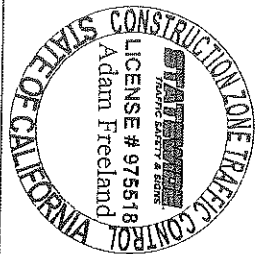
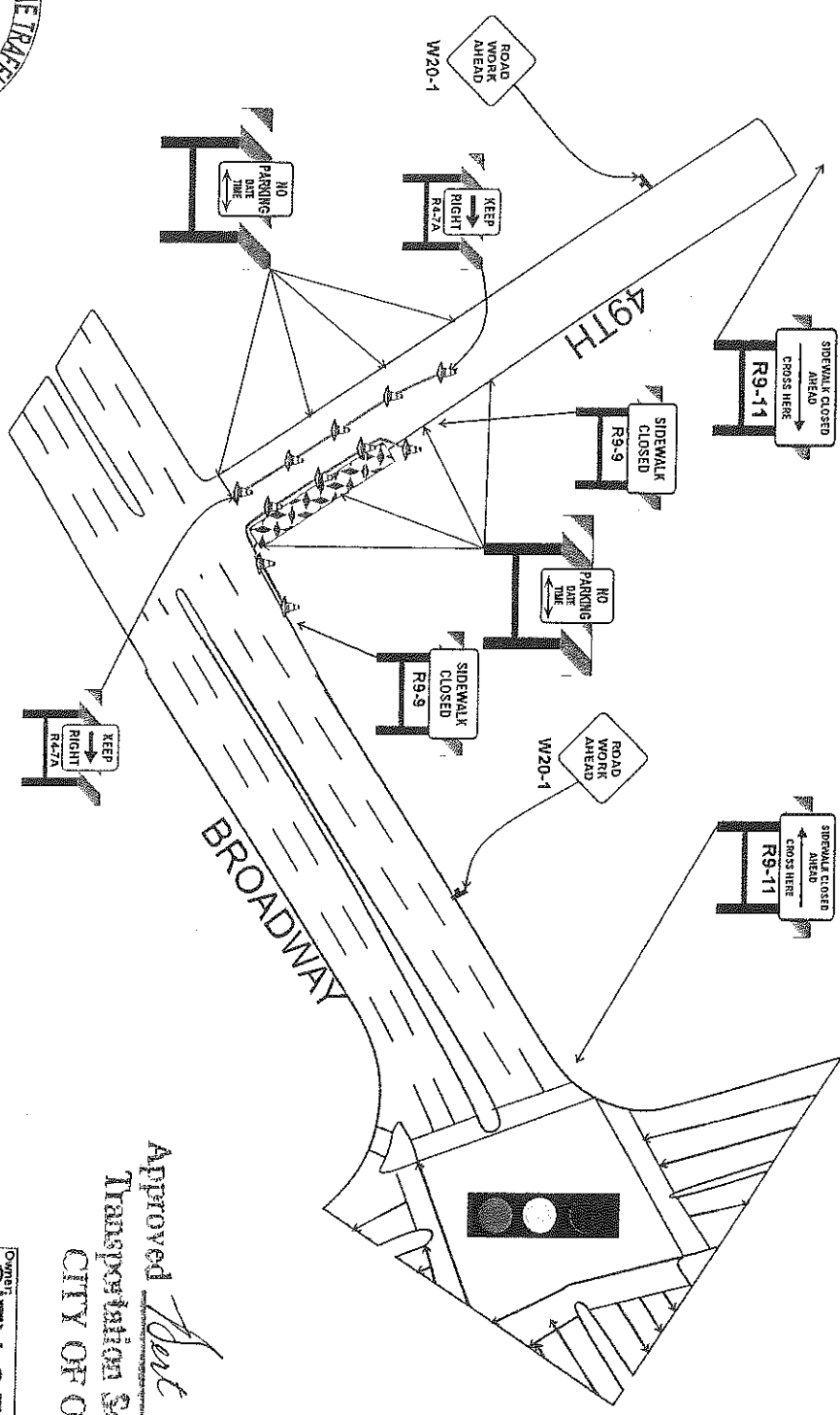
**The Contractor Shall Also include all check item:**

1.  Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2.  Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3.  Provide advance notice to Oakland Police at (510) 777-3333 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
4.  Provide 72-hour advance notice to AC Transit at (510) 891-4909 when affecting a bus stop.
5.  For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
6.  Flagger control is required. Certified Flagger is required.
7.  Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
8.  Pedestrian traffic shall be maintained and guided through the project at all times.
9.  Provide advance notice to Business and Residence within 72-hours.
10.  Allow all traffic movement at intersection.

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.



NOTE: MAINTAIN 11' LANES AT ALL TIMES



WORK ZONE	LIGHT TOWER
CERTIFIED FLAGGER	BARRICADE
REFLECTIVE CONE LINE	SAND FILLED CRASH CUSHION
PORTABLE C.A.S.	ABSORB 350 ELEMENT
ARROW BOARD	WATER WALL/WATER FILLED K RAIL
CHANGEABLE MESSAGE SIGN	20' CONCRETE K RAIL

Approved *Scott Clary 3/28/2013*  
 Transportation Services Division  
 CITY OF OAKLAND TSD 13-0045

Owner: CITY OF OAKLAND  
 Project Name: SRM DEVEL / 51ST ST.  
 Prime Contractor: ERS CORP  
 Phone Number: 408.496.0801  
 Prepared By: STATEWIDE TRAFFIC SAFETY & SIGNS  
 Date Prepared: 2/27/13  
 STATEWIDE REFERENCE #: 97.1



# LETTER OF AGENCY FOR PROPERTY OWNERS

VALID UP TO 180 DAYS ONLY

BUILDING SERVICES DIVISION  
250 Frank Ogawa Plaza  
2nd Fl., Suite 211  
Oakland, Ca 94612  
VOICE: (510) 238-3443  
FAX: (510) 238-2362

NAME OF PROPERTY OWNER:  
W. JOHN MIOTTEL, JR / KATRINA MIOTTEL, TRUSTEES

PROPERTY ADDRESS: 4929 Broadway, Oakland

By my signature below I authorize Kendall Price to act as my agent/representative in obtaining any permits related to the work described below from the CEDA/ Building Services Division for the above listed property address.

BRIEFLY DESCRIBE WORK TO BE PERFORMED:  
Partial demolition of dilapidated building to allow safe access for due diligence environmental sampling prior to property transfer.

As proof of ownership, I have attached either 1) a copy of my property deed, or 2) a current tax bill which identifies me as the owner of said property.

[Signature]  
PROPERTY OWNER'S SIGNATURE (MUST BE SIGNED BEFORE A NOTARY PUBLIC)  
W. JOHN MIOTTEL, JR. Katrina Miottel  
PRINT NAME OF PROPERTY OWNER

MARCH 8, 2013  
DATE  
(510) 484-1862  
PROPERTY OWNER'S PHONE NUMBER

USE SPACE BELOW FOR SIGNATURE NOTARIZATION

State of California  
County of ALAMEDA

On 3/8/13 before me, KULDIP SINGH BHATIA, NOTARY PUBLIC  
Name and Title of the Officer

Personally appeared W. JOHN MIOTTEL JR AND KATRINA MIOTTEL  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~/they executed the same in ~~his~~/her/their authorized capacity(ies), and that by ~~his~~/her/their authorized capacity(ies), and that by ~~his~~/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal  
[Signature]  
Signature of Notary Public



Place Notary Seal Above

Phase I and II ESA

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street, Oakland, California

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**APPENDIX D**  
**January 2013 Laboratory Analysis Report**



Curtis & Tompkins, Ltd.  
Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 242423
ANALYTICAL REPORT

ERS Corp.
1600 Riviera Ave.
Walnut Creek, CA 94596

Project : BROADWAY/51ST
Location : Broadway / 51St
Level : II

Table with 2 columns: Sample ID and Lab ID. Contains 12 rows of sample and lab identifiers.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Tracy Babjar
Project Manager
(510) 204-2226

Date: 01/22/2013

NELAP # 01107CA

### CASE NARRATIVE

Laboratory number: 242423  
Client: ERS Corp.  
Project: BROADWAY/51ST  
Location: Broadway / 51st  
Request Date: 01/15/13  
Samples Received: 01/15/13

This data package contains sample and QC results for nine soil samples, requested for the above referenced project on 01/15/13. The samples were received cold and intact.

**TPH-Purgeables and/or BTXE by GC (EPA 8015B):**

No analytical problems were encountered.

**TPH-Extractables by GC (EPA 8015B):**

No analytical problems were encountered.

**Volatile Organics by GC/MS (EPA 8260B):**

No analytical problems were encountered.

**Metals (EPA 6010B and EPA 7471A):**

Low recoveries were observed for barium in the MS/MSD of SB-3@2.5' (lab # 242423-001); the BS/BSD were within limits, and the associated RPD was within limits. High recoveries were observed for copper and zinc; the BS/BSD were within limits, and the associated RPDs were within limits. No other analytical problems were encountered.

**Curtis & Tompkins, Ltd.**  
 Analytical Laboratory Since 1878  
 2323 Fifth Street  
 Berkeley, CA 94710  
 (510)486-0900 Phone  
 (510)486-0532 Fax

# CHAIN OF CUSTODY

Page 1 of 1  
 Chain of Custody #: \_\_\_\_\_

## Analytical Request

Volcs	X																		
CAM 17 metals	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TPH gas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TPH stored	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TPH motor oil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOLD SAMPLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

C&T LOGIN # 292923

Sampler: J. Amendola  
 Report To: J. Amendola/K. Price  
 Company: ERS Corporation  
 Telephone: (408) 496-0801  
 Email: jamendola@erscorp.us

Project No: Broadway/57st  
 Project Name: Broadway/57st  
 EDD Format: Rpt Level: II III IV  
 Turnaround Time:  RUSH  Standard

Lab No.	Sample ID.	Sampling		Matrix		Chemical Preservative					# of Containers	Water	Soil	
		Date	Time	Water	Soil	HCl	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	NaOH	None				
1	SB-3 @ 2.5'	1/14/13	1:15	X	X								X	
2	SB-3 @ 4'	1/14/13	1:30	X	X								X	
3	SB-3 @ 9'	1/14/13	1:45	X	X								X	
4	SB-3 @ 15'	1/14/13	1:55	X	X								X	
5	SB-5 @ 2.5'	1/14/13	2:45	X	X								X	
6	SB-5 @ 5'	1/14/13	2:00	X	X								X	
7	SB-5 @ 10'	1/14/13	3:15	X	X								X	
8	SB-5 @ 15'	1/14/13	3:30	X	X								X	
9	SB-6 @ 2.5'	1/14/13	4:05	X	X								X	
10	SB-6 @ 4.5'	1/14/13	4:15	X	X								X	
11	SB-6 @ 9'	1/14/13	4:30	X	X								X	
12	SB-6 @ 14.5'	1/14/13	4:45	X	X								X	

Notes:  <u>EDF needed</u>	SAMPLE RECEIPT <input type="checkbox"/> Intact <input type="checkbox"/> Cold <input type="checkbox"/> On Ice <input type="checkbox"/> Ambient	RELINQUISHED BY: <u>J. Amendola</u>	RECEIVED BY: <u>[Signature]</u>
		DATE/TIME <u>1/13/13 15:15</u>	DATE/TIME <u>1/15/13 15:12</u>
		DATE/TIME <u>1/13/13 15:15</u>	DATE/TIME <u>1/15/13 15:15</u>
		DATE/TIME	DATE/TIME

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 242423 Date Received 1/15/13 Number of coolers 1
Client ERS Corp Project Broadway 151 St

Date Opened 1/15/13 By (print) HH (sign) [Signature]
Date Logged in [Signature] By (print) [Signature] (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- Bubble Wrap, Cloth material, Foam blocks, Cardboard, Bags, Styrofoam, None, Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C)

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO

If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO

If YES, Who was called? By Date:

COMMENTS

[Blank lines for comments]



Total Volatile Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	194665
Units:	mg/Kg	Sampled:	01/14/13
Basis:	as received	Received:	01/15/13
Diln Fac:	1.000	Analyzed:	01/16/13

Field ID: SB-3@2.5'      Lab ID: 242423-001  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	62-134

Field ID: SB-3@4'      Lab ID: 242423-002  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.99

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	62-134

Field ID: SB-3@9'      Lab ID: 242423-003  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.90

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	112	62-134

Field ID: SB-5@2.5'      Lab ID: 242423-005  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	62-134

Field ID: SB-5@5'      Lab ID: 242423-006  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	62-134

ND= Not Detected  
 RL= Reporting Limit  
 Page 1 of 2

Total Volatile Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	194665
Units:	mg/Kg	Sampled:	01/14/13
Basis:	as received	Received:	01/15/13
Diln Fac:	1.000	Analyzed:	01/16/13

Field ID: SB-5@10' Lab ID: 242423-007  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	62-134

Field ID: SB-6@2.5' Lab ID: 242423-009  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	62-134

Field ID: SB-6@4.5' Lab ID: 242423-010  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.96
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	62-134

Field ID: SB-6@9' Lab ID: 242423-011  
 Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	62-134

Type: BLANK Lab ID: QC673243

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	62-134

ND= Not Detected  
 RL= Reporting Limit  
 Page 2 of 2

**Batch QC Report**

<b>Total Volatile Hydrocarbons</b>			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC673242	Batch#:	194665
Matrix:	Soil	Analyzed:	01/16/13
Units:	mg/Kg		

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
Gasoline C7-C12	1.000	1.026	103	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Bromofluorobenzene (FID)	111	62-134

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	242408-001	Batch#:	194665
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Type: MS Lab ID: QC673270

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.09699	10.00	8.551	85	33-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	62-134

Type: MSD Lab ID: QC673271

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.901	7.402	74	33-120	13	53

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	62-134

RPD= Relative Percent Difference

Total Extractable Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51st
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/14/13
Units:	mg/Kg	Received:	01/15/13
Basis:	as received	Prepared:	01/17/13
Batch#:	194699		

Field ID: SB-3@2.5' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/21/13  
 Lab ID: 242423-001

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	102	54-129

Field ID: SB-3@4' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/18/13  
 Lab ID: 242423-002

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	115	54-129

Field ID: SB-3@9' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/18/13  
 Lab ID: 242423-003

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	100	54-129

Field ID: SB-5@2.5' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/21/13  
 Lab ID: 242423-005

Analyte	Result	RL
Diesel C10-C24	1.1 Y	0.99
Motor Oil C24-C36	6.6	5.0

Surrogate	%REC	Limits
o-Terphenyl	92	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/14/13
Units:	mg/Kg	Received:	01/15/13
Basis:	as received	Prepared:	01/17/13
Batch#:	194699		

Field ID: SB-5@5' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/18/13  
 Lab ID: 242423-006

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	118	54-129

Field ID: SB-5@10' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/18/13  
 Lab ID: 242423-007

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	104	54-129

Field ID: SB-6@2.5' Diln Fac: 5.000  
 Type: SAMPLE Analyzed: 01/21/13  
 Lab ID: 242423-009

Analyte	Result	RL
Diesel C10-C24	15 Y	5.0
Motor Oil C24-C36	140	25

Surrogate	%REC	Limits
o-Terphenyl	87	54-129

Field ID: SB-6@4.5' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/18/13  
 Lab ID: 242423-010

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	116	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/14/13
Units:	mg/Kg	Received:	01/15/13
Basis:	as received	Prepared:	01/17/13
Batch#:	194699		

Field ID: SB-6@9' Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 01/18/13  
 Lab ID: 242423-011

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	112	54-129

Type: BLANK Diln Fac: 1.000  
 Lab ID: QC673378 Analyzed: 01/18/13

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	100	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC673379	Batch#:	194699
Matrix:	Soil	Prepared:	01/17/13
Units:	mg/Kg	Analyzed:	01/18/13

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.20	48.53	97	51-131

Surrogate	%REC	Limits
o-Terphenyl	103	54-129



## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Field ID:	SB-3@9'	Batch#:	194699
MSS Lab ID:	242423-003	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Prepared:	01/17/13
Basis:	as received	Analyzed:	01/18/13
Diln Fac:	1.000		

Type: MS Lab ID: QC673380

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.8927	49.79	38.57	76	34-144

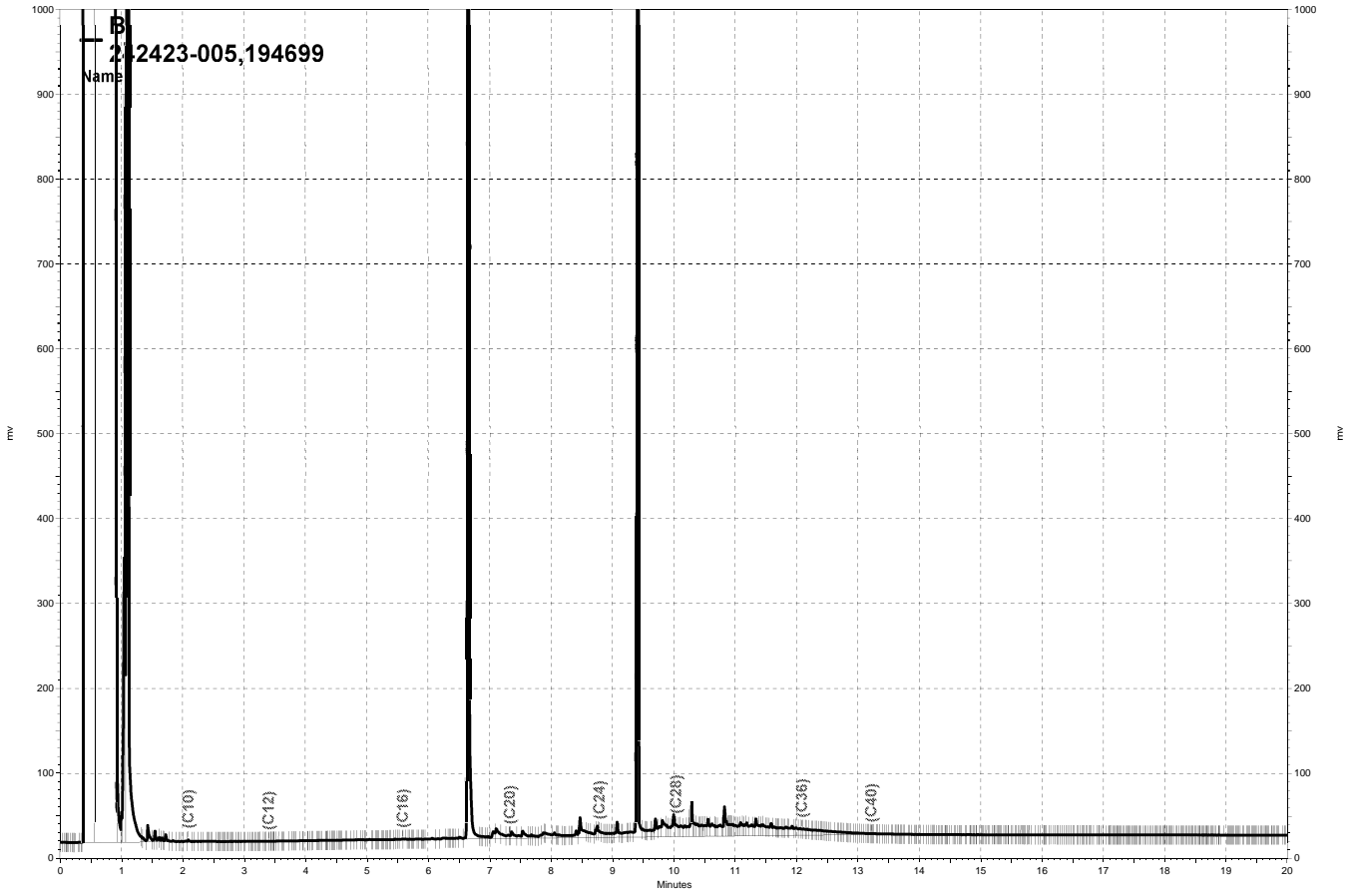
Surrogate	%REC	Limits
o-Terphenyl	85	54-129

Type: MSD Lab ID: QC673381

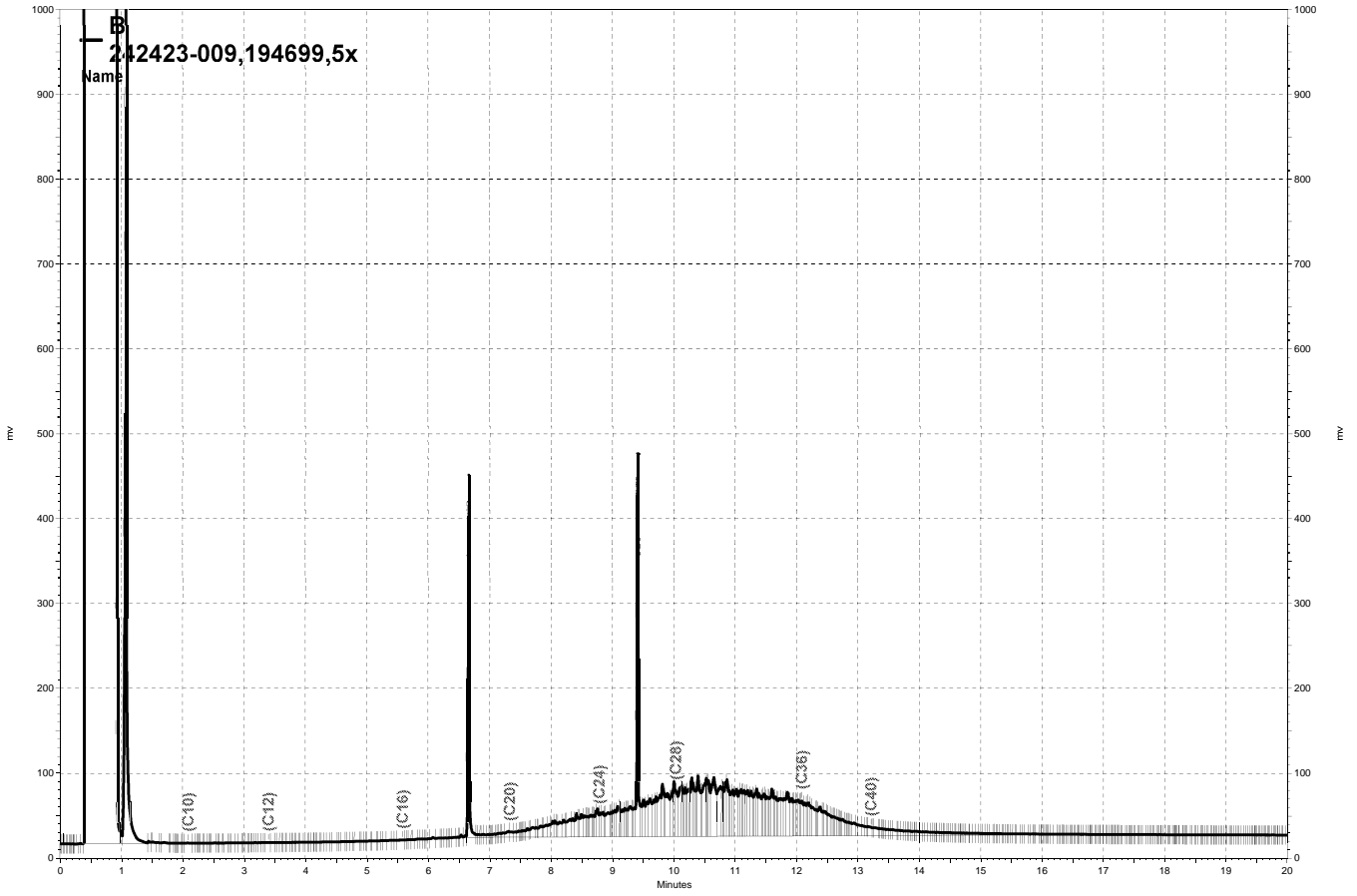
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.04	41.24	81	34-144	6	52

Surrogate	%REC	Limits
o-Terphenyl	90	54-129

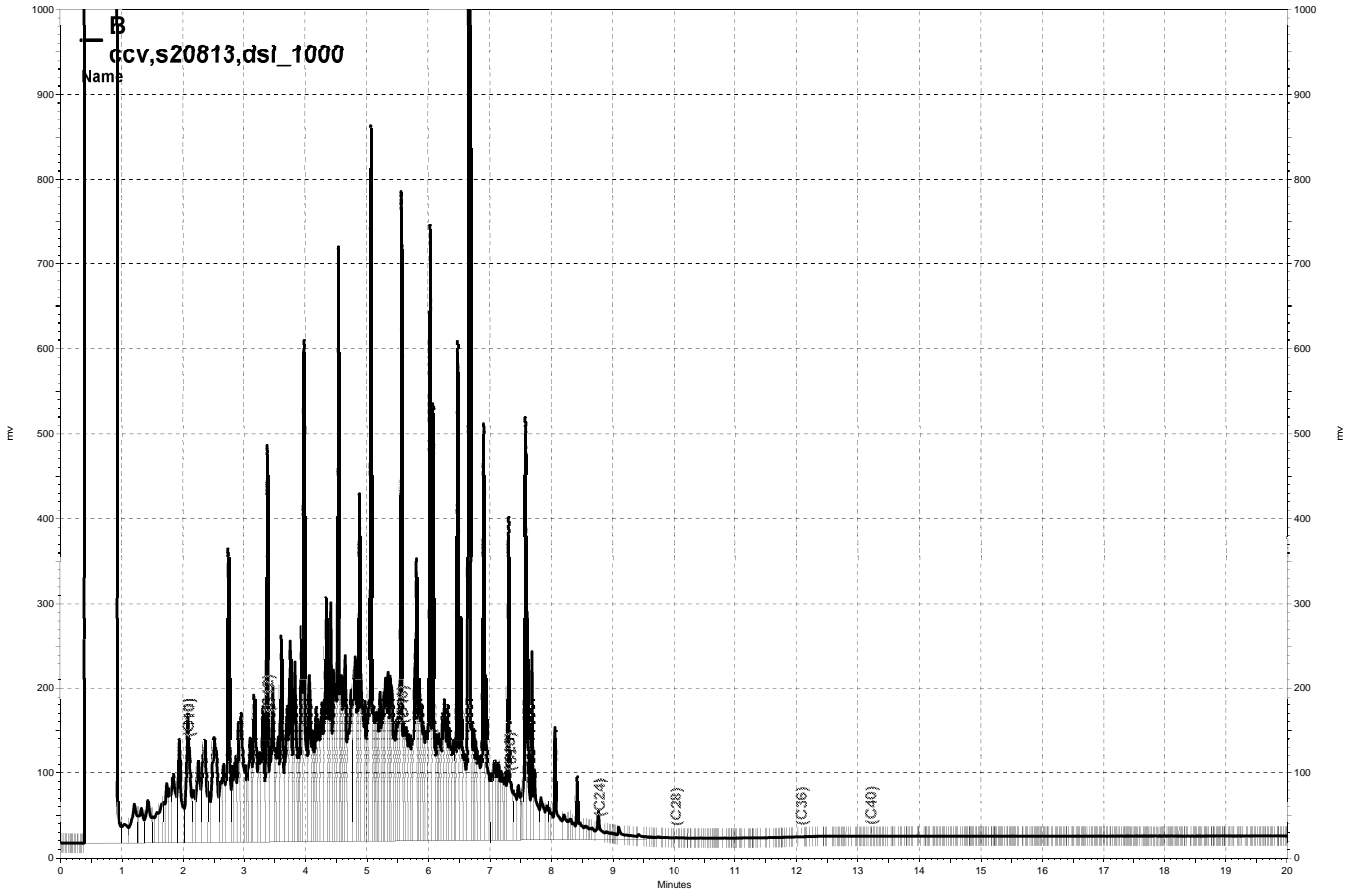
RPD= Relative Percent Difference



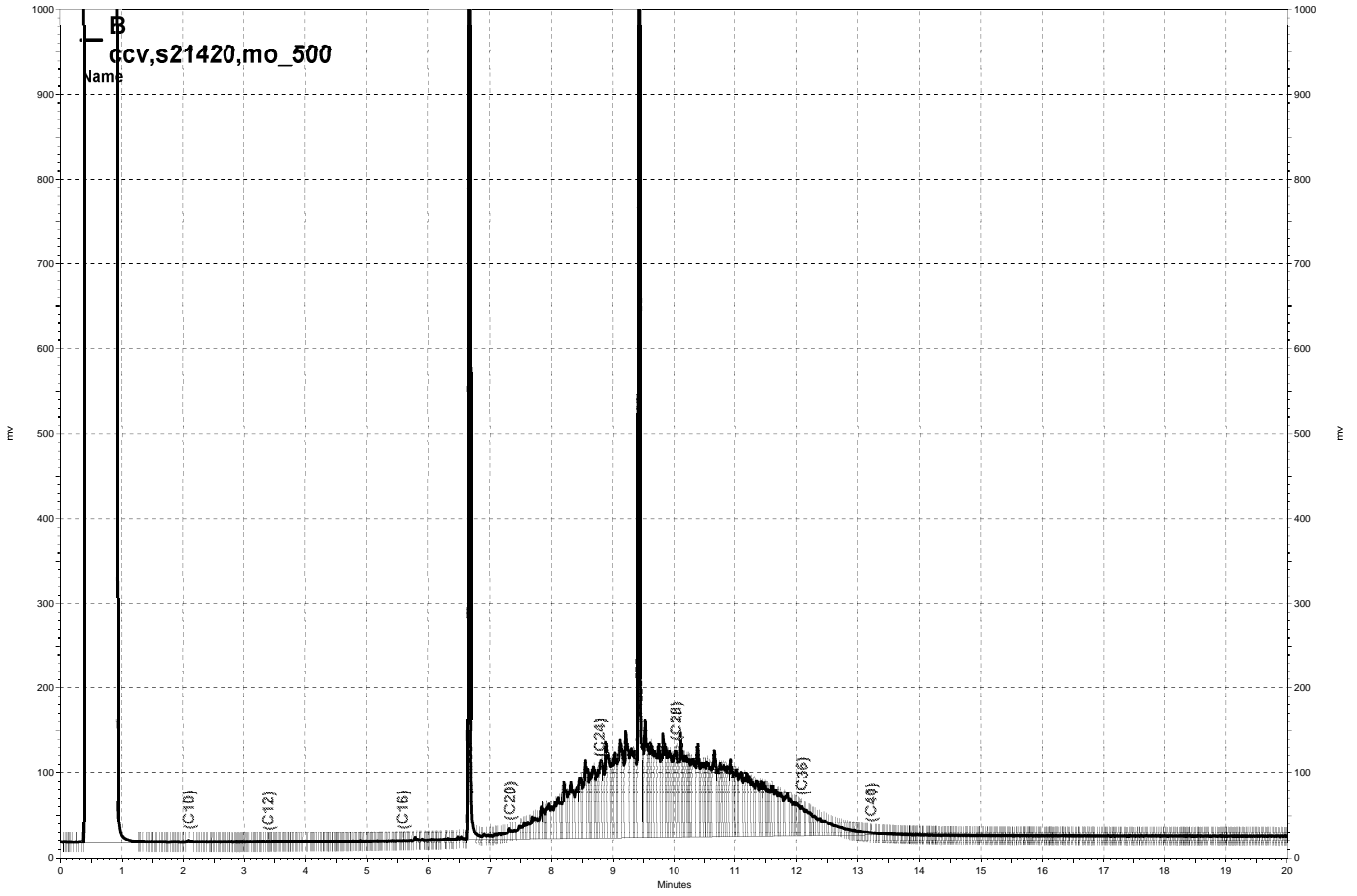
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\\Lims\gdrive\ezchrom\Projects\GC15B\Data\020b030, B



\\Lims\gdrive\ezchrom\Projects\GC15B\Data\018b003, B



\\Lims\gdrive\ezchrom\Projects\GC15B\Data\018b004, B

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-3@2.5'	Diln Fac:	0.9823
Lab ID:	242423-001	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-3@2.5'	Diln Fac:	0.9823
Lab ID:	242423-001	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-131
1,2-Dichloroethane-d4	105	75-141
Toluene-d8	101	80-120
Bromofluorobenzene	110	79-128

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-3@4'	Diln Fac:	0.9328
Lab ID:	242423-002	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-3@4'	Diln Fac:	0.9328
Lab ID:	242423-002	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	111	78-131
1,2-Dichloroethane-d4	105	75-141
Toluene-d8	101	80-120
Bromofluorobenzene	111	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-3@9'	Diln Fac:	0.9634
Lab ID:	242423-003	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-3@9'	Diln Fac:	0.9634
Lab ID:	242423-003	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	109	78-131
1,2-Dichloroethane-d4	104	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	115	79-128

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-5@2.5'	Diln Fac:	0.9690
Lab ID:	242423-005	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.7
Chloromethane	ND	9.7
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Chloroethane	ND	9.7
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-5@2.5'	Diln Fac:	0.9690
Lab ID:	242423-005	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-131
1,2-Dichloroethane-d4	100	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	116	79-128

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-5@5'	Diln Fac:	0.9294
Lab ID:	242423-006	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-5@5'	Diln Fac:	0.9294
Lab ID:	242423-006	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-131
1,2-Dichloroethane-d4	102	75-141
Toluene-d8	103	80-120
Bromofluorobenzene	115	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-5@10'	Diln Fac:	0.9416
Lab ID:	242423-007	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-5@10'	Diln Fac:	0.9416
Lab ID:	242423-007	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-131
1,2-Dichloroethane-d4	104	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	114	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-6@2.5'	Diln Fac:	0.9823
Lab ID:	242423-009	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-6@2.5'	Diln Fac:	0.9823
Lab ID:	242423-009	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	111	78-131
1,2-Dichloroethane-d4	106	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	115	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-6@4.5'	Diln Fac:	0.9416
Lab ID:	242423-010	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-6@4.5'	Diln Fac:	0.9416
Lab ID:	242423-010	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-131
1,2-Dichloroethane-d4	103	75-141
Toluene-d8	103	80-120
Bromofluorobenzene	116	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-6@9'	Diln Fac:	0.9766
Lab ID:	242423-011	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-6@9'	Diln Fac:	0.9766
Lab ID:	242423-011	Batch#:	194659
Matrix:	Soil	Sampled:	01/14/13
Units:	ug/Kg	Received:	01/15/13
Basis:	as received	Analyzed:	01/16/13

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-131
1,2-Dichloroethane-d4	103	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	115	79-128

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	194659
Units:	ug/Kg	Analyzed:	01/16/13
Diln Fac:	1.000		

Type: BS Lab ID: QC673216

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	12.50	12.26	98	70-129
Benzene	12.50	11.86	95	77-125
Trichloroethene	12.50	11.69	94	77-122
Toluene	12.50	11.64	93	78-120
Chlorobenzene	12.50	11.81	94	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	78-131
1,2-Dichloroethane-d4	101	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	103	79-128

Type: BSD Lab ID: QC673217

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	12.50	11.39	91	70-129	7	20
Benzene	12.50	11.47	92	77-125	3	20
Trichloroethene	12.50	11.26	90	77-122	4	20
Toluene	12.50	11.48	92	78-120	1	20
Chlorobenzene	12.50	11.54	92	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-131
1,2-Dichloroethane-d4	97	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	105	79-128

RPD= Relative Percent Difference



**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673218	Batch#:	194659
Matrix:	Soil	Analyzed:	01/16/13
Units:	ug/Kg		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673218	Batch#:	194659
Matrix:	Soil	Analyzed:	01/16/13
Units:	ug/Kg		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	106	78-131
1,2-Dichloroethane-d4	98	75-141
Toluene-d8	104	80-120
Bromofluorobenzene	114	79-128

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

Purgeable Organics by GC/MS			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-3@2.5'	Batch#:	194659
MSS Lab ID:	242423-001	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	ug/Kg	Analyzed:	01/16/13
Basis:	as received		

Type: MS Diln Fac: 0.9785  
 Lab ID: QC673247

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5881	48.92	42.81	88	55-126
Benzene	<0.6852	48.92	43.75	89	57-120
Trichloroethene	<0.7136	48.92	44.39	91	49-138
Toluene	<0.7505	48.92	42.63	87	53-120
Chlorobenzene	<0.6152	48.92	42.68	87	48-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-131
1,2-Dichloroethane-d4	106	75-141
Toluene-d8	99	80-120
Bromofluorobenzene	97	79-128

Type: MSD Diln Fac: 0.9728  
 Lab ID: QC673248

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.64	40.27	83	55-126	6	40
Benzene	48.64	41.41	85	57-120	5	37
Trichloroethene	48.64	42.10	87	49-138	5	40
Toluene	48.64	40.33	83	53-120	5	38
Chlorobenzene	48.64	40.84	84	48-120	4	39

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-131
1,2-Dichloroethane-d4	106	75-141
Toluene-d8	100	80-120
Bromofluorobenzene	96	79-128

RPD= Relative Percent Difference

California Title 22 Metals			
Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-3@2.5'	Basis:	as received
Lab ID:	242423-001	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.46	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	2.2	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	220	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.78	0.093	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	8.7	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	2.0	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	21	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	7.1	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	1.4	0.079	5.000	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	10	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.46	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.46	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	11	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	31	0.93	1.000	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-3@4'	Basis:	as received
Lab ID:	242423-002	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	1.8	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	200	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	1.1	0.094	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	40	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	5.1	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	25	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	8.3	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	0.87	0.081	5.000	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	0.80	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	19	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	13	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	43	0.94	1.000	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-3@9'	Basis:	as received
Lab ID:	242423-003	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	1.6	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	190	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.84	0.093	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	78	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	5.4	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	17	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	8.9	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	2.6	0.085	5.000	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	1.7	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	19	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	11	0.23	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	35	0.93	1.000	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-5@2.5'	Basis:	as received
Lab ID:	242423-005	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	2.0	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	160	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.62	0.094	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	7.8	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	4.7	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	32	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	29	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	0.90	0.082	5.000	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	12	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.47	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	12	0.24	1.000	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	68	0.94	1.000	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-5@5'	Diln Fac:	1.000
Lab ID:	242423-006	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.45	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	1.8	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	200	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.64	0.089	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	13	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	5.2	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	17	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	5.6	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	0.17	0.017	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	0.33	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	14	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.45	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.45	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	17	0.22	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	37	0.89	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit



**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-5@10'	Diln Fac:	1.000
Lab ID:	242423-007	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.46	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	3.2	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	190	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.78	0.093	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	41	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	17	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	26	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	6.6	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	0.11	0.017	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	64	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.46	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.46	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	36	0.23	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	37	0.93	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-6@2.5'	Diln Fac:	1.000
Lab ID:	242423-009	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.49	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	2.3	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	190	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.83	0.098	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	16	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	4.7	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	32	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	11	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	0.52	0.017	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	ND	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	14	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.49	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.49	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	17	0.25	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	55	0.98	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-6@4.5'	Diln Fac:	1.000
Lab ID:	242423-010	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.48	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	2.4	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	200	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.51	0.095	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	20	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	6.0	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	21	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	14	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	0.11	0.016	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	0.40	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	16	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.48	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.48	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	18	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	47	0.95	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242423	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-6@9'	Diln Fac:	1.000
Lab ID:	242423-011	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Analyzed:	01/17/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.48	194686	01/16/13	EPA 3050B	EPA 6010B
Arsenic	3.2	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Barium	160	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Beryllium	0.63	0.096	194686	01/16/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Chromium	31	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Cobalt	5.9	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Copper	41	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Lead	4.5	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Mercury	0.19	0.017	194703	01/17/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Nickel	44	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Selenium	ND	0.48	194686	01/16/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Thallium	ND	0.48	194686	01/16/13	EPA 3050B	EPA 6010B
Vanadium	31	0.24	194686	01/16/13	EPA 3050B	EPA 6010B
Zinc	38	0.96	194686	01/16/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

California Title 22 Metals			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673327	Batch#:	194686
Matrix:	Soil	Prepared:	01/16/13
Units:	mg/Kg	Analyzed:	01/17/13

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.25
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

California Title 22 Metals			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	194686
Units:	mg/Kg	Prepared:	01/16/13
Diln Fac:	1.000	Analyzed:	01/17/13

Type: BS Lab ID: QC673328

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	102.6	103	80-120
Arsenic	50.00	51.84	104	80-121
Barium	100.0	103.9	104	80-120
Beryllium	2.500	2.641	106	80-120
Cadmium	10.00	10.87	109	80-120
Chromium	100.0	102.8	103	80-120
Cobalt	25.00	25.73	103	80-120
Copper	12.50	12.81	102	80-120
Lead	100.0	101.4	101	80-120
Molybdenum	20.00	20.97	105	80-120
Nickel	25.00	25.75	103	80-120
Selenium	50.00	51.18	102	80-120
Silver	10.00	9.947	99	80-120
Thallium	50.00	51.58	103	80-120
Vanadium	25.00	25.72	103	80-120
Zinc	25.00	26.02	104	80-120

Type: BSD Lab ID: QC673329

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	103.2	103	80-120	1	20
Arsenic	50.00	51.83	104	80-121	0	20
Barium	100.0	105.5	105	80-120	2	20
Beryllium	2.500	2.693	108	80-120	2	20
Cadmium	10.00	10.81	108	80-120	1	20
Chromium	100.0	104.4	104	80-120	1	20
Cobalt	25.00	25.79	103	80-120	0	20
Copper	12.50	13.01	104	80-120	2	20
Lead	100.0	101.3	101	80-120	0	23
Molybdenum	20.00	21.08	105	80-120	1	20
Nickel	25.00	25.77	103	80-120	0	20
Selenium	50.00	50.77	102	80-120	1	20
Silver	10.00	10.12	101	80-120	2	20
Thallium	50.00	51.09	102	80-120	1	20
Vanadium	25.00	26.11	104	80-120	1	20
Zinc	25.00	26.40	106	80-120	1	20

RPD= Relative Percent Difference

**Batch QC Report**

California Title 22 Metals			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Field ID:	SB-3@2.5'	Batch#:	194686
MSS Lab ID:	242423-001	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Prepared:	01/16/13
Basis:	as received	Analyzed:	01/17/13
Diln Fac:	1.000		

Type: MS Lab ID: QC673330

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<0.1384	97.09	42.02	43	12-120
Arsenic	2.185	48.54	46.90	92	73-121
Barium	216.1	97.09	208.3	-8 *	51-135
Beryllium	0.7779	2.427	3.161	98	79-120
Cadmium	0.02578	9.709	9.319	96	74-120
Chromium	8.676	97.09	97.50	91	62-124
Cobalt	1.979	24.27	24.26	92	62-120
Copper	20.63	12.14	57.65	305 *	48-150
Lead	7.132	97.09	95.04	91	58-124
Molybdenum	0.2286	19.42	17.53	89	69-120
Nickel	10.35	24.27	33.84	97	49-135
Selenium	<0.1479	48.54	43.90	90	68-120
Silver	<0.03692	9.709	8.519	88	76-120
Thallium	<0.1300	48.54	42.89	88	68-120
Vanadium	10.83	24.27	34.11	96	54-137
Zinc	31.35	24.27	71.04	164 *	43-147

Type: MSD Lab ID: QC673331

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	46.31	46	12-120	7	36
Arsenic	50.00	49.47	95	73-121	3	40
Barium	100.0	224.0	8 *	51-135	6	40
Beryllium	2.500	3.268	100	79-120	1	21
Cadmium	10.00	10.13	101	74-120	5	20
Chromium	100.0	105.2	96	62-124	5	34
Cobalt	25.00	27.05	100	62-120	8	35
Copper	12.50	45.32	198 *	48-150	25	39
Lead	100.0	104.0	97	58-124	6	44
Molybdenum	20.00	19.02	94	69-120	5	25
Nickel	25.00	35.60	101	49-135	3	37
Selenium	50.00	46.60	93	68-120	3	29
Silver	10.00	9.237	92	76-120	5	29
Thallium	50.00	45.83	92	68-120	4	21
Vanadium	25.00	36.53	103	54-137	5	31
Zinc	25.00	66.63	141	43-147	8	41

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	194703
Lab ID:	QC673390	Prepared:	01/17/13
Matrix:	Soil	Analyzed:	01/17/13
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected  
 RL= Reporting Limit



**Batch QC Report**

<b>California Title 22 Metals</b>			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	194703
Matrix:	Soil	Prepared:	01/17/13
Units:	mg/Kg	Analyzed:	01/17/13
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC673391	0.2083	0.2258	108	80-120		
BSD	QC673392	0.2083	0.2242	108	80-120	1	20

RPD= Relative Percent Difference

**Batch QC Report**

<b>California Title 22 Metals</b>			
Lab #:	242423	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	5.000
Field ID:	SB-3@2.5'	Batch#:	194703
MSS Lab ID:	242423-001	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Prepared:	01/17/13
Basis:	as received	Analyzed:	01/17/13

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC673393	1.409	0.2193	1.474	30 NM	76-138		
MSD	QC673394		0.2232	1.393	-7 NM	76-138	6	42

NM= Not Meaningful: Sample concentration > 4X spike concentration  
 RPD= Relative Percent Difference



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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 242452
ANALYTICAL REPORT

ERS Corp.
1600 Riviera Ave.
Walnut Creek, CA 94596

Project : BROADWAY/51ST
Location : Broadway / 51St
Level : II

Table with 2 columns: Sample ID and Lab ID. Lists various sample identifiers like SB-7@2', SB-7@4.5', etc., and their corresponding Lab IDs from 242452-001 to 242452-020.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Tracy Babjar
Project Manager
(510) 204-2226

Date: 01/23/2013

## CASE NARRATIVE

Laboratory number: 242452  
Client: ERS Corp.  
Project: BROADWAY/51ST  
Location: Broadway / 51st  
Request Date: 01/16/13  
Samples Received: 01/16/13

This data package contains sample and QC results for twelve soil samples and four water samples, requested for the above referenced project on 01/16/13. The samples were received cold and intact.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:

High surrogate recovery was observed for bromofluorobenzene (FID) in the MS of SB-10 (lab # 242452-019). No other analytical problems were encountered.

### TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:

No analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Water:

No analytical problems were encountered.

### TPH-Extractables by GC (EPA 8015B) Soil:

SB-10@2.5' (lab # 242452-016) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B) Water:

No analytical problems were encountered.

### Volatile Organics by GC/MS (EPA 8260B) Soil:

No analytical problems were encountered.

### Metals (EPA 6010B and EPA 7471A) Soil:

Low recoveries were observed for copper and zinc in the MS/MSD of SB-7@2' (lab # 242452-001); the BS/BSD were within limits, and the associated RPDs were within limits. High recoveries were observed for barium, cobalt, and nickel in the MSD of SB-7@2' (lab # 242452-001); the BS/BSD were within limits. High RPD was observed for cobalt in the MS/MSD of SB-7@2' (lab # 242452-001); the RPD was acceptable in the BS/BSD. No other analytical problems were encountered.

### Metals (EPA 6010B and EPA 7470A) Filtrate:

No analytical problems were encountered.

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(510)486-0532 Fax

# CHAIN OF CUSTODY

Chain of Custody #: \_\_\_\_\_

Analytical Request

Lab No.	Sample ID.	Date	Time	Matrix	Chemical Preservative	None
1	SB-7@2'	1/15/2013	6:20	X	X	X
2	SB-7@4.5'	1/15/2013	8:25	X	X	X
3	SB-7@10'	1/15/2013	8:35	X	X	X
4	SB-7@15'	1/15/2013	8:40	X	X	X
5	SB-7@20'	1/15/2013	8:45	X	X	X
6	SB-7	1/15/2013	9:05	X	X	X
7	SB-8@2.5'	1/15/2013	9:30	X	X	X
8	SB-8@5'	1/15/2013	9:35	X	X	X
9	SB-8@10'	1/15/2013	9:45	X	X	X
10	SB-8	1/15/2013	9:55	X	X	X
11	SB-9@2.5'	1/15/2013	10:20	X	X	X
12	SB-9@5'	1/15/2013	10:25	X	X	X
13	SB-9@10'	1/15/2013	10:35	X	X	X

C&T LOGIN # 292452

Sampler: J. Amendola  
Report To: J. Amendola / K. Price  
Company: ELSCORP  
Telephone: (408)496-0801  
Email: j.amendola@elscorp.us

Project No: Broadway/51st  
Project Name: Broadway/51st  
EDD Format: \_\_\_\_\_ Rpt Level: III IV  
Turnaround Time:  RUSH  Standard

Lab No.	Sample ID.	Sampling		Matrix		Chemical Preservative					
		Date	Time	Water	Soil	# of Containers	HCl	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	NaOH	None
1	SB-7@2'	1/15/2013	6:20	X		1					X
2	SB-7@4.5'	1/15/2013	8:25	X		1					X
3	SB-7@10'	1/15/2013	8:35	X		1					X
4	SB-7@15'	1/15/2013	8:40	X		1					X
5	SB-7@20'	1/15/2013	8:45	X		1					X
6	SB-7	1/15/2013	9:05	X		8	X				X
7	SB-8@2.5'	1/15/2013	9:30	X		1					X
8	SB-8@5'	1/15/2013	9:35	X		1					X
9	SB-8@10'	1/15/2013	9:45	X		1					X
10	SB-8	1/15/2013	9:55	X		8	X				X
11	SB-9@2.5'	1/15/2013	10:20	X		1					X
12	SB-9@5'	1/15/2013	10:25	X		1					X
13	SB-9@10'	1/15/2013	10:35	X		1					X

Notes: Please filter water samples prior to metal analysis. The samples being submitted have not been filtered or preserved.

RECEIVED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
<u>[Signature]</u>	1/16/13 1405	<u>[Signature]</u>	1/16/13 1700

RELINQUISHED BY:	DATE/TIME	RELINQUISHED BY:	DATE/TIME
<u>[Signature]</u>	1/16/13 1405	<u>[Signature]</u>	1/16/13 1700

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# CHAIN OF CUSTODY

Chain of Custody #: \_\_\_\_\_  
 Page 2 of 2

## Analytical Request

Lab No.	Sample ID.	Date	Time	Water	Soil	# of Containers	HCl	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	NaOH	None
14	SB-9@15'	11/15/2013	10:45	X		1					X
15	SB-9	11/15/2013	11:15	X		9	X				X
16	SB-10@2.5'	11/15/2013	11:30	X		1					X
17	SB-10@5'	11/15/2013	11:40	X		1					X
18	SB-10@10'	11/15/2013	11:50	X		1					X
19	SB-10	11/15/2013	11:55	X		9	X				X

Sampler: J. Amendola  
 Report To: J. Amendola / K. Price  
 Company: ERS Corp  
 Telephone: (408)496-0801  
 Email: jamendola@erscorp.us

Project No: Broadway 151st  
 Project Name: Broadway 151st  
 EDD Format: \_\_\_\_\_ Rpt Level: II III IV  
 Turnaround Time:  RUSH  Standard

Lab No.	Sample ID.	Sampling		Matrix		Chemical Preservative					
		Date	Time	Water	Soil	# of Containers	HCl	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	NaOH	None
14	SB-9@15'	11/15/2013	10:45	X		1					X
15	SB-9	11/15/2013	11:15	X		9	X				X
16	SB-10@2.5'	11/15/2013	11:30	X		1					X
17	SB-10@5'	11/15/2013	11:40	X		1					X
18	SB-10@10'	11/15/2013	11:50	X		1					X
19	SB-10	11/15/2013	11:55	X		9	X				X

Notes:	RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
Please filter water samples prior to metal analysis. The samples being submitted have <u>not</u> been filtered or preserved.	<u>Judith Thumler</u>	11/13/13	<u>[Signature]</u>	11/13/13
	<u>[Signature]</u>	11/13/13	<u>[Signature]</u>	11/13/13

**COOLER RECEIPT CHECKLIST**



Login # 242452 Date Received 1/16/13 Number of coolers 1  
 Client ERS Corp Project Broadway / 51st  
 Date Opened 1/16/13 By (print) JH (sign) [Signature]  
 Date Logged in ✓ By (print) JH (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) \_\_\_\_\_ YES  NO   
 Shipping info \_\_\_\_\_

2A. Were custody seals present? ....  YES (circle) on cooler on samples  NO  
 How many \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_

2B. Were custody seals intact upon arrival? \_\_\_\_\_ YES NO  N/A

3. Were custody papers dry and intact when received? \_\_\_\_\_ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? \_\_\_\_\_ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) \_\_\_\_\_ YES NO

6. Indicate the packing in cooler: (if other, describe) \_\_\_\_\_

- Bubble Wrap  Foam blocks  Bags  None
- Cloth material  Cardboard  Styrofoam  Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C  
 Type of ice used:  Wet  Blue/Gel  None Temp(°C) 5

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? \_\_\_\_\_ YES  NO   
 If YES, what time were they transferred to freezer? \_\_\_\_\_

9. Did all bottles arrive unbroken/unopened? \_\_\_\_\_ YES NO

10. Are there any missing / extra samples? \_\_\_\_\_ YES  NO  N/A

11. Are samples in the appropriate containers for indicated tests? \_\_\_\_\_ YES NO

12. Are sample labels present, in good condition and complete? \_\_\_\_\_ YES NO

13. Do the sample labels agree with custody papers? \_\_\_\_\_ YES NO

14. Was sufficient amount of sample sent for tests requested? \_\_\_\_\_ YES NO

15. Are the samples appropriately preserved? \_\_\_\_\_ YES NO N/A

16. Did you check preservatives for all bottles for each sample? \_\_\_\_\_ YES NO N/A

17. Did you document your preservative check? \_\_\_\_\_ YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? \_\_\_\_\_ YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? \_\_\_\_\_ YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? \_\_\_\_\_ YES NO N/A

21. Was the client contacted concerning this sample delivery? \_\_\_\_\_ YES  NO   
 If YES, Who was called? \_\_\_\_\_ By \_\_\_\_\_ Date: \_\_\_\_\_

**COMMENTS**

10. received 1 cont VOA container labeled  
"temp blank" not written on coc, logged  
in as sample - 020



Total Volatile Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51st
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	01/15/13
Units:	ug/L	Received:	01/16/13
Diln Fac:	1.000	Analyzed:	01/17/13
Batch#:	194716		

Field ID: SB-7    Lab ID: 242452-006  
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	117	75-124

Field ID: SB-8    Lab ID: 242452-010  
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	113	75-124

Field ID: SB-9    Lab ID: 242452-015  
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	120	75-124

Field ID: SB-10    Lab ID: 242452-019  
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	112	75-124

Type: BLANK    Lab ID: QC673459

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	75-124

## Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC673456	Batch#:	194716
Matrix:	Water	Analyzed:	01/17/13
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	920.8	92	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	112	75-124

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Field ID:	SB-10	Batch#:	194716
MSS Lab ID:	242452-019	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Type: MS Lab ID: QC673457

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	15.05	2,000	2,009	100	71-120
Surrogate	%REC	Limits			
Bromofluorobenzene (FID)	127 *	75-124			

Type: MSD Lab ID: QC673458

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,014	100	71-120	0	22
Surrogate	%REC	Limits				
Bromofluorobenzene (FID)	124	75-124				

\*= Value outside of QC limits; see narrative  
 RPD= Relative Percent Difference

Total Volatile Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	194714
Units:	mg/Kg	Sampled:	01/15/13
Basis:	as received	Received:	01/16/13
Diln Fac:	1.000		

Field ID: SB-7@2'      Lab ID: 242452-001  
 Type: SAMPLE      Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	110	62-134

Field ID: SB-7@4.5'      Lab ID: 242452-002  
 Type: SAMPLE      Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	0.97

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	62-134

Field ID: SB-7@10'      Lab ID: 242452-003  
 Type: SAMPLE      Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	0.98

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	62-134

Field ID: SB-8@2.5'      Lab ID: 242452-007  
 Type: SAMPLE      Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	62-134

Field ID: SB-8@5'      Lab ID: 242452-008  
 Type: SAMPLE      Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	0.94

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	62-134

ND= Not Detected  
 RL= Reporting Limit  
 Page 1 of 3

### Total Volatile Hydrocarbons

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	194714
Units:	mg/Kg	Sampled:	01/15/13
Basis:	as received	Received:	01/16/13
Diln Fac:	1.000		

Field ID: SB-8@10'	Lab ID: 242452-009
Type: SAMPLE	Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	0.96

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	114	62-134

Field ID: SB-9@2.5'	Lab ID: 242452-011
Type: SAMPLE	Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	0.99

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	62-134

Field ID: SB-9@5'	Lab ID: 242452-012
Type: SAMPLE	Analyzed: 01/17/13

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	109	62-134

Field ID: SB-9@10'	Lab ID: 242452-013
Type: SAMPLE	Analyzed: 01/18/13

Analyte	Result	RL
Gasoline C7-C12	ND	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	62-134

Field ID: SB-10@2.5'	Lab ID: 242452-016
Type: SAMPLE	Analyzed: 01/18/13

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	62-134

ND= Not Detected  
 RL= Reporting Limit

**Total Volatile Hydrocarbons**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	194714
Units:	mg/Kg	Sampled:	01/15/13
Basis:	as received	Received:	01/16/13
Diln Fac:	1.000		

Field ID:	SB-10@5'	Lab ID:	242452-017
Type:	SAMPLE	Analyzed:	01/18/13

Analyte	Result	RL
Gasoline C7-C12	ND	0.98

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	62-134

Field ID:	SB-10@10'	Lab ID:	242452-018
Type:	SAMPLE	Analyzed:	01/18/13

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	62-134

Type:	BLANK	Analyzed:	01/17/13
Lab ID:	QC673444		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	62-134

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC673443	Batch#:	194714
Matrix:	Soil	Analyzed:	01/17/13
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.003	100	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	110	62-134

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Field ID:	SB-7@2'	Diln Fac:	1.000
MSS Lab ID:	242452-001	Batch#:	194714
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Type: MS Lab ID: QC673445

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.08038	10.20	8.642	84	33-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	118	62-134

Type: MSD Lab ID: QC673446

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.31	8.971	86	33-120	3	53

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	62-134

RPD= Relative Percent Difference



Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3520C
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	01/15/13
Units:	ug/L	Received:	01/16/13
Diln Fac:	1.000	Prepared:	01/18/13
Batch#:	194735	Analyzed:	01/20/13

Field ID: SB-7                                      Lab ID: 242452-006  
 Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	75 Y	49
Motor Oil C24-C36	330	290

Surrogate	%REC	Limits
o-Terphenyl	80	61-134

Field ID: SB-8                                      Lab ID: 242452-010  
 Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	ND	49
Motor Oil C24-C36	ND	290

Surrogate	%REC	Limits
o-Terphenyl	93	61-134

Field ID: SB-9                                      Lab ID: 242452-015  
 Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	ND	49
Motor Oil C24-C36	ND	290

Surrogate	%REC	Limits
o-Terphenyl	88	61-134

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

### Total Extractable Hydrocarbons

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3520C
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	01/15/13
Units:	ug/L	Received:	01/16/13
Diln Fac:	1.000	Prepared:	01/18/13
Batch#:	194735	Analyzed:	01/20/13

Field ID: SB-10                                  Lab ID:                                  242452-019  
 Type:                                  SAMPLE

Analyte	Result	RL
Diesel C10-C24	ND	49
Motor Oil C24-C36	ND	290

Surrogate	%REC	Limits
o-Terphenyl	91	61-134

Type:                                  BLANK                                  Lab ID:                                  QC673532

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
o-Terphenyl	92	61-134

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

<b>Total Extractable Hydrocarbons</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3520C
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	194735
Units:	ug/L	Prepared:	01/18/13
Diln Fac:	1.000	Analyzed:	01/20/13

Type: BS Cleanup Method: EPA 3630C  
 Lab ID: QC673533

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,066	83	60-120

Surrogate	%REC	Limits
o-Terphenyl	99	61-134

Type: BSD Cleanup Method: EPA 3630C  
 Lab ID: QC673534

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,076	83	60-120	0	35

Surrogate	%REC	Limits
o-Terphenyl	98	61-134

RPD= Relative Percent Difference

Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13
Basis:	as received		

Field ID:	SB-7@2'	Batch#:	194699
Type:	SAMPLE	Prepared:	01/17/13
Lab ID:	242452-001	Analyzed:	01/18/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1.5 Y	1.0
Motor Oil C24-C36	5.6	5.0

Surrogate	%REC	Limits
o-Terphenyl	104	54-129

Field ID:	SB-7@4.5'	Batch#:	194699
Type:	SAMPLE	Prepared:	01/17/13
Lab ID:	242452-002	Analyzed:	01/18/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1.8 Y	0.99
Motor Oil C24-C36	5.6	5.0

Surrogate	%REC	Limits
o-Terphenyl	99	54-129

Field ID:	SB-7@10'	Batch#:	194699
Type:	SAMPLE	Prepared:	01/17/13
Lab ID:	242452-003	Analyzed:	01/18/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.1

Surrogate	%REC	Limits
o-Terphenyl	93	54-129

Field ID:	SB-8@2.5'	Batch#:	194699
Type:	SAMPLE	Prepared:	01/17/13
Lab ID:	242452-007	Analyzed:	01/18/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	83	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13
Basis:	as received		

Field ID:	SB-8@5'	Batch#:	194699
Type:	SAMPLE	Prepared:	01/17/13
Lab ID:	242452-008	Analyzed:	01/18/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1.4 Y	1.0
Motor Oil C24-C36	9.5	5.0

Surrogate	%REC	Limits
o-Terphenyl	100	54-129

Field ID:	SB-8@10'	Batch#:	194745
Type:	SAMPLE	Prepared:	01/18/13
Lab ID:	242452-009	Analyzed:	01/20/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	99	54-129

Field ID:	SB-9@2.5'	Batch#:	194745
Type:	SAMPLE	Prepared:	01/18/13
Lab ID:	242452-011	Analyzed:	01/20/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1.4 Y	1.0
Motor Oil C24-C36	16	5.0

Surrogate	%REC	Limits
o-Terphenyl	95	54-129

Field ID:	SB-9@5'	Batch#:	194745
Type:	SAMPLE	Prepared:	01/18/13
Lab ID:	242452-012	Analyzed:	01/20/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1.2 Y	1.0
Motor Oil C24-C36	7.1	5.0

Surrogate	%REC	Limits
o-Terphenyl	86	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13
Basis:	as received		

Field ID:	SB-9@10'	Batch#:	194745
Type:	SAMPLE	Prepared:	01/18/13
Lab ID:	242452-013	Analyzed:	01/20/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	90	54-129

Field ID:	SB-10@2.5'	Batch#:	194745
Type:	SAMPLE	Prepared:	01/18/13
Lab ID:	242452-016	Analyzed:	01/20/13
Diln Fac:	5.000		

Analyte	Result	RL
Diesel C10-C24	21 Y	5.0
Motor Oil C24-C36	220	25

Surrogate	%REC	Limits
o-Terphenyl	87	54-129

Field ID:	SB-10@5'	Batch#:	194745
Type:	SAMPLE	Prepared:	01/18/13
Lab ID:	242452-017	Analyzed:	01/21/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	98	54-129

Field ID:	SB-10@10'	Batch#:	194745
Type:	SAMPLE	Prepared:	01/18/13
Lab ID:	242452-018	Analyzed:	01/21/13
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1.4 Y	1.0
Motor Oil C24-C36	16	5.0

Surrogate	%REC	Limits
o-Terphenyl	93	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13
Basis:	as received		

Type:	BLANK	Batch#:	194699
Lab ID:	QC673378	Prepared:	01/17/13
Diln Fac:	1.000	Analyzed:	01/18/13

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	100	54-129

Type:	BLANK	Batch#:	194745
Lab ID:	QC673575	Prepared:	01/18/13
Diln Fac:	1.000	Analyzed:	01/20/13

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	95	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC673379	Batch#:	194699
Matrix:	Soil	Prepared:	01/17/13
Units:	mg/Kg	Analyzed:	01/18/13

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.20	48.53	97	51-131

Surrogate	%REC	Limits
o-Terphenyl	103	54-129



**Batch QC Report**

<b>Total Extractable Hydrocarbons</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Field ID:	SB-3@9'	Batch#:	194699
MSS Lab ID:	242423-003	Sampled:	01/14/13
Matrix:	Soil	Received:	01/15/13
Units:	mg/Kg	Prepared:	01/17/13
Basis:	as received	Analyzed:	01/18/13
Diln Fac:	1.000		

Type: MS Lab ID: QC673380

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.8927	49.79	38.57	76	34-144

Surrogate	%REC	Limits
o-Terphenyl	85	54-129

Type: MSD Lab ID: QC673381

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.04	41.24	81	34-144	6	52

Surrogate	%REC	Limits
o-Terphenyl	90	54-129

RPD= Relative Percent Difference

## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC673576	Batch#:	194745
Matrix:	Soil	Prepared:	01/18/13
Units:	mg/Kg	Analyzed:	01/20/13

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.46	46.21	92	51-131

Surrogate	%REC	Limits
o-Terphenyl	95	54-129

## Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	BROADWAY/51ST	Analysis:	EPA 8015B
Field ID:	SB-9@10'	Batch#:	194745
MSS Lab ID:	242452-013	Sampled:	01/15/13
Matrix:	Soil	Received:	01/16/13
Units:	mg/Kg	Prepared:	01/18/13
Basis:	as received	Analyzed:	01/20/13
Diln Fac:	1.000		

Type: MS Lab ID: QC673577

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.3194	49.83	47.04	94	34-144

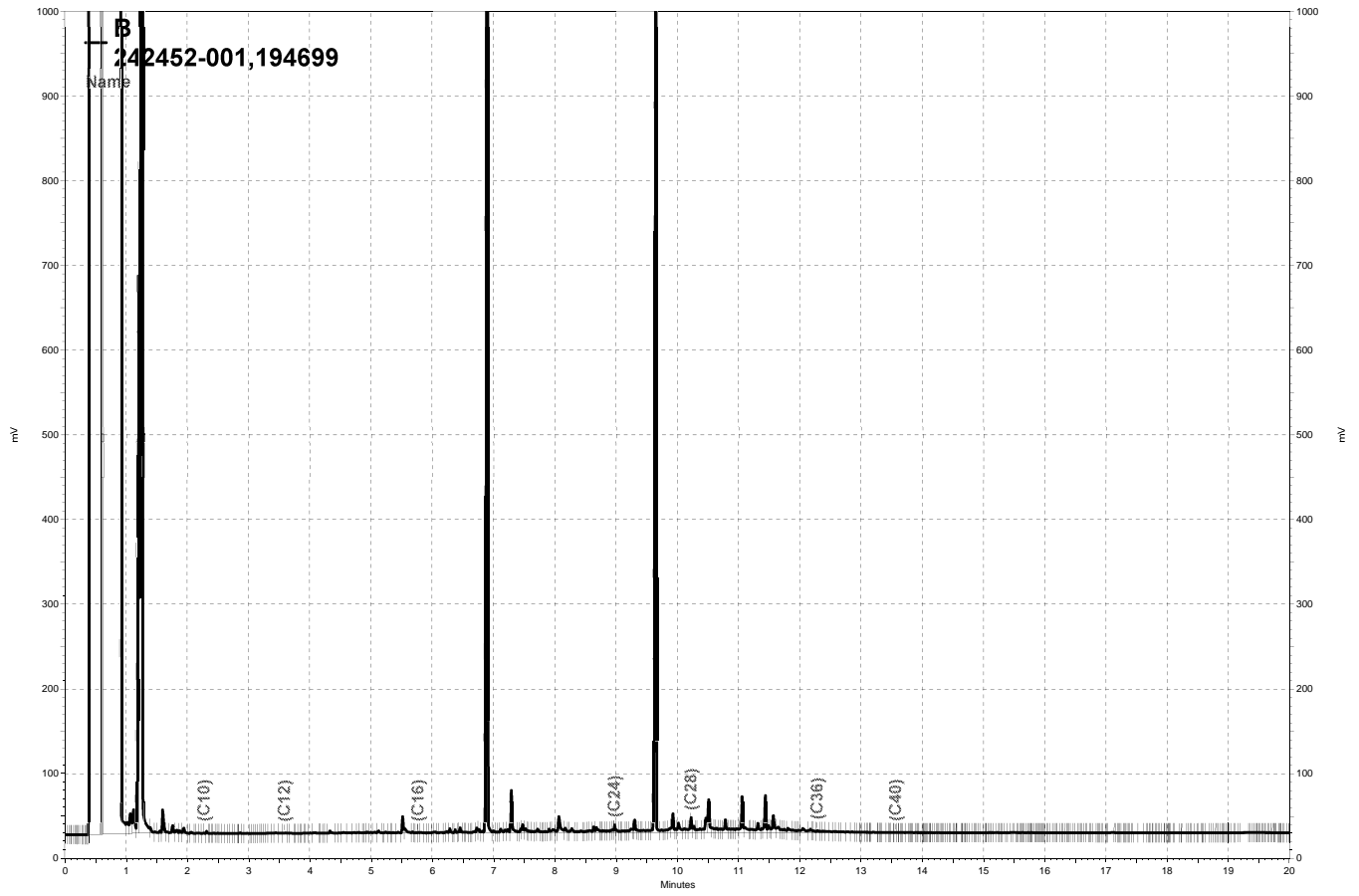
Surrogate	%REC	Limits
o-Terphenyl	99	54-129

Type: MSD Lab ID: QC673578

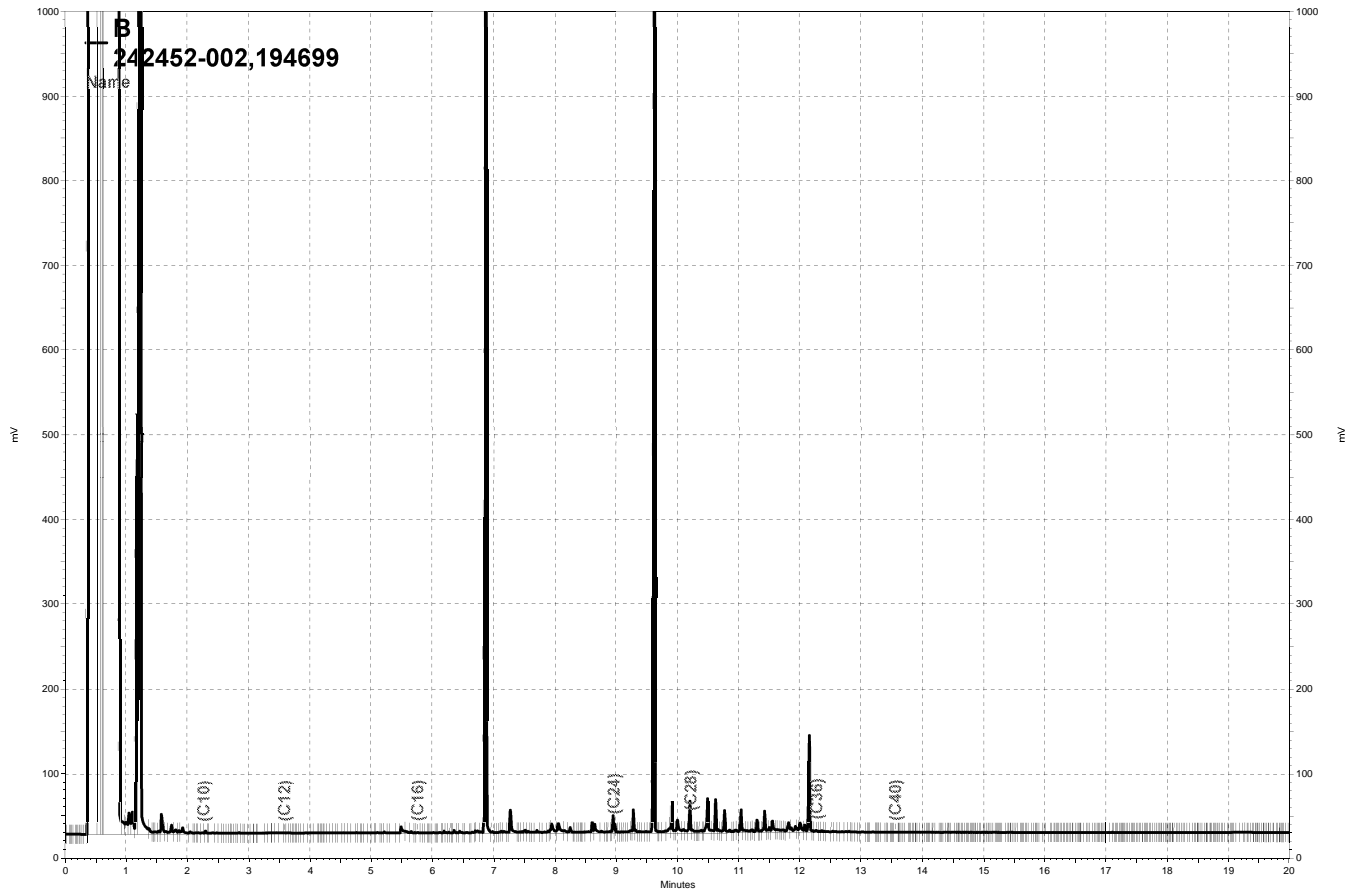
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.09	45.33	90	34-144	4	52

Surrogate	%REC	Limits
o-Terphenyl	100	54-129

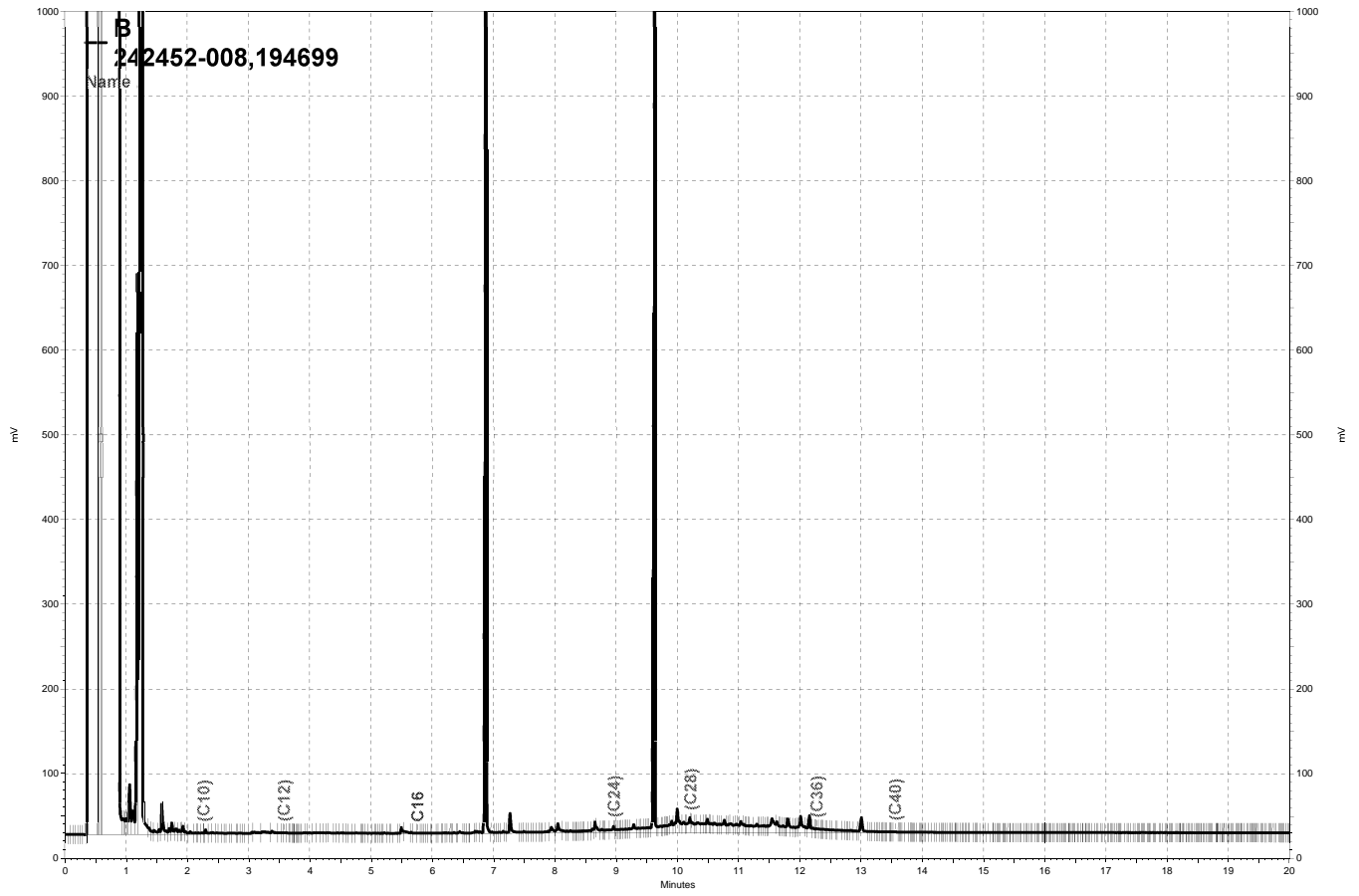
RPD= Relative Percent Difference



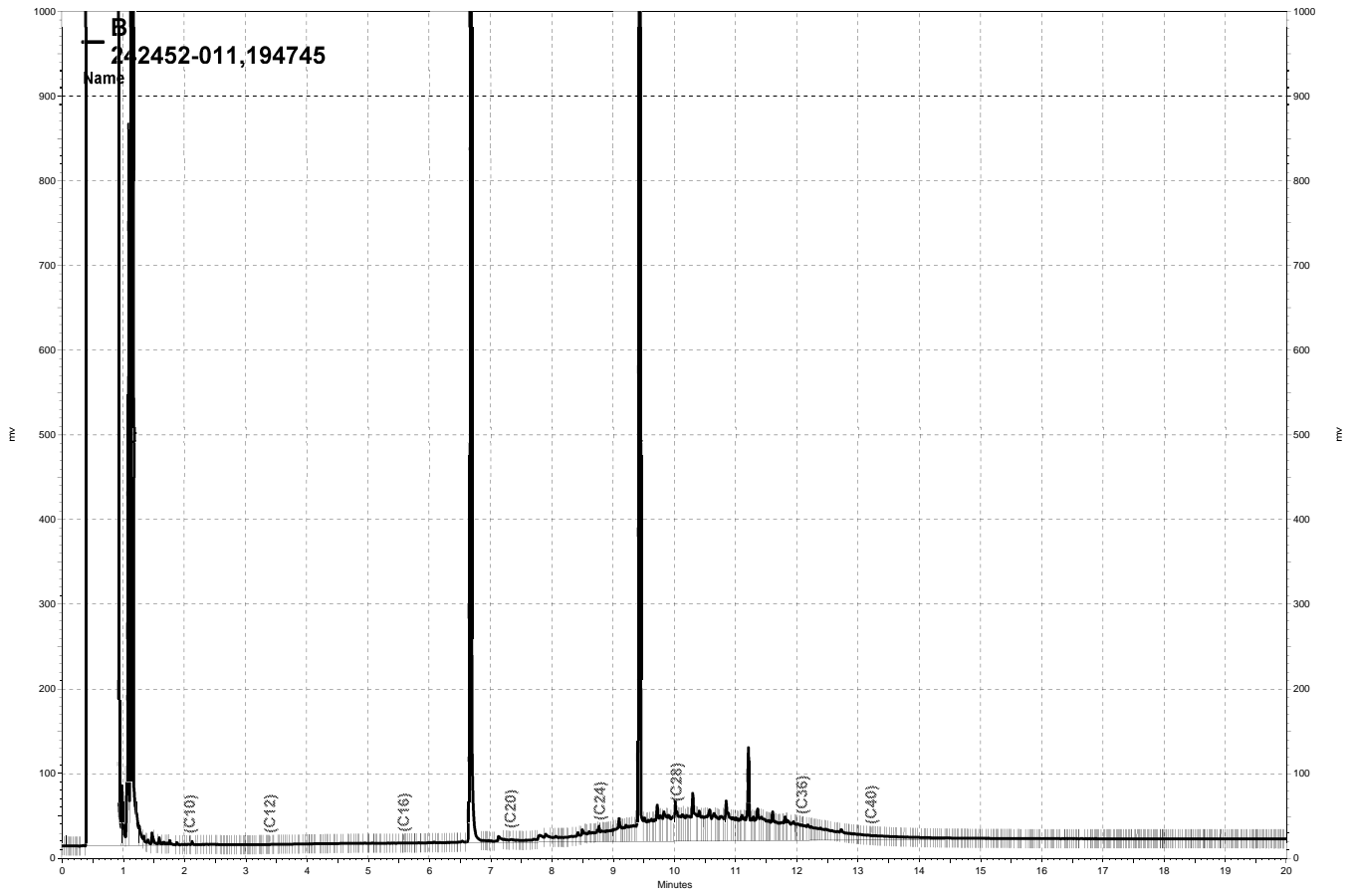
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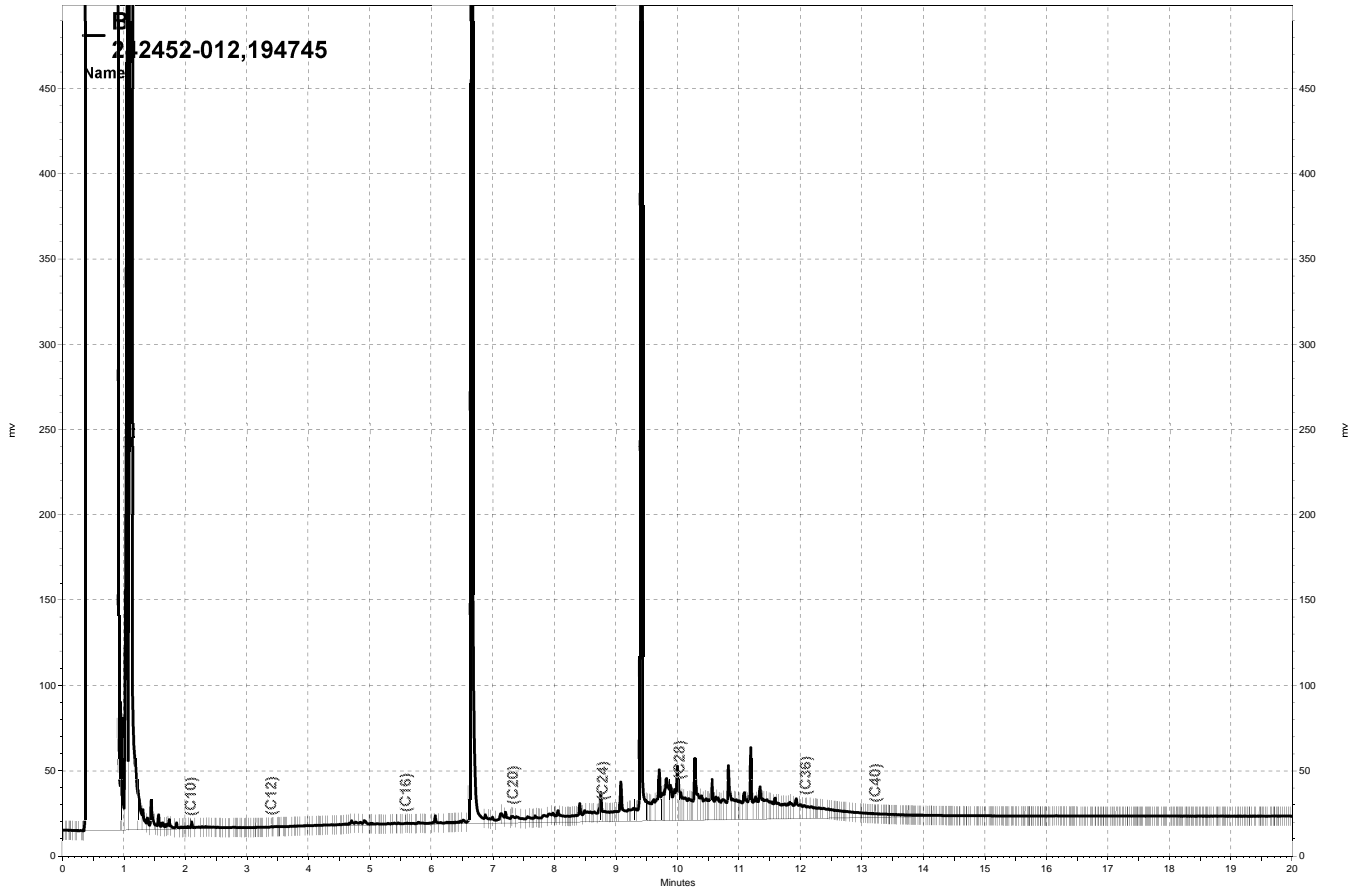
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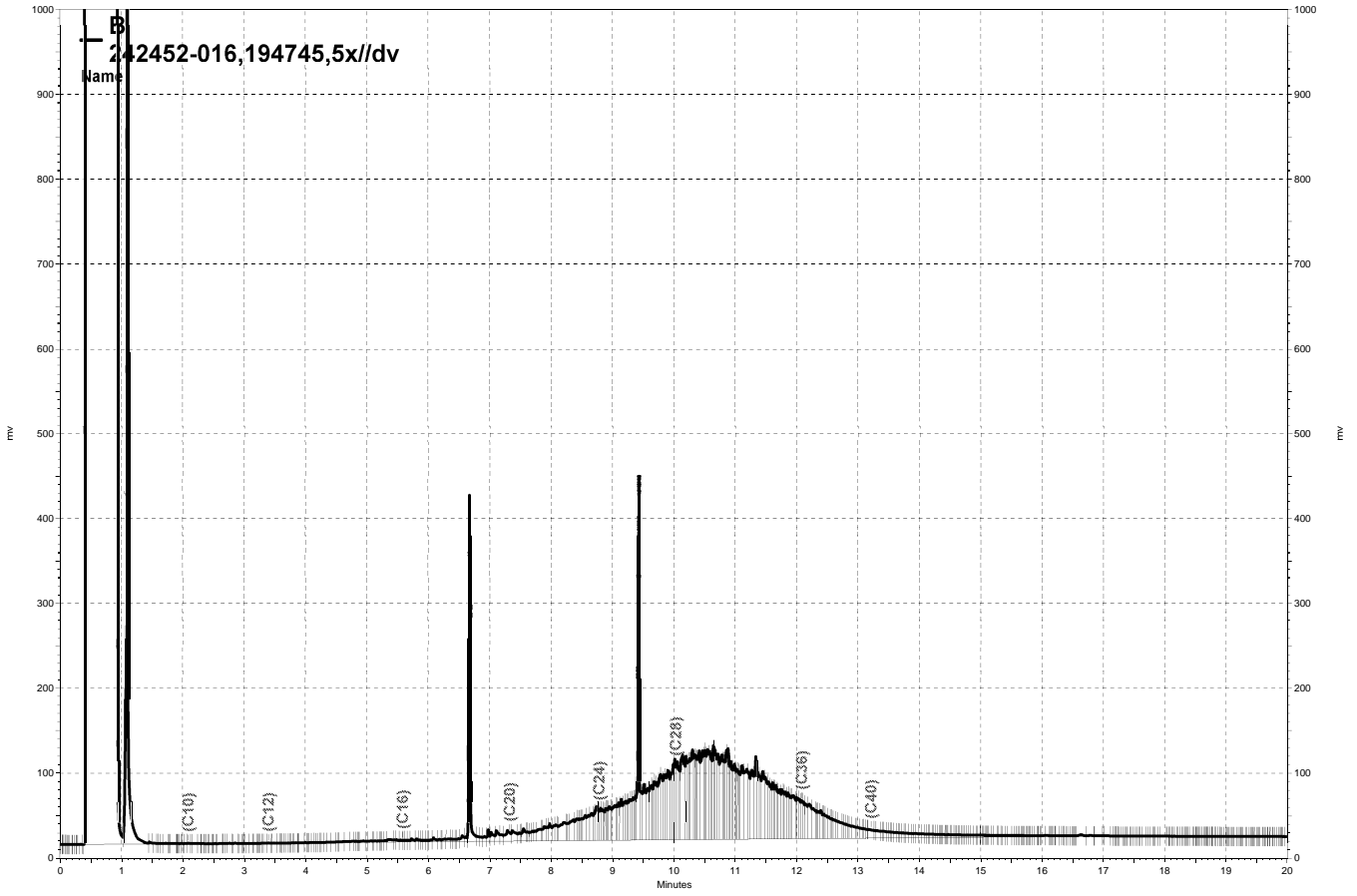


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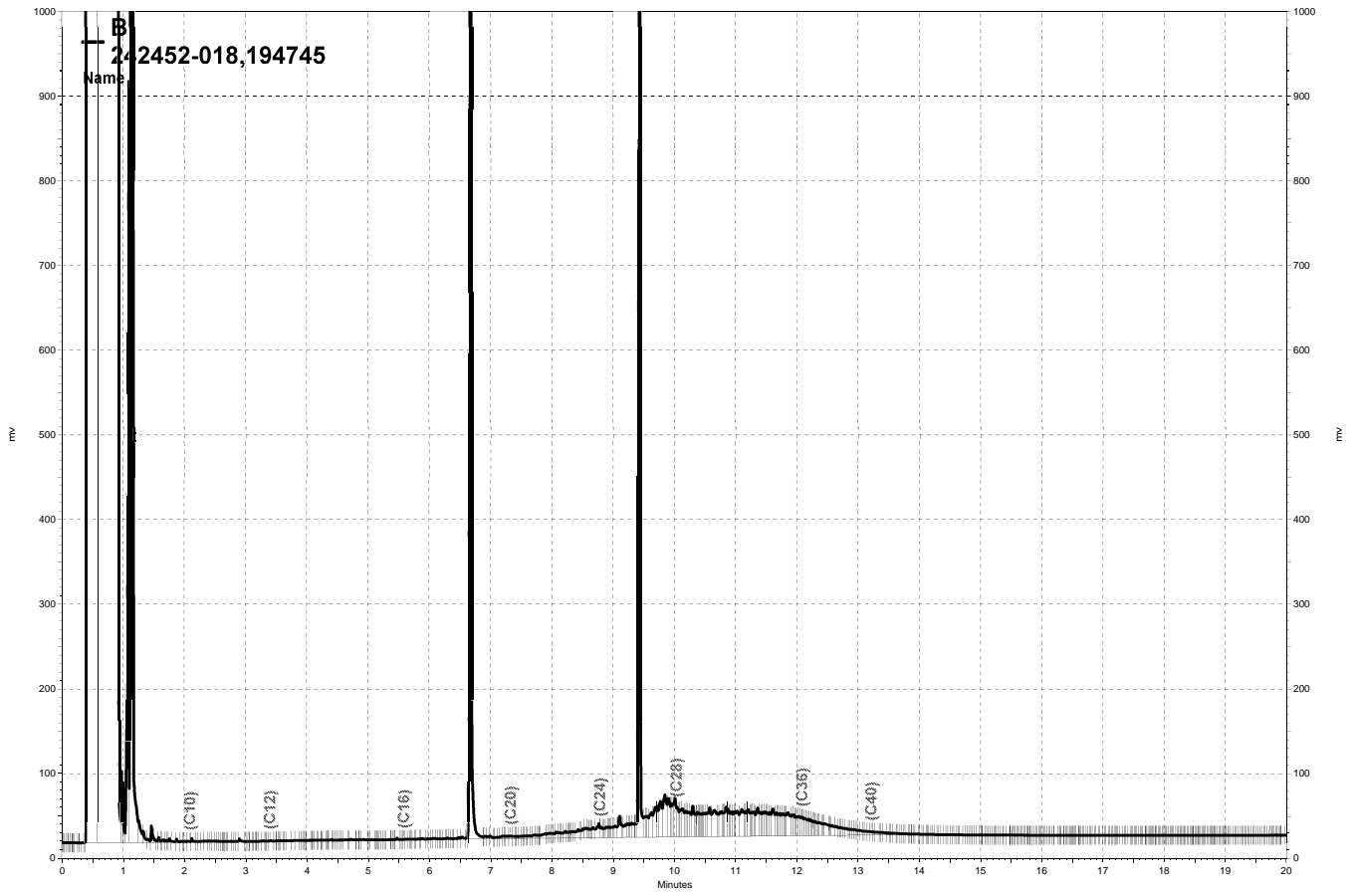


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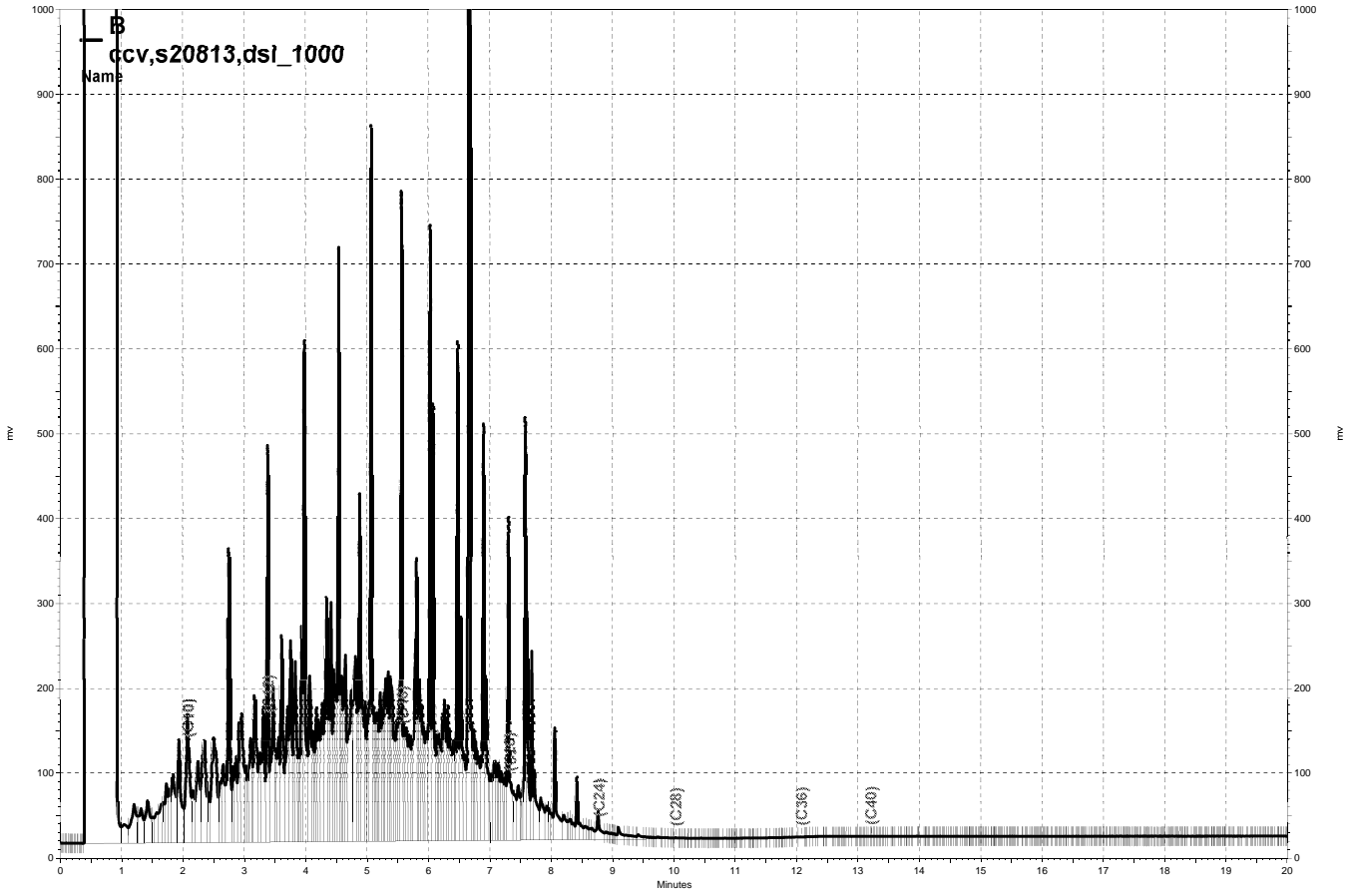




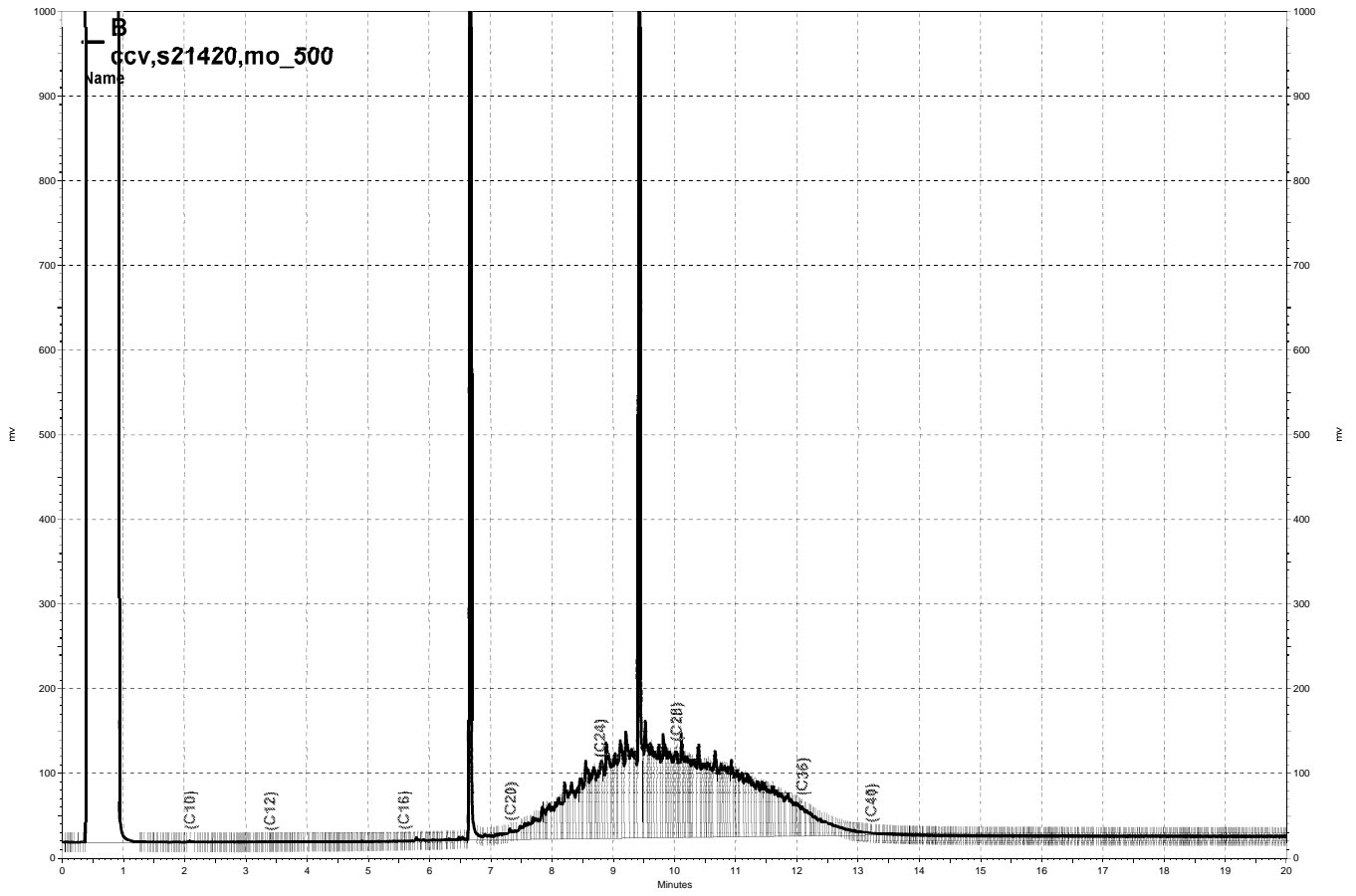
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### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7	Batch#:	194698
Lab ID:	242452-006	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7	Batch#:	194698
Lab ID:	242452-006	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	120	80-127
1,2-Dichloroethane-d4	116	69-148
Toluene-d8	103	80-120
Bromofluorobenzene	99	80-121

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8	Batch#:	194698
Lab ID:	242452-010	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8	Batch#:	194698
Lab ID:	242452-010	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	121	80-127
1,2-Dichloroethane-d4	116	69-148
Toluene-d8	103	80-120
Bromofluorobenzene	96	80-121

ND= Not Detected

RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9	Batch#:	194698
Lab ID:	242452-015	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9	Batch#:	194698
Lab ID:	242452-015	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	123	80-127
1,2-Dichloroethane-d4	117	69-148
Toluene-d8	103	80-120
Bromofluorobenzene	94	80-121

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10	Batch#:	194698
Lab ID:	242452-019	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10	Batch#:	194698
Lab ID:	242452-019	Sampled:	01/15/13
Matrix:	Water	Received:	01/16/13
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	123	80-127
1,2-Dichloroethane-d4	116	69-148
Toluene-d8	103	80-120
Bromofluorobenzene	96	80-121

ND= Not Detected  
 RL= Reporting Limit

**Batch QC Report**

Purgeable Organics by GC/MS			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	194698
Units:	ug/L	Analyzed:	01/17/13
Diln Fac:	1.000		

Type:                      BS                                      Lab ID:                      QC673375

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	24.24	97	65-130
Benzene	25.00	29.79	119	80-123
Trichloroethene	25.00	25.72	103	76-121
Toluene	25.00	26.62	106	80-120
Chlorobenzene	25.00	27.21	109	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-127
1,2-Dichloroethane-d4	112	69-148
Toluene-d8	101	80-120
Bromofluorobenzene	95	80-121

Type:                      BSD                                      Lab ID:                      QC673376

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	25.34	101	65-130	4	22
Benzene	25.00	29.61	118	80-123	1	20
Trichloroethene	25.00	26.37	105	76-121	2	20
Toluene	25.00	27.02	108	80-120	1	20
Chlorobenzene	25.00	27.36	109	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-127
1,2-Dichloroethane-d4	109	69-148
Toluene-d8	100	80-120
Bromofluorobenzene	94	80-121

RPD= Relative Percent Difference

**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673377	Batch#:	194698
Matrix:	Water	Analyzed:	01/17/13
Units:	ug/L		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673377	Batch#:	194698
Matrix:	Water	Analyzed:	01/17/13
Units:	ug/L		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	114	80-127
1,2-Dichloroethane-d4	115	69-148
Toluene-d8	102	80-120
Bromofluorobenzene	99	80-121

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7@2'	Diln Fac:	0.9524
Lab ID:	242452-001	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7@2'	Diln Fac:	0.9524
Lab ID:	242452-001	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-131
1,2-Dichloroethane-d4	98	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	107	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7@4.5'	Diln Fac:	0.9294
Lab ID:	242452-002	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7@4.5'	Diln Fac:	0.9294
Lab ID:	242452-002	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-131
1,2-Dichloroethane-d4	101	75-141
Toluene-d8	97	80-120
Bromofluorobenzene	106	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7@10'	Diln Fac:	0.9488
Lab ID:	242452-003	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-7@10'	Diln Fac:	0.9488
Lab ID:	242452-003	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-131
1,2-Dichloroethane-d4	98	75-141
Toluene-d8	100	80-120
Bromofluorobenzene	107	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8@2.5'	Diln Fac:	0.8929
Lab ID:	242452-007	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	8.9
Chloromethane	ND	8.9
Vinyl Chloride	ND	8.9
Bromomethane	ND	8.9
Chloroethane	ND	8.9
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	8.9
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	8.9
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	8.9
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8@2.5'	Diln Fac:	0.8929
Lab ID:	242452-007	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	111	78-131
1,2-Dichloroethane-d4	104	75-141
Toluene-d8	103	80-120
Bromofluorobenzene	109	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8@5'	Diln Fac:	0.9542
Lab ID:	242452-008	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8@5'	Diln Fac:	0.9542
Lab ID:	242452-008	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	113	78-131
1,2-Dichloroethane-d4	104	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	107	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8@10'	Diln Fac:	1.000
Lab ID:	242452-009	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-8@10'	Diln Fac:	1.000
Lab ID:	242452-009	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	106	78-131
1,2-Dichloroethane-d4	97	75-141
Toluene-d8	104	80-120
Bromofluorobenzene	109	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9@2.5'	Diln Fac:	0.8711
Lab ID:	242452-011	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	8.7
Chloromethane	ND	8.7
Vinyl Chloride	ND	8.7
Bromomethane	ND	8.7
Chloroethane	ND	8.7
Trichlorofluoromethane	ND	4.4
Acetone	ND	17
Freon 113	ND	4.4
1,1-Dichloroethene	ND	4.4
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.4
MTBE	ND	4.4
trans-1,2-Dichloroethene	ND	4.4
Vinyl Acetate	ND	44
1,1-Dichloroethane	ND	4.4
2-Butanone	ND	8.7
cis-1,2-Dichloroethene	ND	4.4
2,2-Dichloropropane	ND	4.4
Chloroform	ND	4.4
Bromochloromethane	ND	4.4
1,1,1-Trichloroethane	ND	4.4
1,1-Dichloropropene	ND	4.4
Carbon Tetrachloride	ND	4.4
1,2-Dichloroethane	ND	4.4
Benzene	ND	4.4
Trichloroethene	ND	4.4
1,2-Dichloropropane	ND	4.4
Bromodichloromethane	ND	4.4
Dibromomethane	ND	4.4
4-Methyl-2-Pentanone	ND	8.7
cis-1,3-Dichloropropene	ND	4.4
Toluene	ND	4.4
trans-1,3-Dichloropropene	ND	4.4
1,1,2-Trichloroethane	ND	4.4
2-Hexanone	ND	8.7
1,3-Dichloropropane	ND	4.4
Tetrachloroethene	ND	4.4

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9@2.5'	Diln Fac:	0.8711
Lab ID:	242452-011	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.4
1,2-Dibromoethane	ND	4.4
Chlorobenzene	ND	4.4
1,1,1,2-Tetrachloroethane	ND	4.4
Ethylbenzene	ND	4.4
m,p-Xylenes	ND	4.4
o-Xylene	ND	4.4
Styrene	ND	4.4
Bromoform	ND	4.4
Isopropylbenzene	ND	4.4
1,1,2,2-Tetrachloroethane	ND	4.4
1,2,3-Trichloropropane	ND	4.4
Propylbenzene	ND	4.4
Bromobenzene	ND	4.4
1,3,5-Trimethylbenzene	ND	4.4
2-Chlorotoluene	ND	4.4
4-Chlorotoluene	ND	4.4
tert-Butylbenzene	ND	4.4
1,2,4-Trimethylbenzene	ND	4.4
sec-Butylbenzene	ND	4.4
para-Isopropyl Toluene	ND	4.4
1,3-Dichlorobenzene	ND	4.4
1,4-Dichlorobenzene	ND	4.4
n-Butylbenzene	ND	4.4
1,2-Dichlorobenzene	ND	4.4
1,2-Dibromo-3-Chloropropane	ND	4.4
1,2,4-Trichlorobenzene	ND	4.4
Hexachlorobutadiene	ND	4.4
Naphthalene	ND	4.4
1,2,3-Trichlorobenzene	ND	4.4

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-131
1,2-Dichloroethane-d4	100	75-141
Toluene-d8	101	80-120
Bromofluorobenzene	111	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9@5'	Diln Fac:	0.9242
Lab ID:	242452-012	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.2
Chloromethane	ND	9.2
Vinyl Chloride	ND	9.2
Bromomethane	ND	9.2
Chloroethane	ND	9.2
Trichlorofluoromethane	ND	4.6
Acetone	ND	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.2
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.2
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.2
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9@5'	Diln Fac:	0.9242
Lab ID:	242452-012	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	117	78-131
1,2-Dichloroethane-d4	104	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	107	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9@10'	Diln Fac:	0.9488
Lab ID:	242452-013	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-9@10'	Diln Fac:	0.9488
Lab ID:	242452-013	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	115	78-131
1,2-Dichloroethane-d4	106	75-141
Toluene-d8	104	80-120
Bromofluorobenzene	115	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10@2.5'	Diln Fac:	0.9398
Lab ID:	242452-016	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10@2.5'	Diln Fac:	0.9398
Lab ID:	242452-016	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	117	78-131
1,2-Dichloroethane-d4	109	75-141
Toluene-d8	100	80-120
Bromofluorobenzene	113	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10@5'	Diln Fac:	0.8993
Lab ID:	242452-017	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.0
Chloromethane	ND	9.0
Vinyl Chloride	ND	9.0
Bromomethane	ND	9.0
Chloroethane	ND	9.0
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	9.0
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	9.0
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	9.0
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10@5'	Diln Fac:	0.8993
Lab ID:	242452-017	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	119	78-131
1,2-Dichloroethane-d4	109	75-141
Toluene-d8	104	80-120
Bromofluorobenzene	113	79-128

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10@10'	Diln Fac:	0.9785
Lab ID:	242452-018	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10@10'	Diln Fac:	0.9785
Lab ID:	242452-018	Batch#:	194694
Matrix:	Soil	Sampled:	01/15/13
Units:	ug/Kg	Received:	01/16/13
Basis:	as received	Analyzed:	01/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-131
1,2-Dichloroethane-d4	105	75-141
Toluene-d8	100	80-120
Bromofluorobenzene	109	79-128

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	194694
Units:	ug/Kg	Analyzed:	01/17/13
Diln Fac:	1.000		

Type: BS Lab ID: QC673356

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	28.69	115	70-129
Benzene	25.00	26.57	106	77-125
Trichloroethene	25.00	27.03	108	77-122
Toluene	25.00	25.33	101	78-120
Chlorobenzene	25.00	25.18	101	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	78-131
1,2-Dichloroethane-d4	85	75-141
Toluene-d8	98	80-120
Bromofluorobenzene	104	79-128

Type: BSD Lab ID: QC673357

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	27.11	108	70-129	6	20
Benzene	25.00	26.09	104	77-125	2	20
Trichloroethene	25.00	28.29	113	77-122	5	20
Toluene	25.00	27.38	110	78-120	8	20
Chlorobenzene	25.00	25.84	103	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	78-131
1,2-Dichloroethane-d4	84	75-141
Toluene-d8	99	80-120
Bromofluorobenzene	102	79-128

RPD= Relative Percent Difference



**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673358	Batch#:	194694
Matrix:	Soil	Analyzed:	01/17/13
Units:	ug/Kg		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673358	Batch#:	194694
Matrix:	Soil	Analyzed:	01/17/13
Units:	ug/Kg		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
Dibromofluoromethane	103	78-131
1,2-Dichloroethane-d4	96	75-141
Toluene-d8	98	80-120
Bromofluorobenzene	105	79-128

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

Purgeable Organics by GC/MS			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	BROADWAY/51ST	Analysis:	EPA 8260B
Field ID:	SB-10@10'	Batch#:	194694
MSS Lab ID:	242452-018	Sampled:	01/15/13
Matrix:	Soil	Received:	01/16/13
Units:	ug/Kg	Analyzed:	01/17/13
Basis:	as received		

Type: MS Diln Fac: 0.9381  
 Lab ID: QC673409

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<1.252	46.90	50.54	108	55-126
Benzene	<0.6792	46.90	45.30	97	57-120
Trichloroethene	<0.7333	46.90	45.70	97	49-138
Toluene	<0.4571	46.90	43.97	94	53-120
Chlorobenzene	<0.3454	46.90	42.04	90	48-120

Surrogate	%REC	Limits
Dibromofluoromethane	109	78-131
1,2-Dichloroethane-d4	92	75-141
Toluene-d8	102	80-120
Bromofluorobenzene	112	79-128

Type: MSD Diln Fac: 0.9294  
 Lab ID: QC673410

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	46.47	51.09	110	55-126	2	40
Benzene	46.47	45.56	98	57-120	2	37
Trichloroethene	46.47	44.71	96	49-138	1	40
Toluene	46.47	43.77	94	53-120	0	38
Chlorobenzene	46.47	40.97	88	48-120	2	39

Surrogate	%REC	Limits
Dibromofluoromethane	111	78-131
1,2-Dichloroethane-d4	91	75-141
Toluene-d8	97	80-120
Bromofluorobenzene	105	79-128

RPD= Relative Percent Difference

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-7@2'	Basis:	as received
Lab ID:	242452-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.83	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	3.7	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	200	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.63	0.095	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	41	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	9.7	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	40	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	13	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.15	0.017	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	41	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	31	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	55	0.95	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-7@4.5'	Basis:	as received
Lab ID:	242452-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	2.8	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	230	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.65	0.095	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	64	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	11	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	28	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	7.4	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.12	0.016	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	63	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	1.3	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	37	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	88	0.95	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-7@10'	Basis:	as received
Lab ID:	242452-003	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	3.5	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	180	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.51	0.096	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	41	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	8.5	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	50	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	5.9	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.053	0.016	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	52	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	37	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	71	0.96	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-8@2.5'	Basis:	as received
Lab ID:	242452-007	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	2.8	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	160	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.50	0.096	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	53	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	7.4	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	21	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	5.1	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.043	0.016	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	43	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	34	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	31	0.96	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-8@5'	Basis:	as received
Lab ID:	242452-008	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	1.9	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	88	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.40	0.093	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	23	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	3.6	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	15	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	4.3	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.041	0.018	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	12	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	20	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	51	0.93	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit



California Title 22 Metals			
Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-8@10'	Basis:	as received
Lab ID:	242452-009	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.49	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	3.4	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	130	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.47	0.098	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	33	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	9.3	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	23	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	6.9	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.20	0.016	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	44	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.49	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.49	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	32	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	41	0.98	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-9@2.5'	Basis:	as received
Lab ID:	242452-011	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.47	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	2.6	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	230	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.56	0.093	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	29	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	7.1	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	75	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	7.2	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.044	0.018	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	21	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.47	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.47	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	27	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	110	0.93	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-9@5'	Basis:	as received
Lab ID:	242452-012	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.47	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	4.4	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	210	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.60	0.093	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	35	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	12	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	28	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	19	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.18	0.016	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	37	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.47	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.47	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	30	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	61	0.93	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-9@10'	Basis:	as received
Lab ID:	242452-013	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	2.8	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	180	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.65	0.092	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	45	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	13	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	28	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	13	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.24	0.017	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	70	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	39	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	38	0.92	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-10@2.5'	Basis:	as received
Lab ID:	242452-016	Sampled:	01/15/13
Matrix:	Soil	Received:	01/16/13
Units:	mg/Kg		

Analyte	Result	RL	Diln	Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.8	0.46	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	6.0	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	340	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.63	0.093	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	0.84	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	39	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	7.2	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	83	0.24	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	550	23	100.0		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	1.6	0.081	5.000		194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	38	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.46	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	0.24	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.46	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	31	0.23	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	230	0.93	1.000		194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-10@5'	Basis:	as received
Lab ID:	242452-017	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	2.6	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	130	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.49	0.096	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	41	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	8.5	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	41	0.25	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	5.5	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.098	0.018	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	24	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.48	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	31	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	67	0.96	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	242452	Project#:	BROADWAY/51ST
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-10@10'	Basis:	as received
Lab ID:	242452-018	Diln Fac:	1.000
Matrix:	Soil	Sampled:	01/15/13
Units:	mg/Kg	Received:	01/16/13

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Arsenic	3.5	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Barium	150	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Beryllium	0.54	0.093	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Chromium	48	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Cobalt	13	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Copper	25	0.24	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Lead	5.7	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Mercury	0.089	0.018	194771	01/21/13	01/21/13	METHOD	EPA 7471A
Molybdenum	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Nickel	60	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Selenium	0.61	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Silver	ND	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Thallium	ND	0.46	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Vanadium	38	0.23	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B
Zinc	46	0.93	194750	01/18/13	01/22/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

California Title 22 Metals			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673595	Batch#:	194750
Matrix:	Soil	Prepared:	01/18/13
Units:	mg/Kg	Analyzed:	01/22/13

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit



**Batch QC Report**

California Title 22 Metals			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	194750
Units:	mg/Kg	Prepared:	01/18/13
Diln Fac:	1.000	Analyzed:	01/22/13

Type: BS Lab ID: QC673596

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	100.6	101	80-120
Arsenic	50.00	50.83	102	80-121
Barium	100.0	100.6	101	80-120
Beryllium	2.500	2.602	104	80-120
Cadmium	10.00	10.49	105	80-120
Chromium	100.0	99.79	100	80-120
Cobalt	25.00	25.10	100	80-120
Copper	12.50	12.76	102	80-120
Lead	100.0	97.17	97	80-120
Molybdenum	20.00	20.35	102	80-120
Nickel	25.00	24.86	99	80-120
Selenium	50.00	50.03	100	80-120
Silver	10.00	9.732	97	80-120
Thallium	50.00	49.16	98	80-120
Vanadium	25.00	25.02	100	80-120
Zinc	25.00	25.50	102	80-120

Type: BSD Lab ID: QC673597

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	98.90	99	80-120	2	20
Arsenic	50.00	50.28	101	80-121	1	20
Barium	100.0	98.58	99	80-120	2	20
Beryllium	2.500	2.558	102	80-120	2	20
Cadmium	10.00	10.28	103	80-120	2	20
Chromium	100.0	98.01	98	80-120	2	20
Cobalt	25.00	24.65	99	80-120	2	20
Copper	12.50	12.43	99	80-120	3	20
Lead	100.0	95.85	96	80-120	1	23
Molybdenum	20.00	19.98	100	80-120	2	20
Nickel	25.00	24.49	98	80-120	1	20
Selenium	50.00	49.36	99	80-120	1	20
Silver	10.00	9.550	95	80-120	2	20
Thallium	50.00	48.51	97	80-120	1	20
Vanadium	25.00	24.58	98	80-120	2	20
Zinc	25.00	24.87	99	80-120	3	20

RPD= Relative Percent Difference

**Batch QC Report**

California Title 22 Metals			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Field ID:	SB-7@2'	Batch#:	194750
MSS Lab ID:	242452-001	Sampled:	01/15/13
Matrix:	Soil	Received:	01/16/13
Units:	mg/Kg	Prepared:	01/18/13
Basis:	as received	Analyzed:	01/22/13
Diln Fac:	1.000		

Type: MS Lab ID: QC673598

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	0.8329	100.0	49.58	49	12-120
Arsenic	3.651	50.00	46.98	87	73-121
Barium	197.0	100.0	303.7	107	51-135
Beryllium	0.6276	2.500	2.978	94	79-120
Cadmium	<0.01522	10.00	8.954	90	74-120
Chromium	41.37	100.0	127.7	86	62-124
Cobalt	9.748	25.00	33.06	93	62-120
Copper	40.40	12.50	36.88	-28 *	48-150
Lead	13.38	100.0	97.35	84	58-124
Molybdenum	0.08460	20.00	17.04	85	69-120
Nickel	40.89	25.00	72.97	128	49-135
Selenium	<0.1393	50.00	42.96	86	68-120
Silver	<0.07119	10.00	8.856	89	76-120
Thallium	<0.1553	50.00	39.27	79	68-120
Vanadium	31.39	25.00	56.48	100	54-137
Zinc	55.35	25.00	62.78	30 *	43-147

Type: MSD Lab ID: QC673599

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	92.59	47.26	50	12-120	3	36
Arsenic	46.30	45.84	91	73-121	5	40
Barium	92.59	418.0	239 *	51-135	34	40
Beryllium	2.315	2.880	97	79-120	3	21
Cadmium	9.259	8.449	91	74-120	2	20
Chromium	92.59	128.9	94	62-124	6	34
Cobalt	23.15	61.69	224 *	62-120	65 *	35
Copper	11.57	41.55	10 *	48-150	14	39
Lead	92.59	92.36	85	58-124	2	44
Molybdenum	18.52	16.04	86	69-120	2	25
Nickel	23.15	103.4	270 *	49-135	37	37
Selenium	46.30	41.39	89	68-120	4	29
Silver	9.259	8.347	90	76-120	2	29
Thallium	46.30	36.27	78	68-120	0	21
Vanadium	23.15	62.95	136	54-137	14	31
Zinc	23.15	70.36	65	43-147	14	41

\*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	194771
Lab ID:	QC673674	Prepared:	01/21/13
Matrix:	Soil	Analyzed:	01/21/13
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

California Title 22 Metals			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	194771
Matrix:	Soil	Prepared:	01/21/13
Units:	mg/Kg	Analyzed:	01/21/13
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC673675	0.2083	0.2173	104	80-120		
BSD	QC673676	0.2083	0.2096	101	80-120	4	20

RPD= Relative Percent Difference

**Batch QC Report**

<b>California Title 22 Metals</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	194771
MSS Lab ID:	242509-001	Sampled:	01/18/13
Matrix:	Soil	Received:	01/18/13
Units:	mg/Kg	Prepared:	01/21/13
Basis:	as received	Analyzed:	01/21/13

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC673677	0.07443	0.2016	0.2962	110	76-138		
MSD	QC673678		0.1953	0.2930	112	76-138	1	42

RPD= Relative Percent Difference

**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST		
Field ID:	SB-7	Diln Fac:	1.000
Lab ID:	242452-006	Sampled:	01/15/13
Matrix:	Filtrate	Received:	01/16/13
Units:	ug/L	Prepared:	01/18/13

Analyte	Result	RL	Batch#	Analyzed	Analysis
Antimony	ND	10	194749	01/22/13	EPA 6010B
Arsenic	ND	5.0	194749	01/22/13	EPA 6010B
Barium	200	5.0	194749	01/22/13	EPA 6010B
Beryllium	ND	2.0	194749	01/22/13	EPA 6010B
Cadmium	ND	5.0	194749	01/22/13	EPA 6010B
Chromium	ND	5.0	194749	01/22/13	EPA 6010B
Cobalt	ND	5.0	194749	01/22/13	EPA 6010B
Copper	ND	5.0	194749	01/22/13	EPA 6010B
Lead	ND	5.0	194749	01/22/13	EPA 6010B
Mercury	0.21	0.20	194732	01/18/13	EPA 7470A
Molybdenum	5.5	5.0	194749	01/22/13	EPA 6010B
Nickel	8.3	5.0	194749	01/22/13	EPA 6010B
Selenium	ND	10	194749	01/22/13	EPA 6010B
Silver	ND	5.0	194749	01/22/13	EPA 6010B
Thallium	ND	10	194749	01/22/13	EPA 6010B
Vanadium	ND	5.0	194749	01/22/13	EPA 6010B
Zinc	ND	20	194749	01/22/13	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST		
Field ID:	SB-8	Diln Fac:	1.000
Lab ID:	242452-010	Sampled:	01/15/13
Matrix:	Filtrate	Received:	01/16/13
Units:	ug/L	Prepared:	01/18/13

Analyte	Result	RL	Batch#	Analyzed	Analysis
Antimony	ND	10	194749	01/22/13	EPA 6010B
Arsenic	ND	5.0	194749	01/22/13	EPA 6010B
Barium	170	5.0	194749	01/22/13	EPA 6010B
Beryllium	ND	2.0	194749	01/22/13	EPA 6010B
Cadmium	ND	5.0	194749	01/22/13	EPA 6010B
Chromium	ND	5.0	194749	01/22/13	EPA 6010B
Cobalt	ND	5.0	194749	01/22/13	EPA 6010B
Copper	ND	5.0	194749	01/22/13	EPA 6010B
Lead	ND	5.0	194749	01/22/13	EPA 6010B
Mercury	ND	0.20	194732	01/18/13	EPA 7470A
Molybdenum	ND	5.0	194749	01/22/13	EPA 6010B
Nickel	9.4	5.0	194749	01/22/13	EPA 6010B
Selenium	ND	10	194749	01/22/13	EPA 6010B
Silver	ND	5.0	194749	01/22/13	EPA 6010B
Thallium	ND	10	194749	01/22/13	EPA 6010B
Vanadium	ND	5.0	194749	01/22/13	EPA 6010B
Zinc	ND	20	194749	01/22/13	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST		
Field ID:	SB-9	Diln Fac:	1.000
Lab ID:	242452-015	Sampled:	01/15/13
Matrix:	Filtrate	Received:	01/16/13
Units:	ug/L	Prepared:	01/18/13

Analyte	Result	RL	Batch#	Analyzed	Analysis
Antimony	ND	10	194749	01/22/13	EPA 6010B
Arsenic	ND	5.0	194749	01/22/13	EPA 6010B
Barium	140	5.0	194749	01/22/13	EPA 6010B
Beryllium	ND	2.0	194749	01/22/13	EPA 6010B
Cadmium	ND	5.0	194749	01/22/13	EPA 6010B
Chromium	ND	5.0	194749	01/22/13	EPA 6010B
Cobalt	ND	5.0	194749	01/22/13	EPA 6010B
Copper	ND	5.0	194749	01/22/13	EPA 6010B
Lead	ND	5.0	194749	01/22/13	EPA 6010B
Mercury	ND	0.20	194732	01/18/13	EPA 7470A
Molybdenum	ND	5.0	194749	01/22/13	EPA 6010B
Nickel	6.0	5.0	194749	01/22/13	EPA 6010B
Selenium	ND	10	194749	01/22/13	EPA 6010B
Silver	ND	5.0	194749	01/22/13	EPA 6010B
Thallium	ND	10	194749	01/22/13	EPA 6010B
Vanadium	ND	5.0	194749	01/22/13	EPA 6010B
Zinc	ND	20	194749	01/22/13	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit



**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST		
Field ID:	SB-10	Diln Fac:	1.000
Lab ID:	242452-019	Sampled:	01/15/13
Matrix:	Filtrate	Received:	01/16/13
Units:	ug/L	Prepared:	01/18/13

Analyte	Result	RL	Batch#	Analyzed	Analysis
Antimony	ND	10	194749	01/22/13	EPA 6010B
Arsenic	ND	5.0	194749	01/22/13	EPA 6010B
Barium	130	5.0	194749	01/22/13	EPA 6010B
Beryllium	ND	2.0	194749	01/22/13	EPA 6010B
Cadmium	ND	5.0	194749	01/22/13	EPA 6010B
Chromium	ND	5.0	194749	01/22/13	EPA 6010B
Cobalt	ND	5.0	194749	01/22/13	EPA 6010B
Copper	ND	5.0	194749	01/22/13	EPA 6010B
Lead	ND	5.0	194749	01/22/13	EPA 6010B
Mercury	ND	0.20	194732	01/18/13	EPA 7470A
Molybdenum	ND	5.0	194749	01/22/13	EPA 6010B
Nickel	12	5.0	194749	01/22/13	EPA 6010B
Selenium	ND	10	194749	01/22/13	EPA 6010B
Silver	ND	5.0	194749	01/22/13	EPA 6010B
Thallium	ND	10	194749	01/22/13	EPA 6010B
Vanadium	ND	5.0	194749	01/22/13	EPA 6010B
Zinc	ND	20	194749	01/22/13	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	194732
Lab ID:	QC673519	Prepared:	01/18/13
Matrix:	Filtrate	Analyzed:	01/18/13
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Dissolved California Title 22 Metals			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	194732
Matrix:	Filtrate	Prepared:	01/18/13
Units:	ug/L	Analyzed:	01/18/13
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC673520	2.500	2.501	100	80-120		
BSD	QC673521	2.500	2.578	103	80-120	3	20

RPD= Relative Percent Difference

**Batch QC Report**

<b>Dissolved California Title 22 Metals</b>			
Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	194732
Field ID:	ZZZZZZZZZZ	Sampled:	01/14/13
MSS Lab ID:	242411-005	Received:	01/15/13
Matrix:	Filtrate	Prepared:	01/18/13
Units:	ug/L	Analyzed:	01/18/13
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC673522	<0.02014	2.500	2.517	101	64-124		
MSD	QC673523		2.500	2.454	98	64-124	3	40

RPD= Relative Percent Difference

## Batch QC Report

**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC673590	Batch#:	194749
Matrix:	Filtrate	Prepared:	01/18/13
Units:	ug/L	Analyzed:	01/22/13

Analyte	Result	RL
Antimony	ND	10
Arsenic	ND	5.0
Barium	ND	5.0
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	5.0
Cobalt	ND	5.0
Copper	ND	5.0
Lead	ND	5.0
Molybdenum	ND	5.0
Nickel	ND	5.0
Selenium	ND	10
Silver	ND	5.0
Thallium	ND	10
Vanadium	ND	5.0
Zinc	ND	20

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**
**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	194749
Units:	ug/L	Prepared:	01/18/13
Diln Fac:	1.000	Analyzed:	01/22/13

Type: BS Lab ID: QC673591

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	506.4	101	72-120
Arsenic	100.0	107.5	108	79-127
Barium	2,000	1,970	99	80-120
Beryllium	50.00	51.12	102	80-120
Cadmium	50.00	53.37	107	80-120
Chromium	200.0	202.2	101	80-120
Cobalt	500.0	494.9	99	79-120
Copper	250.0	249.7	100	77-120
Lead	100.0	98.19	98	78-120
Molybdenum	400.0	407.9	102	80-120
Nickel	500.0	501.3	100	80-120
Selenium	100.0	98.52	99	74-122
Silver	50.00	50.78	102	79-120
Thallium	100.0	103.3	103	80-123
Vanadium	500.0	506.1	101	80-120
Zinc	500.0	513.6	103	80-120

Type: BSD Lab ID: QC673592

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	509.7	102	72-120	1	20
Arsenic	100.0	105.3	105	79-127	2	21
Barium	2,000	1,970	99	80-120	0	20
Beryllium	50.00	50.62	101	80-120	1	20
Cadmium	50.00	53.07	106	80-120	1	20
Chromium	200.0	200.7	100	80-120	1	20
Cobalt	500.0	491.7	98	79-120	1	20
Copper	250.0	246.6	99	77-120	1	20
Lead	100.0	99.18	99	78-120	1	20
Molybdenum	400.0	409.0	102	80-120	0	20
Nickel	500.0	498.3	100	80-120	1	20
Selenium	100.0	99.66	100	74-122	1	23
Silver	50.00	50.14	100	79-120	1	20
Thallium	100.0	101.9	102	80-123	1	21
Vanadium	500.0	497.8	100	80-120	2	20
Zinc	500.0	513.0	103	80-120	0	20

RPD= Relative Percent Difference

**Batch QC Report**
**Dissolved California Title 22 Metals**

Lab #:	242452	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	BROADWAY/51ST	Analysis:	EPA 6010B
Field ID:	SB-7	Batch#:	194749
MSS Lab ID:	242452-006	Sampled:	01/15/13
Matrix:	Filtrate	Received:	01/16/13
Units:	ug/L	Prepared:	01/18/13
Diln Fac:	1.000	Analyzed:	01/22/13

Type: MS Lab ID: QC673593

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	1.579	500.0	493.5	98	66-122
Arsenic	<1.291	100.0	100.7	101	68-135
Barium	200.9	2,000	2,098	95	76-120
Beryllium	<0.1940	50.00	50.58	101	80-122
Cadmium	<0.4753	50.00	47.68	95	76-120
Chromium	<0.6310	200.0	192.7	96	74-120
Cobalt	3.717	500.0	471.5	94	75-120
Copper	<1.610	250.0	242.8	97	71-120
Lead	<1.552	100.0	90.66	91	65-120
Molybdenum	5.530	400.0	395.1	97	77-120
Nickel	8.314	500.0	471.7	93	74-120
Selenium	<2.490	100.0	100.5	100	62-132
Silver	<1.331	50.00	48.85	98	73-120
Thallium	<1.639	100.0	91.78	92	68-127
Vanadium	0.8847	500.0	495.0	99	78-120
Zinc	<2.280	500.0	493.9	99	75-124

Type: MSD Lab ID: QC673594

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	502.2	100	66-122	2	20
Arsenic	100.0	104.1	104	68-135	3	32
Barium	2,000	2,103	95	76-120	0	27
Beryllium	50.00	50.27	101	80-122	1	20
Cadmium	50.00	48.12	96	76-120	1	20
Chromium	200.0	193.9	97	74-120	1	21
Cobalt	500.0	469.0	93	75-120	1	20
Copper	250.0	242.2	97	71-120	0	27
Lead	100.0	92.61	93	65-120	2	29
Molybdenum	400.0	402.6	99	77-120	2	29
Nickel	500.0	475.6	93	74-120	1	21
Selenium	100.0	100.0	100	62-132	0	42
Silver	50.00	48.72	97	73-120	0	25
Thallium	100.0	93.26	93	68-127	2	29
Vanadium	500.0	490.7	98	78-120	1	20
Zinc	500.0	496.2	99	75-124	0	27

RPD= Relative Percent Difference

Phase I and II ESA

4901, 4915, 4919, 4921, 4939, and 4945 Broadway; Parcel No. 013-1136-008-04 (no address); 311 and 313 – 51st Street; 4974, 4970, 4966 and 4964 Desmond Street, Oakland, California

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## **APPENDIX E**

### **April 2013 Laboratory Analysis Report**





Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 244605
ANALYTICAL REPORT

ERS Corp.
1600 Riviera Ave.
Walnut Creek, CA 94596

Project : 49TH/BROADWAY
Location : Broadway / 51St
Level : II

Table with 2 columns: Sample ID and Lab ID. Lists 23 sample entries with their corresponding lab IDs.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Tracy Babjar
Project Manager
(510) 204-2226

Date: 04/23/2013

### CASE NARRATIVE

Laboratory number: 244605  
Client: ERS Corp.  
Project: 49TH/BROADWAY  
Location: Broadway / 51st  
Request Date: 04/16/13  
Samples Received: 04/16/13

This data package contains sample and QC results for six soil samples, requested for the above referenced project on 04/16/13. The samples were received cold and intact.

**TPH-Purgeables and/or BTXE by GC (EPA 8015B):**

No analytical problems were encountered.

**TPH-Extractables by GC (EPA 8015B):**

Matrix spikes QC684802, QC684803 (batch 197525) were not reported because the parent sample required a dilution that would have diluted out the spikes. No other analytical problems were encountered.

**Volatile Organics by GC/MS (EPA 8260B):**

No analytical problems were encountered.

**Metals (EPA 6010B and EPA 7471A):**

Zinc was detected above the RL in the method blank for batch 197505; this analyte was detected in samples at a level at least 10 times that of the blank. No other analytical problems were encountered.

**Curtis & Tompkins, Ltd.**  
Analytical Laboratory Since 1878  
2323 Fifth Street  
Berkeley, CA 94710  
(510)486-0900 Phone  
(510)486-0532 Fax

Project No: 49th / Broadway  
Project Name: 49th / Broadway  
EDD Format: \_\_\_\_\_ Rpt Level: II III IV  
Turnaround Time:  RUSH  Standard

# CHAIN OF CUSTODY

C&T LOGIN # 244605

Sampler: Amendola  
Report To: J. Amendola / K. Price  
Company: ELS Corp  
Telephone: (408)496-0801  
Email: jamendola@erscorp.us

Page 2 of 2  
Chain of Custody #:

## Analytical Request

Sample ID	Request	Result
SB-16 @ 5/2-6	TpH diesel	XXXXX
SB-16 @ 7/2-8	TpH gasoline	XXXXX
SB-16 @ 9.5-10	CHM 17 Metals	XXXXX
SB-16 @ 15.5-16	VOCs	XXXXX
SB-17 @ 3/2-4		
SB-17 @ 5/2-6		
SB-17 @ 7/2-8		
SB-17 @ 9/2-10		
SB-17 @ 11/2-12		
SB-17 @ 15/2-16		

Lab No.	Sample ID.	Sampling		Matrix		Chemical Preservative					
		Date	Time	Water	Soil	# of Containers	HCl	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	NaOH	None
14	SB-16 @ 5/2-6	4/15/2015		X							X
15	SB-16 @ 7/2-8										
16	SB-16 @ 9.5-10										
17	SB-16 @ 15.5-16										
18	SB-17 @ 3/2-4										
19	SB-17 @ 5/2-6										
20	SB-17 @ 7/2-8										
21	SB-17 @ 9/2-10										
22	SB-17 @ 11/2-12										
23	SB-17 @ 15/2-16										

Notes: \_\_\_\_\_

RELINQUISHED BY: J. Amendola DATE/TIME: 4/16/13 1500  
Amendola DATE/TIME: 4/16/13 1500

RECEIVED BY: [Signature] DATE/TIME: 4/16/13 1500  
[Signature] DATE/TIME: 4/16/13 1500

# CHAIN OF CUSTODY

**Curtis & Tompkins, Ltd.**  
Analytical Laboratory Since 1878  
2323 Fifth Street  
Berkeley, CA 94710  
(510)486-0900 Phone  
(510)486-0532 Fax

Project No: 49th/Broadway  
Project Name: 49th/Broadway  
EDD Format:          Rpt Level: II III IV  
Turnaround Time:  RUSH  Standard  
Sampler: J. Amendola  
Report To: J. Amendola, K. Price  
Company: EPS Corp.  
Telephone: (408) 496-0801  
Email: jamendola@epscorp.us

C&T LOGIN # 244605

Analytical Request	
PH motor oil	
PH wax	
TPH gasoline	
CAM 17 Metals	
VOCs	
HOLD SAMPLE	

Lab No.	Sample ID.	Sampling		Matrix		Chemical Preservative					
		Date	Time	Water	Soil	# of Containers	HCl	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	NaOH	None
1	SB-12@ 17.5-18	4/15/2013		X							X
2	SB-12@ 15.5-16										
3	SB-14@ 5/12-14										
4	SB-14@ 5/12-16										
5	SB-14@ 7/12-8										
6	SB-14@ 9/12-10										
7	SB-14@ 11/12-12										
8	SB-15@ 3.5-4										
9	SB-15@ 5/19-6										
10	SB-15@ 7/12.8										
11	SB-15@ 9/12-10										
12	SB-15@ 15/12-16										
13	SB-16@ 3/12-4										

Notes:  Intact  Cold  On Ice  Ambient

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
<i>J. Amendola</i>	4/16/13 1500	<i>J. Amendola</i>	4/16/13 1230
<i>J. Amendola</i>	4/16/13	<i>J. Amendola</i>	4/16/13

**COOLER RECEIPT CHECKLIST**



Curtis & Tompkins, Ltd.

Login # 244605 Date Received 4/16/13 Number of coolers 1  
 Client ERS Corp. Project 49th/Broadway

Date Opened 4/16/13 By (print) EL (sign) E. [Signature]  
 Date Logged in 4/17/13 By (print) [Signature] (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) YES  YES  NO  
 Shipping info \_\_\_\_\_

2A. Were custody seals present? ....  YES (circle) on cooler on samples  NO  
 How many \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_

2B. Were custody seals intact upon arrival? \_\_\_\_\_ YES NO  N/A

3. Were custody papers dry and intact when received? YES YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES YES NO

6. Indicate the packing in cooler: (if other, describe) \_\_\_\_\_

- Bubble Wrap  Foam blocks  Bags  None
- Cloth material  Cardboard  Styrofoam  Paper towels

7. Temperature documentation: \* Notify PM if temperature exceeds 6°C

Type of ice used:  Wet  Blue/Gel  None Temp(°C) 26

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? \_\_\_\_\_ YES  NO

If YES, what time were they transferred to freezer? \_\_\_\_\_

9. Did all bottles arrive unbroken/unopened? YES YES NO

10. Are there any missing / extra samples? \_\_\_\_\_ YES  NO

11. Are samples in the appropriate containers for indicated tests? YES YES NO

12. Are sample labels present, in good condition and complete? YES YES NO N/A

13. Do the sample labels agree with custody papers? YES YES NO

14. Was sufficient amount of sample sent for tests requested? YES YES NO

15. Are the samples appropriately preserved? \_\_\_\_\_ YES NO  N/A

16. Did you check preservatives for all bottles for each sample? \_\_\_\_\_ YES NO  N/A

17. Did you document your preservative check? \_\_\_\_\_ YES NO  N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? \_\_\_\_\_ YES NO  N/A

19. Did you change the hold time in LIMS for preserved terracores? \_\_\_\_\_ YES NO  N/A

20. Are bubbles > 6mm absent in VOA samples? \_\_\_\_\_ YES NO  N/A

21. Was the client contacted concerning this sample delivery? \_\_\_\_\_ YES  NO

If YES, Who was called? \_\_\_\_\_ By \_\_\_\_\_ Date: \_\_\_\_\_

**COMMENTS**

12. NO time on COC & sample labels  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Total Volatile Hydrocarbons			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	197527
Units:	mg/Kg	Sampled:	04/15/13
Basis:	as received	Received:	04/16/13
Diln Fac:	1.000	Analyzed:	04/18/13

Field ID: SB-12@17.5-18  
Type: SAMPLE

Lab ID: 244605-001

Analyte	Result	RL
Gasoline C7-C12	ND	0.92
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	64-139

Field ID: SB-13@15.5-16  
Type: SAMPLE

Lab ID: 244605-002

Analyte	Result	RL
Gasoline C7-C12	ND	0.97
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	64-139

Field ID: SB-14@3 1/2-4  
Type: SAMPLE

Lab ID: 244605-003

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	64-139

Field ID: SB-15@3.5-4  
Type: SAMPLE

Lab ID: 244605-008

Analyte	Result	RL
Gasoline C7-C12	ND	0.96
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	64-139

Field ID: SB-16@3 1/2-4  
Type: SAMPLE

Lab ID: 244605-013

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	64-139

ND= Not Detected  
RL= Reporting Limit  
Page 1 of 2

Total Volatile Hydrocarbons			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	197527
Units:	mg/Kg	Sampled:	04/15/13
Basis:	as received	Received:	04/16/13
Diln Fac:	1.000	Analyzed:	04/18/13

Field ID: SB-17@3 1/2-4  
Type: SAMPLE

Lab ID: 244605-018

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	64-139

Type: BLANK

Lab ID: QC684813

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	64-139



## Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC684812	Batch#:	197527
Matrix:	Soil	Analyzed:	04/18/13
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.012	101	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	64-139



Total Extractable Hydrocarbons			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	49TH/BROADWAY	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/15/13
Units:	mg/Kg	Received:	04/16/13
Basis:	as received	Prepared:	04/18/13
Diln Fac:	1.000	Analyzed:	04/18/13
Batch#:	197525		

Field ID: SB-16@3 1/2-4  
Type: SAMPLE

Lab ID: 244605-013

Analyte	Result	RL
Diesel C10-C24	8.7 Y	1.0
Motor Oil C24-C36	25	5.0

Surrogate	%REC	Limits
o-Terphenyl	98	62-136

Field ID: SB-17@3 1/2-4  
Type: SAMPLE

Lab ID: 244605-018

Analyte	Result	RL
Diesel C10-C24	8.4 Y	0.99
Motor Oil C24-C36	27	5.0

Surrogate	%REC	Limits
o-Terphenyl	98	62-136

Type: BLANK

Lab ID: QC684800

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	98	62-136

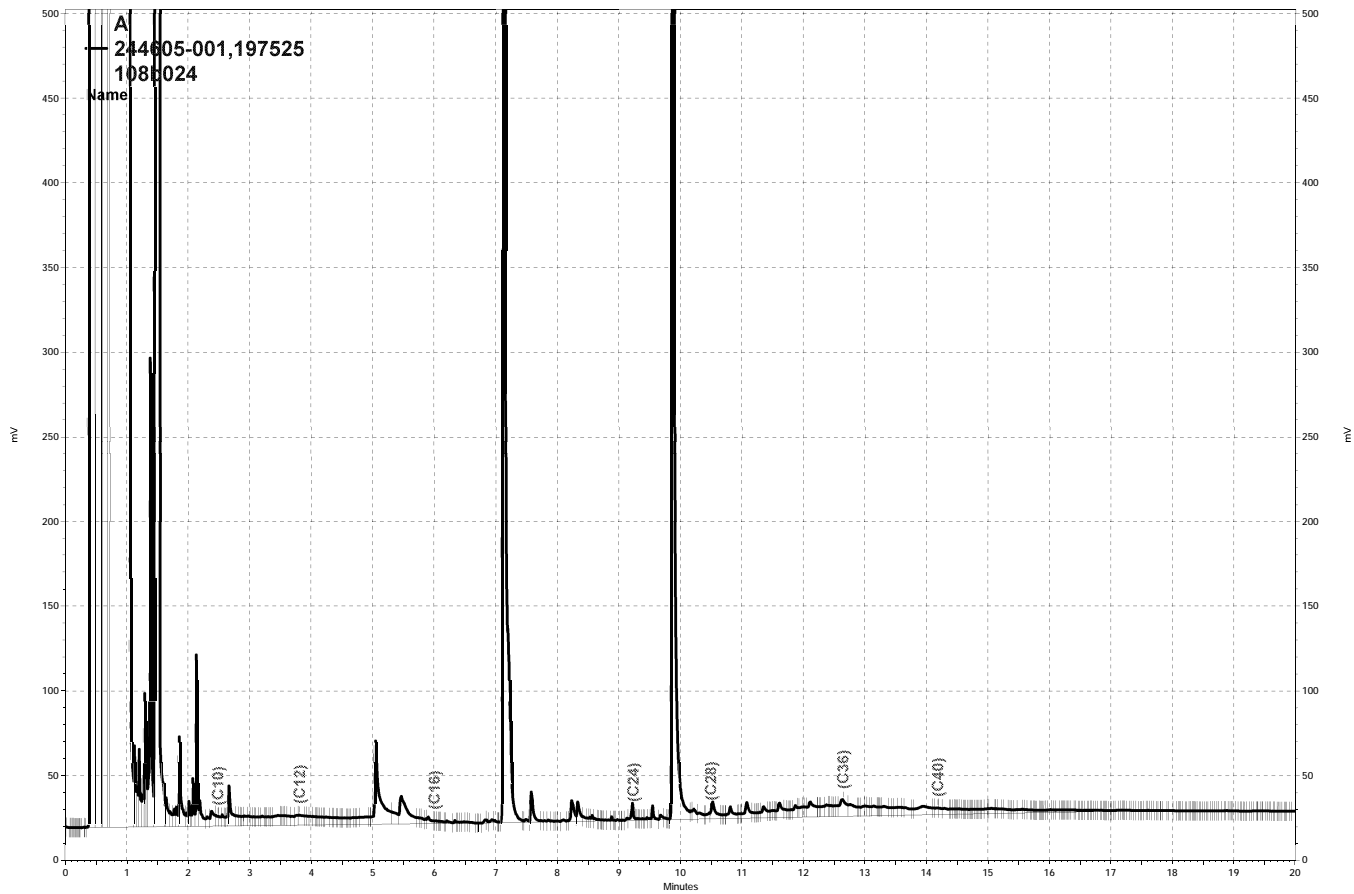
Y= Sample exhibits chromatographic pattern which does not resemble standard  
 ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

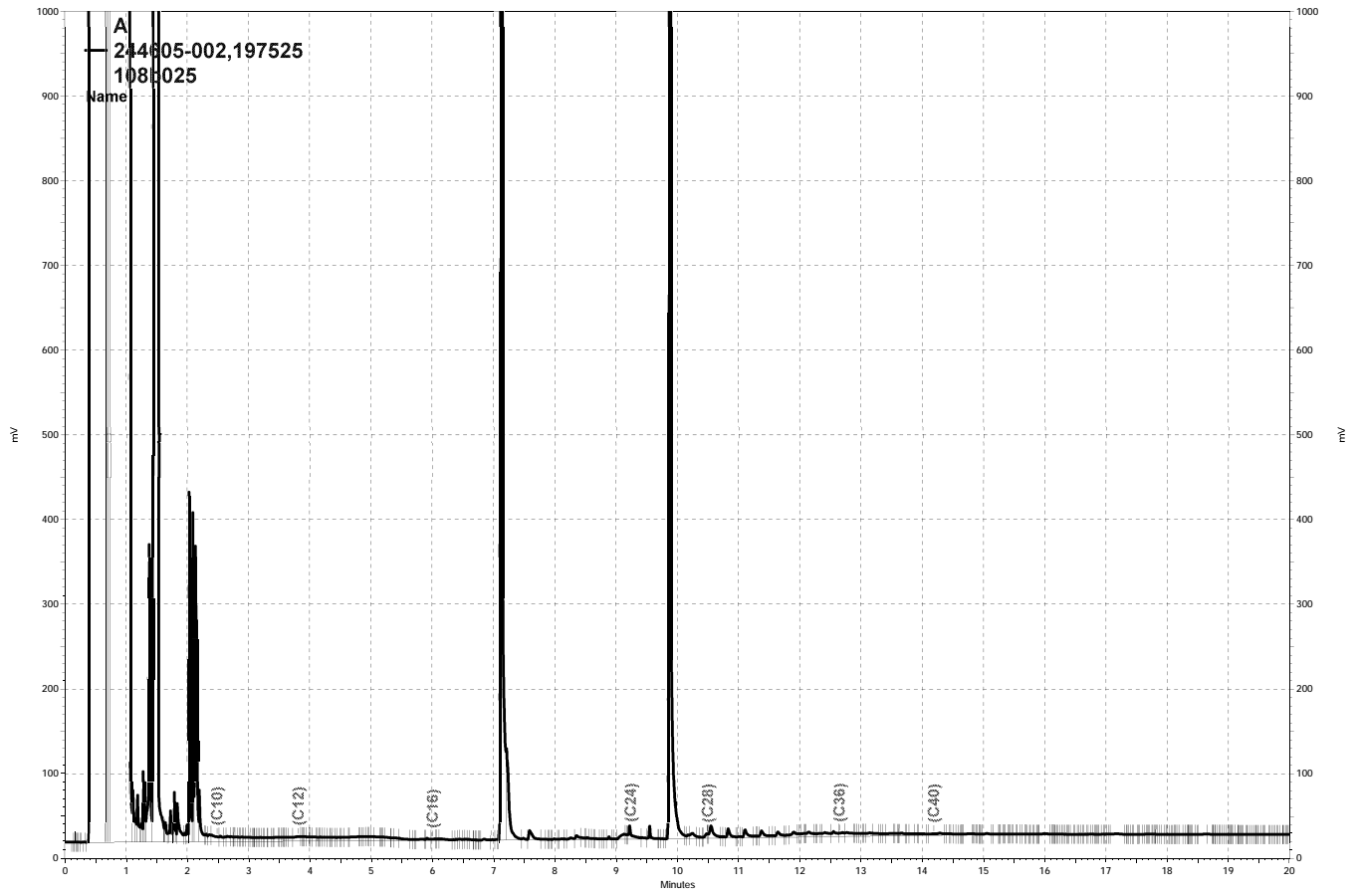
Total Extractable Hydrocarbons			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3550B
Project#:	49TH/BROADWAY	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC684801	Batch#:	197525
Matrix:	Soil	Prepared:	04/18/13
Units:	mg/Kg	Analyzed:	04/18/13

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.85	45.51	91	62-130

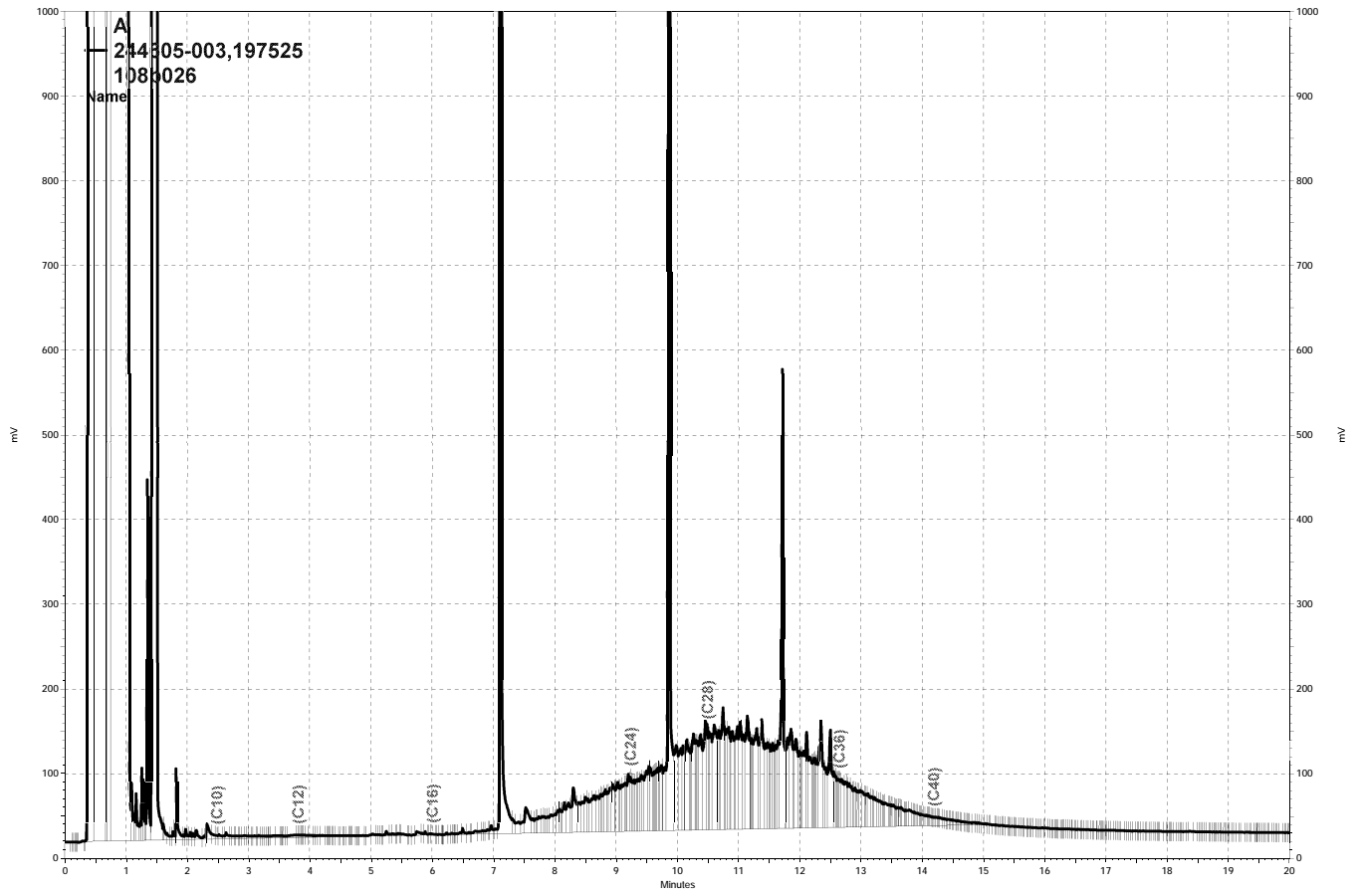
Surrogate	%REC	Limits
o-Terphenyl	97	62-136



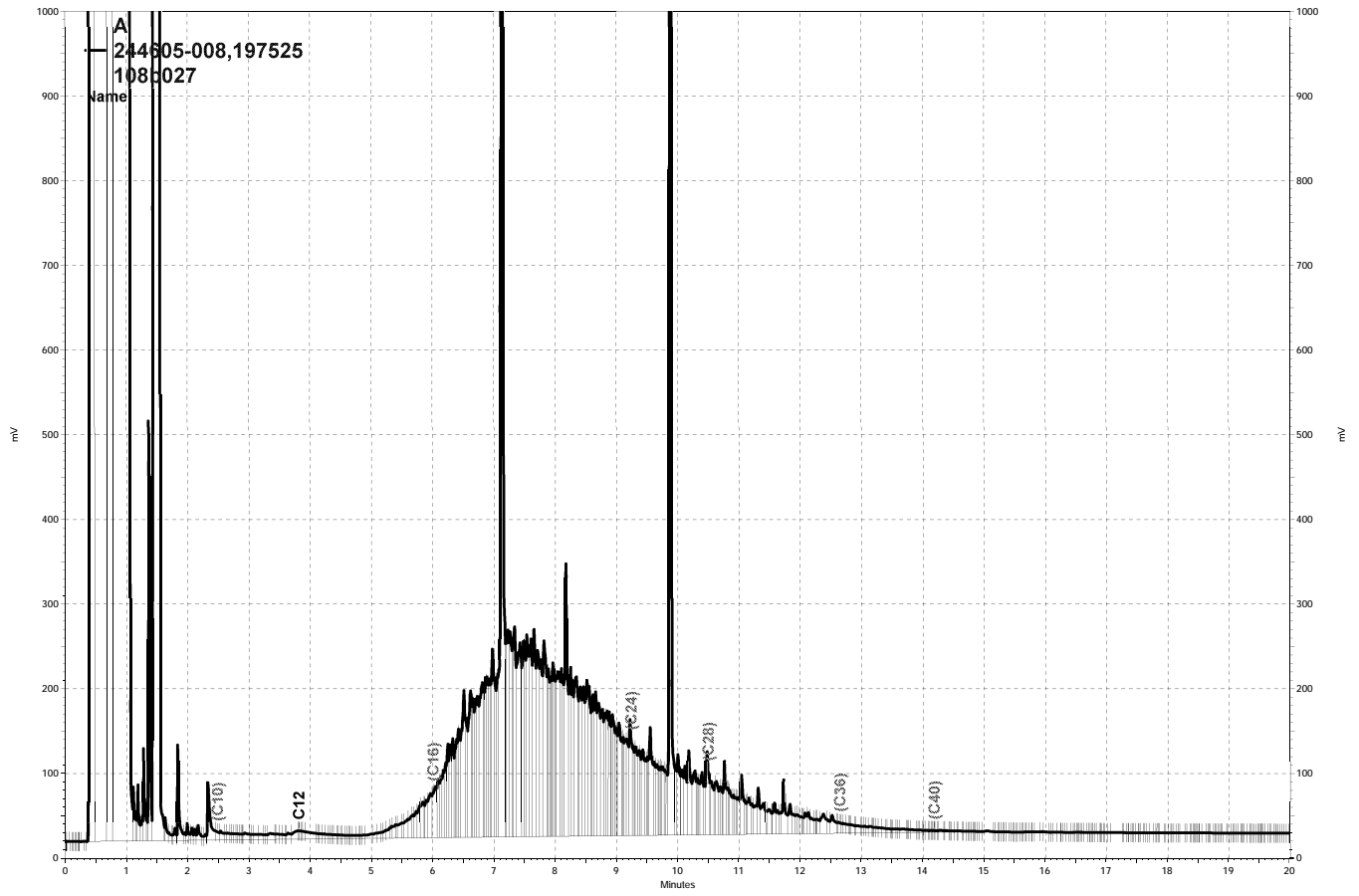
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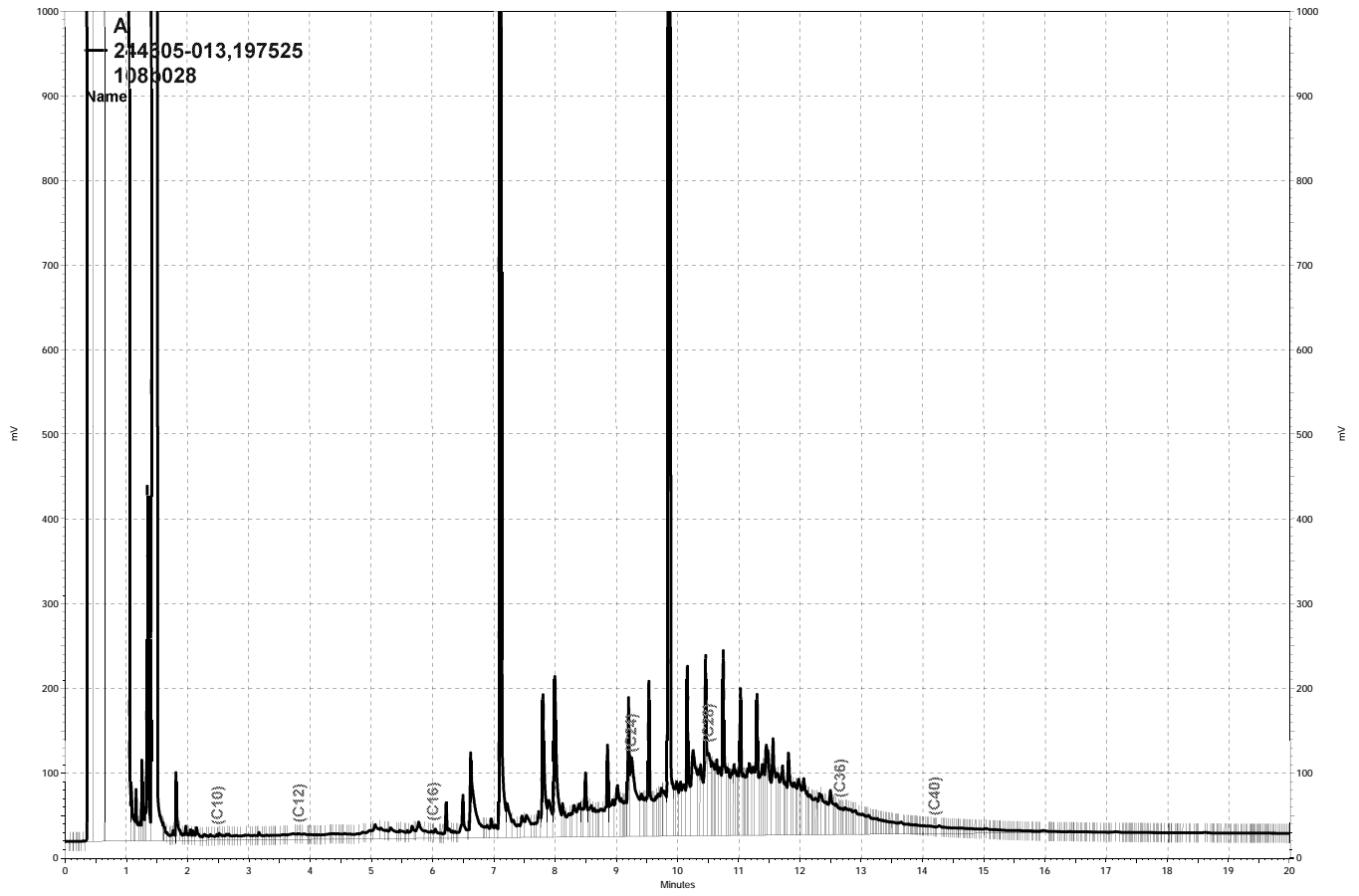


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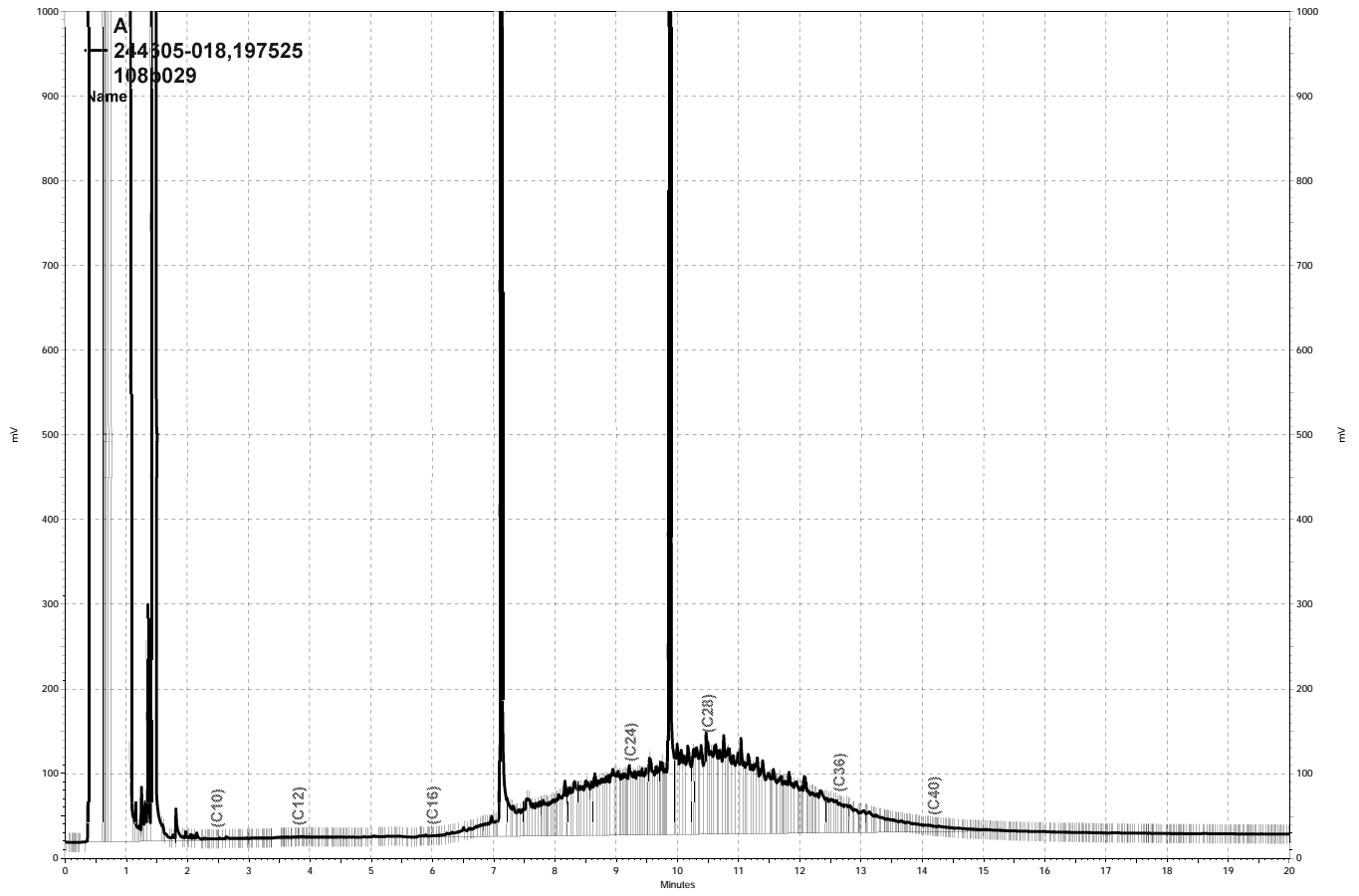


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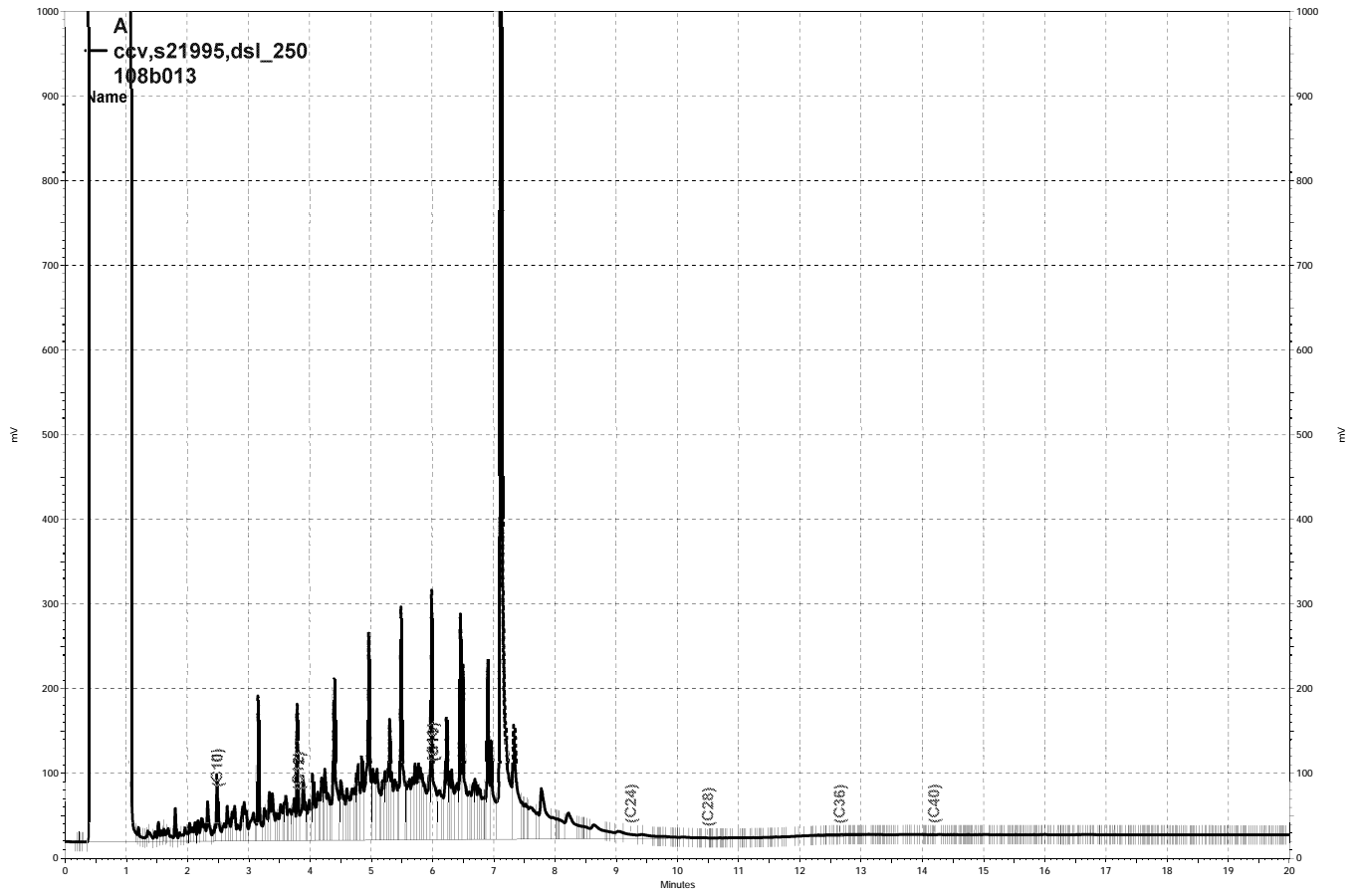




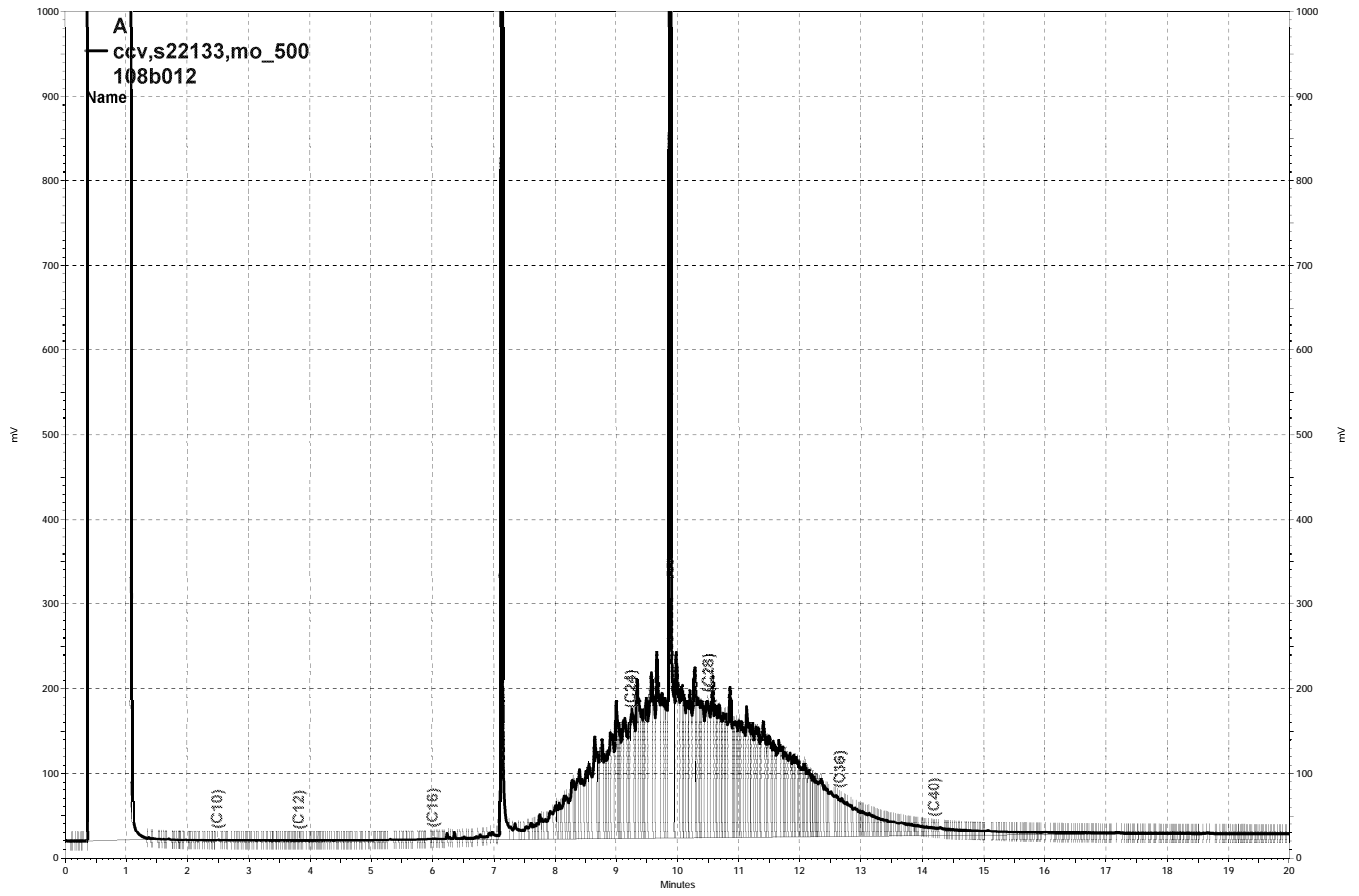
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— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\108b013, A



— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\108b012, A

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-12@17.5-18	Diln Fac:	0.9615
Lab ID:	244605-001	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-12@17.5-18	Diln Fac:	0.9615
Lab ID:	244605-001	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-124
1,2-Dichloroethane-d4	110	80-137
Toluene-d8	112	80-120
Bromofluorobenzene	107	79-127

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-13@15.5-16	Diln Fac:	0.9901
Lab ID:	244605-002	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Freon 12	ND	9.9
Chloromethane	ND	9.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Chloroethane	ND	9.9
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-13@15.5-16	Diln Fac:	0.9901
Lab ID:	244605-002	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-124
1,2-Dichloroethane-d4	111	80-137
Toluene-d8	108	80-120
Bromofluorobenzene	104	79-127

ND= Not Detected  
 RL= Reporting Limit



### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-14@3 1/2-4	Diln Fac:	0.9276
Lab ID:	244605-003	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-14@3 1/2-4	Diln Fac:	0.9276
Lab ID:	244605-003	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-124
1,2-Dichloroethane-d4	111	80-137
Toluene-d8	108	80-120
Bromofluorobenzene	107	79-127

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-15@3.5-4	Diln Fac:	0.9940
Lab ID:	244605-008	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Freon 12	ND	9.9
Chloromethane	ND	9.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Chloroethane	ND	9.9
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-15@3.5-4	Diln Fac:	0.9940
Lab ID:	244605-008	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-124
1,2-Dichloroethane-d4	111	80-137
Toluene-d8	110	80-120
Bromofluorobenzene	105	79-127

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-16@3 1/2-4	Diln Fac:	0.9960
Lab ID:	244605-013	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-16@3 1/2-4	Diln Fac:	0.9960
Lab ID:	244605-013	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-124
1,2-Dichloroethane-d4	109	80-137
Toluene-d8	106	80-120
Bromofluorobenzene	103	79-127

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-17@3 1/2-4	Diln Fac:	0.9747
Lab ID:	244605-018	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Freon 12	ND	9.7
Chloromethane	ND	9.7
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Chloroethane	ND	9.7
Trichlorofluoromethane	ND	4.9
Acetone	ND	19
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

### Purgeable Organics by GC/MS

Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Field ID:	SB-17@3 1/2-4	Diln Fac:	0.9747
Lab ID:	244605-018	Batch#:	197476
Matrix:	Soil	Sampled:	04/15/13
Units:	ug/Kg	Received:	04/16/13
Basis:	as received	Analyzed:	04/17/13

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-124
1,2-Dichloroethane-d4	114	80-137
Toluene-d8	107	80-120
Bromofluorobenzene	107	79-127

ND= Not Detected  
 RL= Reporting Limit



**Batch QC Report**

<b>Purgeable Organics by GC/MS</b>			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC684597	Batch#:	197476
Matrix:	Soil	Analyzed:	04/17/13
Units:	ug/Kg		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

## Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC684597	Batch#:	197476
Matrix:	Soil	Analyzed:	04/17/13
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-124
1,2-Dichloroethane-d4	103	80-137
Toluene-d8	108	80-120
Bromofluorobenzene	109	79-127

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

Purgeable Organics by GC/MS			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 5030B
Project#:	49TH/BROADWAY	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	197476
Units:	ug/Kg	Analyzed:	04/17/13
Diln Fac:	1.000		

Type: BS Lab ID: QC684598

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	22.10	110	67-132
Benzene	20.00	22.76	114	77-126
Trichloroethene	20.00	19.47	97	76-127
Toluene	20.00	23.44	117	76-124
Chlorobenzene	20.00	20.35	102	76-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-124
1,2-Dichloroethane-d4	99	80-137
Toluene-d8	111	80-120
Bromofluorobenzene	109	79-127

Type: BSD Lab ID: QC684599

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	20.00	24.18	121	67-132	9	27
Benzene	20.00	21.65	108	77-126	5	20
Trichloroethene	20.00	19.31	97	76-127	1	22
Toluene	20.00	22.63	113	76-124	4	26
Chlorobenzene	20.00	19.62	98	76-120	4	21

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-124
1,2-Dichloroethane-d4	98	80-137
Toluene-d8	109	80-120
Bromofluorobenzene	107	79-127

RPD= Relative Percent Difference

**California Title 22 Metals**

Lab #:	244605	Project#:	49TH/BROADWAY
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-14@3 1/2-4	Diln Fac:	1.000
Lab ID:	244605-003	Sampled:	04/15/13
Matrix:	Soil	Received:	04/16/13
Units:	mg/Kg	Analyzed:	04/18/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.46	197505	04/17/13	EPA 3050B	EPA 6010B
Arsenic	2.5	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Barium	130	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Beryllium	0.45	0.093	197505	04/17/13	EPA 3050B	EPA 6010B
Cadmium	0.37	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Chromium	17	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Cobalt	5.1	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Copper	11	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Lead	9.2	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Mercury	0.060	0.016	197522	04/18/13	METHOD	EPA 7471A
Molybdenum	0.28	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Nickel	21	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Selenium	0.65	0.46	197505	04/17/13	EPA 3050B	EPA 6010B
Silver	0.45	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Thallium	ND	0.46	197505	04/17/13	EPA 3050B	EPA 6010B
Vanadium	20	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Zinc	32	0.93	197505	04/17/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	244605	Project#:	49TH/BROADWAY
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-15@3.5-4	Diln Fac:	1.000
Lab ID:	244605-008	Sampled:	04/15/13
Matrix:	Soil	Received:	04/16/13
Units:	mg/Kg	Analyzed:	04/18/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.49	197505	04/17/13	EPA 3050B	EPA 6010B
Arsenic	2.1	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Barium	160	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Beryllium	0.44	0.098	197505	04/17/13	EPA 3050B	EPA 6010B
Cadmium	0.26	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Chromium	33	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Cobalt	9.8	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Copper	11	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Lead	18	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Mercury	0.11	0.018	197522	04/18/13	METHOD	EPA 7471A
Molybdenum	ND	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Nickel	57	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Selenium	0.61	0.49	197505	04/17/13	EPA 3050B	EPA 6010B
Silver	ND	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Thallium	ND	0.49	197505	04/17/13	EPA 3050B	EPA 6010B
Vanadium	29	0.25	197505	04/17/13	EPA 3050B	EPA 6010B
Zinc	26	0.98	197505	04/17/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	244605	Project#:	49TH/BROADWAY
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-16@3 1/2-4	Diln Fac:	1.000
Lab ID:	244605-013	Sampled:	04/15/13
Matrix:	Soil	Received:	04/16/13
Units:	mg/Kg	Analyzed:	04/18/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.45	197505	04/17/13	EPA 3050B	EPA 6010B
Arsenic	2.6	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Barium	130	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Beryllium	0.38	0.091	197505	04/17/13	EPA 3050B	EPA 6010B
Cadmium	0.31	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Chromium	32	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Cobalt	13	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Copper	14	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Lead	26	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Mercury	0.12	0.017	197522	04/18/13	METHOD	EPA 7471A
Molybdenum	0.33	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Nickel	36	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Selenium	0.73	0.45	197505	04/17/13	EPA 3050B	EPA 6010B
Silver	0.23	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Thallium	ND	0.45	197505	04/17/13	EPA 3050B	EPA 6010B
Vanadium	28	0.23	197505	04/17/13	EPA 3050B	EPA 6010B
Zinc	35	0.91	197505	04/17/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

**California Title 22 Metals**

Lab #:	244605	Project#:	49TH/BROADWAY
Client:	ERS Corp.	Location:	Broadway / 51St
Field ID:	SB-17@3 1/2-4	Diln Fac:	1.000
Lab ID:	244605-018	Sampled:	04/15/13
Matrix:	Soil	Received:	04/16/13
Units:	mg/Kg	Analyzed:	04/18/13
Basis:	as received		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	0.49	197505	04/17/13	EPA 3050B	EPA 6010B
Arsenic	3.2	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Barium	72	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Beryllium	0.43	0.097	197505	04/17/13	EPA 3050B	EPA 6010B
Cadmium	0.59	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Chromium	43	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Cobalt	6.1	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Copper	19	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Lead	14	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Mercury	0.49	0.017	197522	04/18/13	METHOD	EPA 7471A
Molybdenum	ND	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Nickel	41	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Selenium	1.1	0.49	197505	04/17/13	EPA 3050B	EPA 6010B
Silver	0.42	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Thallium	ND	0.49	197505	04/17/13	EPA 3050B	EPA 6010B
Vanadium	28	0.24	197505	04/17/13	EPA 3050B	EPA 6010B
Zinc	45	0.97	197505	04/17/13	EPA 3050B	EPA 6010B

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

California Title 22 Metals			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	49TH/BROADWAY	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC684721	Batch#:	197505
Matrix:	Soil	Prepared:	04/17/13
Units:	mg/Kg	Analyzed:	04/18/13

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.25
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	1.3 b	1.0

b= See narrative

ND= Not Detected

RL= Reporting Limit



**Batch QC Report**

California Title 22 Metals			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	49TH/BROADWAY	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	197505
Units:	mg/Kg	Prepared:	04/17/13
Diln Fac:	1.000	Analyzed:	04/18/13

Type: BS Lab ID: QC684722

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	95.11	95	80-120
Arsenic	50.00	48.87	98	80-120
Barium	100.0	97.46	97	80-120
Beryllium	2.500	2.496	100	80-120
Cadmium	10.00	10.03	100	80-120
Chromium	100.0	97.25	97	80-120
Cobalt	25.00	23.99	96	80-120
Copper	12.50	12.03	96	80-120
Lead	100.0	95.14	95	80-120
Molybdenum	20.00	19.60	98	80-120
Nickel	25.00	23.95	96	80-120
Selenium	50.00	48.38	97	80-120
Silver	10.00	9.302	93	80-120
Thallium	50.00	48.38	97	80-120
Vanadium	25.00	24.16	97	80-120
Zinc	25.00	25.52	102	80-120

Type: BSD Lab ID: QC684723

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	95.76	96	80-120	1	20
Arsenic	50.00	49.43	99	80-120	1	20
Barium	100.0	96.34	96	80-120	1	20
Beryllium	2.500	2.495	100	80-120	0	20
Cadmium	10.00	10.18	102	80-120	1	20
Chromium	100.0	97.12	97	80-120	0	20
Cobalt	25.00	24.30	97	80-120	1	20
Copper	12.50	11.96	96	80-120	1	20
Lead	100.0	95.85	96	80-120	1	22
Molybdenum	20.00	19.63	98	80-120	0	20
Nickel	25.00	24.22	97	80-120	1	20
Selenium	50.00	48.67	97	80-120	1	20
Silver	10.00	9.282	93	80-120	0	20
Thallium	50.00	48.89	98	80-120	1	20
Vanadium	25.00	24.14	97	80-120	0	20
Zinc	25.00	25.47	102	80-120	0	20

RPD= Relative Percent Difference

**Batch QC Report**

California Title 22 Metals			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	EPA 3050B
Project#:	49TH/BROADWAY	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	197505
MSS Lab ID:	244598-001	Sampled:	04/15/13
Matrix:	Soil	Received:	04/17/13
Units:	mg/Kg	Prepared:	04/17/13
Basis:	as received	Analyzed:	04/18/13
Diln Fac:	1.000		

Type: MS Lab ID: QC684724

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	0.2838	97.09	33.77	34	8-120
Arsenic	6.894	48.54	50.46	90	71-121
Barium	169.1	97.09	262.9	97	48-133
Beryllium	0.3965	2.427	2.538	88	78-120
Cadmium	0.8173	9.709	8.993	84	69-120
Chromium	63.71	97.09	146.4	85	60-122
Cobalt	14.16	24.27	34.60	84	61-120
Copper	40.62	12.14	56.27	129	44-151
Lead	24.43	97.09	97.85	76	52-120
Molybdenum	0.9816	19.42	16.09	78	67-120
Nickel	93.33	24.27	107.5	58	45-134
Selenium	2.215	48.54	45.70	90	67-120
Silver	0.4976	9.709	9.547	93	66-120
Thallium	<0.1288	48.54	36.84	76	62-120
Vanadium	49.92	24.27	73.52	97	55-137
Zinc	74.36	24.27	93.56	79	38-146

Type: MSD Lab ID: QC684725

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	96.15	34.26	35	8-120	2	29
Arsenic	48.08	50.10	90	71-121	0	34
Barium	96.15	263.3	98	48-133	0	45
Beryllium	2.404	2.588	91	78-120	3	20
Cadmium	9.615	8.943	85	69-120	0	23
Chromium	96.15	150.3	90	60-122	3	34
Cobalt	24.04	32.68	77	61-120	5	37
Copper	12.02	53.12	104	44-151	6	35
Lead	96.15	100.3	79	52-120	3	51
Molybdenum	19.23	16.41	80	67-120	3	20
Nickel	24.04	113.4	84	45-134	6	38
Selenium	48.08	45.34	90	67-120	0	27
Silver	9.615	9.487	93	66-120	0	30
Thallium	48.08	36.92	77	62-120	1	20
Vanadium	24.04	70.41	85	55-137	4	30
Zinc	24.04	92.01	73	38-146	1	36

RPD= Relative Percent Difference

## Batch QC Report

California Title 22 Metals			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	49TH/BROADWAY	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	197522
Lab ID:	QC684783	Prepared:	04/18/13
Matrix:	Soil	Analyzed:	04/18/13
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

California Title 22 Metals			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	49TH/BROADWAY	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	197522
Matrix:	Soil	Prepared:	04/18/13
Units:	mg/Kg	Analyzed:	04/18/13
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC684784	0.2083	0.1991	96	80-120		
BSD	QC684785	0.2083	0.2025	97	80-120	2	20

RPD= Relative Percent Difference

**Batch QC Report**

<b>California Title 22 Metals</b>			
Lab #:	244605	Location:	Broadway / 51St
Client:	ERS Corp.	Prep:	METHOD
Project#:	49TH/BROADWAY	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	SB-14@3 1/2-4	Batch#:	197522
MSS Lab ID:	244605-003	Sampled:	04/15/13
Matrix:	Soil	Received:	04/16/13
Units:	mg/Kg	Prepared:	04/18/13
Basis:	as received	Analyzed:	04/18/13

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC684786	0.06040	0.2193	0.2745	98	72-135		
MSD	QC684787		0.2119	0.2580	93	72-135	3	42

RPD= Relative Percent Difference