FINAL
PHASE II INVESTIGATION
TARGETED BROWNFIELDS ASSESSMENT REPORT

Former Lincoln Heights Jail
401 North Avenue 19
Los Angeles, Los Angeles County, California

Prepared for:
U.S. Environmental Protection Agency
Region 9

EPA Contract Number: EP-S5-13-02
TDD No.: 0006/1302-T6-R9-16-06-0003
Document Control No.: 0113-08-ABTM

February 2018

Prepared by:

Weston Solutions, Inc.
1340 Treat Boulevard, Suite 210
Walnut Creek, CA 94597-7580
(925) 948-2600

FINAL
PHASE II INVESTIGATION
TARGETED BROWNFIELDS ASSESSMENT REPORT

Former Lincoln Heights Jail
401 North Avenue 19
Los Angeles, Los Angeles County, California

EPA Contract Number: EP-S5-13-02
TDD No.: 0006/1302-T6-R9-16-06-0003
Document Control No.: 0113-08-ABTM

Reviewed by: _____ 2/21/2019
Brian Milton, Project Manager — Date
Weston Solutions, Inc.

Approved by: _____ 2/21/2019
Anne Busher, Quality Assurance Coordinator — Date
Weston Solutions, Inc.

Approved by: LISA HANUSIAK Digitally signed by LISA HANUSIAK Date: 2019.08.26 09:10:35 -07'00' _____
Lisa Hanusiak, U.S. EPA Task Monitor — Date
U.S. Environmental Protection Agency, Region 9

TABLE OF CONTENTS

EXECUTIVE SUMMARY ES-1
1. INTRODUCTION 1-1
1.1 PURPOSE 1-1
1.2 SCOPE OF WORK 1-1
1.3 SPECIAL TERMS AND CONDITIONS 1-2
1.4 PERSONNEL PERFORMING TBA 1-2
1.5 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT 1-3
2. PROJECT AREA DESCRIPTION 2-1
3. SITE CONDITIONS 3-1
3.1 HISTORICAL BACKGROUND 3-1
3.1.1 Previous Investigations and Regulatory Involvement 3-1
3.2 PHYSICAL SETTING 3-3
3.2.1 Geology 3-3
3.2.2 Hydrology 3-3
4. PHASE II ASSESSMENT ACTIVITIES 4-4
4.1 GEOPHYSICAL SURVEY 4-6
4.2 BUILDING MATERIAL SAMPLING 4-6
4.2.1 Asbestos Survey 4-7
4.2.2 Lead-Based Paint Survey 4-7
4.2.3 PCBs Survey 4-7
4.3 SOIL SAMPLING 4-7
4.3.1 Surface and Shallow subsurface Soil Sampling 4-8
4.3.2 Subsurface Soil Sampling 4-8
4.4 SUB-SLAB SOIL GAS AND SOIL GAS SAMPLING 4-8
4.5 AMBIENT AIR SAMPLING 4-9
4.6 QUALITY CONTROL SAMPLES 4-9
4.7 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN 4-9
5. PHASE II ASSESSMENT RESULTS 5-10
5.1 GEOPHYSICAL SURVEY RESULTS 5-11
5.2 BUILDING MATERIAL SAMPLING RESULTS 5-11
5.2.1 Asbestos Results in Building Materials 5-12
5.2.2 Lead Results in Building Materials 5-17
5.2.3 PCB Results in Building Materials 5-25
5.3 SOIL SAMPLING RESULTS 5-26
5.3.1 Metals Results in Surface and Shallow-subsurface Soil Sampling Results 5-26
5.3.2 Subsurface Soil Sampling Results 5-27
5.3.3 Volatile Organic Compound Results in Surface and Shallow Subsurface Soil Samples 5-28
5.3.4 Volatile Organic Compound Results in Subsurface Soil Samples 5-28
5.3.5 Total Petroleum Hydrocarbon Results in Surface and Shallow Subsurface Soil Samples 5-28
5.3.6 Total Petroleum Hydrocarbon Results in Subsurface Soil Samples 5-29
5.3.7 Polycyclic Aromatic Hydrocarbons in Surface and Shallow Subsurface Soil Samples 5-29

TABLE OF CONTENTS (CONTINUED)

5.3.8 Polychlorinated Biphenyls in Surface and Shallow Subsurface Soil Samples 5-29
5.3.9 Tentatively Identified Compounds in Surface and Shallow Subsurface Soil Samples 5-29
5.4 SUB-SLAB SOIL GAS AND SOIL GAS SAMPLING RESULTS 5-29
5.5 AMBIENT AIR SAMPLING RESULTS 5-32
5.6 WASTE CHARACTERIZATION SAMPLES 5-33
5.7 EQUIPMENT BLANK RESULTS 5-34
6. VAPOR ENCROACHMENT SCREENING 6-1
6.1 TIER 1 SEARCH DISTANCE TEST 6-1
6.2 TIER 1 CHEMICAL OF CONCERN TEST 6-2
6.3 TIER 1 CRITICAL DISTANCE TEST 6-2
6.4 TIER 2 EVALUATION OF SOIL GAS DATA 6-2
6.5 VAPOR ENCROACHMENT CONDITION SCREENING CONCLUSIONS 6-3
7. EXCEPTIONS, DELETIONS, AND DATA GAPS 7-1
8. CONCLUSIONS, OPINIONS AND RECOMMENDATIONS 8-1
8.1 CONCLUSIONS 8-1
8.2 CONCEPTUAL SITE MODEL 8-2
8.3 RECOMMENDATIONS 8-4
8.4 ENVIRONMENTAL PROFESSIONAL STATEMENT 8-5
9. DISCLAIMERS 9-1
10. QUALIFICATIONS 10-1
11. REFERENCES 11-1

LIST OF FIGURES

Figure ES-1 Site Location Map

Figure ES-2 Site Summary Map

Figure ES-3 Shallow and Shallow Surface Soil Sample Results - Exceedances of Screening Levels

Figure ES-4 Subsurface Soil Samples Results – Exceedances of Screening Levels

Figure ES-5 Sub-Slab Soil Gas and Soil Gas Results - Exceedances of Screening Levels

Figure ES-6 Ambient Air Sample Results – Exceedances of Screening Levels

Figure 1 Site Location Map

Figure 2 Site Layout Map

Figure 3 Soil Sample Location Map

Figure 4 Air and Soil Gas Sample Location Map

Figure 5 Shallow and Shallow Surface Soil Sample Results - Exceedances of Screening Levels

Figure 6 Subsurface Soil Samples Results – Exceedances of Screening Levels

Figure 7 Conceptual Site Model

LIST OF TABLES

Table 1	Summary of Metals Analytical Data - Surface and Shallow Subsurface Soil Samples
Table 2	Summary of Metals Analytical Data - Subsurface Soil Samples
Table 3	Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Table 4	Summary of Volatile Organic Compounds Analytical Data - Subsurface Soil Samples
Table 5	Summary of Total Petroleum Hydrocarbons Analytical Data - Surface and Shallow Subsurface Soil Samples
Table 6	Summary of Total Petroleum Hydrocarbons Analytical Data - Subsurface Soil Samples
Table 7	Summary of PAHs Analytical Data - Surface and Shallow Subsurface Soil Samples
Table 8	Summary of PCBs Analytical Data - Surface and Shallow Subsurface Soil Samples
Table 9	Summary of Toxaphene and DDE Analytical Data - Surface and Shallow Subsurface Soils
Table 10	Summary of VOCs Analytical Data - Sub-Slab Soil Vapor Samples
Table 11	Summary of Volatile Organic Compounds Analytical Data - Soil Gas Samples
Table 12	Summary of VOCs Analytical Data - Ambient Air Samples
Table 13	Summary of Methyl Bromide and Chloropicrin - Ambient Air Samples
Table 14	Summary of TCLP/STLC Analytical Data - Soil Samples

LIST OF APPENDICES

Appendix A	Photographic Log
Appendix B	Geophysical Survey Report
Appendix C	Limited Hazardous Building Materials Survey Report
Appendix D	Laboratory Reports and Data Validation Reports

LIST OF ABBREVIATIONS AND ACRONYMS

%	percent
ABCA	Analysis of Brownfields Cleanup Alternatives
ACGIH	American Conference of Governmental Industrial Hygienists
ACM	asbestos-containing material
AHERA	Asbestos Hazard Emergency Response Act
AOC	analyte of concern
Applicant	Los Angeles Neighborhood Initiative
ASTM	ASTM International
bgs	below ground surface
CAM	California Administrative Manual
CFC	chlorofluorocarbon
CFR	Code of Federal Regulations
CSC	Clark Seif Clark Inc.
CSM	Conceptual Site Model
DDE	Dichlorodiphenyldichloroethylene
DTSC	Department of Toxic Substances Control
DTSC-SL	Department of Toxic Substances Control Screening Level
ENCORP	ENCORP, Inc.
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
ESL	Environmental Screening Level
ft	foot
ft^2	square foot
GPR	ground penetrating radar
GPS	Global Positioning System
HUD	U.S. Department of Housing and Urban Development
IE	Integrity Environmental Consultants, Inc.
LBP	lead-based paint
LADOT	Los Angeles Department of Transportation
LCSC	lead-containing surface coatings
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NIOSH	National Institute for Occupational Safety and Health
ND	Not Detected
OSHA	Occupational Safety and Health Administration
PAH	Polyaromatic Hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PLM	polarized light microscopy
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RSL	Regional Screening Level

RWQCB	Regional Water Quality Control Board
SAP	Sampling and Analysis Plan
Site	parcel on North Avenue 19
STLC	Soluble Threshold Limit Concentration
SVOC	semivolatile organic compound
SWRCB	California State Water Resources Control Board
TBA	Targeted Brownfields Assessment
TCLP	Toxicity Characteristic Leaching Procedure
TICs	tentatively identified compounds
TPH	total petroleum hydrocarbon
TPH-d	total petroleum hydrocarbon as diesel
TPH-g	total petroleum hydrocarbon as gasoline
TPH-mo	total petroleum hydrocarbon as motor oil
TSCA	Toxic Substance Control Act
TWA	time-weighted average
µg/kg	microgram per kilogram
$\mu g/m^3$	microgram per cubic meter
ULS	Underground Location Services Corporation
UST	underground storage tank
VEC	vapor encroachment condition
VISL	Vapor Intrusion Screening Level
VOC	volatile organic compound
WESTON®	Weston Solutions, Inc.
WET	California Waste Extraction Test

EXECUTIVE SUMMARY

This report presents the results of a Targeted Brownfields Assessment (TBA) consisting of a Phase II Environmental Site Assessment (ESA) for the Los Angeles Neighborhood Initiative (Applicant) at a parcel located on the west side of North Avenue 19, approximately 350 feet northwest of Humboldt Street in the Lincoln Heights neighborhood in Los Angeles, California (hereafter referred to as the Site). The Site location is shown on Figure ES-1. This TBA was conducted to characterize conditions at the Site because it is being considered for redevelopment as a public facility offering food services, hospitality, entertainment, a music venue, residency, and green space.

FINDINGS

The Site is composed of an approximately 4.8-acre triangular shaped parcel (Figure ES-2) that contains three City-owned structures. The structure in the central portion of the Site is a 5-story 229,120-square-foot building (formerly Lincoln Heights Jail) that is currently unoccupied. The two single-story structures on the southern portion of the Site are approximately 7,300 and 11,800 square feet in size and have been occupied by the City of Los Angeles Department of Transportation (LADOT) for the last 20 years. Both are well maintained and appear to be in fair to good condition.

The Phase II ESA included a geophysical survey; a hazardous building materials survey; and soil, ambient air, soil gas, and sub-slab soil gas sampling to identify recognized environmental concerns associated with the past use of the Site and surrounding properties. Contaminants detected at concentrations that exceeded a screening level are shown on Figures ES-3 through ES-6. The following is a summary of the Phase II results:

- The presence of lead, cadmium, and total petroleum hydrocarbons as gasoline (TPH-g) in surface and shallow subsurface soil samples located throughout the Site footprint is most likely related to past operational practices onsite. Spills, leaks, and drips from these operations appear to have contaminated the shallow subsurface soils with concentrations that, in some cases, exceed screening levels for residential exposure scenarios. The concentrations, however, are generally less than the screening levels for commercial/industrial scenarios, with the exception of the lead concentration in sample SS-06-0, which is present above the Department of Toxic Substances Control Screening Level (DTSC-SL) for industrial soil.

- The hazardous building material survey documented that asbestos-containing materials (ACM) and lead-based paint (LBP) are present in the former jail building as well as the office building. Polychlorinated biphenyls (PCBs) are present in building materials above the screening level within the former jailhouse building. Accumulated pigeon droppings, dead fowl, human waste, and loose friable asbestos are located throughout the building and may be an immediate health hazard upon entry. At least one “Exit” sign that may contain radioactive tritium was present in the jail building. Several bottled pressurized gases, including some that may contain regulated chlorofluorocarbons (CFCs), are also present.

- One or more sub-slab soil gas samples contained benzene, carbon tetrachloride, methylene chloride, and tetrachloroethene (PCE) at concentrations exceeding the DTSC-SL for residential sub-slab soil gas.

- One or more soil gas samples collected on site contained benzene, 1,1-dichlorethane, and PCE at concentrations above DTSC-SLs. Ambient air samples contained benzene, carbon tetrachloride, chloroform, and methylene chloride above one or more screening levels. However, these constituents are typical in urban areas and were also detected in the ambient air sample collected in an outdoor area away from the buildings at the Site. No conclusions can be reached as to whether they are emitting from soil or chemicals at the Site.

- At least one underground storage tank (UST) and numerous other underground structures (utility vaults) and utilities are present in the rear of the jail building.

- Three large transformers are present in the front of the jail building. Although they could not be examined closely due to safety concerns, based on their age and size they may contain a significant amount of PCBs.

- Although they were not analytes targeted by the methods used in the Phase II soil sampling work, and, therefore, cannot be definitively identified, the organochlorine pesticides toxaphene and or dichlorodiphenyldichloroethylene (DDE) were reported as tentatively identified compounds (TICs) in three of four surface and shallow subsurface soil samples collected from the front of the jail building. The estimated concentration of toxaphene in surface sample SS-06-0 exceeded both its commercial and residential screening level.

RECOMMENDATIONS

Soil gas and indoor air samples collected at the site indicate volatile organic compounds (VOCs) may be present in indoor air at concentrations that currently exceed risk-based screening levels for a residential exposure.

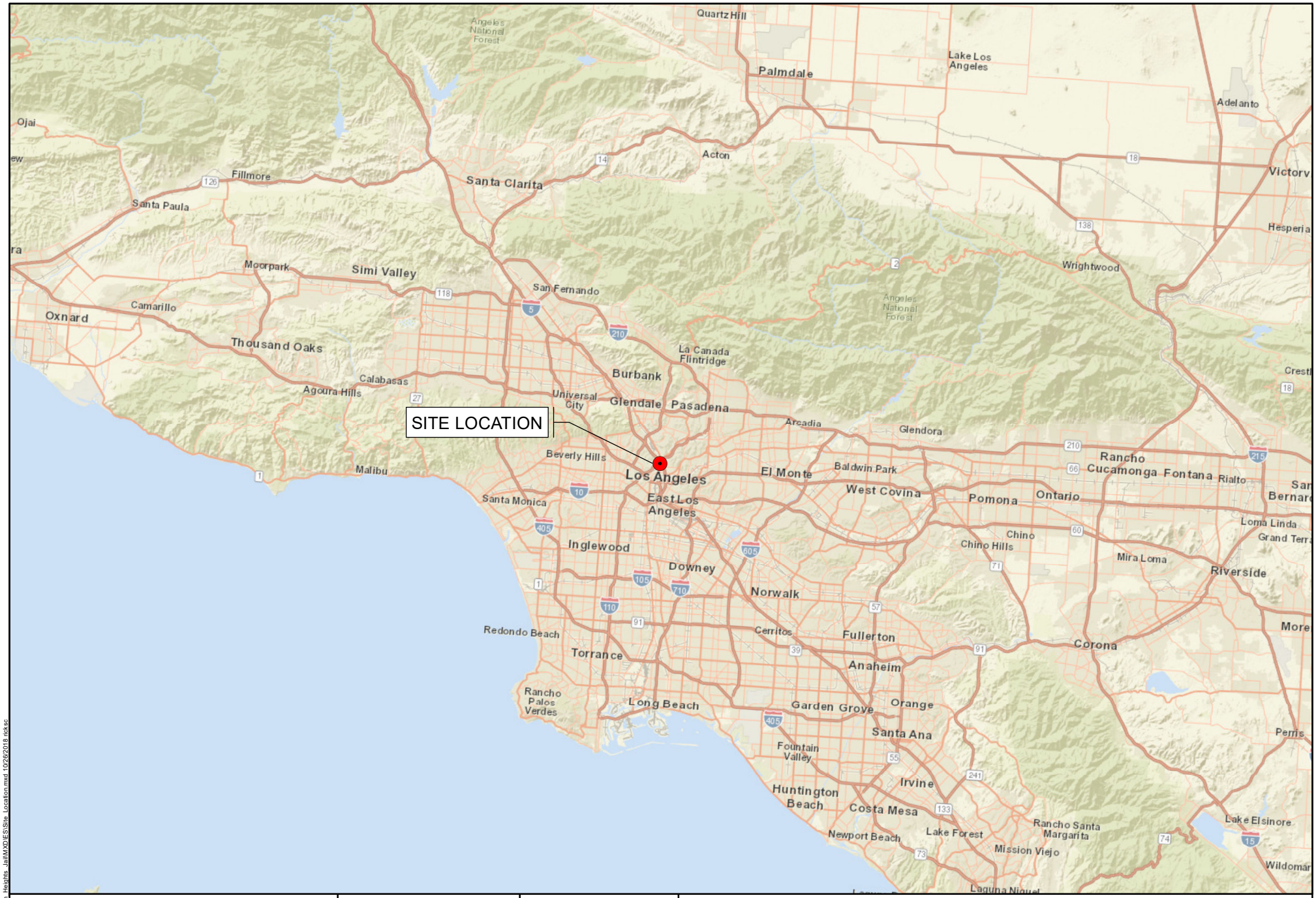
The lateral and vertical extent of VOCs in soil gas is considered a data gap. Additional subsurface soil and soil vapor sampling is recommended to laterally and vertically characterize identified volatile organic compound VOC impacts in subsurface soil gas at the site. Further, if soil gas sampling is performed, it is recommended that soil samples be collected at 5-foot intervals to a depth of 30 to 45 feet bgs for VOC analysis and placed on hold pending the results of the soil vapor sampling results.

Surface and shallow subsurface soils that contain lead, cadmium, TPH-g, and possibly the organochlorine pesticides toxaphene and DDE at concentrations that exceed Site screening levels may require removal or capping to prevent exposure or release, thus mitigating potential impacts to human health if the Site is used as a residence. Additionally, if soils are excavated for off-site disposal, preliminary solubility testing using the California Waste Extraction Test (WET) test indicates that shallow soils would likely require disposal as hazardous wastes. Additional waste disposal testing is recommended if soils are excavated for off-site disposal.

Building materials containing ACM, LBP, and PCBs will require proper abatement prior to any building renovation/demolition activities. Loose ACM exposed during vandalism of the former jail building will require abatement prior to other remedial or investigative activities within the building. Additionally, pigeon and human waste should be removed from the former jail building prior to any remedial or investigative activities within the building. Additional sampling may be required to identify other building materials that contain ACM, PCBs, and or LBPs. These materials should be removed and properly disposed of by a qualified contractor if/when the building is renovated for reuse or demolished. Until the materials are removed or otherwise abated, contaminated building materials in the LADOT buildings should be inspected on a regular basis to ensure that they are not chipping, flaking, disintegrating, or otherwise becoming friable or more mobile. The jail building should be sealed or periodic ambient outdoor air testing for asbestos should be performed to ensure contaminants are not migrating from the building.

The USTs and surrounding soil may be an ongoing source of the VOCs detected in soil and soil gas samples collected from the Site. The UST or USTs present in the rear of the jail building should be emptied and removed, along with any grossly contaminated soil around them. The removal of any remaining hazardous materials is recommended to reduce the risk of an accidental exposure or release.

An Analysis of Brownfields Cleanup Alternatives (ABCA) should be prepared to evaluate cleanup alternatives required to address abatement of lead, cadmium, TPH-g and possibly organochlorine pesticides reported above screening levels in surface soil, VOCs in soil vapor and air, and ACM/LBP/PCBs in applicable buildings.



0 Miles 20

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure ES-1
SITE LOCATION MAP
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\ES\Site_Location.mxd 10/26/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

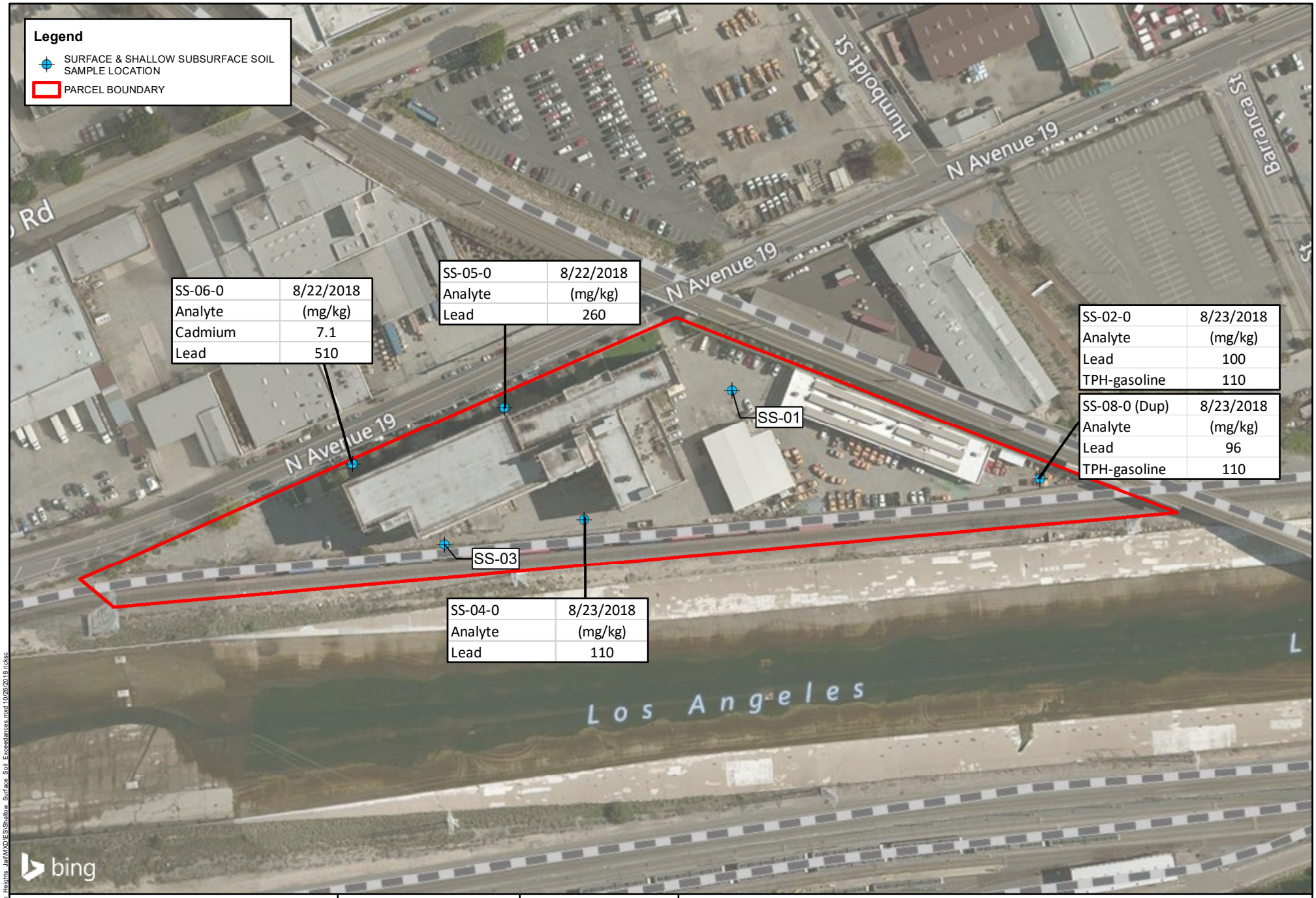
PREPARED FOR:
EPA Region 9
Brownfields Program

Figure ES-2
SITE SUMMARY MAP
Los Angeles - Former Lincoln Heights Jail
Targeted Brownfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\ESI\Site_Layout_zoom.mxd 11/8/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM



0 Feet 300

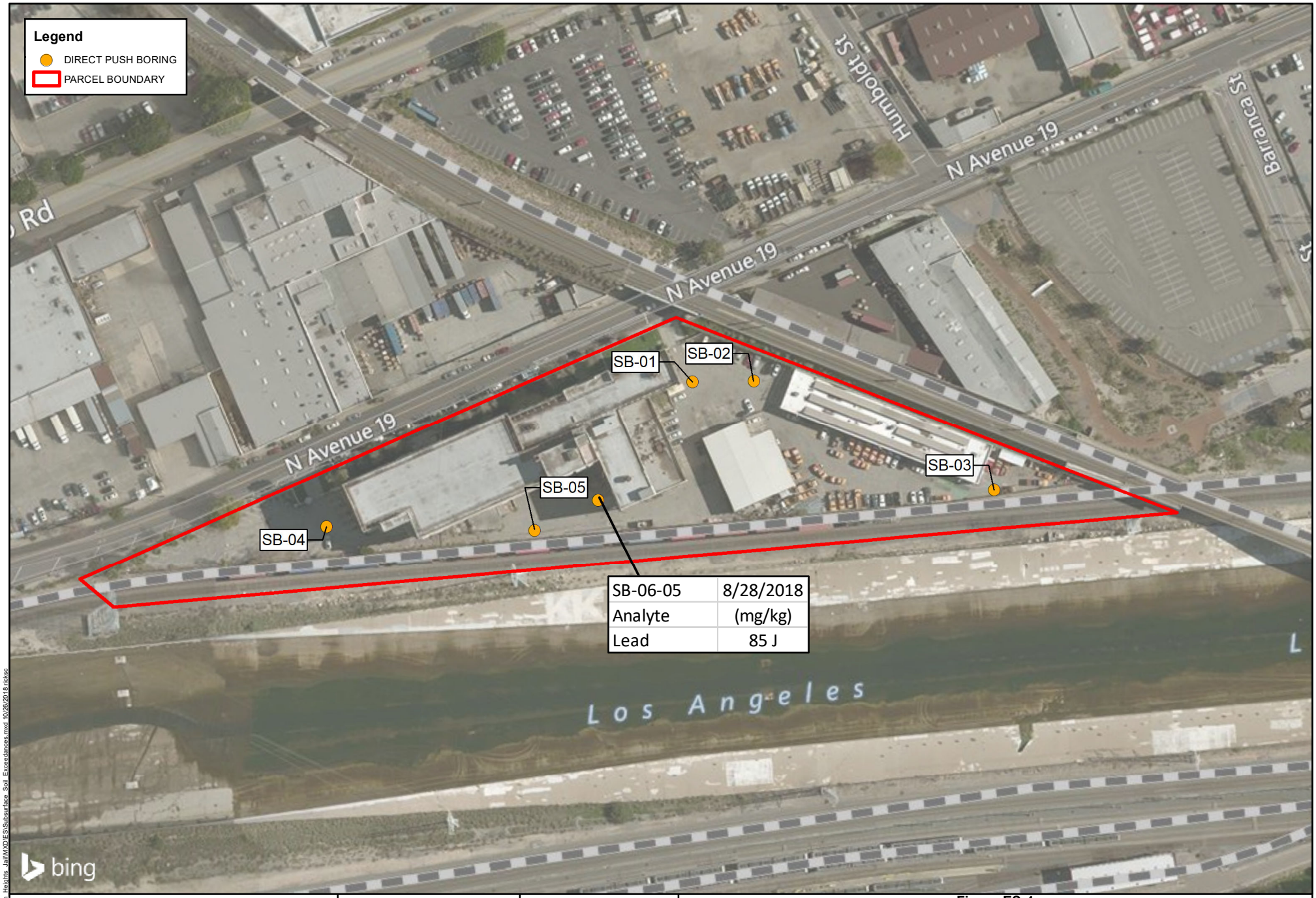
PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure ES-3
SHALLOW AND SHALLOW SURFACE
SOIL SAMPLE RESULTS-EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\ES\Shallow_Surface_Soil_Exceedances.mxd 10/26/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003
Document Control Numberr: 0113-08-ABTM



0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

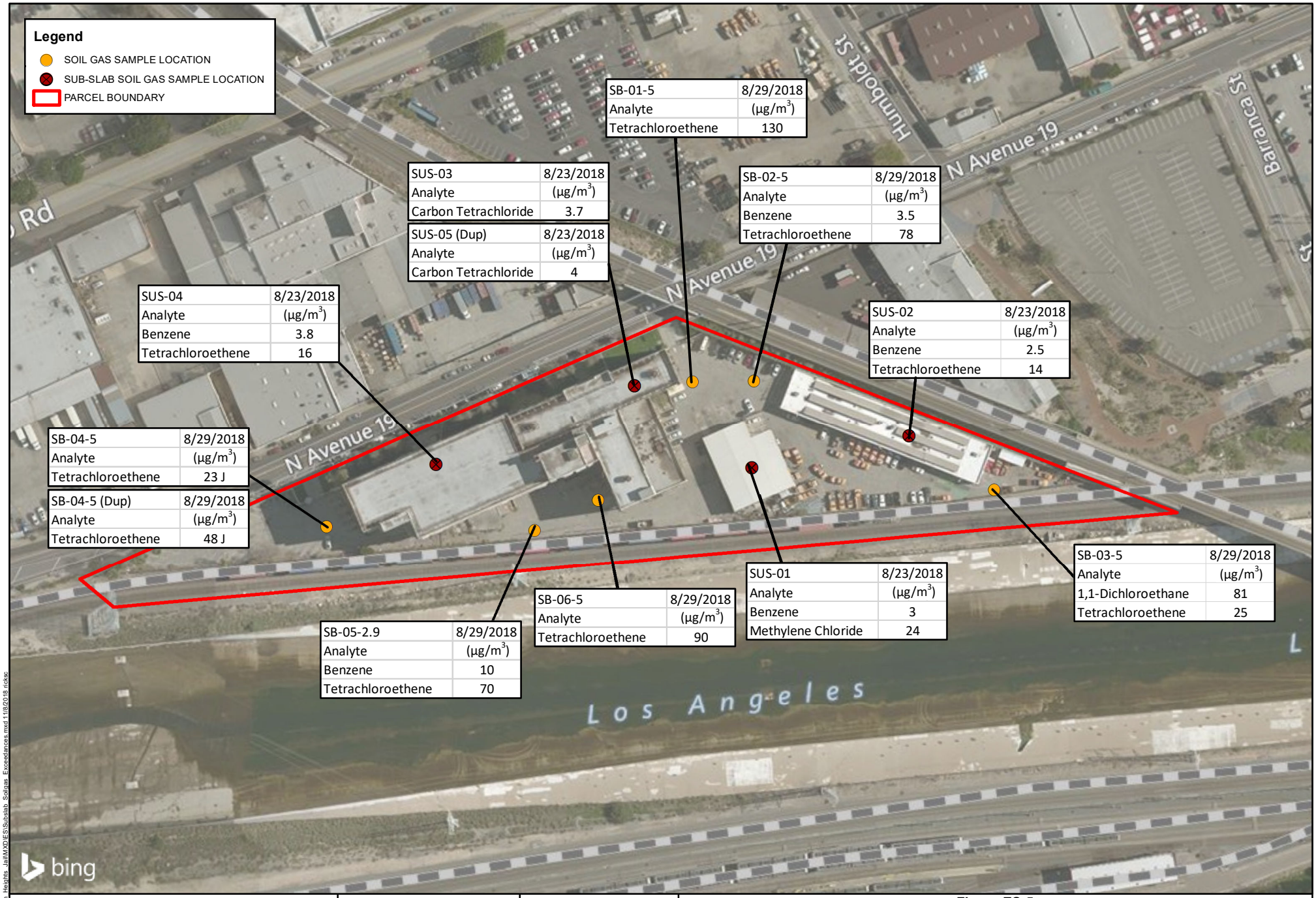
PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure ES-4
SUBSURFACE SOIL SAMPLE RESULTS-
EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\ESI\Subsurface_Soil_Exceedances.mxd 10/26/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM



0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure ES-5
SUB-SLAB SOIL GAS AND SOIL GAS RESULTS-
EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\ESI\Subslab_Soilgas_Exceedances.mxd 11/8/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure ES-6
AMBIENT AIR SAMPLE RESULTS-EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\ES\Ambient_Air_Exceedances.mxd 11/8/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

1. INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 9 tasked Weston Solutions, Inc. (WESTON®) under Contract Number EP-S5-13-02 to conduct a Targeted Brownfields Assessment (TBA) for the Los Angeles Neighborhood Initiative (Applicant) of one parcel located on the west side of North Avenue 19, approximately 350 feet northwest of Humboldt Street in the Lincoln Heights neighborhood in Los Angeles, California, (hereafter referred to as the Site) (Figure 1). The TBA was conducted to characterize conditions at the Site to evaluate the Site for potential environmental concerns because it is being considered for redevelopment as a public facility offering food services, hospitality, entertainment, a music venue, residency, and green space.

This TBA was conducted in general accordance with the Innocent Landowners, Standards for Conducting All Appropriate Inquiries codified in 40 Code of Federal Regulations (CFR) Part 312; ASTM International (ASTM) ASTM E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process (ASTM, 2011); and project scoping meetings with the stakeholders.

1.1 PURPOSE

The objective of the Phase II TBA is to identify existing or potential environmental liabilities; therefore, this effort does not preclude the potential for future environmental problems. This Phase II TBA, completed in conformance with the ASTM E 1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process (ASTM, 2011), was necessary to confirm the presence, or the likely presence, of a hazardous substance or petroleum product. The ASTM standard specifies the procedures of the scientific method to characterize property conditions in an objective, representative, reproducible, and defensible manner.

The findings of this TBA are limited to areas accessible to WESTON personnel during the Site reconnaissance and subsequent sampling. The TBA was conducted by personnel experienced in recognizing conditions indicative of releases or threatened releases as well as both short- and long-term environmental hazards and liabilities.

1.2 SCOPE OF WORK

The scope of work for the TBA includes the following tasks:

- Review previous assessments, if any, for the Site and surrounding properties to assist with identifying recognized environmental conditions (RECs) and to provide a more detailed understanding of the area.
- Review selected county and state environmental web pages (California Department of Toxic Substances Control [DTSC] and State of California Water Resources Control Board [SWRCB]) for information regarding the current and historical Site uses and request additional information regarding the Site, if necessary.

- Review current and historical aerial photographs and topographic maps for additional details related to Site history and uses.
- Perform a Site reconnaissance to observe current conditions.
- Conduct a hazardous building materials survey of the three permanent structures at the Site to determine whether asbestos-containing material (ACM), lead-based paint (LBP), and polychlorinated biphenyls (PCBs) are or may be present in building materials.
- Conduct a geophysical survey to locate areas of density and metallic anomalies in the subsurface that could correlate to Underground Storage Tank (UST) locations and identify underground utilities.
- Conduct soil sampling to determine if areas of impacted soil currently exist at the Site.
- Conduct indoor air, background air, and sub-slab soil gas sampling to determine if soil gas concentrations are a potential human health concern for redevelopment.
- Prepare this TBA Report to summarize the findings and conclusions for the Site assessment and sampling activities in accordance with Phase II ESA requirements.

1.3 SPECIAL TERMS AND CONDITIONS

This document has been prepared by WESTON solely for the use and benefit of EPA and the Applicant. Any use of this document or information herein by persons or entities other than EPA and the Applicant without the express written consent of WESTON will be at the sole risk and liability of said person or entity. WESTON will not be liable to EPA and the Applicant or such persons or entities for any damages resulting therefrom. It is understood that this document may not include all information pertaining to the described Site.

1.4 PERSONNEL PERFORMING TBA

This TBA was completed by the following team of WESTON personnel:

- Brian Milton, Project Manager/Professional Civil Engineer No. 64227 and Certified Hazardous Material Manager No. 15156. Mr. Milton was responsible for the overall performance of all tasks assigned to WESTON by the EPA and working with the EPA Quality Assurance Officer and the Applicant to ensure that the project's quality assurance goals were met. Mr. Milton reviewed this TBA report.
- Jonathan Colomb, Field Manager. Mr. Colomb was responsible for making site observations; implementing the sampling design; collecting, handling, documenting, and transporting samples; and generating field documentation of sampling activities.
- Celeste McCoy, Field Team Member. Ms. McCoy was responsible for implementing the sampling design; collecting, handling, documenting, and transporting samples; and generating field documentation of sampling activities.

- Rod Tobias, Field Team Member. Mr. Tobias was responsible for implementing the sampling design; collecting, handling, documenting, and transporting samples; and generating field documentation of sampling activities.

- Anne Busher, Quality Assurance Manager. Ms. Busher is responsible for the overall quality of the project, including data quality and technical report quality.

1.5 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

ASTM E1903-11 acknowledges that, "No *Phase II ESA* can eliminate all uncertainty. Professional judgment and interpretation are inherent in the process, and even when exercised in accordance with the objective scientific principles, uncertainty is inevitable." Furthermore, the ASTM E1903-11 states that "[t]here is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions."

This TBA Report contains the results of reconnaissance at the Site and surrounding properties on September 25, 2017, sampling activities conducted on April 24, 2018, August 22, 2018 through August 29, 2018, and October 1 and 2, 2018; as well as a review of property, government, and historical records. Information used to complete this TBA was reasonably ascertainable, and visually and physically observable. Any data gaps identified during Phase II ESA activities are discussed in Section 7.

2. PROJECT AREA DESCRIPTION

The Site is located on the west side of North Avenue 19, approximately 350 feet northwest of Humboldt Street in the Lincoln Heights neighborhood in Los Angeles, Los Angeles County, California, and is approximately 4.8 acres (Figure 1). The Site has had historical addresses of 401, 401 ¼, 401 ½, 411, 417, 419, 421, 425, 433, 439, 449, 453, and 461 North Avenue 19. The Site is triangular in shape and contains three City-owned structures. The structure in the central portion of the Site is a 5-story 229,120-square-foot building (formerly Lincoln Heights Jail) that is currently unoccupied. There is ample evidence of vandalism and illegal use of the building. Based on inspections by WESTON personnel in September 2017 and April 2018, almost every room has graffiti in it, and numerous copper pipes and wires have been cut and stolen. Numerous windows are broken, and pigeons and other birds nest in the building. Bird droppings are present in almost all areas of the building and, based on reports by City of LA Department of General Services Employees, one stairwell and an elevator shaft contain accumulated pigeon droppings. Accumulated droppings are known to be a health hazard due to the potential for diseases like cryptococcosis, histoplasmosis, and psittacosis. Pipe wrap that likely contains friable asbestos is strewn throughout the building, especially in the basement. Flaked, chipped, and cracked paint that likely contains lead and/or PCBs is present on all floors.

The structures on the southern portion of the Site are two single-story buildings approximately 7,300 and 11,800 square feet in size that have been occupied for the last 20 years by the Los Angeles Department of Transportation (LADOT). Both buildings are well-maintained and appear to be in good condition. Southern Pacific railroad tracks abut the western portion of the Site, running from north to south. The Site is mainly concrete- and asphalt-paved and has minimal landscaping along North Avenue 19.

The Site is in a mixed industrial, commercial, and residential setting. The Site is bordered on the north by the intersection of North Avenue 19 and adjacent railroad tracks; on the northeast, beyond North Avenue 19, by commercial properties (410, 418, and 440 North Avenue 19), Angelica Healthcare Services Group (451 North San Fernando Road), and warehouse and distribution facility; on the southeast by the Metro Gold Line tracks and Dai Choeng Trading Company (317 North Avenue 19), and a warehouse and distribution facility; on the west by the Los Angeles River; and on the east by a parking lot beyond the intersection of North Avenue 19 and the Metro Gold Line tracks. The current Site layout is presented on Figure 2.

3. SITE CONDITIONS

The physical characteristics of the Site and surrounding areas were evaluated during the Site reconnaissance. Historical documents (including topographic maps and aerial photographs) were reviewed to gather information on the Site. In addition, the Site topography, geology, hydrogeology, soils, flood zones, and presence of waters of the United States were reviewed based on published documents, maps, and Site observations.

3.1 HISTORICAL BACKGROUND

The former Lincoln Heights Jail building is currently vacant but was used as storage and office space by various companies since closure of the former jail in 1965. It is unclear when that occupancy ceased; however, it does not appear to have been legally occupied for at least 10 years. Both single-story buildings on the southern portion of the Site have been occupied by LADOT for the last 20 years. LADOT currently uses the buildings for storage and office space.

3.1.1 Previous Investigations and Regulatory Involvement

According to the Phase I ESA report (AECOM, 2016), some asbestos was removed from the Site in 1999, 2000, 2002, and 2014; however, details of the removals are not included in the report. These reports were not made available to WESTON as part of this TBA.

In 2014, ENCORP, Inc. (ENCORP) completed a Hazardous Waste Inspection Report (ENCORP, 2014) which included a limited asbestos and LBP inspection and a limited Universal Hazardous Waste Rule materials inventory of the former Lincoln Heights Jail, excluding the basement. ACM and LBP were found in building materials of the former jail. In addition, PCBs were suspected of being present in fluorescent light ballasts, elevator hydraulic fluid, and three exterior transformers. Mercury thermostats and switches were also reportedly observed. Although not all areas were surveyed, chlorofluorocarbon (CFC) refrigerants, emergency exit signs, and batteries were also identified as being potentially present in the former jail. WESTON observed bottles of CFC refrigerants in the basement of the building during the site inspection in April 2018. ENCORP recommended that ACM and LBP abatement and proper disposal of PCBs and universal waste be conducted prior to any renovation activities on the former jail. In addition, ENCORP recommended the decontamination of biological hazards (e.g., bird excrement) from interior surfaces of the former jail. ENCORP also observed several former leaking transformers along the sidewalk east of and adjacent to the Site.

In April 2016, due to vandalism and theft of copper piping on the Site, a draft Asbestos Abatement Work Plan was prepared by Integrity Environmental Consultants, Inc. (IE) for the City. In June 2016, IE conducted asbestos abatement in a planned 4,300-square-foot portion of the basement of the former jail. In conjunction with abatement activities, five air samples were collected by National Econ Corporation and analyzed for asbestos by Phase Contrast Microscopy using National Institute for Occupational Safety and Health (NIOSH) 7400 Method. Asbestos was not detected in any of the air samples. Neither a final Asbestos Abatement Work Plan nor a completion report was included in the Phase I ESA report.

In September 2016, AECOM completed a Phase I ESA (AECOM, 2016) of the Site for the City. The Phase I ESA identified the following RECs for the Site:

- Former paint shop, repair operations, and gasoline storage area located on the southern portion of the Site.
- A former 150-gallon and two 10,000-gallon diesel USTs located on the southern portions of the Site are considered a REC because there is no documentation of proper removal, subsurface assessments, remedial actions and/or regulatory agency closure letters.
- Presence of a possible wastewater or greywater clarifier at the Site.
- Several former leaking transformers along the sidewalk east of and adjacent to the Site.
- A suspected dry-cleaning chemicals release from a former dry-cleaning facility east of and across the street from the Site.

In addition, the Phase I ESA identified the following potential business environmental risks for the Site:

- Interior access to the former jail was restricted at the time of AECOM's Site reconnaissance which limited AECOM from identifying any environmental concerns within the former jail. However, the former jail was equipped with at least eight elevators with possible hydraulic fluid containing PCBs, several fuel tanks, fumigating tanks, and the pump room.
- Floor drains and a sump were observed throughout the interior of the single-story building occupied by LADOT. The drains and sumps are not currently used, and the former use and discharge location is unknown.
- Based on the 2014 ENCORP asbestos and LBP inspections, ACM and LBP were identified in building materials at the former jail. ENCORP recommended that proper removal of ACM by a licensed asbestos abatement contractor be performed prior to any renovation activities. In addition, based on the age of the two single-story buildings occupied by LADOT, there is a potential for ACM and LBP to be present.
- The Site is located within an area designated as a Methane Buffer Zone by the City and California Division of Oil, Gas and Geothermal Resources under Ordinance Number 175790, which took effect in March 2004. AECOM recommended that any new construction at the Site be designed and permitted to the requirements established by the City's Department of Building and Safety for sites located within the Methane Buffer Zone.
- Railroad tracks currently transect the western portion of the Site, running from north to south. Because of the historical application of pesticides and other weed control measures, the railroad tracks may pose a potential environmental concern. The railroad tracks are currently in use; thus, no further action was recommended. If this portion of the Site is redeveloped, however, further assessment was recommended.

As part of the current TBA assessment work, WESTON conducted walk through inspections of the jail building in September 2017 and of all three buildings in April 2018. In addition to the RECs described above, two pressurized gas cylinders (of approximately 125- to 150-cubic-foot

capacity) containing a mixture of 99.5 percent (%) methyl bromide and 0.5% chloropicrin were observed in the fumigation area of the laundry room in the basement of the former jail. One of the cylinders was connected to plumbing which appeared to supply four large fumigation units. Although the cylinders were removed in July 2018, it should be verified that the piping associated with those units was flushed of product. Additionally, approximately five 15-pound-capacity bottled CFC refrigerants, approximately 2,000 prepackaged meals, and approximately 100 5-gallon-capacity, partially full to full paint buckets were observed in the basement. It is possible that some of these contain solvents or thinners such as turpentine or mineral spirits, and it is unclear whether some of them are old enough to contain LBP. These materials should be properly disposed prior to performing any demolition activities. Because of the widespread destruction of insulation containing asbestos, almost all areas of the jail building should be assumed to contain loose asbestos.

3.2 PHYSICAL SETTING

Physical characteristics of the Site and surrounding areas, including geology, hydrology, soils, flood zones, and presence of waters of the United States, are discussed below.

3.2.1 Geology

The Site is located in the Los Angeles Basin, a northwest trending alluvial lowland plain. The Los Angeles Basin, sometimes referred to as the coastal plain, is bound to the east by the Santa Ana Mountains, to the west by the Pacific Ocean, to the south by San Joaquin Hills, and to the north by a combination of the Santa Monica Mountains and the Elysian, Repetto, and Puente Hills. The subsurface of the Los Angeles Basin is a structural depression, much of which has been the site of discontinuous deposition since Late Cretaceous time and of continuous subsidence and chiefly marine deposition since middle Miocene time (Yerkes et al., 1965). It is notable for its small size and prolific oil production. The Site is flat and at an elevation of approximately 323 feet above sea level, with regional topography sloping gently to the south-southwest (United States Geological Survey [USGS], 1966).

3.2.2 Hydrology

The Site is located in the Central Subbasin of the Coastal Plain of Los Angeles Basin. The Central Subbasin consists of gravel, sand, silt, and clay deposits from the Quaternary age overlaying basement rocks, such as the Pliocene Pic Formation. The Central Subbasin covers approximately 270 square miles (Water Replenishment District of Southern California [WRD], 2004). Based on regional groundwater data, regional groundwater flow direction is estimated to be towards the southwest; however, local groundwater flow direction is expected to be west-southwest towards the Los Angeles River.

The climate of Los Angeles, CA, is classified as mild with relatively hot, dry summers and cool, wet winters. The average monthly maximum temperature ranges from 67 to 79 degrees Fahrenheit, with the highest monthly maximum temperatures in August. The average monthly minimum temperatures range from 51 to 62 degrees Fahrenheit with the lowest minimum temperatures in January, February and March. Average rainfall is approximately 15 inches per year with February having the highest average precipitation (WRCC, 2008).

4. PHASE II ASSESSMENT ACTIVITIES

The objective of this assessment was to evaluate potential environmental concerns at the Site to facilitate redevelopment. Site information was reviewed to determine historical uses and identify hazardous substances that may be present on the Site. The information and Site history were used to determine the most effective sampling design to meet the project objectives within the schedule and budgetary constraints.

The following potential sources of contamination were identified:

- The existing buildings were built prior to the ban on the use of ACM, PCBs, and LBP in construction materials; thus, hazardous building materials (ACM, PCBs, and LBP) that could be friable may be present. Airborne fallout from leaded gas, paint removal activities conducted on Site structures, and or general wear may all have released lead and LBP to Site soils. PCBs can volatilize and persist in indoor air or coat other surfaces. Methyl bromide and chloropicrin were present in pressurized bottled gas in the laundry area of the jail building.
- Analytes of Concern (AOCs) in soil: total petroleum hydrocarbons (TPH) as diesel (TPH-d), TPH as gasoline (TPH-g), TPH as motor oil (TPH-mo), polycyclic aromatic hydrocarbons (PAHs), PCBs, volatile organic compounds (VOCs), chlorinated pesticides, and California Administrative Manual (CAM) 17 metals. The AOCs, if present at concentrations above screening levels, could pose a health risk via inhalation, direct contact, or incidental ingestion.

The redevelopment plan for the Site is to renovate the buildings or to demolish and create a public facility offering food services, hospitality, entertainment, a music venue, residency, and green space. Thus, users of the Site would include residents, workers, and patrons of the facility. Potential short-term exposures to construction and maintenance workers may also exist. These persons are considered at risk of exposure to potentially contaminated soil and soil vapor. When present, hazardous building materials pose a short-term risk of exposure to construction workers via inhalation or ingestion of asbestos, PCBs, and lead.

The geophysical survey was conducted by Underground Locations Services Corporation (ULS) and the building material survey was conducted by Clark Seif Clark Inc. (CSC). Orange Coast Analytical, Inc., and H&P Mobile Geochemistry, Inc. performed all soil, indoor air, sub slab soil, vapor and soil gas sample analyses. The following sample analyses were conducted:

- A geophysical survey was performed to determine whether there were any locations with anomalies that may indicate a UST.
- A total of 254 bulk asbestos samples were analyzed for asbestos by EPA Method 600/R-93/116 Polarized Light Microscopy (PLM) method and analyzed for a total of 45 analyses on a layer-by-layer basis using PLM method for asbestos identification.
- A total of 109 paint chip samples were analyzed for lead by EPA Method SW 846 3050B/7000B.
- A total of 45 bulk samples and 6 wipe samples were analyzed for PCBs by EPA Method 3540C/8082A.

- A total of 12 surface and shallow subsurface soil samples (including 3 duplicate samples) were analyzed for TPH-g, TPH-d, and TPH-mo by EPA Method 8015B; PAHs by EPA Method 8310; PCBs by EPA Method 8082; VOCs by EPA Method 8260B; and CAM 17 metals by EPA Method 6010B and 7471A. Based on detected concentrations for total lead and chromium in the soil samples, two surface samples were analyzed using the Solubility Threshold Leaching Concentration (STLC) and or the EPA Toxicity Characteristic Leaching Procedure (TCLP) procedure(s). The purpose of the analysis was to assist in the preparation of a cost estimate for the disposal of waste soils, in the event that off-site disposal of contaminated soil is performed as a remedial measure.
- Based on the results of the geophysical survey and the site reconnaissance, five soil borings were advanced. A total of 14 subsurface soil samples (including 2 duplicate samples) were analyzed for CAM 17 metals by EPA Method 6010B and 7471A; TPH-d, TPH-g, and TPH-mo by EPA Method 8015C; and VOCs by EPA Method 8260B.
- A total of five sub-slab soil gas samples (including 1 duplicate sample) were analyzed for VOCs via EPA Method TO-15.
- A total of seven subsurface soil gas samples were analyzed for VOCs via EPA Method TO-15.
- Three indoor air samples (including 1 duplicate sample) were analyzed for VOCs using EPA Method TO-15.
- Three indoor air samples (including 1 duplicate sample) were analyzed for chloropicrin and methyl bromide using Occupational Safety and Health Administration (OSHA) Methods PV2103 and PV2040.

Sampling locations are shown in Figure 3 and are specified in the table below. The sampling rationale is specified in the table below.

Sampling Locations			
Area of Concern	**Depth**	**Analytical Parameter**	**Rationale**
Entire Site	Not applicable	Geophysical Survey	Based on the historical use of the Site, USTs and associated piping may be present on Site
Site Buildings (254 bulk ACM, 109 LBP chip samples, PCBs 6 wipes, 45 bulk samples)	Not applicable	ACM, LBP, PCBs, chloropicrin and methyl bromide	Due to age, Site buildings may have ACM, LBP, and PCBs that could be disturbed during renovation or demolition activities. Methyl bromide and chloropicrin may be present in the laundry area.
Various (5 soil sampling locations)	Subsurface (5, 10, and 15 ft bgs)	TPH-d, TPH-g, TPH-mo, VOCs, CAM 17 metals,	Potential areas of impacted surface soil from former operations

Sampling Locations			
Area of Concern	**Depth**	**Analytical Parameter**	**Rationale**
Various (5 soil gas sampling locations)	Subsurface (5 ft bgs)	VOCs	Potential for former operations at the Site to cause a vapor encroachment concern
Throughout Site (6 soil sampling locations)	Surface (0 to 0.5 ft bgs) Shallow Subsurface (1.5-2 ft bgs)	TPH-d, TPH-g, TPH-mo, VOCs, CAM 17 metals, PAHs & PCBs	Potential areas of impacted surface soil from stored waste and Site buildings. PCBs near the transformers at the front of the jail building.
Site Buildings (5 sub-slab soil gas sampling locations)	Not applicable	VOCs	Potential for former operations at the Site to cause a vapor encroachment concern
Site Buildings (2 indoor air sampling locations)	Not applicable	VOCs	Potential for former operations at the Site to cause a vapor encroachment concern

ACM = asbestos-containing material
bgs = below ground surface
CAM = California Administrative Manual
ft = foot
LBP = lead-based paint
PCB =polychlorinated biphenyl
PAHs = polynuclear aromatic hydrocarbons
TPH-d = total petroleum hydrocarbons as diesel
TPH-g = total petroleum hydrocarbons as gasoline
TPH-mo = total petroleum hydrocarbons as motor oil
UST = underground storage tank
VOCs = volatile organic compounds

Sampling results were evaluated against Site screening levels, as described in Section 5, to determine potential risks to human health and the environment. The data collected during this Site assessment were used to evaluate environmental concerns at the Site and identify the potential impact on future redevelopment. The data were specifically used to determine whether building materials containing ACM, LBP, or PCBs and/or soil and/or soil gas at the Site have been impacted by historical uses and to support redevelopment decisions.

4.1 GEOPHYSICAL SURVEY

On August 22, 2018, a geophysical survey was conducted at the Site by ULS of Pocatello, Idaho, to locate areas of density and metallic anomalies in the subsurface that could correlate to UST locations and identify underground utilities. The survey was conducted using an electromagnetic metal detector and ground penetrating radar (GPR) to identify anomalies. The survey was conducted by walking a Cartesian grid with spacing of 5 feet. Geophysical anomalies identified during the survey were marked with paint on the ground surface and recorded using a Global Positioning System (GPS) unit. The Geophysical Survey Report is provided in Appendix B.

4.2 BUILDING MATERIAL SAMPLING

On August 23, 2018 to August 29, 2018 and October 1 and 2, 2018, a California Division of

Occupational Safety and Health Certified Asbestos Consultant and California Department of Public Health Certified Lead Inspector/Assessor conducted a hazardous building material survey of the three buildings to assess the presence of ACM, LBP, and PCBs. The Inspector/Assessor was from CSC, of Chatsworth, California. The Limited Hazardous Building Materials Survey Report is provided in Appendix C.

4.2.1 Asbestos Survey

Building materials were visually inspected for asbestos using the methods presented in the Federal Asbestos Hazard Emergency Response Act (AHERA) regulations. The EPA Asbestos-Containing Materials in Schools, Final Rule and Notice (EPA, 1987) is generally accepted as the industry standard for ACM inspections. Potential ACMs were also physically assessed for friability, condition, and disturbance factors. A total of 254 bulk samples were collected from suspect asbestos-containing homogenous building materials and analyses were conducted using PLM method for asbestos identification. A homogeneous material is defined as a surfacing material; thermal system insulation; or miscellaneous material that is uniform in use, color, and texture. AHERA sample criteria guidelines were followed to determine the number of samples collected from each homogeneous area. A sample approximately 2 to 4 square inches in size was collected from each area of suspect ACM. Each sample was placed in a plastic resealable bag and labeled.

4.2.2 Lead-Based Paint Survey

Building materials were visually inspected for evidence of blistered or peeling paint. Painted surfaces exhibiting evidence of peeling or blistering were documented in the field notes along with a description of the structural member and approximate area observed to be peeling or blistered. A total of 109 representative paint chip samples were collected from the various types of paint and painted surfaces. Where possible, a sample approximately ½ square inch in size was collected from each painted surface. The sample was collected by removing the paint using a chisel or other sharp instrument to cut away a representative piece. Each sample was placed in a plastic resealable bag and labeled.

4.2.3 PCBs Survey

Fluorescent lights, transformers, and other electrical equipment present in the buildings were checked for labels indicating they are PCB free. If the labels were not present, it was assumed they contained PCBs and they were checked for leaking fluids. When possible to safely obtain, a wipe sample of the fluid was collected and tested for the presence of PCBs. Each sample was placed in a glass jar and labeled. Composite bulk material samples of caulk, paint, and other potentially PCB-containing building materials were collected. Wipe samples were collected according to EPA Method 8082A (EPA, 1991). A total of 45 bulk samples and 6 wipe samples were collected.

4.3 SOIL SAMPLING

Based on the historical use of the Site, biased sampling was the most appropriate sampling approach to assess potential contamination at the Site. Biased surface, shallow subsurface, and

subsurface soil sampling was conducted at locations throughout the Site. Soil samples were collected on August 22, 2018 to August 29, 2018. Sampling locations were documented using a handheld GPS unit. Figure 3 shows soil sampling locations.

4.3.1 Surface and Shallow subsurface Soil Sampling

Eight surface soil samples, including two duplicate samples, were collected from six sampling locations. Seven shallow subsurface samples (1.5 to 2 feet below ground surface [bgs]), including one duplicate sample, were collected from six sampling locations. All shallow and shallow subsurface soil samples were analyzed for CAM-17 metals, TPH-g, TPH-d, TPH-mo, and VOCs. Selected shallow and shallow subsurface soil samples near the transformers at the front of the jail building were analyzed for PAHs and PCBs.

Soil samples analyzed for CAM 17 metals, TPH-d, TPH-mo, PCBs, and PAHs were homogenized and packed into an 8-ounce glass jar. Soil samples analyzed for TPH-g and VOCs were collected by EPA Method 5035A and were contained in sample-dedicated Encore® containers by pushing the container with a "T" bar into an undisturbed portion of the soil. Three Encore® sample containers were filled at each sample location for TPH-g and VOC analyses. All three aliquots were placed into a labeled resealable bag, and chilled immediately to 4 degrees Celsius by placing on ice in an insulated cooler before delivery to the laboratory. The sample jars were labeled and stored on ice in an insulated cooler.

4.3.2 Subsurface Soil Sampling

A total of 14 subsurface samples (including 2 duplicate samples) were collected from five boring locations using direct push methods. Soil samples were collected into acetate sample liners. All subsurface samples were analyzed for CAM-17 metals, TPH-g, TPH-d, TPH-mo, and VOCs. The borings were backfilled with cement grout.

Soil samples analyzed for TPH-d, TPH-mo, and CAM 17 metals were homogenized and packed into 8-ounce glass jars. The sample jars were labeled and stored on ice in an insulated cooler. Soil samples analyzed for TPH-g and VOCs were collected in accordance with EPA Method 5035A into sample-dedicated Encore® containers by pushing the container with a "T" bar into an undisturbed portion of the soil core as soon as it was retrieved from the boring. Three Encore® sample containers were filled at each sample location for TPH-g and VOC analyses. All three aliquots were placed into a labeled resealable bag and chilled immediately to 4 degrees Celsius by placing on ice in an insulated cooler before delivery to the laboratory.

4.4 SUB-SLAB SOIL GAS AND SOIL GAS SAMPLING

Five sub-slab soil gas samples, including one duplicate sample, were collected at four locations. One sub-slab sample location was sampled in each of the three buildings onsite, and an additional sub-slab sample was collected in the former jail building. For the sub-slab soil gas samples, holes were drilled through the floor slab until native soil was reached. Sample tubing was inserted into the hole and sealed with grout approximately 24 hours prior to connecting the

Summa canisters. Sub-slab soil gas samples were analyzed for VOCs via EPA Method TO-15.

Seven soil gas samples were collected at the six subsurface soil borings discussed in Section 4.3.2. One field duplicate was collected at soil boring locations SB-04. All soil gas samples were collected at a depth of 5 ft bgs, with the exception of sample SB-05-2.9, which was collected at a depth of 2.9 ft bgs. Soil gas samples were analyzed for VOCs and TPH-g via EPA Method TO-15.

Samples were collected on August 22, 2018 to August 29, 2018. Figure 4 shows sampling locations.

4.5 AMBIENT AIR SAMPLING

Three air samples (including one duplicate sample) were collected from two locations. Samples were collected using 6-liter Summa canisters fitted with regulators to allow sample collection over approximately 24-hours. The air samples were collected at a height of 3 to 5 feet above the ground. Ambient air samples were analyzed for VOCs via EPA Method TO-15. Three additional samples (including a duplicate for each analyses) were collected from breathing space air in the fumigation room on consecutive days. These samples were analyzed using OSHA Method PV2040 for methyl bromide and OSHA Method PV2103 for chloropicrin. Air samples were collected on August 22, 2018 through August 24, 2018. Figure 4 shows sampling locations.

4.6 QUALITY CONTROL SAMPLES

Duplicate soil samples were collected for samples SS-01-0, SS-02-0, SS-06-02, SB-01-15, and SB-04-5. A duplicate ambient air sample was collected for sample SC-01. Duplicate soil samples were submitted for the same analyses as each field sample. Non-VOC/TPH-g soil samples were homogenized, packaged, and sealed in the same manner as the field samples. Duplicate samples for VOC/TPH-g analyses were collected directly from the soil core using Encore® samplers and were not homogenized. A unique sample number was assigned to each duplicate sample and submitted blind to the laboratory. The duplicate air sample was collected in a second Summa canister, next to, and simultaneously with, sample SC-01.

4.7 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN

The Sampling and Analysis Plan specified that samples SS-06-0 and SS-06-2 were duplicate and that SB-07-0 and SB-07-15 were Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples. Sample location SS-06 was a unique location; SS-07-0 was collected as a duplicate sample. SB-07-15 was not collected and SS-07-00 was not an MS/MSD sample. Consequently, extra volume for the MS/MSD was collected at SS-02-0 and SB-03-20.

None of these deviations is expected to have any adverse impact on the data or conclusions of this report.

5. PHASE II ASSESSMENT RESULTS

Analytical results for samples collected during the investigation were compared to established screening levels for the protection of residents living on the Site, children attending day care at the Site, construction workers involved in redevelopment, maintenance workers, and future patrons. The following screening levels were selected to correspond with the potential future use of the Site:

- Building materials containing greater than 1% asbestos, as determined by PLM methodology, are considered as ACM, according to EPA, and materials containing greater than one tenth of one percent (>0.1%) asbestos, as determined by PLM methodology, are considered an asbestos-containing construction material according to the California Occupational Safety and Health Administration.
- Building materials containing lead in paint or other surface coating material containing lead greater than or equal to 5,000 parts per million (ppm) or 0.5% by weight according to U.S. Department of Housing and Urban Development (HUD) and EPA (HUD, 2012). Lead-containing surface coatings (LCSC) are defined in California Code of Regulations Title 8, Section 1532.1 as surface coating materials containing lead greater than or equal to 600 ppm.
- PCB regulations include three options for management of PCB remediation waste. In general, materials with PCB concentrations greater than 50 ppm are regulated under 40 CFR Part 761, the Toxic Substances Control Act of 1976 (TSCA) and special hazardous waste disposal regulations apply to them. Materials with PCB concentrations greater than 5 ppm may also need to be disposed of as regulated wastes.
- Soil sampling results for VOCs, CAM 17 metals, PAHs, and PCBs are compared to the San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs) for Soil (RWQCB, 2016), EPA Regional Screening Levels (RSLs) for residential and industrial soil (EPA, 2018), and the Department of Toxic Substances Control Screening Levels (DTSC-SLs) for residential soil and industrial soil (DTSC, 2016).
- Soil sampling results for TPH-d, TPH-mo, and TPH-g are compared San Francisco Bay RWQCB Tier 1 ESLs for Soil (RWQCB, 2016).
- Air sampling results for VOCs are compared to the EPA Vapor Intrusion Screening Levels (VISLs) for residential and industrial indoor air (EPA, 2018 and DTSC-SLs for residential and industrial air (DTSC, 2018). Methyl bromide indoor air concentrations are compared to the American Conference of Governmental Industrial Hygienists (ACGIH) 8-hour time-weighted average (TWA). Because no published screening level exists for methyl bromide indoor air in a residential scenario, a value equal to 10% of the OSHA levels is used as a screening level for these contaminants in a residential scenario. Air sampling results for chloropicrin are compared to EPA VISLs for residential and industrial indoor air (EPA, 2018.

  Sub-slab soil gas and soil gas sampling results for VOCs are compared to the residential and industrial EPA Vapor Intrusion Screening Levels (EPA, 2018) and DTSC-SLs for residential and industrial air with an attenuation factor of 0.05 applied (DTSC 2011).

Although the soil gas samples were not collected beneath a building, they are intended to represent conditions beneath any future building at that location. They were therefore evaluated as if they were representative of sub-slab conditions and the 0.05 attenuation factor was used when determining DTSC-SLs for those samples (DTSC 2011). This estimate is considered to be conservative because, in general, samples are collected from 5 feet below grade, which is much deeper than a normal sub-slab sample.

5.1 GEOPHYSICAL SURVEY RESULTS

The geophysical survey was conducted at accessible areas throughout the Site, including along the street curb and sidewalk. The Geophysical Survey Report is provided in Appendix B.

At least one UST is present at the rear of the jail building. At least one other UST may be present. Based on visual observation, there appeared to be a steel wall UST approximately 4 feet in diameter and of unknown length at the rear of the jail building. Up to 100 gallons of weathered diesel fuel appeared to be in it when the cap was removed for inspection. The exact size, orientation, and number of USTs could not be determined due the large amount of buried and aboveground metal objects in the survey area. No surface expression of a former dispenser or dispenser island was observed, suggesting the diesel fuel in the UST was likely used to power a boiler or emergency power generator system. A concrete pad for what may have been a generator is located immediately south of the UST. Photographs of the area are included in Appendix A. Based on an approximate depth to the bottom of the UST, it is estimated to be in the 500-gallon to 3,000-gallon capacity range. Based on surface, shallow subsurface, and subsurface soil samples results collected in that area, releases of petroleum hydrocarbons may have occurred.

At least one other underground utility vault and several underground structures are present at the rear the jail building. Numerous utilities appear to be buried in the rear of the building, possibly including the clarifier mentioned by AECOM (AECOM, 2016). In particular, there was an underground sump and structure with an access ladder located in the area approximately 50 feet northeast of the UST. It is unclear what the function was. It appeared that the sump and structure had been used neither to store nor to use hazardous materials. However, a permitted confined space entry permit is required to enter and properly document their function, contents, and construction.

5.2 BUILDING MATERIAL SAMPLING RESULTS

A total of 254 bulk samples were collected from suspect asbestos-containing homogenous building materials. A total of 109 representative paint chip samples were collected from the various types of paint and painted surfaces. A total of 45 bulk samples and 6 wipe samples were collected. A Limited Hazardous Building Materials Survey Report is provided in Appendix C. The results are discussed below.

5.2.1 Asbestos Results in Building Materials

Asbestos was found in building materials above the quantification limit of 1% in 56 samples of building materials within the jailhouse and office building. No asbestos was detected in the one bulk sample collected within the warehouse building. The sampling locations and analytical reports are provided in the Limited Hazardous Building Materials Survey Report (Appendix C). The asbestos results in building materials above the quantification limit and the estimated area of the sample are summarized in the table below.

Summary of Asbestos Results in Bulk Samples					
Sample No:	**HM**	**Material**	**Concentration**	**Location of Material**	**Est. Area (ft^2)**
Jail Building Exterior and Roof					
7333 B10-B11	**3**	**Roof Core – Gray Capsheet over Felt**	**5% Chrysotile**	**Walkway East of Fan Room and South East Roof Field**	**20,000**
7333 B13-B17	**5**	**Roof Core – Gray Capsheet, Silver Coating, Tar and Felt**	**5% Chrysotile**	**West Penthouse, Elevated Roof South of Fan Room, Fan Room Roof Freight Elevator Penthouse Roof**	**15,000**
7333 B18-B25	**6**	**Gray/Black Roof Mastic**	**10% Chrysotile**	**Ground Level Platform Roof, West Canopy Flashing, 2nd Floor West Roof System**	**500**
7333 B32-B34	**9**	**Window Frame Seam Caulk**	**5% Chrysotile**	**North Bldg. Exterior Windows**	**1,000**
7333 B35	**10**	**Seam Caulk**	**6% Chrysotile**	**West Canopy over Loading Dock**	**30**
7333 B36-B38	**11**	**Window Frame Seam Caulk**	**8-10% Chrysotile**	**South Bldg. Exterior Windows**	**30**
7333 B182-B184	**53**	**Black Transite Board**	**25% Chrysotile**	**Penthouse Mechanical Room-Electrical Panel; debris on roof at NE area**	**10**
7333 B185-B187	**54**	**Black/Tan Cloth Wire Insulation**	**20% Chrysotile**	**Cloth insulated electrical wiring was observed in the electrical panels on all floors**	**1,000**
ENCORP	**60**	**Transite pipe**	**4% Chrysotile 5% Crocidolite**	**Roof, exterior wall, wall cavities**	**300**

Summary of Asbestos Results in Bulk Samples					
Sample No:	**HM**	**Material**	**Concentration**	**Location of Material**	**Est. Area (ft^2)**
ENCORP	**61**	**Exterior Window putty**	**3% Chrysotile**	**Exterior windows on the penthouse, roof, basement, 1st – 5th floors**	**35,000**
ENCORP	**62**	**Mirror mastic**	**12% Chrysotile**	**1st, 3rd, 4th and 5th floors**	**3,000**
Jail Bldg. 5th Floor					
7333 B202	**57**	**White TSI Debris**	**10% Amosite 5% Chrysotile**	**Scattered debris the fifth floor**	**36,600**
7333 B195	**57**	**Intact TSI on pipes**	**7% Amosite 3% Chrysotile**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**1,000**
7333 B196	**57**	**Intact TSI on elbows**	**10% Amosite 3% Chrysotile 2% Crocidolite**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**500**
7333 B39-B41	**12**	**Green 9x9 VFT**	**7% Chrysotile**	**5th Floor South Office**	**200**
7333 B42-B44	**13**	**Tan 9x9 VFT**	**2-3% Chrysotile**	**5th Floor NW Office**	**400**
7333 B48-B50	**15**	**Brown 9x9 VFT**	**8% Chrysotile**	**5th Floor NE Corner Room**	**2**
7333 B145-B146	**41**	**Concrete**	**2% Chrysotile**	**5th Floor Cell Beds and cell walls**	**8,000**
Jail Building – 4th Floor					
7333 B201	**57**	**White TSI Debris**	**8% Amosite 8% Chrysotile**	**Scattered debris throughout the fourth floor**	**36,600**
7333 B195	**57**	**Intact TSI on pipes**	**7% Amosite 3% Chrysotile**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**1,000**

Summary of Asbestos Results in Bulk Samples					
Sample No:	**HM**	**Material**	**Concentration**	**Location of Material**	**Est. Area (ft^2)**
7333 B196	**57**	**Intact TSI on elbows**	**10% Amosite 3% Chrysotile 2% Crocidolite**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**500**
Jail Building – 3rd Floor					
7333 B200	**57**	**White TSI Debris**	**8% Amosite 6% Chrysotile**	**Scattered debris throughout the third floor**	**36,600**
7333 B195	**57**	**Intact TSI on pipes**	**7% Amosite 3% Chrysotile**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**1,000**
7333 B196	**57**	**Intact TSI on elbows**	**10% Amosite 3% Chrysotile 2% Crocidolite**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**500**
7333 B54-B56	**17**	**Green 9x9 vinyl floor tile**	**8% Chrysotile**	**3rd Floor East Side Office**	**400**
7333 B57-B59	**18**	**Brown 9x9 VFT**	**8-10% Chrysotile**	**3rd Floor NW office**	**300**
Jail Building – 2nd Floor					
7333 B199	**57**	**White TSI Debris**	**10% Amosite 5% Chrysotile**	**Scattered debris throughout the second floor**	**36,600**
7333 B195	**57**	**Intact TSI on pipes**	**7% Amosite 3% Chrysotile**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**1,000**
7333 B196	**57**	**Intact TSI on elbows**	**10% Amosite 3% Chrysotile 2% Crocidolite**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**500**
7333 B60-B62	**19**	**Brown 9x9 vinyl floor tile**	**8% Chrysotile**	**2nd Floor NW Office**	**300**

Summary of Asbestos Results in Bulk Samples					
Sample No:	**HM**	**Material**	**Concentration**	**Location of Material**	**Est. Area (ft^2)**
7333 B147-B149	**41**	**Concrete**	**2% Chrysotile**	**2nd Floor Cell Beds and cell walls**	**8,000**
Jail Building – 1st Floor					
7333 B198	**57**	**White TSI Debris**	**10% Amosite 5% Chrysotile**	**Scattered debris throughout the first floor**	**40,280**
7333 B195	**57**	**Intact TSI on pipes**	**7% Amosite 3% Chrysotile**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**1,500**
7333 B196	**57**	**Intact TSI on elbows**	**10% Amosite 3% Chrysotile 2% Crocidolite**	**Pipe runs in the wall chases and above the corridor drop ceiling**	**500**
7333 B66-B68	**21**	**Green 9x9 vinyl floor tile**	**7%-8% Chrysotile**	**1st Floor South General Office, Book Keeping Room and South Corridor**	**10,000**
7333 B66-B68	**21**	**Black/yellow floor tile mastic**	**10% Chrysotile**	**1st Floor South General Office, Book Keeping Room and South Corridor**	**10,000**
7333 B69-B71	**22**	**Black Floor Tile Mastic**	**6% Chrysotile**	**1st Floor – Visitors Room, Public Lobby and General Office**	**1,000**
7333 B72-B74	**23**	**Black Floor Tile Mastic**	**5% Chrysotile**	**1st Floor Corridor at Entry**	**200**
7333 B75-B77	**24**	**Red 9x9 VFT**	**7-8% Chrysotile**	**1st Floor Officers Mess Room**	**800**
7333 B75-B77	**24**	**Black floor tile mastic**	**10% Chrysotile**	**1st Floor Officers Mess Room**	**800**
7333 B78-B80	**25**	**Brown 9x9 VFT**	**7-8% Chrysotile**	**1st Floor SW Entry by Loading Dock**	**25**

Summary of Asbestos Results in Bulk Samples					
Sample No:	**HM**	**Material**	**Concentration**	**Location of Material**	**Est. Area (ft^2)**
7333 B81-B83	**26**	**Gray 9x9 VFT**	**8% Chrysotile**	**1st Floor Book Keeping Restroom Floor**	**25**
7333 B84-B86	**27**	**Light Tan 12x12 VFT**	**2% Chrysotile**	**1st Floor Elevator Lobby**	**400**
7333 B84-B86	**27**	**Black floor tile mastic**	**3-10% Chrysotile**	**1st Floor Elevator Lobby**	**400**
7333 B94-B97	**30**	**Brown 9x9 VFT**	**7-8% Chrysotile**	**1st Floor – Judges Office, Courtroom, Parole Office, NE Corner Office**	**9,600**
7333 B94-B97	**30**	**Black floor tile mastic**	**10% Chrysotile**	**1st Floor – Judges Office, Courtroom, Parole Office, NE Corner Office**	**9,600**
7333 B153-B157	**43**	**Drywall System**	**2% Chrysotile**	**1st Floor Drunk Tank Rooms**	**2,000**
7333 B158	**44**	**Cork Insulation With Tar Adhesive**	**10% Chrysotile**	**1st Floor Walk in Fridge**	**1,000**
7333 B191-B194	**56**	**Plaster System – Trowel Texture**	**1% Chrysotile**	**1st Floor SE Office Walls and Ceiling**	**800**
Jail Building - Basement					
7333 B197	**57**	**White TSI Debris**	**10% Amosite 3% Chrysotile**	**Scattered debris throughout the basement**	**42,500**
7333 B195	**57**	**Intact TSI on pipes**	**7% Amosite 3% Chrysotile**	**Ceiling mounted pipe runs**	**3,200 LF**
7333 B196	**57**	**Intact TSI on elbows**	**10% Amosite 3% Chrysotile 2% Crocidolite**	**Ceiling mounted pipe runs**	**200**

Summary of Asbestos Results in Bulk Samples					
Sample No:	**HM**	**Material**	**Concentration**	**Location of Material**	**Est. Area (ft^2)**
7333 B159-B161	**44**	**Cork Insulation With Tar Adhesive**	**10% Chrysotile**	**Basement Walk in Fridge; Fan Room on Fan Unit**	**3,000**
7333 B179	**50**	**HVAC Vibration Reducer – White**	**60% Chrysotile**	**Basement lower Fan Room Flex Collar**	**200**
7333 B188-B190	**55**	**Light Gray Transite Board**	**20% Chrysotile**	**Basement Electrical Room – Panel Blocks**	**50**
Office Building					
7333 B37	**12**	**Gray roof mastic**	**10% Chrysotile**	**Roof panels at screws**	**5**

Notes:

ft^2= square feet

LF = linear feet

NE=Northeast

NW=Northwest

SE=Southeast

SW=Southwest

TSI=Thermal system insulation

HVAC=Heating, ventilation and air conditioning

VFT=Vinyl floor tile

HM=Homogeneous Material

Jail Bldg:

HM 38*: A single sample collected in the basement kitchen of the eleven plaster samples collected from the building showed <1% Actinolite in the initial analysis; Clark Seif Clark Inc. (CSC) collected three additional samples from the basement kitchen which all tested negative. CSC concludes that the sand plaster material in the building is not asbestos-containing.

HM11*: One of four of the texture samples showed <1% Chrysotile in the initial analysis; the material was re-sampled and submitted for a second analysis which tested negative. CSC concludes that the material is not asbestos-containing.

Note that only samples with positive results are shown.

5.2.2 Lead Results in Building Materials

A total of one hundred and nine (109) paint chip samples were collected from the painted testing combinations in the three buildings at the site. All paint chip samples contained lead at a detectable concentration. The sampling locations and analytical results are provided in the Limited Hazardous Building Materials Survey report in Appendix C. The table below summarizes the lead paint sample results as well as an estimate of the area the sample represents.

.

Summary of Lead Results in Lead Paint Samples				
Sample Number	**Testing Combination**	**Sample Location**	**Lead Concentration**	**Quantities (Ft^2)**
Jail Exterior and Roof				
(7333 PC-1)	Exterior Concrete Stairs: Green Paint	East Side at Entry	340 ppm	1,000
(7333 PC-2)	Exterior Metal Door & Casing: Gray Paint	East Door to Judges Room	23,000 ppm	30
(7333 PC-3)	Exterior Metal Door & Casing: Gray Paint	South Doors to Basement	110,000 ppm	70
(7333 PC-4)	Exterior Metal Handrails: Gray Paint	South Ext. by Basement	22,000 ppm	30
(7333 PC-5)	Exterior Wood Handrails: Gray/Red Paint	West Ext. by NW Loading Dock.	45,000 ppm	30
(7333 PC-6)	Exterior Metal Window Frames: Beige Paint	South Window by Basement Entry	200,000 ppm	9,000
(7333 PC-7)	Exterior Metal Window Bars: Beige Paint	South Window by Basement Entry	170,000 ppm	9,000
(7333 PC-8)	Exterior Metal Window Frames: Beige Paint	South Side at SW Corner	16,000 ppm	9,000
(7333 PC-9)	Exterior Concrete Walls: Beige Paint	SW Ext. at 1st Floor	490 ppm	21,000
(7333 PC-10)	Exterior Concrete Walls: Beige Paint	East Side above Awning	40,000 ppm	21,000
(7333 PC-11)	Roof/Penthouse Metal Doors & Casings	Penthouse on East Door	30,000 ppm	70
(7333 PC-12)	Roof/Penthouse Metal Doors & Casings: Beige Paint	Elevator Penthouse Ladder	77,000 ppm	85
(7333 PC- 13)	Penthouse Stairwell Walls: Beige Paint	Penthouse Stairwell by SW Wall	15,000 ppm	400
(7333 PC- 14)	Rooftop South Exterior Concrete Walls: Beige/Gray Paint	Roof Top S. Ext. at W. Corner	240 ppm	1,000
(7333 PC- 15)	Roof Parapet Concrete Walls: Green Paint	Roof Top Parapet Wall at East Side	1,300 ppm	120
(7333 PC- 16)	Rooftop Penthouse Exterior Concrete Walls: Beige Paint	Roof Top Penthouse Walls	9,200 ppm	1,000
(7333 PC-17)	Rooftop SE Yard Metal Window Cases: Beige Paint	Roof Top SE Yard NW Walls	30,000 ppm	100

Summary of Lead Results in Lead Paint Samples				
Sample Number	**Testing Combination**	**Sample Location**	**Lead Concentration**	**Quantities (Ft^2)**
(7333 PC-18)	Rooftop Metal Fan Units: Beige Paint	Roof Top Fan Units South & West	25,000 ppm	1,500
(7333 PC-19)	Low Roof Metal Fan Units: Beige/Gray Paint	Low Roof (2nd floor) Fan Units	11,000 ppm	400
(7333 PC-20	Asphalt Rooftop yard: Silver Roof Coating	SE Roof Yard	<100 ppm	15,000
(7333 PC-21)	Concrete Roof Walkway & Loading Dock Ramps: Brown Texture Coat	Roof Walkway & Loading Dock Ramps	<100 ppm	500
Jail Building 5th Floor				
(7333 PC- 22)	5th Floor Concrete Corridor Floors: Gray Paint	Corridors	200 ppm	2,000
(7333 PC- 23)	5th Floor S. Corridor Int. Plaster Walls: Gray Paint	S. Corridor	19,000 ppm	5,000
(7333 PC-24)	5th Floor S. Corridor Int. Concrete Ceilings: Beige Paint	S. Corridor	<1,000 ppm	20,000
(7333 PC- 25)	5th Floor Metal Doors & Casings: Beige/Green Paint	S. Doors to Pipe Chases	26,000 ppm	200
(7333 PC- 26)	5th Floor Int. Wood Doors & Offices	Doors @ NW Offices	1,800 ppm	200
(7333 PC-27)	5th Floor Metal Int. Doors & casings: White/Red Paint	Doors @ NW Offices	48,000 ppm	800
(7333 PC-28)	5th Floor Metal Doors to Pipe Chases: Beige/Green Paint	Doors to Pipe Chases North	34,000 ppm	800
(7333 PC- 29)	5th Floor Metal Int. South Windows: Beige Paint	South Windows	86,000 ppm	9,000
(7333 PC-30)	5th Floor Metal Int. North Windows: Beige/Green Paint	North Windows	1,100 ppm	9,000
Jail Building 4th Floor				
(7333 PC-31)	4th Floor North Int. Plaster Walls: Beige/Gray Paint	North Walls	270 ppm	10,000
(7333 PC-32)	4th Floor North Corridor Int. Plaster Ceiling: Beige Paint	North Corridor	1,300 ppm	10,000

Summary of Lead Results in Lead Paint Samples				
Sample Number	**Testing Combination**	**Sample Location**	**Lead Concentration**	**Quantities (Ft^2)**
(7333 PC-33)	4th Floor South Int. Plaster Walls: Beige Paint	South Walls	2,400 ppm	10,000
(7333 PC-34)	4th Floor South Corridor Int. Plaster Ceilings: Beige Paint	South Corridor	200 ppm	10,000
(7333 PC-35)	4th Floor South Corridor Int. Concrete Ceilings: Beige/Green Paint	South Corridor	260 ppm	2,000
(7333 PC-36)	4th Floor North Metal Door Casings: Beige/Gray Paint	North	590 ppm	800
(7333 PC-37)	4th Floor Metal Pipe Chases, Doors & Casings: Beige/Green/Red Paint	Pipe Chases – South	42,000 ppm	800
(7333 PC-38)	4th Floor West Int. Metal Windows: Beige Paint	West Windows	800 ppm	9,000
Jail Building 3rd Floor				
(7333 PC-39)	3rd Floor SW Bathroom Int. Concrete Walls: Beige/Gray Paint	SW Bathroom	1,200 ppm	400
(7333 PC-40)	3rd Floor SE Int. Concrete Walls	SE	3,500 ppm	9,000
(7333 PC-41)	3rd Floor SE Int. Concrete Ceilings	SE	1,800 ppm	7,000
(7333 PC-42)	3rd Floor NW Area Metal Door Casings: Beige/Gray Paint	NW Area	2,500 ppm	800
(7333 PC-43)	3rd Floor East Metal Door Casings: Beige Paint	East	3,500 ppm	800
(7333 PC-44)	3rd Floor Metal Chase Doors and Casings: Green Paint	Chase Doors	10,000 ppm	800
(7333 PC-45)	3rd Floor West Center Metal Security Bars: Beige/Orange Paint	West Center	120,000 ppm	400
(7333 PC-46)	3rd Floor West Side Int. Metal Windows: Beige/Black Paint	West Side Windows	1,200 ppm	9,000
Jail Building 2nd Floor				
(7333 PC-47)	2nd Floor Elevator Lobby Int. Concrete Floors: Gray Paint	Elevator Lobby	220 ppm	500
(7333 PC-48)	2nd floor West Offices Int. Concrete Floors: Green Paint	West Offices	170 ppm	1,000

Summary of Lead Results in Lead Paint Samples				
Sample Number	**Testing Combination**	**Sample Location**	**Lead Concentration**	**Quantities (Ft^2)**
(7333 PC-49)	2nd Floor S. Int. Plaster Walls: Beige/Green Paint	South Elevator Lobby	170 ppm	10,000
(7333 PC-50)	2nd Floor Int. Concrete Cell Walls: Beige Paint	Cell Walls	2,500 ppm	10,000
(7333 PC-51)	2nd Floor West Wing Int. Metal Cell Walls: Beige/Pink Paint	West Wing Cell Walls	360 ppm	3,000
(7333 PC-52)	2nd Floor S. Int. Concrete Walls: Beige/Green Paint	South Side	2,300 ppm	10,000
(7333 PC-53)	2nd Floor Int. Wood Door to RR's & Offices: Beige Paint	Interior Doors	1,800 ppm	200
(7333 PC-54)	2nd Floor Metal Doors from Corridor to Day Rooms: Beige Paint	Doors From Corridor	22,000 ppm	200
(7333 PC-55)	2nd Floor Metal Doors and Casings: Green/Orange Paint	Doors To Pipe Chases	100,000 ppm	200
(7333 PC-56)	2nd Floor West Middle Metal Security Bars: Blue Paint	West Middle Area	170,00 ppm	300
(7333 PC-57)	2nd Floor South side Metal Security Bars: Black Paint	South Side	12,000 ppm	600
(7333 PC-58)	2nd Floor East Side Day Room Metal Security Bars: Beige Paint	East Side at Day Room	15,000 ppm	600
(7333 PC-59)	2nd Floor Offices and Bathrooms Wood Casework: Gray/Beige Paint	Offices & Bathrooms	800 ppm	300
Jail Building 1st Floor				
(7333 PC-60)	1st Floor Receiving Room Int. Plaster Walls: Gray/Beige Paint	Receiving Room	1,200 ppm	500
(7333 PC-61)	1st Floor SW Office Int. Plaster Walls: Beige Paint	SW Office	5,300 ppm	500
(7333 PC-62)	1st Floor SW Rooms Int. Plaster Walls: Green Paint	SW Rooms	450 ppm	500
(7333 PC-63)	1st Floor SW Rooms Int. Plaster Walls: Beige Paint	SW Rooms	14,000 ppm	1,500
(7333 PC-64)	1st Floor West Side Storage Room Int. Plaster Walls: Green Paint	West Side Storage Room	9,900 ppm	100

Summary of Lead Results in Lead Paint Samples				
Sample Number	**Testing Combination**	**Sample Location**	**Lead Concentration**	**Quantities (Ft^2)**
(7333 PC-65)	1st Floor SE Area Int. Plaster Walls: Beige Paint	SE Area	<100 ppm	8,000
(7333 PC-66)	1st Floor E. Side Int. Concrete Walls: Blue/Beige Paint	East Side	1,100 ppm	3,000
(7333 PC-67)	1st Floor SE Area Int. Plaster Walls: Pink/Beige Paint	SE Area	4,500 ppm	3,000
(7333 PC-68)	1st Floor Book Keeping Room East Int. Plaster Walls: Beige/Green Paint	Bookkeeping Room East	<100 ppm	500
(7333 PC-69)	1st Floor SW Office Int. Plaster Walls: Tan/Beige Paint	SW Office	2,100 ppm	500
(7333 PC-70)	1st Floor SE Storage Room Int. Plaster Walls: Gray/Beige Paint	SE Storage Room	2,200 ppm	400
(7333 PC-71)	1st Floor S. Corridor Int. Plaster Walls: Blue/Green Paint	South Corridor	1,300 ppm	1,500
(7333 PC-72)	1st Floor Kitchen Int. Concrete Walls: Blue Paint	Kitchen By Walk-in Fridge	<100 ppm	1,500
(7333 PC-73)	1st Floor Kitchen at Entry Int. Plaster Walls: Blue Paint	Kitchen At Entrance	2,600 ppm	1,500
(7333 PC-74)	1st Floor by Evidence Room Int. Plaster Columns: Blue/Beige Paint	By Evidence Room	<100 ppm	200
(7333 PC-75)	1st Floor Center Corridor Int. Concrete Ceilings: Beige/Green Paint	Center Corridor	430 ppm	1,000
(7333 PC-76)	1st Floor Jail Area Corridor Int. Plaster Ceilings: Beige/Blue Paint	Jail Area Corridor	1,300 ppm	22,000
(7333 PC-77)	1st Floor SW Wood Door by Office 3 Int. Doors: Beige/Red Paint	SW Door By Office 3	2,400 ppm	100
(7333 PC-78)	1st Floor SE Office Int. Wood Door & Casings: Blue/Beige Paint	SE Office	210 ppm	100
(7333 PC-79)	1st Floor E. Side Int. Wood Doors & Casings: Blue/Beige Paint	East Side	<100 ppm	100
(7333 PC-80)	1st Floor Kitchen SW Int. Wood Doors & Casings: Green/Beige Paint	Kitchen SW	330 ppm	100
(7333 PC-81)	1st Floor SE Office Wood Casework: Yellow/Beige Paint	SE Office	1,100 ppm	100

Summary of Lead Results in Lead Paint Samples				
Sample Number	**Testing Combination**	**Sample Location**	**Lead Concentration**	**Quantities (Ft^2)**
(7333 PC-82)	1st Floor Corridor Metal Security Bars: Green/Red Paint	Center Corridor	17,000 ppm	500
(7333 PC-83)	1st Floor SE Metal Security Bars: White Paint	SE	3,400 ppm	300
(7333 PC-84)	1st Floor SE Office Int. Metal Windows: Beige Paint	SE Office	33,000 ppm	100
Jail Building Basement				
(7333 PC-85)	Basement Center Corridor Int. Concrete Walls: Beige Paint	Center Corridor	2,700 ppm	1,500
(7333 PC-86)	Basement South Corridor Int. Concrete Walls: Green Paint	South Corridor	960 ppm	1,500
(7333 PC-87)	Basement SE Perimeter Concrete Wall: Green Paint	SE Perimeter Wall	4,400 ppm	2,000
(7333 PC-88)	Basement Corridor Metal Ceiling Hatch-Electrical Panel: Beige Pant	Corridor Ceiling Hatch	1,200 ppm	30
(7333 PC-89)	Basement Metal Freight Elevator Door & Casings: Gray/Red Paint	Freight Elevator	53,000 ppm	60
(7333 PC-90)	Basement South Metal Fan/Generator Room: Gray Paint	South Fan Room	2,300 ppm	800
(7333 PC-91)	Basement Metal Fire Door to Fumigation RM: Brown Paint	Fire Door to Fumigation Room	6,400 ppm	50
(7333 PC-92)	Basement by Fumigation Room Int. Metal Door & Casings: Gray Paint	By Fumigation Room	16,000 ppm	50
(7333 PC-93)	Basement Fumigation Metal Room/Tanks: Black Paint	Fumigation Room	81,000 ppm	300
(7333 PC-94)	Basement Laundry Room Metal Washing machine: Black Paint	Laundry Room	8,200 ppm	1,000
(7333 PC-95)	Basement SE Metal Window Security Bars: Beige Paint	SE Window	120,000 ppm	500
(7333 PC-96)	Basement Kitchen Ceiling Metal Pipes: Black/Beige Paint	Kitchen Ceiling Pipes	3,000 ppm	1,500

Summary of Lead Results in Lead Paint Samples				
Sample Number	**Testing Combination**	**Sample Location**	**Lead Concentration**	**Quantities (Ft^2)**
Office Building				
(7333 PC-97)	Office Bldg. Ext. Concrete Walls: Beige/Pink Paint	Exterior Walls	1,100 ppm	12,000
(7333 PC-98)	Roof top Metal vents, Fan Cap: Mauve Paint	Roof Top Vents Fan Cap	<100 ppm	60
(7333 PC-99)	Office Bldg. Corridor Wood Lower Walls: Green Paint	Corridor Lower Walls	340 ppm	100
(7333 PC-100)	Office Bldg. Front Ready Room: Drywall White Paint	Front Ready Room South	<100 ppm	500
(7333 PC-101)	Office Bldg. Front Ready Room Concrete East: White/Green Paint	Front Ready Room East	400 ppm	200
(7333 PC-102)	Office Bldg. Concrete Corridor Walls: White Paint	Corridor Walls	<100 ppm	3,000
(7333 PC-103)	Office Bldg. Corridor West Plaster Walls: White Paint	Corridor West Wall	<100 ppm	1,000
(7333 PC-104)	Movie Sign Room Concrete Walls: White Paint	Movie Sign Room	<100 ppm	1,000
(7333 PC-105)	Office Bldg. Men's locker Room Concrete: White/Green Paint	Men's Locker Room	1,900 ppm	500
(7333 PC-106)	Office Bldg. Corridor Metal Door to No Stopping Signs Int. Doors: Green Paint	Door to No Stopping Sign Room	6,800 ppm	300
(7333 PC-107)	Office Bldg. Front Ready Room Int. Metal Doors & Casings: White Paint	Front Ready Room	3,200 ppm	100
Warehouse Building				
(7333 PC-108)	Warehouse Bldg. Metal Bollards: Yellow Paint	Bollards	69,000 ppm	500
(7333 PC-109)	Warehouse Bldg. Int. Drywall Walls: Beige Paint	West Wall	150 ppm	1,000
Notes:		ppm=parts per million		
ft^2= square feet		SE=Southeast		
NE=Northeast		SW=Southwest		
NW=Northwest		< = less than		

5.2.3 PCB Results in Building Materials

In addition to the visual assessment to identify universal waste materials, CSC collected 45 bulk samples of potential PCB-containing materials and 6 wipe samples of potential PCB-containing oils.

The three large transformers mentioned by AECOM are still present at the front of the jail building. Although they could not be examined closely due to safety concerns, based on their age and size, they may contain a significant amount of PCBs. Based on staining on the transformers and equipment around them, they appear to have leaked. Photographs of the transformers are included in Appendix A. The hydraulic fluids in the elevators may also contain PCBs.

The sampling locations and analytical results are provided in the Limited Hazardous Building Materials Survey report and included as Appendix C. Two bulk samples collected within the jailhouse building exceeded the screening level of 5 ppm. The table below summarizes the bulk and wipe sample results.

Summary of Detected Polychlorinated Biphenyls Results in Bulk Samples

Sample ID	Sample Location within Jail Building			Primary Material Sampled	Sampled Material Description	Total PCBs EPA Method 8082 TSCA Threshold 50 ppm	
	Interior/ Exterior	**Building Floor or Area**	**Feature**			**Result (ppm)**	**Aroclor(s) Detected**
CAULK-02	Exterior	West window and wall, original building	Wall seam	Caulk	Gray caulk	**0.099 J p**	Aroclor - 1254
TRANSF-01	Exterior	Roof, mechanical/elev ator room	Transite board w/ transformers	Paper	Black/tan paper	**15**	Aroclor - 1268
WIRE-01	Exterior	Roof, mechanical room	Electrical panel	Wiring	Black cloth insulation	**2.1 J**	Aroclor - 1254
PAINT-09	Interior	5th floor, E side	Wall	Paint	Beige paint	**1.9**	Aroclor - 1254
PAINT-14	Interior	4th floor, addition ceiling	Ceiling	Paint	Beige paint	**0.92 p**	Aroclor - 1254
PAINT-19	Interior	3rd floor, jail cell addition	Metal bars	Paint	Beige paint	**0.49 p**	Aroclor - 1260
PAINT-20	Interior	3rd floor, jail cell addition	Support column	Paint	Beige paint	**3.1 p**	Aroclor - 1260

Summary of Detected Polychlorinated Biphenyls Results in Bulk Samples							
Sample ID	Sample Location within Jail Building			Primary Material Sampled	Sampled Material Description	Total PCBs EPA Method 8082 TSCA Threshold 50 ppm	
	Interior/ Exterior	**Building Floor or Area**	**Feature**			**Result (ppm)**	**Aroclor(s) Detected**
PAINT-21	Interior	2nd floor, jail barred door	Metal door	Paint	Black/blue paint	**0.59 p**	Aroclor - 1254
COATING-02	Interior	2nd floor, floor	Floor coating	Coating	Black coating	**0.43 J p**	Aroclor - 1254
PAINT-25	Interior	S basement entrance	Wall	Paint	Gray paint	**13**	Aroclor - 1254

Notes:
EPA = U.S. Environmental Protection Agency
All samples analyzed for Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260.
Detected results are shown in **bold**.
No detected concentration exceeds the TSCA threshold of 50 ppm for bulk material samples (40 CFR 761).
< = Not detected at reporting limit shown
J = Analyte detected; reported at estimated concentration between reporting limit and method detection limit.
p = The relative percent difference between primary and confirmation column/detector is greater than 40%. Lower value reported.
PCB = Polychlorinated biphenyl
ppm = parts per million
TSCA = Toxic Substances Control Act

5.3 SOIL SAMPLING RESULTS

The laboratory analytical results for surface, shallow subsurface, and subsurface samples are listed in Tables 1 through 9 in the Tables section. The analytical and data validation reports are provided in Appendix D. The results are discussed below. Sampling locations are shown on Figure 3 and locations of analyte results exceeding the Site screening levels are provided on Figures 5 and 6.

5.3.1 Metals Results in Surface and Shallow-subsurface Soil Sampling Results

Results for metals in surface and shallow subsurface soils are provided in Table 1. Site soils contained concentrations of two metals (cadmium and lead) that exceeded their respective screening levels as follows:

Cadmium was detected in one surface soil sample, SS-06-0, at a concentration of 7.1 milligrams per kilogram (mg/kg), which exceeds the DTSC-SL for residential soil of 5.2 mg/kg.

Lead was detected in four surface soil samples, including one field duplicate (SS-02-0, SS-08-0, SS-05-0, and SS-06-0), and one shallow subsurface sample (SS-04-2) at concentrations exceeding the DTSC-SL for residential soils and the ESL of 80 mg/kg at concentrations ranging from 96 mg/kg to 510 mg/kg. Additionally, lead was detected in surface sample SS-06-0 at a concentration of 510 mg/kg, exceeding the DTSC-SL for industrial soils and the RSL for residential soils.

Summary of Metal Results in Surface and Shallow Subsurface Soil Samples		
Sample Information	**Cadmium**	**Lead**
Number of Samples (including duplicates)	12	12
Detected Result Range (mg/kg)	ND (<0.5) – 7.1	8.3 – 510
Number of Detections (including duplicates)	8	12
Screening Level(s) (mg/kg)	5.2 (DTSC-SL residential soil)	80 (ESL, DTSC-SL residential soil) 320 (DTSC-SL industrial soil) 400 (RSL residential soil)
Number of Exceedances (including duplicates)	1 (DTSC-SL residential soil)	5 (ESL, DTSC-SL residential soil) 1 (DTSC-SL industrial soil) 1 (RSL residential soil)

Notes:
mg/kg = milligrams per kilogram
ND = non-detect
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February.
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.

5.3.2 Subsurface Soil Sampling Results

Results for metals in surface and shallow subsurface soils are provided in Table 2. Site soil contained concentrations of one metal (lead) that exceeded the screening level as follows:

- Lead was detected in one subsurface sample, SS-06-5 at an estimated concentration of 85 mg/kg, exceeding the DTSC-SL for residential soils and the ESL of 80 mg/kg.

Summary of Metal Results in Subsurface Soil Samples	
Sample Information	**Lead**
Number of Samples (including duplicates)	14
Detected Result Range (mg/kg)	1.5 – 85 J
Number of Detections (including duplicates)	14
Screening Level(s) (mg/kg)	80 (ESL, DTSC-SL residential soil)

Summary of Metal Results in Subsurface Soil Samples	
Sample Information	**Lead**
Number of Exceedances (including duplicates)	1 (ESL, DTSC-SL residential soil)

Notes: J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
mg/kg = milligrams per kilogram
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.

5.3.3 Volatile Organic Compound Results in Surface and Shallow Subsurface Soil Samples

VOCs were not detected in any of the surface or shallow subsurface soil samples in exceedance of screening levels. Sample locations are presented on Figure 3 and laboratory analytical results for VOCs in surface and shallow subsurface soil samples are presented in Table 3.

5.3.4 Volatile Organic Compound Results in Subsurface Soil Samples

VOCs were not detected in any of the subsurface soil samples in exceedance of screening levels. Sample locations are presented on Figure 3 and laboratory analytical results for VOCs in subsurface soil samples are presented in Table 4.

5.3.5 Total Petroleum Hydrocarbon Results in Surface and Shallow Subsurface Soil Samples

One surface sample (SS-02-0), and its field duplicate (SS-08-0), contained TPH-g at a concentration of 110 mg/kg, which is above the ESL of 100 mg/kg. Sample locations are shown on Figure 3 and laboratory analytical results for TPH-d, TPH-g, and TPH-mo are presented in Table 5.

Summary of Total Petroleum Hydrocarbons as Gas	
Sample Information	**TPH-g**
Number of Samples (including duplicate)	10
Detected Result Range (mg/kg)	25 - 110
Number of Detections (including duplicates)	8
Screening Level - ESL (mg/kg)	100
Number of Exceedances (including duplicates)	2

Notes:
mg/kg = milligrams per kilogram
TPH-g = total petroleum hydrocarbons as gas
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs) (2016). February

5.3.6 Total Petroleum Hydrocarbon Results in Subsurface Soil Samples

TPH was not detected above the laboratory method detection limits in any subsurface sample. Sample locations are presented on Figure 3 and laboratory analytical results for VOCs in discrete soil samples are presented in Table 6.

5.3.7 Polycyclic Aromatic Hydrocarbons in Surface and Shallow Subsurface Soil Samples

Detected concentrations of PAHs in the surface or shallow subsurface soil samples did not exceed screening levels. Sample locations are presented on Figure 3 and laboratory analytical results for PAHs in surface and shallow subsurface soil samples are presented in Table 7.

5.3.8 Polychlorinated Biphenyls in Surface and Shallow Subsurface Soil Samples

PCBs were non-detect in all surface and shallow subsurface soil samples analyzed for PCBs. Sample locations are presented on Figure 3 and laboratory analytical results for PCBs in surface and shallow subsurface soil samples are presented in Table 8.

5.3.9 Tentatively Identified Compounds in Surface and Shallow Subsurface Soil Samples

Although they were not analytes targeted by the methods used in the Phase II soil sampling work, and therefore cannot be definitively identified, the organochlorine pesticides toxaphene and or DDE were reported as tentatively identified compounds (TICs) in the three of the four surface and shallow subsurface soil samples (SS-05-0, SS-05-2, and SS-06-0) collected from the front of the jail building. The estimated concentration of toxaphene in sample SS-06-0 (2,500 micrograms per kilogram [µg/kg]) exceeded both the residential (490 µg/kg) and commercial (2,100 µg/kg) RSL. Laboratory analytical results for TICs in soil samples are presented in Table 9.

5.4 SUB-SLAB SOIL GAS AND SOIL GAS SAMPLING RESULTS

Sub-slab sample locations are shown on Figure 4. As shown, sub-slab samples were collected at four locations. Laboratory results for VOCs in sub-slab soil gas samples are presented in Table 10. One or more VOCs exceeded a DTSC-SL for sub-slab soil gas in all five sub-slab soil gas samples, including one duplicate. Because the boring met refusal at approximately 3 feet bgs, soil gas sample SB-05-2.9 was collected at 2.9 feet bgs. All other soil gas samples were collected at 5 feet bgs.

Benzene exceeded the DTSC-SL for residential sub-slab soil gas of 1.96 micrograms per cubic meter (µg/m^3) in samples SUS-01, SUS-02, and SUS-04 at concentrations of 3 µg/m^3, 2.5 µg/m^3, and 3.8 µg/m^3, respectively. Benzene concentrations in sub-slab samples ranged from 1.7 µg/m^3 to 3.8 µg/m^3. Carbon tetrachloride exceeded the DTSCL-SL for residential sub-slab soil gas of 1.3 µg/m^3 in samples SUS-03 and its field duplicate SUS-05 at concentrations of 3.7 µg/m^3 and 4 µg/m^3, respectively. Methylene chloride exceeded the DTSC-SL for residential sub-slab soil

gas of 20 µg/m^3 in sample SUS-01 at a concentration of 24 µg/m^3. Tetrachloroethene (PCE) exceeded the DTSC-SL for residential sub-slab soil gas of 9.2 µg/m^3 in two samples, SUS-02 and SUS-04, at concentrations of 14 µg/m^3 and 16 µg/m^3, respectively.

The reporting limit for 1,1,2,2-tetrachlorothane in sample SUS-03 exceeds the DTSC-SL for residential sub-slab soil gas of 0.96 µg/m^3. Therefore, it is not clear if the 1,1,2,2-tetrachloroethane exceeds the screening level in sample SUS-03. All other sample results for 1,1,2,2-tetrachlorothene are non-detect with reporting limits below all screening levels.

Summary of Sub-Slab Soil Gas Sample Results

Sample Information	Benzene	Carbon Tetrachloride	Methylene Chloride	Tetrachloroethene
Number of Samples (including duplicates)	5	5	5	5
Detected Result Range (µg/m^3)	1.6 – 3.8	0.48 – 4	ND (<1.7) - 24	0.54 - 16
Number of Detections (including duplicates)	5	5	4	5
Screening Level(s) (µg/m^3)	1.9 (DTSC-SL for residential sub-slab soil gas)	1.3 (DTSC-SL for residential sub-slab soil gas)	20 (DTSC-SL for residential sub-slab soil gas)	9.2 (DTSC-SL for residential sub-slab soil gas)
Number of Exceedances (including duplicates)	3	2	1	2

Notes:
µg/m^3= micrograms per cubic meter
ND = non-detect
DTSC-SL= Department of Toxic Substances Control (DTSC) Screening Level (SL) for residential and industrial air (DTSC, 2018).

Laboratory results for VOCs in soil gas samples collected from borings are presented in Table 11. One or more VOCs exceeded at DTSC-SL for sub-slab soil gas in all seven soil gas samples collected at a depth of 5 ft bgs or less, including one field duplicate.

PCE exceeded the DTSC-SL for residential sub-slab soil gas of 9.2 µg/m^3 in all soil gas samples. PCE concentrations in soil gas samples ranged from 25 µg/m^3 to 130 µg/m^3. PCE exceeded the DTSC-SL for industrial sub-slab soil gas of 40 µg/m^3 in soil gas samples SB-01-5, SB-02-5, SB-04-5, SB-05-2.9, and SB-06-5 at concentrations of 130 µg/m^3, 78 µg/m^3, an estimated concentration of 48 µg/m^3, 70 µg/m^3, and 90 µg/m^3, respectively. The EPA VISL for residential soil gas for 1,1-dichlorothane of 59 µg/m^3 was exceeded in sample SB-03-5 at a concentration of 81 µg/m^3. Benzene exceeded the DTSC-SL for residential sub-slab soil gas of 1.9 µg/m^3 in samples SB-02-5 and SB-05-2.9 at concentrations of 3.5 µg/m^3 and 10 µg/m^3, respectively.

The laboratory reporting limit exceeded one or more screening levels for several analytes: 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,2-dibromoethane, 1,2-dichloropropane, bromodichloromethane, carbon tetrachloride, dibromochloromethane, hexachlorobutadiene, and vinyl chloride. Therefore, it is not clear whether a screening level was exceeded in soil gas samples for those analytes. PCE, however, exceeded the DTSC-SL for residential sub-slab soil gas in all soil gas samples collected.

Summary of Soil Gas Sample Results for Volatile Organic Compounds			
Sample Information	**Benzene**	**1,1-Dichloroethane**	**Tetrachloroethene**
Number of Samples (including duplicates)	7	7	7
Detected Result Range (µg/m^3)	1.4 - 10	81	23 J - 130
Number of Detections (including duplicates)	4	1	7
Screening Level(s) (µg/m^3)	1.9 (DTSC-SL for residential sub-slab soil gas) 8.4 (DTSC-SL for industrial sub-slab soil gas)	59 (EPA VISL for residential soil gas)	9.2 (DTSC-SL for residential sub-slab soil gas) 40 (DTSC-SL for industrial sub-slab soil gas)
Number of Exceedances (including duplicates)	2 (DTSC-SL for residential sub-slab soil gas) 1 (DTSCL-SL for industrial sub-slab soil gas)	1 (EPA VISL for residential soil gas)	7 (DTSC-SL for residential sub-slab soil gas) 5 (DTSCL-SL for industrial sub-slab soil gas)

Notes:
µg/m^3= micrograms per cubic meter
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit.
VISL=EPA Vapor Intrusion Screening Levels (VISLs) for residential and industrial indoor air (EPA, 2018)
DTSC-SL= Department of Toxic Substances Control (DTSC) Screening Level (SL) for residential and industrial air (DTSC, 2018). Screening level includes 0.05 attenuation factor per DTSC guidance (DTSC 2011).

5.5 AMBIENT AIR SAMPLING RESULTS

A total of three ambient air samples were collected outside of the former jail and inside of the former jail building, including one field duplicate. The samples were analyzed for VOCs using EPA Method TO-15. Several VOCs exceeded screening levels in all three samples. Sample locations are shown in Figure 4 and VOCs results for ambient air samples are presented in Table 12. Benzene exceeded the DTSC-SL for residential indoor air of 0.097 µg/m^3, the DTSC-SL for industrial air of 0.42 µg/m^3 and the EPA VISL of 0.36 µg/m^3. Benzene was detected at concentrations ranging from 0.71 µg/m^3 to 0.75 µg/m^3. Carbon tetrachloride was detected above the DTSC-SL for residential indoor air of 0.067 µg/m^3, the DTSC-SL for industrial air of 0.29 µg/m^3, and the EPA VISL of 0.47 µg/m^3. Carbon tetrachloride was detected at concentrations ranging from 0.51 µg/m^3 to 0.54 µg/m^3. Chloroform was detected above the EPA VISL for residential indoor air of 0.12 µg/m^3 at concentrations ranging from 0.13 to 0.15 µg/m$^{3.}$ Methylene chloride exceeded the DTSC-SL for residential indoor air of 1.0 µg/m^3 at concentrations ranging from 3.6 µg/m^3 to 4.8 µg/m^3.

The reporting limit exceeded one or more screening levels for several analytes: 1,1,2,2-tetrachlorthane, 1,2-dibromoethane, and vinyl chloride. Therefore, it is not clear whether a screening level was exceeded in ambient air samples for those analytes. The VOCs benzene, carbon tetrachloride, and methylene chloride, however, were detected at concentrations above one or more screening levels. Because VOCs exceeding the screening level were detected at similar concentrations in the air sample collected inside the former jail and in the air sample collected outside of the buildings onsite, it is unclear whether the source of VOCs detected in the air samples is onsite.

As noted in Section 5.4, benzene, carbon tetrachloride, and methylene chloride were also detected in sub-slab samples collected from all three buildings onsite at concentrations exceeding one or more screening levels. Benzene was also detected in two soil gas samples above the DTSC-SL for residential sub-slab soil gas.

Three air samples (including a duplicate) collected from breathing space air in the fumigation room on consecutive days were analyzed for chloropicrin and methyl bromide. Methyl bromide and chloropicrin were not detected in any samples. However, the reporting limit for chloropicrin was above the EPA VISL screening levels for residential and industrial air of 0.42 µg/m^3 and 1.7 µg/m^3. The reporting limit for chloropicrin was 2.6 µg/m^3 and 2.7 µg/m^3. Although this adds some uncertainty, chloropicrin was not detected at a method detection limit of 10 nanograms on any filter and it is unlikely it is present in ambient air. Chloropicrin and methyl bromide results are summarized in Table 13.

Summary of Ambient Air Sample Results for Volatile Organic Compounds				
Sample Information	**Benzene**	**Carbon Tetrachloride**	**Chloroform**	**Methylene Chloride**
Number of Samples (including duplicates)	3	3	3	3
Detected Result Range (µg/m^3)	0.71 – 0.75	0.51 – 0.54	0.13 – 0.15	3.6 – 4.8
Number of Detections (including duplicates)	3	3	3	3
Screening Level(s) (µg/m^3)	0.36 (EPA VISL for residential indoor air) 0.097 (DTSC-SL for residential indoor air) 0.42 (DTSC-SL for industrial indoor air)	0.47 (EPA VISL for residential indoor air) 0.067 (DTSC-SL for residential indoor air) 0.29 (DTSC-SL for industrial indoor air)	0.12 (EPA VISL for residential indoor air)	1.0 (DTSC-SL for residential indoor air)
Number of Exceedances (including duplicates)	3 (EPA VISL for residential indoor air) 3 (DTSC-SL for residential indoor air) 3 (DTSC-SL for industrial indoor air)	3 (EPA VISL for residential indoor air) 3 (DTSC-SL for residential indoor air) 3 (DTSC-SL for industrial indoor air)	3 (EPA VISL for residential indoor air)	3 (DTSC-SL for residential indoor air)

Notes:
µg/m^3= micrograms per cubic meter
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit.
VISL=EPA Vapor Intrusion Screening Levels (VISLs) for residential and industrial indoor air (EPA, 2018)
DTSC-SL= Department of Toxic Substances Control (DTSC) Screening Level (SL) for residential and industrial air (DTSC, 2018).

5.6 WASTE CHARACTERIZATION SAMPLES

Waste characterization sampling of selected soil samples was performed to evaluate potential disposal options if soil were removed from the Site. Total lead and chromium were detected at concentrations that would necessitate STLC and/or TCLP analysis in the event soil is removed from the Site for disposal in one or more soil samples. Lead was detected in six soil samples (SS-02-0, SS-08-0, SS-4-2, SS-05-0, SS-06-0, and SS-06-5) at concentrations greater than the threshold for STLC testing of 50 mg/kg or the TCLP threshold of 100 mg/kg. Additionally, surface soil sample SS-06-0 contained total chromium at a concentration greater than the 10 mg/kg threshold for STLC solubility testing.

To determine STLC concentrations, California Waste Extraction Test (CA-WET) extractions were conducted on two selected soil samples, one for lead analyses (SS-05-0), one for lead and chromium analysis (SS-06-0). Detected concentrations of the target metals exceeded the STLC threshold of 5 milligrams per liter (mg/L) for lead in sample SS-06-0. To determine TCLP concentrations, TCLP extractions were conducted on two surface soil samples (SS-05-0 and SS-06-0) for lead analysis. Detected concentrations of lead were less than the applicable TCLP threshold for Resource Conservation and Recovery Act (RCRA) hazardous waste determination. Laboratory analytical results for STLC and TCLP are presented in Table 14. The laboratory

analytical and data validation reports are provided in Appendix D. The waste characterization results for lead are summarized in the table below.

Summary of Waste Characterization Results					
Sample Information	**Depth (feet bgs)**	**Analyte**	**Total (mg/kg)**	**STLC (mg/L)**	**TCLP (mg/L)**
SS-05-0	0-0.5	Lead	260	4.8	0.1
SS-06-0	0-0.5	Lead	510	**12**	0.12
SS-06-0	0-0.5	Chromium	66	**1.8**	NA
Hazardous Waste Threshold		Lead	1,000	5	5
Hazardous Waste Threshold		Chromium	2,500	5	5

bgs = below ground surface
mg/kg = milligrams per kilogram
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
Bold and Underlined value exceeds a threshold
mg/L = milligrams per liter
NA = not analyzed

5.7 EQUIPMENT BLANK RESULTS

An equipment blank sample was collected from the decontaminated soil sampling and drilling equipment. The sample was analyzed for CAM 17 metals, TPH-d, TPH-g, TPH-mo, and VOCs. Analytes were not detected at concentrations greater than the respective method detection limit.

6. VAPOR ENCROACHMENT SCREENING

The objective of a vapor encroachment screening is to conduct an initial evaluation to determine whether current or historical practices associated with the Site or surrounding properties have the potential to create a Vapor Encroachment Condition (VEC). ASTM E2600-10 (ASTM, 2010) defines VEC as "the presence or likely presence of chemicals of concern vapors in the subsurface of the target property caused by the release of vapors from contaminated soil and/or groundwater on or near the subject property as identified by Tier 1 or Tier 2 procedures."

The Tier 1 VEC screening consists of a three-step process to evaluate the Site and surrounding properties using the following screening process: (1) a search distance test, (2) a chemical of concern test, and (3) a critical distance text. There are three possible conclusions resulting from the Tier 1 screening process:

1. A potential VEC exists.
2. A VEC cannot be ruled out.
3. A VEC can be ruled out because a VEC does not or is not likely to exist.

Based on the Phase I report and the review of historical documents for nearby properties, nearby sites with historical releases of VOCs are known to be present in the area. Additionally, due to past operational practices a VEC could not be ruled out and a Tier 2 evaluation was performed. The following sections describe the findings of the Tier 1 screening and follow-on Tier 2 evaluation.

6.1 TIER 1 SEARCH DISTANCE TEST

The first step of identifying a VEC is to conduct a search distance test to determine known or suspect contaminated properties that may be close enough to impact the Site. Historical documents and regulatory database reports were reviewed to identify sites with the potential to affect subsurface vapor conditions. As required by ASTM E2600-10, the minimum search radius of 1/3 mile for non-petroleum hydrocarbon chemicals of concern (e.g., VOCs) and 1/10 mile for petroleum hydrocarbon chemicals of concern were used in the search.

Historical business operations potentially contributing to contamination at the Site include the former paint shop, repair operations, jail laundry, and a gasoline storage area on the southern portion of the Site. Three former USTs were noted on the southern portion of the Site in the 2016 Phase I report (AECOM, 2016), but the USTs were reportedly used to store diesel fuel. At least one partially full UST is present. Additionally, a dry cleaning chemicals release is suspected to have occurred from a former dry-cleaning facility east of and across the street from the Site and dry-cleaning chemicals may have been used in the jail laundry. The former activities at the Site and potential releases from dry cleaning facilities may have impacted the Site with petroleum hydrocarbons, chlorinated hydrocarbons, and other VOCs and may constitute a VEC at the Site.

6.2 TIER 1 CHEMICAL OF CONCERN TEST

A chemical of concern test is completed to determine whether the identified properties in the search test contain a chemical of concern at the Site. Former paint shop, repair operations, and a gasoline storage area on the southern portion of the Site, USTs formerly at or near the Site, and a dry-cleaning facility in the jail or vicinity of the Site are expected to be potential sources of chemicals of concern.

6.3 TIER 1 CRITICAL DISTANCE TEST

A critical distance test is completed to determine the distance of potential chemical(s) of concern from the Site. The critical distance test is defined as the distance from the nearest edge of a contaminant plume to the nearest Site boundary, 100 feet for VOC chemicals of concern, 30 feet for dissolved volatile petroleum hydrocarbons, and 100 feet for petroleum light non-aqueous phase liquids accumulating above the water table. Although no contaminant plumes are currently known to exist at or near the Site, based on the historical uses of the Site and neighboring properties, VOCs, dissolved phase petroleum hydrocarbons, and petroleum light non-aqueous phase liquids are possible within the critical distance of the Site.

6.4 TIER 2 EVALUATION OF SOIL GAS DATA

Based on the historical uses of the Site and a nearby dry-cleaning facility, sub-slab soil gas, soil gas, and ambient air sampling was recommended as part of Phase II activities at the Site. In accordance with the methods in the Sampling and Analysis Plan (SAP) (WESTON, 2018), five soil gas samples were collected, including one field duplicate, from beneath the concrete slab floors of the three buildings. Seven soil gas samples, including one field duplicate, were collected at soil boring locations throughout the Site. Additionally, three ambient air samples, including one field duplicate, were collected. One ambient air sample was collected outside, and one ambient air sample was collected inside the former jail building. All soil gas and air samples were analyzed using EPA Method TO-15 for VOCs. As noted in Sections 5.4 and 5.5, targeted analytes exceeded screening levels for sub-slab soil gas as well as indoor air.

Benzene, carbon tetrachloride, methylene chloride, and PCE exceeded the DTSC-SL for residential sub-slab soil gas in sub-slab samples collected at the Site. Benzene and PCE also exceeded the DTSC-SL for industrial sub-slab soil gas in one or more soil gas samples collected at the Site. 1,1-Dichloroethane exceeded the EPA VISL for residential target sub-slab and near-source soil gas concentration in one soil gas sample collected at the Site.

As noted in Section 5.5, ambient air samples collected both inside and outside of the former jail building contained the VOCs benzene and carbon tetrachloride at concentrations above the EPA VISL for residential indoor air, DTSC-SL for residential indoor air, and DTSC-SL for industrial indoor air. Chloroform was detected in all air samples above the EPA VISL for residential indoor air, and methylene chloride was detected in all air samples above the DTSC-SL for residential indoor air. Because the concentrations of VOCs exceeding the screening levels was similar in both indoor and outdoor air samples, it is not clear that the VOCs present in air samples are emanating from a source underneath the Site.

6.5 VAPOR ENCROACHMENT CONDITION SCREENING CONCLUSIONS

Based on the results of the soil gas sampling and the observed current and former uses of the facilities, a VEC currently exists at the Site. VOCs are present above both residential and commercial-use scenarios in sub-slab soil gas and soil gas samples.

7. EXCEPTIONS, DELETIONS, AND DATA GAPS

The Phase II ESA was conducted in general conformance with the scope and limitations of ASTM E1903-11 for the Site. Exceptions to, or deletions from, this practice include the following:

- Interviews with past owners and operators at the Site were not conducted because these were part of the recent Phase I assessments completed for the Site (AECOM 2016). The Phase II soil and soil gas investigation sampling and comprehensive analytical analyses addressed potential Recognized Environmental Conditions (RECs) from previous Phase I and Phase II investigations at the Site.

- Because of safety concerns regarding access and accumulated pigeon droppings, elevator hydraulic fluids could not be sampled. These fluids may contain PCBs. This is considered a data gap.

- It is unclear whether the pesticides toxaphene and or DDE are present. Although they were not target analytes of EPA Method 8082, they were tentatively identified by that analysis. The lack of definitive data regarding their presence is considered a data gap.

- Although the reporting limits were above the screening levels of 10 VOCs in the sub-slab soil gas results and three VOCs in the ambient air results, it is not considered necessary to address this directly because other VOCs (e.g., benzene, carbon tetrachloride, and methylene chloride) were present at concentrations that exceeded residential screening levels. Because other VOCs were present above applicable screening levels, it was assumed that a remedy that addresses VOCs would be necessary for all residential exposure scenarios, and because the proposed remedies are not specific to a particular VOC, it is not necessary to quantify or otherwise characterize the VOCs with reporting limits above screening values in this study.

- The lateral and vertical extent of lead and pesticides in soil is considered a data gap. Lead and potentially pesticides were identified in soil at concentrations exceeding residential land use screening levels. Given the redevelopment plans for the site, additional sampling should be performed throughout the Site.

- The exact nature and extent of TPH soil contamination at the site was not determined and is considered a data gap.

The lateral and vertical extent of VOCs in soil gas is considered a data gap. Additional subsurface soil and soil vapor sampling is recommended to laterally and vertically characterize identified VOC impacts in subsurface soil gas at the site. Further, if soil gas sampling is performed, it is recommended that soil samples are collected at 5-foot intervals for VOC analysis and placed on hold pending the results of the soil vapor sampling results. These exceptions are not thought to have had a material impact on the findings and conclusions of the ESA.

8. CONCLUSIONS, OPINIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

The Site is composed of an approximately 4.8-acre parcel that is triangular in shape and contains three City-owned structures. The structure in the central portion of the Site is a 5-story 229,120-square-foot building (formerly Lincoln Heights Jail) that is currently unoccupied. The structures on the southern portion of the Site are two single-story buildings approximately 7,300 and 11,800 square feet in size that have been occupied for the last 20 years by City of Los Angeles Department of Transportation. Both are well-maintained and appear to be in fair to good condition.

The former Lincoln Heights Jail building is currently vacant but had been used as storage and office space by various companies since closure of the former jail in 1965. It is unclear when that occupancy ceased; however, it does not appear to have been legally occupied for at least 10 years.

The Phase II ESA included a geophysical survey; a hazardous building materials survey; and soil, indoor air, and sub-slab soil gas sampling to identify RECs associated with the past use of the Site and surrounding properties.

The geophysical survey provided evidence of a UST and numerous other buried utilities at the rear of the jail. The presence of lead, cadmium, dry cleaning chemicals, TPH-g, and, potentially, organochlorine pesticides in surface and shallow subsurface soil samples located throughout the Site footprint are most likely related to past operational practices onsite. Spills, leaks, and drips from these operations appear to have contaminated the shallow subsurface soils near surface drains with concentrations that, in some cases, exceed screening levels for residential exposure scenarios. The concentrations are generally less than the screening levels for commercial/industrial scenarios, with the exception of the lead concentration in sample SS-06-0, which is present at a concentration greater than the DTSC-SL for industrial soil. The presence of lead at subsurface sample SS-06-5 is likely related to past operations onsite.

The hazardous building material survey documented that ACM and LBP are present in the former jail building as well as the office building. PCBs are present in building materials above the screening level within the former jailhouse building. At least one “Exit” sign that likely contains tritium is present in the jail building. Loose asbestos and pigeon droppings coat most interior surfaces of the jail. Accumulated pigeon droppings are present in at least one elevator well and in other areas of the building.

Based on the TBA soil gas sampling results, a VEC exists at the Site if it is used as a residence or for commercial purposes. One or more sub-slab soil gas samples contained benzene, carbon tetrachloride, methylene chloride, and PCE at concentrations exceeding the DTSC-SL for residential sub-slab soil gas. Benzene was detected at concentrations above the DTSC-SL for residential sub-slab soil gas in three samples. Carbon tetrachloride was detected at concentrations above the DTSC-SL for residential sub-slab soil gas in two samples. Methylene chloride was detected at concentrations above the DTSC-SL for residential sub-slab soil gas in one sample.

PCE was detected at concentrations above the DTSC-SL for residential sub-slab soil gas in two samples.

One or more soil vapor samples collected from soil boings onsite contained benzene, 1,1 -dichloroethane, and PCE at concentrations above DTSC-SLs. Benzene was detected at concentrations above the DTSC-SL for residential sub-slab soil gas in two samples and above the DTSC-SL for commercial sub-slab soil gas in one soil gas sample. 1,1-Dichloroethane was detected at concentrations above the DTSC-SL for residential sub-slab soil gas in one soil gas sample. PCE was detected at concentrations above the DTSC-SL for residential sub-slab soil gas in all seven soil gas samples and above the DTSC-SL for industrial sub-slab soil gas in five soil gas samples.

Ambient air samples contained benzene, carbon tetrachloride, chloroform, and methylene chloride above one or more screening levels. However, these constituents are typical in urban areas and were also detected in the ambient air sample collected onsite. No conclusions can be reached as to whether they are emitting from soil or chemicals at the Site. Although these chemicals are present in air and soil gas at the Site, it is unclear whether their presence is related to past operational practices or building materials at the Site, or is simply due to the urban nature of the Site.

8.2 CONCEPTUAL SITE MODEL

This Phase II ESA was conducted to provide an understanding of the contaminants at the Site and to aid in understanding potential exposure routes that may be present at the Site. The following section is a description of the Conceptual Site Model (CSM), which incorporates information from the Phase II ESA. In order to have a risk, there must be a potential receptor, a contaminant source, and a route of exposure (e.g., incidental ingestion of soil or LBP by workers or future residents, breathing in VOCs or asbestos, etc.). Potential routes of exposure are discussed below.

Based on the laboratory analytical results of samples collected, lead, cadmium, TPH-g, ACM, LBP, and PCBs are contaminants identified at the Site. Toxaphene may also be present in surface soils at the site. Gross contamination is generally not present or widespread at the site, with the exception of ACM and LBP within the former jail building. The above contaminants were generally not detected above screening levels for a commercial industrial scenario; however, contaminants are present at the site above screening levels applicable to a residential scenario.

Soils contaminated with metals, petroleum hydrocarbons, and, potentially, organochlorine pesticides were generally detected at concentrations above the screening levels only in the top 6 to 8 inches of soil. Currently, with the exception of the front of the jail building, there is little potential for direct exposure to the soil because the site is almost entirely paved with asphalt or concrete. However, future redevelopment actions that removed pavement could complete the receptor pathway. Similarly, exposure to ACM, LBP and PCBs in building materials can be mitigated, although the former jail building cannot currently be entered safely. Any renovations or even a lack of proper maintenance may expose (through inhalation or ingestion) workers to these contaminants and a potential for exposure exists until the contaminants are removed.

It is unclear whether VOCs detected in air samples are related to site contaminants. One VOC, PCE, may be emitting from a dry-cleaning facility in the vicinity of the Site or other source such as the former laundry. Ambient air sampling suggests that some VOCs detected are present in the ambient air. TPH-g was detected in shallow soils throughout the Site and a UST is present at the site. Therefore, some or all of the benzene detected in sub-slab soil gas, soil gas, and air samples may be due to an onsite source.

To aid in a thorough understanding of the environmental concerns present at the Site, a graphical presentation of the identified contaminants of concern and the migration pathways to potential receptors is included on Figure 7. Exposure Pathways and Potential Receptors depicted on the CSM are defined as follows.

Exposure Pathways describe how a human or environmental receptor comes into contact with contaminants that may be present at the Site. Exposure pathways presented in the CSM include the following:

Inhalation:	This pathway is applicable when receptors may inhale dust from the lead-impacted soil or VOCs in air. Almost all inhaled lead is absorbed into the body.
Dermal Absorption:	Exposure via dermal absorption occurs when receptors are exposed to chemical concentrations present in soil, groundwater, or surface water through direct contact with the skin.
Active Ingestion:	The active ingestion pathway represents exposure that may occur through the active ingestion of lead-impacted soil through normal hand-to-mouth activity.
Incidental Uptake:	This pathway is applicable when receptors may incidentally ingest lead-impacted soil in the form of dust or airborne particulates.

Potential receptors are categorized by duration of exposure and types of activities expected to be performed at the Site. Specific future Site use is identified as residential housing and or mixed retail and commercial development. The receptor categories shown in this CSM represent the reuse of the property and include the following:

- **Resident** – Residents living at the Site will spend frequent long durations of time at the Site. Types of activities performed by individual residents will vary widely and may include activities with a high potential of exposure to contaminants, such as children playing or adults gardening in contaminated soils if the current asphalt and concrete surfaces are removed. Additionally, residents may be at risk from contaminated air while occupying buildings onsite.
- **Worker –** Workers would spend an average of 40 hours per week at the Site. They are at risk of exposure to unhealthy concentrations should the current asphalt or concrete pavements be removed. Additionally, workers may be at risk from contaminated air while occupying buildings onsite. Landscape maintenance workers may be at risk for pesticides if toxaphene and other organochlorine pesticides are present.

- **Construction Worker –** Construction workers would be present at the Site during the redevelopment for a relatively short duration compared to residents. Construction workers would, however, be exposed to surface and shallow subsurface soils at the Site and may be at risk from metals, TPH, and pesticides.
- **Patron –** Patrons would be present at the Site for short durations of time and likely would not be significantly exposed to surface soil and dust during activities onsite. They are at a low risk of exposure to unhealthy concentrations should the current asphalt or concrete pavements be removed.

8.3 RECOMMENDATIONS

Surface and shallow subsurface soils that contain lead, cadmium, TPH-g, and possibly pesticides above Site screening levels should be capped or removed to prevent exposure or release and thus mitigate potential impacts to human health if the Site is used as a residence. Additionally, if soils are excavated for off-site disposal, preliminary solubility testing using the California WET test indicates that shallow soils would likely need to be disposed of as hazardous wastes. Additional waste disposal testing is recommended if soils are excavated for off-site disposal.

The lateral and vertical extent of VOCs in soil gas is considered a data gap. Additional subsurface soil and soil vapor sampling is recommended to laterally and vertically characterize identified volatile organic compound VOC impacts in subsurface soil gas at the site. Further, if soil gas sampling is performed, it is recommended that soil samples are collected at 5-foot intervals for VOC analysis and placed on hold pending the results of the soil vapor sampling results.

Building materials containing ACM, LBP, and PCBs will require proper abatement prior to any building renovation/demolition activities. Loose ACM exposed during vandalism of the former jail building will require abatement prior to other remedial or investigative activities within the building. Additionally, accumulated pigeon droppings and human waste should be removed from the former jail building prior to any remedial or investigative activities within the building. Other building materials that contain ACM, PCBs, mercury, tritium, and or LBPs should be removed and properly disposed of by a qualified contractor if/when the building is renovated for reuse or demolished. In the interim, these materials should be inspected on a regular basis to ensure they are not chipping, flaking, disintegrating, or otherwise becoming friable or more mobile. Inspections should occur in Level C or higher respiratory protection.

The UST or USTs present in the rear of the jail building should be emptied and removed as they may be an on-going source of contaminants to soil, soil gas, and or groundwater. The removal of any remaining hazardous materials along with any grossly contaminated soil around them is recommended to reduce the risk of an accidental exposure or release.

An ABCA should be prepared to evaluate cleanup alternatives required to address lead, cadmium, TPH-g, and, potentially, toxaphene reported above screening levels in surface soil; VOCs in soil vapor and air; and ACM/LBP/PCB; and whether other contaminated building material abatement is applicable to the buildings.

8.4 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional, as defined in 40 CFR Part 312.10 (EPA, 1987).

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Brian Milton
Environmental Professional
Weston Solutions, Inc.

9. DISCLAIMERS

This TBA is based on the conditions existing on the dates of the Site investigation. Past conditions were considered based on readily available records and recollections. It is possible that past or existing contamination remains undiscovered.

The conclusions presented herein are based on information provided to WESTON, or reasonably available to WESTON.

WESTON does not warrant or guarantee the subject property suitable for any particular purpose or certify the subject property as "clean."

Future regulatory modifications, agency interpretations, and/or policy changes may affect the compliance status of the subject alignment.

Detailed indoor air quality, vapor intrusion, occupational health and safety, radon, and wetland surveys were neither requested nor included as part of this project.

WESTON does not warrant or guarantee the correctness, completeness, and/or how current is the information contained in the environmental record sources used for this TBA. Such information is the product of independent investigation by parties other than WESTON and/or information maintained by federal, state, and local government agencies.

10. QUALIFICATIONS

Qualified professional staff, trained in performing the scope of work, conducted the Phase II ESA and prepared this TBA Report. The team included a Quality Assurance Manager and a Project Manager/Environmental Professional. Their roles and experience are described in more detail as follows:

- Anne Busher, Quality Assurance Manager – Ms. Busher is responsible for the overall quality of the project, including data quality and technical report quality. Ms. Busher has 25 years of experience in the environmental field.

- Brian Milton, Project Manager, Environmental Professional – Mr. Milton is responsible for all tasks assigned to WESTON by EPA; working with the EPA Quality Assurance Office to ensure project Quality Assurance goals are met; preparing the SAP; implementing the sampling design; collecting, handling, documenting, and transporting samples; generating field documentation of sampling activities; and preparing the Phase II ESA report. Mr. Milton has over 18 years of experience in the environmental field.

11. REFERENCES

AECOM. 2016. Phase I Environmental Site Assessment, Lincoln Height Jail, 401 North Avenue 19, Los Angeles, California 90031. September.

ASTM, International (ASTM). 2010. E2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. ASTM International, West Conshohocken, PA. June.

ASTM. 2011. E1903-11, Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. West Conshohocken, PA.

California Department of Toxic Substances Control (DTSC). 2011 Final Guidance For The Evaluation And Mitigation Of Subsurface Vapor Intrusion To Indoor Air (Vapor Intrusion Guidance). DTSC. October.

California Department of Toxic Substances Control (DTSC). 2018 Human Health Risk Assessment Note: 3, DTSC-modified Screening Levels. January

San Francisco Bay Regional Water Quality Control Board (RWQCB). 2016. Environmental Screening Levels Tier 1 ESL Summary Tables. February.

U.S. Department of Housing and Urban Development (HUD). 2012. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. July.

ENCORP, Inc. (ENCORP). 2014. Hazardous Materials Inspection Report, For the Commercial Property, Old Lincoln Heights Jail, 401 N. Ave 19, Los Angeles, California 90031, prepared for City of Los Angeles Department of General Services. November 6 and 7.

U.S. Environmental Protection Agency (EPA). 1987. 40 Code of Federal Regulations (CFR) Part 763; Asbestos-Containing Materials in Schools; Final Rule. October.

EPA. 1991. Wipe Sampling and Double Wash/Rinse Cleanup As Recommended By the Environmental Protection Agency PCB Spill Cleanup Policy, John H. Smith, Ph.D., Chief, PCB Disposal Section Chemical Regulation Branch, USEPA, April 18, 1991.

EPA. 2016. Vapor Intrusion Screening Level Calculator. https://www.epa.gov/vaporintrusion/vapor-intrusion-screening-levels-visls Last updated May, 2018.

EPA. 2018. Regional Screening Levels For Chemical Contaminants at Superfund Sites. http://www.epa.gov/region9/superfund/prg/ Last updated May 2018.

U.S. Geological Survey (USGS). 1966. USGS Hollywood, California, 1:24,000 scale, CA 7.5 minute topographic quadrangle. Accessed May 1, 2018. https://viewer.nationalmap.gov/basic/?basemap=b1&category=histtopo,ustopo&title=Map%20View#productSearch

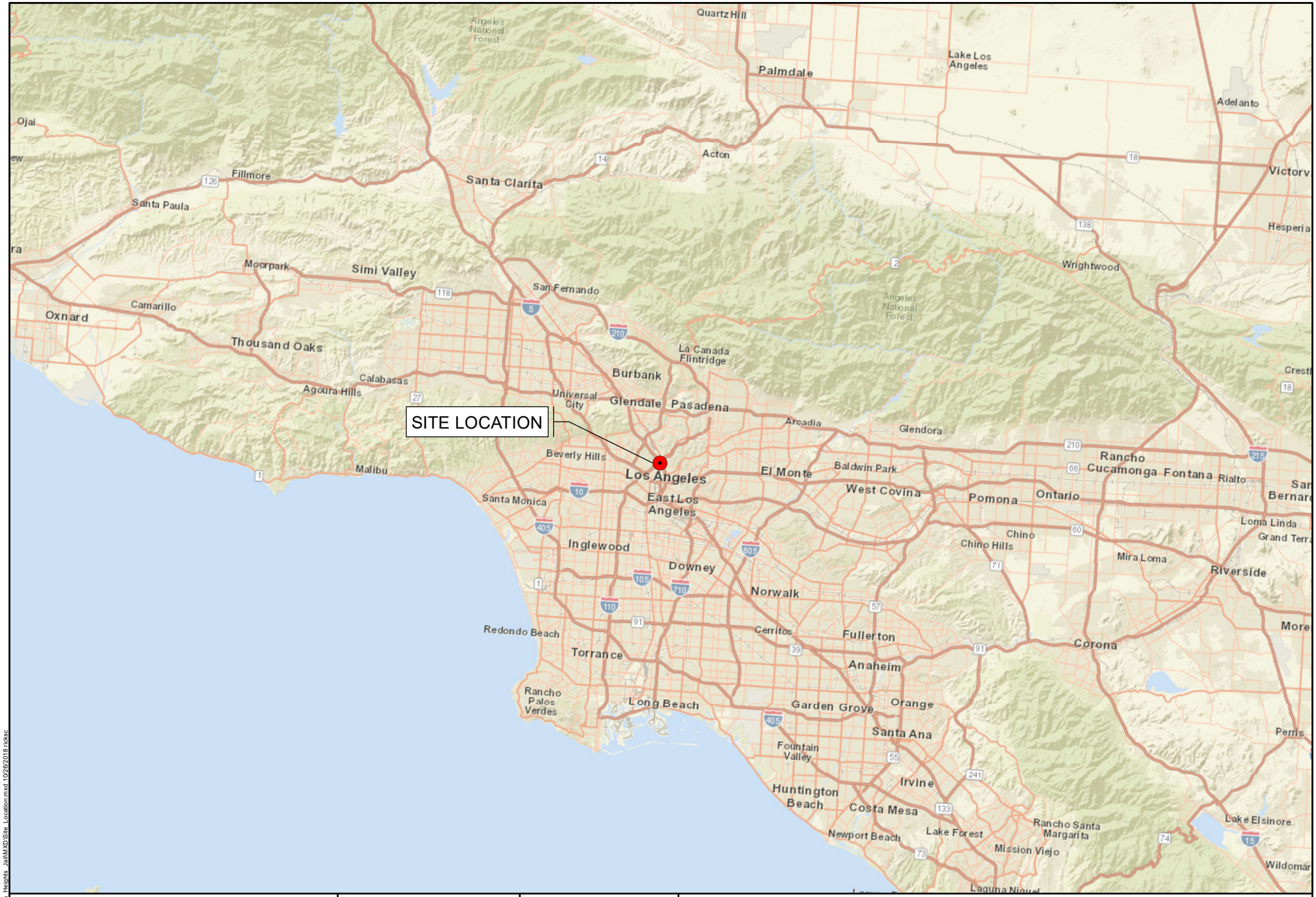
Water Replenishment District of Southern California (WRD). 2004. Technical Bulletin Volume 4: An Introduction to the Central and West Coast Groundwater Basins. Fall.

Western Regional Climate Center (WRCC). 2008. 2008 LCD for Los Angles Downtown, https://wrcc.dri.edu/Climate/west_lcd_show.php?iyear=2008%20&sstate=CA&stag=losangeles&sloc=Los+Angeles+Downtown,%20accessed%20June%2023,%202017 Accessed June 23, 2017.

Weston Solutions, Inc. (WESTON). 2018. Sampling and Analysis Plan for Former Lincoln Heights Jail Targeted Brownfields Assessment, Fresno, California. July.

Yerkes, R. F., McCulloh, T. H., Schoellhamer, J. E., & Vedder, J. G. 1965. Geology of the Los Angeles Basin California - an Introduction. 420-A.

FIGURES



PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure 1
SITE LOCATION MAP
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Site_Location.mxd 10/26/2018 rcksc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure 2
SITE LAYOUT MAP
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Site_Layout_zoom.mxd 10/26/2018 ricksc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownfields Program

Figure 2
SITE LAYOUT MAP
Los Angeles - Former Lincoln Heights Jail
Targeted Brownfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Site_Layout_zoom.mxd 10/26/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownfields Program

Figure 3
SOIL SAMPLE LOCATION MAP
Los Angeles - Former Lincoln Heights Jail
Targeted Brownfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Sample_Location_Soil.mxd 10/26/2018 rick.sc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

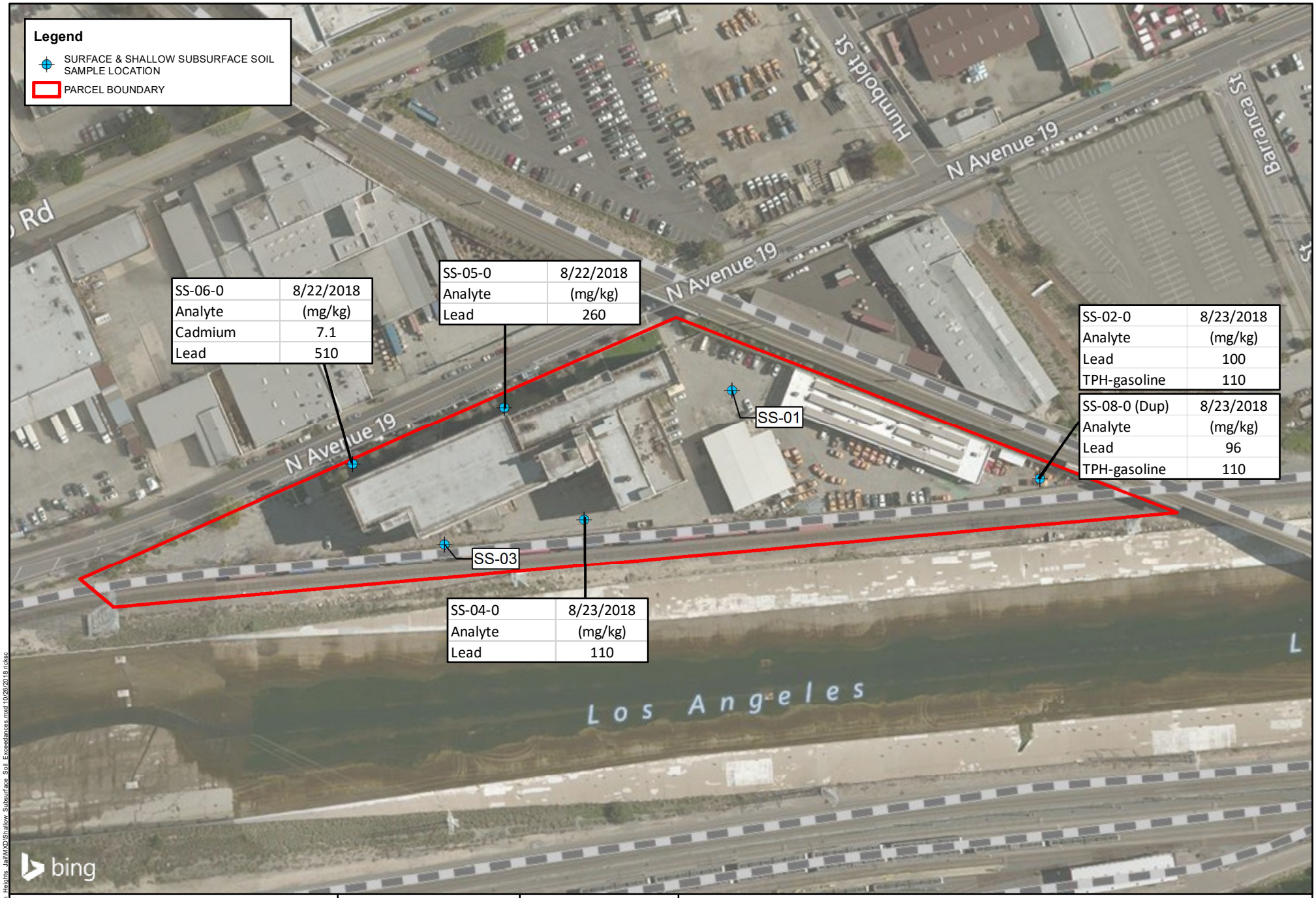
PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure 4
AIR AND SOIL GAS SAMPLE LOCATION MAP
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Sample_Location_Indoor.mxd 10/26/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM



0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

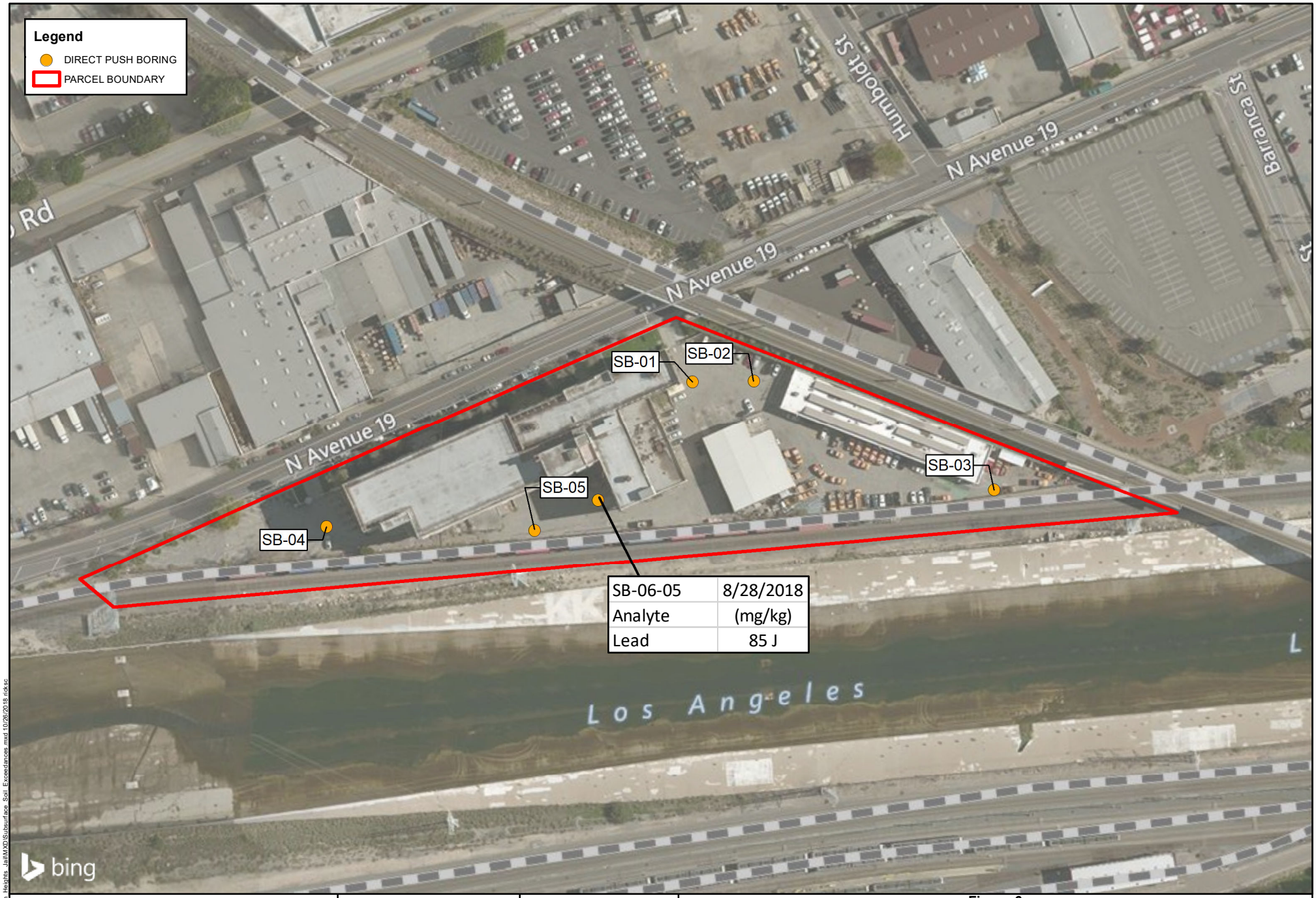
PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure 5
SHALLOW AND SHALLOW SURFACE
SOIL SAMPLE RESULTS-EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Shallow_Subsurface_Soil_Exceedances.mxd 10/26/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM



0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

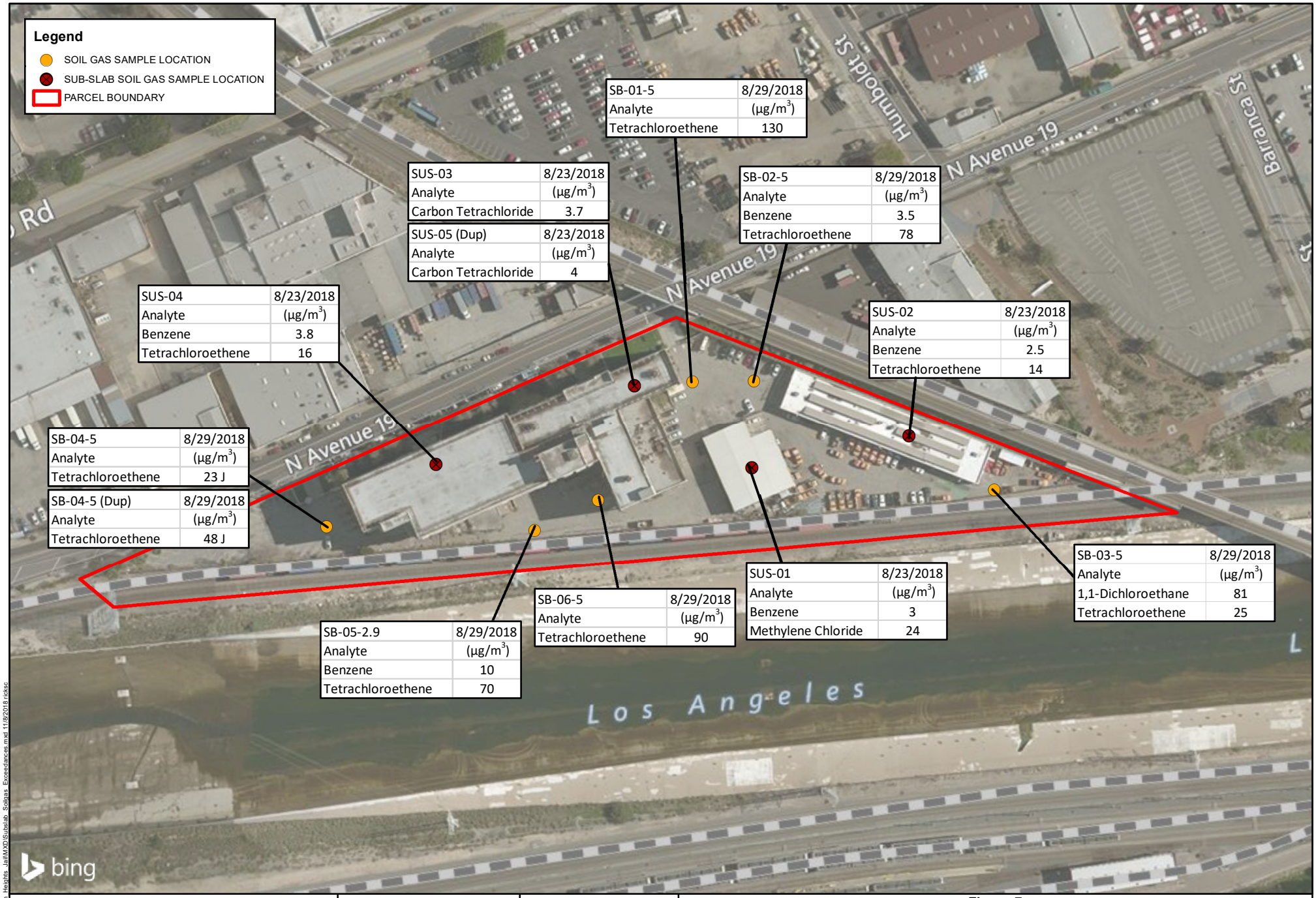
PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure 6
SUBSURFACE SOIL SAMPLE RESULTS-
EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Subsurface_Soil_Exceedances.mxd 10/26/2018 rick.sc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM



0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure 7
SUB-SLAB SOIL GAS AND SOIL GAS RESULTS-
EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Subslab_Soilgas_Exceedances.mxd 11/8/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003

Document Control Numberr: 0113-08-ABTM

0 Feet 300

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
2300 Clayton Road
Suite 900
Concord, CA 94520

PREPARED FOR:
EPA Region 9
Brownsfields
Program

Figure 8
AMBIENT AIR SAMPLE RESULTS-EXCEEDANCES OF SCREENING LEVELS
Los Angeles - Former Lincoln Heights Jail
Targeted Brownsfields Assessment
Los Angeles, Los Angeles County, California

Y:\EPA_Region9\Former_Lincoln_Heights_Jail\MXD\Ambient Air Exceedances.mxd 11/8/2018 rickscc

Contract: EP-S5-13-02; **TDD:** 0006/1302-T6-R9-16-06-0003
Document Control Numberr: 0113-08-ABTM

Source	Contaminants	Primary Release Mechanism	Secondary Source	Receptor
Historical operations and ambient air in urban environment	Petroleum hydrocarbons and VOCs	Historical spills or burning of petroleum hydrocarbons related to urban environment	Shallow Soils, indoor air, and soil gas	

Exposure Route	Resident	Worker	Construction Worker	Patron
Inhalation	◪	◪	■	□
Dermal Contact	◪	◪	■	□
Ingestion	□	□	◪	□
Incidental Ingestion	◪	◪	◪	□

Source	Contaminants	Primary Release Mechanism	Secondary Source	Receptor
Historical operations, LBP, urban air	Lead and cadmium	Historical Spills, and burning of leaded gas, leaded paint	Shallow soils	

Exposure Route	Resident	Worker	Construction Worker	Patron
Inhalation	◪	□	■	□
Dermal Contact	◪	□	■	□
Ingestion	□	□	◪	□
Incidental Ingestion	◪	◪	◪	□

Source	Contaminants	Primary Release Mechanism	Secondary Source	Receptor
Building Materials	Lead, PCBs, and asbestos	Construction materials, painting, demolition, and electrical equipment	Shallow Soils (lead) and building materials	

Exposure Route	Resident	Worker	Construction Worker	Patron
Inhalation	◪	◪	■	□
Dermal Contact	◪	◪	■	□
Ingestion	◪	□	■	□
Incidental Ingestion	◪	◪	■	□

LEGEND

- ■ Potentially complete pathway
- ◪ Potentially complete pathway, but judged to be minor
- □ Incomplete pathway

PREPARED BY:
Region 9, START
Weston Solutions, Inc.
1340 Treat Blvd, Ste 210
Walnut Creek, CA 94597

PREPARED FOR:
EPA Region 9
Brownfields Program

Figure 9
Conceptual Site Model
Los Angeles – Former Lincoln Heights Jail
Phase II Targeted Brownfields Assessment
Los Angeles, Los Angeles County, CA

TABLES

Table 1
Summary of Metals Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-01-0**	**SS-07-0 (Duplicate of SS-01-0)**	**SS-01-2**	**SS-02-0**	**SS-08-0 (Duplicate of SS-02-0)**	**SS-02-2**	**SS-03-0**
Sample Date						**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Analyte	**ESL (mg/kg)**	**RSL Residential (mg/kg)**	**RSL Industrial (mg/kg)**	**DTSC-SL Residential (mg/kg)**	**DTSC-SL Industrial (mg/kg)**	**Metals - Soil (mg/kg)**						
Antimony	31	31	470	--	--	ND (<2) UJ	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Arsenic*	--	--	--	--	--	ND (<2) UJ	2.2 J	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Barium	3,000	15,000	220,000	--	--	110	110	70	140	120	31	120
Beryllium	42	160	2,300	15[a]	210[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Cadmium	39	71	980	5.2[a]	7.3[a]	0.78	0.59	ND (<0.5)	0.74	0.64	ND (<0.5)	0.54
Chromium	120,000	120,000	1,800,000	36000[a]	170000[a]	14	14	10	13	13	7.9	14
Cobalt	23	23	350	--	--	7.7	7	6.8	6.9	6.9	4	9.1
Copper	3,100	3,100	47,000	--	--	18	18	11	26	24	7.1	19
Lead	80	400	800	80[a]	320[a]	22 J	20	8.3	**100**	**96**	13	23
Mercury	13	11	46	1[a]	4.5[a]	0.18	0.21	0.12	0.15	0.18	0.12	ND (<0.1)
Molybdenum	390	390	5,800	--	--	ND (<1) UJ	1 J	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
Nickel	86	1,500	22,000	490[a]	3100[a]	17	15	7.5	13	13	5.5	15
Selenium	390	390	5,800	--	--	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)
Silver	390	390	5,800	390[a]	1500[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Thallium	0.78	0.78	12	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Vanadium	390	390	5,800	390[a]	1000[a]	37 J	39	31	35	35	20	41
Zinc	23,000	23,000	350,000	--	--	62 J	59	44	130	120	35	76

Notes:
Metals by EPA Method 6010B, Mercury by EPA Method 7471A
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
mg/kg = milligram per kilogram
SS = Surface soil
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
* = The average background concentration for Southern California of 12 mg/kg was used a screening level. Source: Determination of a Southern California Regional Background Arsenic Concentration in Soil, California Department of Toxic Substances Control.
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February.
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 1
Summary of Metals Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-03-2**	**SS-04-0**	**SS-04-2**	**SS-05-0**	**SS-06-0**
Sample Date						**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/22/2018**	**08/22/2018**
Analyte	**ESL (mg/kg)**	**RSL Residential (mg/kg)**	**RSL Industrial (mg/kg)**	**DTSC-SL Residential (mg/kg)**	**DTSC-SL Industrial (mg/kg)**	**Metals - Soil (mg/kg)**				
Antimony	31	31	470	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Arsenic*	--	--	--	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	2.6
Barium	3,000	15,000	220,000	--	--	57	110	91	200	220
Beryllium	42	160	2,300	15[a]	210[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Cadmium	39	71	980	5.2[a]	7.3[a]	ND (<0.5)	ND (<0.5)	0.58	3.8	**7.1**
Chromium	120,000	120,000	1,800,000	36000[a]	170000[a]	7.3	10	10	40	66
Cobalt	23	23	350	--	--	5	5.6	5.7	9.6	8.1
Copper	3,100	3,100	47,000	--	--	15	18	23	63	100
Lead	80	400	800	80[a]	320[a]	60	58	**110**	**260**	**510**
Mercury	13	11	46	1[a]	4.5[a]	0.12	0.59	0.18	0.15	0.38
Molybdenum	390	390	5,800	--	--	ND (<1)	ND (<1)	ND (<1)	ND (<1)	2
Nickel	86	1,500	22,000	490[a]	3100[a]	6.5	9.8	8.8	15	22
Selenium	390	390	5,800	--	--	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)
Silver	390	390	5,800	390[a]	1500[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	1.3	3.5
Thallium	0.78	0.78	12	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Vanadium	390	390	5,800	390[a]	1000[a]	25	26	28	37	29
Zinc	23,000	23,000	350,000	--	--	80	98	98	350	670

Notes:
Metals by EPA Method 6010B, Mercury by EPA Method 7471A
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
mg/kg = milligram per kilogram
SS = Surface soil
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
* = The average background concentration for Southern California of 12 mg/kg was used a screening level. Source: Determination of a Southern California Regional Background Arsenic Concentration in Soil, California Department of Toxic Substances Control.
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February.
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 2
Summary of Metals Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**
Analyte	**ESL (mg/kg)**	**RSL Residential (mg/kg)**	**RSL Industrial (mg/kg)**	**DTSC-SL Residential (mg/kg)**	**DTSC-SL Industrial (mg/kg)**	**Metals - Soil (mg/kg)**						
Antimony	31	31	470	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Arsenic*	--	--	--	--	--	ND (<2)	ND (<2)	10	9.5	ND (<2)	7.1	ND (<2)
Barium	3,000	15,000	220,000	--	--	50	60	74	62	43	63	45
Beryllium	42	160	2,300	15[a]	210[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.62	ND (<0.5)
Cadmium	39	71	980	5.2[a]	7.3[a]	ND (<0.5)	0.66	0.66	0.61	ND (<0.5)	0.78	ND (<0.5)
Chromium	120,000	120,000	1,800,000	36000[a]	170000[a]	7.4	9.7	7.3	8.2	4.6	23	1.9
Cobalt	23	23	350	--	--	5.8	5.1	6.5	5.3	4.2	13	5.7
Copper	3,100	3,100	47,000	--	--	6.6	8.7	13	12	ND (<5)	27	15
Lead	80	400	800	80[a]	320[a]	1.7	2.1	2.9	2.5	1.5	6.5	2.7
Mercury	13	11	46	1[a]	4.5[a]	ND (<0.1)	ND (<0.1)	0.14 J	ND (<0.1) UJ	ND (<0.1)	ND (<0.1)	ND (<0.1)
Molybdenum	390	390	5,800	--	--	ND (<1)	1.9	3.9	3.6	ND (<1)	2.3	ND (<1)
Nickel	86	1,500	22,000	490[a]	3100[a]	5.1	13	16	14	3.2	22	2.2
Selenium	390	390	5,800	--	--	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)
Silver	390	390	5,800	390[a]	1500[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Thallium	0.78	0.78	12	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Vanadium	390	390	5,800	390[a]	1000[a]	24	25	24	25	17	51	20
Zinc	23,000	23,000	350,000	--	--	27	28	33	29	18	65	36

Notes:
Metals by EPA Method 6010B, Mercury by EPA Method 7471A
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
mg/kg = milligram per kilogram
SB = Soil boring
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
* = The average background concentration for Southern California of 12 mg/kg was used a screening level. Source: Determination of a Southern California Regional Background Arsenic Concentration in Soil, California Department of Toxic Substances Control.
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 2
Summary of Metals Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-03-10**	**SB-03-15**	**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (mg/kg)**	**RSL Residential (mg/kg)**	**RSL Industrial (mg/kg)**	**DTSC-SL Residential (mg/kg)**	**DTSC-SL Industrial (mg/kg)**	**Metals - Soil (mg/kg)**						
Antimony	31	31	470	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2) UJ	ND (<2)
Arsenic*	--	--	--	--	--	ND (<2)	2.4	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Barium	3,000	15,000	220,000	--	--	55	29	30	28	73	86	50
Beryllium	42	160	2,300	15[a]	210[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Cadmium	39	71	980	5.2[a]	7.3[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.51	ND (<0.5)
Chromium	120,000	120,000	1,800,000	36000[a]	170000[a]	9.9	4.5	7.2	4.5	14	7.6	9.1
Cobalt	23	23	350	--	--	6.6	3.1	4.2	3.2	8.4	5.9	6.5
Copper	3,100	3,100	47,000	--	--	8	ND (<5)	5.4 J	ND (<5) UJ	9.6	9.6	7.9
Lead	80	400	800	80[a]	320[a]	2.6	1.8	1.8	1.6	2.6	**85** J	2.3
Mercury	13	11	46	1[a]	4.5[a]	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	0.12	ND (<0.1)
Molybdenum	390	390	5,800	--	--	ND (<1)	ND (<1)	ND (<1)	ND (<1)	1.8	ND (<1)	ND (<1)
Nickel	86	1,500	22,000	490[a]	3100[a]	5.3	2.7	3.3	2.2	12	6	9.4
Selenium	390	390	5,800	--	--	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)	ND (<4.8)
Silver	390	390	5,800	390[a]	1500[a]	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Thallium	0.78	0.78	12	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Vanadium	390	390	5,800	390[a]	1000[a]	38	15	32	19	30	28	21
Zinc	23,000	23,000	350,000	--	--	31	18	19	15	35	150	31

Notes:
Metals by EPA Method 6010B, Mercury by EPA Method 7471A
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
mg/kg = milligram per kilogram
SB = Soil boring
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
* = The average background concentration for Southern California of 12 mg/kg was used a screening level. Source: Determination of a Southern California Regional Background Arsenic Concentration in Soil, California Department of Toxic Substances Control.
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-01-0**	**SS-07-0 (Duplicate of SS-01-0)**	**SS-01-2**	**SS-02-0**	**SS-08-0 (Duplicate of SS-02-0)**	**SS-02-2**	**SS-03-0**	**SS-03-2**
Sample Date						**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**							
1,1,1,2-Tetrachloroethane	10	2,000	8,800	2,000	8,900	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,1-Trichloroethane	7,800	8,100,000	36,000,000	1700000[a]	7,300,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2,2-Tetrachloroethane	18	600	2,700	600	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2-Trichloroethane	7	1,100	5,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethane	200	3,600	1,000,000	3,600	16,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethene	550	230,000	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichlorobenzene	--	63,000	930,000	63,000	310,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichloropropane	--	5.1	110	1.5	21	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trichlorobenzene	1,500	24,000	110,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trimethylbenzene	--	300,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dibromo-3-chloropropane	4.5	5.3	64	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
1,2-Dibromoethane	0.33	36	160	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichlorobenzene	1,600	1,800,000	9,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloroethane	4.5	460	2,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloropropane	120	2,500	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3,5-Trimethylbenzene	--	270,000	1,500,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichlorobenzene	7,400	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichloropropane	--	1,600,000	23,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,4-Dichlorobenzene	590	2,600	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2,2-Dichloropropane	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Isopropyltoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Benzene	44	1,200	5,100	330	1,400	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Bromobenzene	--	290,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromochloromethane	--	150,000	630,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
SS = Surface soil
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-04-0**	**SS-04-2**	**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**
Sample Date						**08/23/2018**	**08/23/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**								
1,1,1,2-Tetrachloroethane	10	2,000	8,800	2,000	8,900	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,1-Trichloroethane	7,800	8,100,000	36,000,000	1700000[a]	7,300,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2,2-Tetrachloroethane	18	600	2,700	600	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2-Trichloroethane	7	1,100	5,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethane	200	3,600	1,000,000	3,600	16,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethene	550	230,000	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichlorobenzene	--	63,000	930,000	63,000	310,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichloropropane	--	5.1	110	1.5	21	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trichlorobenzene	1,500	24,000	110,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trimethylbenzene	--	300,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dibromo-3-chloropropane	4.5	5.3	64	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
1,2-Dibromoethane	0.33	36	160	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichlorobenzene	1,600	1,800,000	9,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloroethane	4.5	460	2,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloropropane	120	2,500	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3,5-Trimethylbenzene	--	270,000	1,500,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichlorobenzene	7,400	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichloropropane	--	1,600,000	23,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,4-Dichlorobenzene	590	2,600	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2,2-Dichloropropane	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Isopropyltoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Benzene	44	1,200	5,100	330	1,400	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Bromobenzene	--	290,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromochloromethane	--	150,000	630,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
SS = Surface soil
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-03-10**	**SB-03-15**	**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**						
1,1,1,2-Tetrachloroethane	10	2,000	8,800	2,000	8,900	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,1-Trichloroethane	7,800	8,100,000	36,000,000	1700000[a]	7,300,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2,2-Tetrachloroethane	18	600	2,700	600	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2-Trichloroethane	7	1,100	5,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethane	200	3,600	1,000,000	3,600	16,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethene	550	230,000	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichlorobenzene	--	63,000	930,000	63,000	310,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichloropropane	--	5.1	110	1.5	21	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trichlorobenzene	1,500	24,000	110,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trimethylbenzene	--	300,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dibromo-3-chloropropane	4.5	5.3	64	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
1,2-Dibromoethane	0.33	36	160	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichlorobenzene	1,600	1,800,000	9,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloroethane	4.5	460	2,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloropropane	120	2,500	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3,5-Trimethylbenzene	--	270,000	1,500,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichlorobenzene	7,400	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichloropropane	--	1,600,000	23,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,4-Dichlorobenzene	590	2,600	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2,2-Dichloropropane	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Isopropyltoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Benzene	44	1,200	5,100	330	1,400	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Bromobenzene	--	290,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromochloromethane	--	150,000	630,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
SS = Surface soil
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-01-0**	**SS-07-0 (Duplicate of SS-01-0)**	**SS-01-2**	**SS-02-0**	**SS-08-0 (Duplicate of SS-02-0)**	**SS-02-2**	**SS-03-0**	**SS-03-2**
Sample Date						**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**							
Bromodichloromethane	520	290	1,300	280[a]	1,300	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromoform	1,700	19,000	86,000	290,000	87,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromomethane	300	6,800	30,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Carbon tetrachloride	48	650	2,900	98	430	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chlorobenzene	1,500	280,000	1,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloroethane	1,100	--	--	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Chloroform	68	320	1,400	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloromethane	29,000	110,000	460,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
cis-1,2-Dichloroethene	190	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
cis-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromochloromethane	3,800	8,300	39,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromomethane	--	24,000	99,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dichlorodifluoromethane	--	87,000	370,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Diisopropyl ether (DIPE)	--	2,200,000	9,400,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethyl t-butyl ether (ETBE)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethylbenzene	1,400	5,800	25,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Hexachlorobutadiene	680	1,200	5,300	1,200	5,300	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Isopropylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Methyl t-butyl ether (MTBE)	23	47,000	21,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Methylene chloride	77	57,000	1,000,000	1,900	24,000	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
n-Butylbenzene	--	3,900,000	58,000,000	120,000	640,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
n-Propylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Naphthalene	33	3,800	17,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
sec-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Styrene	1,500	6,000,000	35,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
t-Amyl methyl ether (TAME)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
tert-Butyl alcohol (TBA)	75	--	--	--	--	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)
tert-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Tetrachloroethene	420	24,000	100,000	590	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-04-0**	**SS-04-2**	**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**
Sample Date						**08/23/2018**	**08/23/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**								
Bromodichloromethane	520	290	1,300	280[a]	1,300	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromoform	1,700	19,000	86,000	290,000	87,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromomethane	300	6,800	30,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Carbon tetrachloride	48	650	2,900	98	430	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chlorobenzene	1,500	280,000	1,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloroethane	1,100	--	--	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Chloroform	68	320	1,400	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloromethane	29,000	110,000	460,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
cis-1,2-Dichloroethene	190	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
cis-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromochloromethane	3,800	8,300	39,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromomethane	--	24,000	99,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dichlorodifluoromethane	--	87,000	370,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Diisopropyl ether (DIPE)	--	2,200,000	9,400,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethyl t-butyl ether (ETBE)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethylbenzene	1,400	5,800	25,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Hexachlorobutadiene	680	1,200	5,300	1,200	5,300	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Isopropylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Methyl t-butyl ether (MTBE)	23	47,000	21,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Methylene chloride	77	57,000	1,000,000	1,900	24,000	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
n-Butylbenzene	--	3,900,000	58,000,000	120,000	640,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
n-Propylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Naphthalene	33	3,800	17,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
sec-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Styrene	1,500	6,000,000	35,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
t-Amyl methyl ether (TAME)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
tert-Butyl alcohol (TBA)	75	--	--	--	--	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)
tert-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Tetrachloroethene	420	24,000	100,000	590	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-03-10**	**SB-03-15**	**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**						
Bromodichloromethane	520	290	1,300	280[a]	1,300	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromoform	1,700	19,000	86,000	290,000	87,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromomethane	300	6,800	30,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Carbon tetrachloride	48	650	2,900	98	430	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chlorobenzene	1,500	280,000	1,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloroethane	1,100	--	--	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Chloroform	68	320	1,400	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloromethane	29,000	110,000	460,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
cis-1,2-Dichloroethene	190	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
cis-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromochloromethane	3,800	8,300	39,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromomethane	--	24,000	99,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dichlorodifluoromethane	--	87,000	370,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Diisopropyl ether (DIPE)	--	2,200,000	9,400,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethyl t-butyl ether (ETBE)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethylbenzene	1,400	5,800	25,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Hexachlorobutadiene	680	1,200	5,300	1,200	5,300	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Isopropylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Methyl t-butyl ether (MTBE)	23	47,000	21,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Methylene chloride	77	57,000	1,000,000	1,900	24,000	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
n-Butylbenzene	--	3,900,000	58,000,000	120,000	640,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
n-Propylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Naphthalene	33	3,800	17,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
sec-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Styrene	1,500	6,000,000	35,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
t-Amyl methyl ether (TAME)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
tert-Butyl alcohol (TBA)	75	--	--	--	--	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)
tert-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Tetrachloroethene	420	24,000	100,000	590	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-01-0**	**SS-07-0 (Duplicate of SS-01-0)**	**SS-01-2**	**SS-02-0**	**SS-08-0 (Duplicate of SS-02-0)**	**SS-02-2**	**SS-03-0**	**SS-03-2**
Sample Date						**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**							
Toluene	2,900	4,900,000	47,000,000	1,100,000[a]	5,400,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,2-Dichloroethene	670	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichloroethene	460	940	6,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichlorofluoromethane	--	23,000,000	350,000,000	1,200,000[a]	5,400,000[a]	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Vinyl Chloride	8.2	59	1,700	88	150	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Xylenes, Total	2,300	580,000	2,500,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-04-0**	**SS-04-2**	**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**
Sample Date						**08/23/2018**	**08/23/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**								
Toluene	2,900	4,900,000	47,000,000	1,100,000[a]	5,400,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,2-Dichloroethene	670	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichloroethene	460	940	6,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichlorofluoromethane	--	23,000,000	350,000,000	1,200,000[a]	5,400,000[a]	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Vinyl Chloride	8.2	59	1,700	88	150	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Xylenes, Total	2,300	580,000	2,500,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 3
Summary of Volatile Organic Compounds Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-03-10**	**SB-03-15**	**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**						
Toluene	2,900	4,900,000	47,000,000	1,100,000[a]	5,400,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,2-Dichloroethene	670	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichloroethene	460	940	6,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichlorofluoromethane	--	23,000,000	350,000,000	1,200,000[a]	5,400,000[a]	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Vinyl Chloride	8.2	59	1,700	88	150	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Xylenes, Total	2,300	580,000	2,500,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 4
Summary of Volatile Organic Compounds Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**	**SB-03-10**	**SB-03-15**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**								
1,1,1,2-Tetrachloroethane	10	2,000	8,800	2,000	8,900	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,1-Trichloroethane	7,800	8,100,000	36,000,000	1,700,000[a]	7,300,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2,2-Tetrachloroethane	18	600	2,700	600	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2-Trichloroethane	7	1,100	5,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethane	200	3,600	16,000	3,600	16,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethene	550	230,000	1,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichlorobenzene	--	6,300	930,000	63,000	310,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichloropropane	--	5.1	110	1.5	21	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trichlorobenzene	1,500	63,000	110,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trimethylbenzene	--	300,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dibromo-3-chloropropane	4.5	5.3	64	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
1,2-Dibromoethane	0.33	36	160	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichlorobenzene	1,600	1,800,000	9,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloroethane	4.5	460	2,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloropropane	120	2,500	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3,5-Trimethylbenzene	--	270,000	1,500,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichlorobenzene	7,400	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichloropropane	--	1,600,000	23,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,4-Dichlorobenzene	590	2,600	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2,2-Dichloropropane	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Isopropyltoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Benzene	44	1,200	5,100	330	1,400	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Bromobenzene	--	290,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromochloromethane	--	150,000	630,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
SB = Soil boring
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 4
Summary of Volatile Organic Compounds Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date						**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**				
1,1,1,2-Tetrachloroethane	10	2,000	8,800	2,000	8,900	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,1-Trichloroethane	7,800	8,100,000	36,000,000	1,700,000[a]	7,300,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2,2-Tetrachloroethane	18	600	2,700	600	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1,2-Trichloroethane	7	1,100	5,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethane	200	3,600	16,000	3,600	16,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloroethene	550	230,000	1,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,1-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichlorobenzene	--	6,300	930,000	63,000	310,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,3-Trichloropropane	--	5.1	110	1.5	21	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trichlorobenzene	1,500	63,000	110,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2,4-Trimethylbenzene	--	300,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dibromo-3-chloropropane	4.5	5.3	64	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
1,2-Dibromoethane	0.33	36	160	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichlorobenzene	1,600	1,800,000	9,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloroethane	4.5	460	2,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,2-Dichloropropane	120	2,500	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3,5-Trimethylbenzene	--	270,000	1,500,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichlorobenzene	7,400	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,3-Dichloropropane	--	1,600,000	23,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
1,4-Dichlorobenzene	590	2,600	11,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2,2-Dichloropropane	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
2-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Chlorotoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
4-Isopropyltoluene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Benzene	44	1,200	5,100	330	1,400	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
Bromobenzene	--	290,000	1,800,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromochloromethane	--	150,000	630,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
SB = Soil boring
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 4
Summary of Volatile Organic Compounds Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**	**SB-03-10**	**SB-03-15**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**								
Bromodichloromethane	520	290	1,300	280[a]	1,300	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromoform	1,700	19,000	86,000	19,000	86,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromomethane	300	6,800	30,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Carbon tetrachloride	48	650	2,900	98	430	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chlorobenzene	1,500	280,000	1,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloroethane	1,100	--	--	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Chloroform	68	320	1,400	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloromethane	29,000	110,000	460,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
cis-1,2-Dichloroethene	190	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
cis-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromochloromethane	3,800	8,300	39,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromomethane	--	24,000	99,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dichlorodifluoromethane	--	87,000	370,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Diisopropyl ether (DIPE)	--	2,200,000	9,400,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethyl t-butyl ether (ETBE)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethylbenzene	1,400	5,800	25,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Hexachlorobutadiene	680	1,200	5,300	1,200	5,300	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Isopropylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Methyl t-butyl ether (MTBE)	23	47,000	210,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Methylene chloride	77	57,000	1,000,000	1,900	24,000	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
n-Butylbenzene	--	3,900,000	120,000	3,900,000[a]	640,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
n-Propylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Naphthalene	33	3,800	17,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
sec-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Styrene	1,500	6,000,000	35,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
t-Amyl methyl ether (TAME)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
tert-Butyl alcohol (TBA)	75	--	--	--	--	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)
tert-Butylbenzene	--	7,800,000	120,000,000	2200000[a]	12000000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Tetrachloroethene	420	24,000	100,000	590	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 4
Summary of Volatile Organic Compounds Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date						**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**				
Bromodichloromethane	520	290	1,300	280[a]	1,300	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromoform	1,700	19,000	86,000	19,000	86,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Bromomethane	300	6,800	30,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Carbon tetrachloride	48	650	2,900	98	430	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chlorobenzene	1,500	280,000	1,300,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloroethane	1,100	--	--	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Chloroform	68	320	1,400	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Chloromethane	29,000	110,000	460,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
cis-1,2-Dichloroethene	190	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
cis-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromochloromethane	3,800	8,300	39,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dibromomethane	--	24,000	99,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Dichlorodifluoromethane	--	87,000	370,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Diisopropyl ether (DIPE)	--	2,200,000	9,400,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethyl t-butyl ether (ETBE)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethylbenzene	1,400	5,800	25,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Hexachlorobutadiene	680	1,200	5,300	1,200	5,300	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Isopropylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Methyl t-butyl ether (MTBE)	23	47,000	210,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Methylene chloride	77	57,000	1,000,000	1,900	24,000	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
n-Butylbenzene	--	3,900,000	120,000	3,900,000[a]	640,000	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
n-Propylbenzene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Naphthalene	33	3,800	17,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
sec-Butylbenzene	--	7,800,000	120,000,000	2,200,000[a]	12,000,000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Styrene	1,500	6,000,000	35,000,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
t-Amyl methyl ether (TAME)	--	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
tert-Butyl alcohol (TBA)	75	--	--	--	--	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)
tert-Butylbenzene	--	7,800,000	120,000,000	2200000[a]	12000000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Tetrachloroethene	420	24,000	100,000	590	2,700	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 4
Summary of Volatile Organic Compounds Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**	**SB-03-10**	**SB-03-15**
Sample Date						**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**								
Toluene	2,900	4,900,000	47,000,000	1,100,000[a]	540,0000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,2-Dichloroethene	670	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichloroethene	460	940	6,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichlorofluoromethane	--	23,000,000	350,000,000	1,200,000[a]	5,400,000[a]	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Vinyl Chloride	8.2	59	1,700	88	150	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Xylenes, Total	2,300	580,000	2,500,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 4
Summary of Volatile Organic Compounds Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date						**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Volatile Organic Compound - Soil (µg/kg)**				
Toluene	2,900	4,900,000	47,000,000	1,100,000[a]	540,0000[a]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,2-Dichloroethene	670	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
trans-1,3-Dichloropropene	--	--	--	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichloroethene	460	940	6,000	--	--	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Trichlorofluoromethane	--	23,000,000	350,000,000	1,200,000[a]	5,400,000[a]	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Vinyl Chloride	8.2	59	1,700	88	150	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Xylenes, Total	2,300	580,000	2,500,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<2)

Notes:
Volatile Organic Compound by EPA Method 8260B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/kg = micrograms per kilograms
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 5
Summary of Total Petroleum Hydrocarbons Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID		**SS-01-0**	**SS-07-0 (Duplicate of SS-01-0)**	**SS-01-2**	**SS-02-0**	**SS-08-0 (Duplicate of SS-02-0)**	**SS-02-2**	**SS-03-0**	**SS-03-2**	**SS-04-0**	**SS-04-2**
Sample Date		**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Analyte	**ESL (mg/kg)**	**Total Petroleum Hydrocarbons - Soil (mg/kg)**									
TPH-diesel	230	ND (<0.2)	ND (<0.2)	ND (<0.2)	0.25 J	ND (<0.2) UJ	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)
TPH-gasoline	100	91	60	ND (<10)	**110**	**110**	29	25	ND (<10)	87	11
TPH-motor oil	5,100	650	480	ND (<30)	400	430	160	330	49	460	85

Notes:
Total Petroleum Hydrocarbons (TPH) by EPA Method 8015B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
TPH = Total Petroleum Hydrocarbons
SS = Surface sample
ND = not detected above the reporting limit (<RL)
-- = Not Applicable
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs) Feberary 2016.

Table 6
Summary of Total Petroleum Hydrocarbons Analytical Data - Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID		**SB-01-05**	**SB-01-10**	**SB-01-15**	**SB-07-15 (Duplicate of SB-01-15)**	**SB-02-05**	**SB-02-10**	**SB-03-05**	**SB-03-10**	**SB-03-15**	**SB-04-05**	**SB-07-05 (Duplicate of SB-04-05)**	**SB-04-10**	**SB-06-05**	**SB-06-10**
Sample Date		**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/27/2018**	**08/28/2018**	**08/28/2018**	**08/28/2018**
Analyte	**ESL (mg/kg)**										**Total Petroleum Hydrocarbons - Soil (mg/kg)**				
TPH-diesel	230	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<0.2)
TPH-gasoline	100	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
TPH-motor oil	5,100	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)	ND (<30)

Notes:
Total Petroleum Hydrocarbons (TPH) by EPA Method 8015B
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
TPH = Total Petroleum Hydrocarbons
SB = Soil boring
ND = not detected above the reporting limit (<RL)
-- = Not Applicable
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February

Table 7
Summary of PAHs Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-01-0**	**SS-07-0 (Duplicate of SS-01-0)**	**SS-01-2**	**SS-02-0**	**SS-08-0 (Duplicate of SS-02-0)**	**SS-02-2**	**SS-03-0**	**SS-03-2**	**SS-04-0**	**SS-04-2**
Sample Date						**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Sample Depth (feet below ground surface)						**0**	**0**	**2**	**0**	**0**	**2**	**0**	**2**	**0**	**2**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**Polycyclic Aromatic Hydrocarbon - Soil (µg/kg)**									
Acenaphthene	16,000	3,600,000	45,000,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)
Acenaphthylene	13,000	--	--	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10) J	ND (<10)	ND (<10)	ND (<10)	ND (<10) J	ND (<10)	ND (<10)
Anthracene	2,800	18,000,000	230,000,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)
Benz(a)anthracene	160	1,100	21,000	--	--	ND (<2) J	12 J	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	3.7	3.7 J	5.2	5.4
Benzo(a)pyrene	16	110	2,100	--	--	ND (<2)	ND (<2)	ND (<2)	5.9 J	12 J	ND (<2)	8.5	9.3 J	ND (<2)	ND (<2)
Benzo(b)fluoranthene	160	1,100	21,000	--	--	ND (<2) J	6 J	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	ND (<2)	4.3 J	ND (<2)	ND (<2)
Benzo(g,h,i)perylene	2,500	--	--	--	--	27	37	2	12 J	17	8.7	13	11 J	13	13
Benzo(k)fluoranthene	1,600	11,000	210,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	ND (<2)	4.8 J	ND (<2)	ND (<2)
Chrysene	3,800	110,000	2,100,000	--	--	4.3	3.6	ND (<2)	ND (<2) J	2.4 J	ND (<2)	4.8	6.4 J	ND (<2)	4.9
Dibenz(a,h)anthracene	16	110	2,100	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)
Fluoranthene	60,000	2,400,000	3,000,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	ND (<2)	11 J	3.3	7.9
Fluorene	8,900	2,400,000	3,000,000	--	--	ND (<10)	ND (<10)	ND (<10)	ND (<10) J	ND (<10)	ND (<10)	ND (<10)	ND (<10) J	ND (<10)	ND (<10)
Indeno(1,2,3-cd)pyrene	160	1,100	21,000	--	--	22	32	ND (<3)	7.1 J	9.4	5.6	10	7.1 J	11	9
Naphthalene	33	3,800	17,000	--	--	ND (<5)	ND (<5)	ND (<5)	ND (<5) J	ND (<5)	ND (<5)	ND (<5)	ND (<5) J	ND (<5)	ND (<5)
Phenanthrene	11,000	--	--	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	4.3	10 J	ND (<2)	3.7
Pyrene	85,000	1,800,000	23,000,000	--	--	ND (<2)	ND (<2)	ND (<2)	ND (<2) J	ND (<2)	ND (<2)	2.6	8.6 J	ND (<2)	6.4

Notes:
Polycyclic Aromatic Hydrocarbons by EPA Method 8310
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
µg/kg = micrograms per kilograms
SS + Surface soil
ND = not detected above the reporting limit (<RL)
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May 2018.
-- = Not applicable

Table 8
Summary of PCBs Analytical Data - Surface and Shallow Subsurface Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID						**SS-05-0**	**SS-05-2**	**SS-06-0**	**SS-06-2**	**SS-09-2 (Duplicate of SS-06-2)**
Sample Date						**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/22/2018**	**08/22/2018**
Sample Depth (feet below ground surface)						**0**	**2**	**0**	**2**	**2**
Analyte	**ESL (µg/kg)**	**RSL Residential (µg/kg)**	**RSL Industrial (µg/kg)**	**DTSC-SL Residential (µg/kg)**	**DTSC-SL Industrial (µg/kg)**	**PCBs - Soil (µg/kg)**				
PCB-1016	--	4,100	27,000	--	--	ND (<25)	ND (<25)	ND (<250)	ND (<25)	ND (<25)
PCB-1221	--	200	830	--	--	ND (<25)	ND (<25)	ND (<250)	ND (<25)	ND (<25)
PCB-1232	--	170	720	--	--	ND (<25)	ND (<25)	ND (<250)	ND (<25)	ND (<25)
PCB-1242	--	230	950	--	--	ND (<25)	ND (<25)	ND (<250)	ND (<25)	ND (<25)
PCB-1248	--	230	950	--	--	ND (<25)	ND (<25)	ND (<250)	ND (<25)	ND (<25)
PCB-1254	--	240	970	--	--	ND (<25)	ND (<25)	ND (<250)	ND (<25)	ND (<25)
PCB-1260	--	240	990	--	--	ND (<25)	ND (<25)	ND (<250)	ND (<25)	ND (<25)

Notes:
Polychlorinated biphenyls (PCBs) by EPA Method 8082
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
µg/kg = micrograms per kilograms
SS = Surface soil
ND = not detected above the reporting limit (<RL)
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
DTSC-SL = California Department of Toxic Substances Control (DTSC). 2018. Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June.
ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February
RSL = United States Environmental Protection Agency (EPA). 2018. Regional Screening Levels for Chemical Contaminants at Superfund Sites (RSL). May.
-- = Not applicable

Table 9
Summary of Toxaphene and DDE Analytical Data - Surface and Shallow Subsurface Soils
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Analyte	ESL (µg/kg)	RSL Residential (µg/kg)	RSL Industrial (µg/kg)	DTSC-SL Residential (µg/kg)	DTSC-SL Industrial (µg/kg)	SS-05-0 (µg/kg)	SS-05-2 (µg/kg)	SS-06-0 (µg/kg)	SS-09-2 (Duplicate of SS-06-2) (µg/kg)	SS-06-2 (µg/kg)
4,4'-DDE	1900	2000	9300	--	--	100 N1	9.2 N1	890 N1	<5 N1	<5 N1
Toxaphene	0.42	490	2100	--	--	150 N1	<40 N1	2,500 N1	<40 N1	<40 N1

Notes:

Polychlorinated biphenyls (PCBs) by EPA Method 8082

Bold, Underlined and Highlighted = Analytical result exceeds screening levels

µg/kg = micrograms per kilograms

SS = Surface soil

N1 = Indicates that the analyte is an approximation.

DTSC-SL = Department of Toxic Substances Control – Screening Level

ESL = San Francisco Bay Regional Water Quality Control Board Tier I Environmental Screening Levels (ESLs)(2016). February

RSL = United States

-- = Not applicable

Table 10
Summary of VOCs Analytical Data - Sub-Slab Soil Vapor Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID					**SUS-01**	**SUS-02**	**SUS-03**	**SUS-05 (Field Dupicate of SUS-03)**	**SUS-04**
Sample Date					**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Analyte	**VISL - Residential (µg/m³)**	**VISL - Commercial (µg/m³)**	**DTSC-SL Residential Air (µg/m³)**	**DTSC-SL Industrial Air (µg/m³)**	**VOCs - Subslab Soil Vapor (µg/m³)**				
1,1,1-Trichloroethane	170,000	730,000	20,000[a]	88,000[a]	3.8	370	0.67	0.51	0.11
1,1,2,2-Tetrachloroethane	1.6	7	0.96	4.2	ND (<0.14)	ND (<0.55)	**ND (<1.4)**	ND (<0.14)	ND (<0.14)
1,1,2-Cl 1,2,2-F ethane (113)	170,000	730,000	--	--	0.67	ND (<0.61)	ND (<1.5)	0.46	0.56
1,1,2-Trichloroethane	5.9	26	--	--	ND (<0.055)	ND (<0.22)	ND (<0.55)	ND (<0.055)	ND (<0.055)
1,1-Dichloroethane	59	256	--	--	0.066	ND (<0.16)	ND (<0.40)	ND (<0.040)	0.065
1,1-Dichloroethene	7,000	29,200	1,460[a]	6,200[a]	ND (<0.020)	0.85	ND (<0.20)	0.024	ND (<0.020)
1,2-Dibromoethane	0.16	1	--	--	ND (<0.15)	ND (<0.61)	ND (<1.5)	ND (<0.15)	ND (<0.15)
1,2-Dichloroethane	3.6	16	--	--	0.073	ND (<0.16)	ND (<0.40)	ND (<0.040)	0.070
1,2-Dichloropropane	25	110	5.60	24.0	ND (<0.092)	ND (<0.37)	ND (<0.92)	ND (<0.092)	ND (<0.092)
Benzene	12	52	1.90	8.4	**3.0**	**2.5**	1.7	1.6	**3.8**
Bromodichloromethane	2.5	11	1.5	6.6	ND (<0.067)	ND (<0.27)	ND (<0.67)	ND (<0.067)	ND (<0.067)
Bromomethane	170	730	--	--	0.44	ND (<0.78)	ND (<1.9)	0.24	0.31
c-1,2-Dichloroethene	--	--	420[a]	700[a]	ND (<0.040)	ND (<0.16)	ND (<0.40)	ND (<0.040)	ND (<0.040)
Carbon Tetrachloride	16	68	1.3	5.8	0.57	0.85	**3.7**	**4**	0.48
Chloroethane	--	--	--	--	ND (<0.026)	ND (<0.11)	ND (<0.26)	ND (<0.026)	0.081
Chloroform	4.1	18	--	--	0.49	0.43	ND (<0.49)	0.34	0.35
Chloromethane	3,100	13,100	--	--	2.6	0.78	0.60	0.50	9.7
Dichlorodifluoromethane (12)	3,500	14,600	--	--	2.1	2.2	2.3	2.3	2.4
Ethylbenzene	37	164	--	--	5.7	14	5.9	5.2	19
Methylene Chloride	3,400	40,900	20	240	**24**	1.4	ND (<1.7)	0.25	1.1
o-Xylene	3,500	14,600	--	--	5.9	16	5.6	5.6	18
p,&m-Xylene	3,500	14,600	--	--	22	44	19	18	43
Styrene	3,500	14,600	19,000[a]	78,000[a]	1.2	1.4	ND (<0.85)	0.95	1.6
t-1,2-Dichloroethene	--	--	1,700[a]	7,000[a]	ND (<0.040)	0.86	ND (<0.40)	ND (<0.040)	ND (<0.040)
t-1,3-Dichloropropene	--	--	--	--	ND (<0.045)	ND (<0.18)	ND (<0.45)	0.59	0.30
Tetrachloroethene	360	1,570	9.2	40	0.54	**14**	4.3	3.6	**16**
Toluene	170,000	730,000	6,200[a]	26,000[a]	89	94	45	45	86
Trichloroethene	16	100	--	--	0.21	ND (<0.21)	ND (<0.54)	ND (<0.054)	ND (<0.054)
Trichlorofluoromethane (11)	--	--	26,000[a]	110,000[a]	1.2	1.7	1.3	1.1	1.1
Vinyl Chloride	5.6	93	0.19	3.2	ND (<0.013)	ND (<0.051)	ND (<0.13)	ND (<0.013)	ND (<0.013)

Notes:
Volatile Organic Compounds (VOCs) by EPA Method EPA TO-15
VISL = EPA Vapor Intrusion Screening Level (VISL) for residential and industrial indoor air (EPA, 2016)
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
µg/m³ = microgram per cubic meter
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 11
Summary of Volatile Organic Compounds Analytical Data - Soil Gas Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID					**SB-01-5**	**SB-02-5**	**SB-03-5**	**SB-04-5 REP**	**SB-04-5 (Duplicate of SB-04-5 REP)**	**SB-05-2.9**	**SB-06-5**
Sample Date					**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**
Sample Depth (feet below ground surface)					**5**	**5**	**5**	**5**	**5**	**2.9**	**5**
Analyte	**VISL - Residential ($\mu g/m^3$)**	**VISL - Commercial ($\mu g/m^3$)**	**DTSC-SL - Residential Air (µg/m3)**	**DTSC-SL Industrial Air ($\mu g/m^3$)**	**VOCs - Soil Gas ($\mu g/m^3$)**						
1,1,1,2-Tetrachloroethane	13	55	7.6	34	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**
1,1,1-Trichloroethane	170,000	730,000	20,000[a]	88,000[a]	ND (<14)	25 J	4,800	ND (<14)	ND (<14)	ND (<14)	ND (<14)
1,1,2,2-Tetrachloroethane	1.6	7	0.96	4.2	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**	**ND (<28)**
1,1,2-Cl 1,2,2-F ethane (113)	170,000	730,000	--	--	ND (<39)	ND (<39)	ND (<39)	ND (<39)	ND (<39)	ND (<39)	62 J
1,1,2-Trichloroethane	5.9	26	-	-	ND (<39)	ND (<39)	ND (<39)	ND (<39)	ND (<39)	ND (<39)	ND (<39)
1,1-Dichloroethane	59	256	-	154	ND (<21)	ND (<21)	**81**	ND (<21)	ND (<21)	ND (<21)	ND (<21)
1,1-Dichloroethene	7,000	29,200	1,460[a]	6,200	ND (<8)	ND (<8)	16 J	ND (<8)	ND (<8)	ND (<8)	ND (<8)
1,2,4-Trichlorobenzene	70	292	7.8	34	**ND (<30)**	**ND (<30)**	**ND (<30)**	**ND (<30)**	**ND (<30)**	**ND (<30)**	**ND (<30)**
1,2,4-Trimethylbenzene	2,100	8,760	-	-	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)
1,2-Dibromoethane (EDB)	0.16	1	-	-	**ND (<16)**	**ND (<16)**	**ND (<16)**	**ND (<16)**	**ND (<16)**	**ND (<16)**	**ND (<16)**
1,2-Dichlorobenzene	7,000	29,200	-	-	ND (<24)	ND (<24)	ND (<24)	ND (<24)	ND (<24)	ND (<24)	ND (<24)
1,2-Dichloroethane (EDC)	3.6	16	-	-	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)
1,2-Dichloropropane	25	110	5.6	24	**ND (<19)**	**ND (<19)**	**ND (<19)**	**ND (<19)**	**ND (<19)**	**ND (<19)**	**ND (<19)**
1,3,5-Trimethylbenzene	2,100	8,760	-	-	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)
1,4-Dichlorobenzene	8.5	37	-	-	ND (<24)	ND (<24)	ND (<24)	ND (<24)	ND (<24)	ND (<24)	ND (<24)
2-Butanone (MEK)	170,000	730,000	-	-	ND (<29)	ND (<29)	ND (<29)	ND (<29)	ND (<29)	89	ND (<29)
2-Hexanone (MBK)	1,000	4,380	-	-	ND (<37)	ND (<37)	ND (<37)	ND (<37)	ND (<37)	ND (<37)	ND (<37)
4-Methyl-2-pentanone (MIBK)	100,000	438,000	-	-	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)
Benzene	12	52	1.9	8.4	1.5	**3.5**	ND (<1.3)	ND (<1.3)	ND (<1.3)	**10**	1.4
Bromodichloromethane	2.5	11	1.5	6.6	**ND (<27)**	**ND (<27)**	**ND (<27)**	**ND (<27)**	**ND (<27)**	**ND (<27)**	**ND (<27)**
Bromoform	85	372	52	220	ND (<42)	ND (<42)	ND (<42)	ND (<42)	ND (<42)	ND (<42)	ND (<42)
Bromomethane	170	730	-	-	ND (<28)	ND (<28)	ND (<28)	ND (<28)	ND (<28)	ND (<28)	ND (<28)
Carbon disulfide	24,000	102,000	-	-	21 J	49	15 J	ND (<13)	ND (<13)	20 J	ND (<13)
Carbon tetrachloride	16	68	1.3	5.8	**ND (<9.6)**	**ND (<9.6)**	**ND (<9.6)**	**ND (<9.6)**	**ND (<9.6)**	**ND (<9.6)**	**ND (<9.6)**
Chlorobenzene	1,700	7,300	-	-	ND (<9.4)	ND (<9.4)	ND (<9.4)	ND (<9.4)	ND (<9.4)	ND (<9.4)	ND (<9.4)
Chloroform	4.1	18	-	-	ND (<1.0)	ND (<1.0)	2.5	ND (<1.0)	ND (<1.0)	2.1	ND (<1.0)
Chloromethane	3,100	13,100	-	-	ND (<13)	ND (<13)	ND (<13)	ND (<13) J	21 J	51	20 J

Notes:
Volatile Organic Compounds (VOCs) by EPA Method EPA TO-15
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
VISL = EPA Vapor Intrusion Screening Level (VISL) for residential and industrial indoor air (EPA, 2016)
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
ND = not detected above the reporting limit (<RL)
mg/m^3 = microgram per cubic meter
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
[a] The DTSC-SL noncancer endpoint is listed for this analyte.

Table 11
Summary of Volatile Organic Compounds Analytical Data - Soil Gas Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID					**SB-01-5**	**SB-02-5**	**SB-03-5**	**SB-04-5 REP**	**SB-04-5 (Duplicate of SB-04-5 REP)**	**SB-05-2.9**	**SB-06-5**
Sample Date					**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**	**08/29/2018**
Sample Depth (feet below ground surface)					**5**	**5**	**5**	**5**	**5**	**2.9**	**5**
Analyte	**VISL - Residential ($\mu g/m^3$)**	**VISL - Commercial ($\mu g/m^3$)**	**DTSC-SL - Residential Air (µg/m3)**	**DTSC-SL Industrial Air ($\mu g/m^3$)**	**VOCs - Soil Gas ($\mu g/m^3$)**						
cis-1,2-Dichloroethene	-	-	420[a]	700[a]	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)
cis-1,3-Dichloropropene	-	-	-	-	ND (<18)	ND (<18)	ND (<18)	ND (<18)	ND (<18)	ND (<18)	ND (<18)
Dibromochloromethane	-	-	2.6	11.6	**ND (<26)**	**ND (<26)**	**ND (<26)**	**ND (<26)**	**ND (<26)**	**ND (<26)**	**ND (<26)**
Dichlorodifluoromethane (F12)	3,500	14,600	-	-	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
Ethylbenzene	37	164	-	-	ND (<8.8)	ND (<8.8)	ND (<8.8)	ND (<8.8)	ND (<8.8)	ND (<8.8)	ND (<8.8)
Hexachlorobutadiene	4.3	19	2.6	11.2	**ND (<43)**	**ND (<43)**	**ND (<43)**	**ND (<43)**	**ND (<43)**	**ND (<43)**	**ND (<43)**
m,p-Xylene	3,500	14,600	-	-	ND (<22)	27 J	ND (<22)	ND (<22)	ND (<22)	ND (<22)	ND (<22)
Methylene chloride (Dichloromethane)	3,400	40,900	20	240	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)	ND (<16)
o-Xylene	3,500	14,600	-	-	ND (<8.8)	10 J	ND (<8.8)	ND (<8.8)	ND (<8.8)	ND (<8.8)	ND (<8.8)
Styrene	35,000	146,000	19,000[a]	78,000[a]	ND (<17)	ND (<17)	ND (<17)	ND (<17)	ND (<17)	ND (<17)	ND (<17)
Tetrachloroethene	360	1,570	9.2	40	**130**	**78**	**25**	**23 J**	**48 J**	**70**	**90**
Toluene	170,000	730,000	6,200[a]	26,000[a]	ND (<19)	20 J	ND (<19)	ND (<19)	ND (<19)	23 J	ND (<19)
trans-1,2-Dichloroethene	-	-	1,700[a]	7,000[a]	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)
trans-1,3-Dichloropropene	-	-	-	-	ND (<18)	ND (<18)	ND (<18)	ND (<18)	ND (<18)	ND (<18)	ND (<18)
Trichloroethene	16	100	-	-	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
Trichlorofluoromethane (F11)	-	-	26,000[a]	110,000[a]	ND (<17)	ND (<17)	ND (<17)	ND (<17)	ND (<17)	ND (<17)	ND (<17)
Vinyl chloride	5.6	93	0.19	3.2	**ND (<0.8)**	**ND (<0.8)**	**ND (<0.8)**	**ND (<0.8)**	**ND (<0.8)**	**ND (<0.8)**	**ND (<0.8)**

Notes:
Volatile Organic Compounds (VOCs) by EPA Method EPA TO-15
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
VISL = EPA Vapor Intrusion Screening Level (VISL) for residential and industrial indoor air (EPA, 2016)
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
ND = not detected above the reporting limit (<RL)
mg/m^3 = microgram per cubic meter
J = Indicates that the concentration is an approximate value because the analyte concentration is below the reporting limit and above the method detection limit
[a] The DTSC-SL noncancer endpoint is listed for this analyte.

Table 12
Summary of VOCs Analytical Data - Ambient Air Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID					**SC-01**	**SC-03 (Duplicate of SC-01)**	**SC-02**
Sample Date					**08/22/2018**	**08/22/2018**	**08/22/2018**
Analyte	**VISL Indoor Air - Residential (µg/m³)**	**VISL Indoor Air - Residential (µg/m³)**	**DTSC-SL Residential Air (µg/m³)**	**DTSC-SL Industrial Air (µg/m³)**	**VOCs - Indoor Air (µg/m³)**		
1,1,1-Trichloroethane	5,200	22,000	1,000[a]	4,400[a]	ND (<0.055)	ND (<0.055)	ND (<0.055)
1,1,2,2-Tetrachloroethane	0.048	0.21	0.05	0.2	**ND (<0.14)**	**ND (<0.14)**	**ND (<0.14)**
1,1,2-Cl 1,2,2-F ethane (113)	5,200	22,000	--	--	0.50	0.52	0.55
1,1,2-Trichloroethane	0.18	0.77	--	--	ND (<0.055)	ND (<0.055)	ND (<0.055)
1,1-Dichloroethane	1.8	8	--	--	ND (<0.040)	ND (<0.040)	ND (<0.040)
1,1-Dichloroethene	210	880	73[a]	310[a]	ND (<0.020)	ND (<0.020)	ND (<0.020)
1,2-Dibromoethane	0.0047	0.02	--	--	**ND (<0.15)**	**ND (<0.15)**	**ND (<0.15)**
1,2-Dichloroethane	0.11	0.47	--	--	0.052	0.050	0.054
1,2-Dichloropropane	0.76	3	0.3	1.2	ND (<0.092)	ND (<0.092)	ND (<0.092)
Benzene	0.36	1.6	0.097	0.42	**0.71**	**0.75**	**0.71**
Bromodichloromethane	0.076	11	0.076	0.33	ND (<0.067)	ND (<0.067)	ND (<0.067)
Bromomethane	5.2	22	--	--	ND (<0.19)	ND (<0.19)	ND (<0.19)
c-1,2-Dichloroethene	--	--	8.3[a]	35[a]	ND (<0.040)	ND (<0.040)	ND (<0.040)
Carbon Tetrachloride	0.47	2.0	0.067	0.29	**0.51**	**0.54**	**0.52**
Chloroethane	10,000	44,000	--	--	ND (<0.026)	ND (<0.026)	ND (<0.026)
Chloroform	0.12	390	--	--	**0.14**	**0.13**	**0.15**
Chloromethane	94	390	--	--	1.2	1.2	1.4
Dichlorodifluoromethane (12)	100	440	--	--	2.1	2.2	2.2
Ethylbenzene	1.1	5.0	--	--	0.36	0.34	0.26
Methylene Chloride	100	1,200	1.0	12	**3.6**	**3.7**	**4.8**
o-Xylene	100	440	--	--	0.60	0.62	0.39
p,&m-Xylene	100	440	--	--	1.2	1.2	0.74
Styrene	1,000	4,400	940[a]	3,900[a]	0.12	0.14	0.25
t-1,2-Dichloroethene	--	--	83[a]	350[a]	ND (<0.040)	ND (<0.040)	ND (<0.040)
t-1,3-Dichloropropene	--	--	--	--	ND (<0.045)	ND (<0.045)	ND (<0.045)
Tetrachloroethene	110	--	0.5	2	0.086	0.083	0.076
Toluene	5,200	22,000	310[a]	1,300[a]	1.5	1.4	1.3
Trichloroethene	0.48	3	--	--	ND (<0.054)	ND (<0.054)	ND (<0.054)
Trichlorofluoromethane (11)	--	--	1,300[a]	5,300[a]	1.2	1.3	1.3
Vinyl Chloride	0.17	2.8	0.0095	0.16	**ND (<0.013)**	**ND (<0.013)**	**ND (<0.013)**

Notes:
Volatile Organic Compounds (VOCs) by EPA Method EPA TO-15
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
VISL = EPA Vapor Intrusion Screening Level (VISL) for residential and industrial indoor air (EPA, 2016)
DTSC-SL = California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 – Modified Screening Levels (SL). June 2018.
ND = not detected above the reporting limit (<RL)
µg/m³ = microgram per cubic meter
[a] The DTSC-SL noncancer endpoint is listed for this analyte.
-- = Not applicable

Table 13
Summary of Methyl Bromide and Chloropicrin - Ambient Air Samples
Targeted Brownfield Assessment Report
Former Lincoln Heights Jail

Sample ID			**MB 1A/B**	**MB 2A/B**	**MB-Blank A/B (Blank)**	**C-1 A/B**	**C-2 A/B**	**C-B1/B2 (Blank)**
Sample Date			**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**	**08/23/2018**
Analyte / Units	**Screening Levels ($\mu g/m^3$)**		**Methyl Bromide / Chloropicrin**					
Methyl bromide	388[a]	3,880[b]	ND (<5 ug for both filters) Air Concentration =<1 mg/m^3	ND (<5 ug for both filters) Air Concentration =<1 mg/m^3	ND (<5 ug for both filters)[e]	--	--	--
Chloropicrin	0.42[c]	1.7[d]	--	--	--	ND (<10 ng for both filters) Air Concentration =<2.6 ug/m^3	ND (<10 ng for both filters) Air Concentration <2.7 ug/m^3	ND<10 ng[e] for both filters

Notes:
ug/m^3 = micrograms per cubic meter
mg/m^3 = milligrams per cubic meter
ng = nanograms -- = not applicable
Methyl bromide by OSHA PV2040
Chloropicrin by OSHA PV2103
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
ND = not detected above the reporting limit (<RL)
[a]Level is 10% of Californai Occupational Health and Safety Administration (OSHA) 8-hour time-weighted average (TWA)
[b]Cal-OSHA 8-hour TWA
[c]Level is EPA VISL for Residential Air in ug/m^3
[d]Level is EPA VISL for Industrial Air in ug/m^3
[e] Blank samples do not have air passed through them so there is no concentration to report, only the total mass of the contaminant detected on both filters are reported. There were no detections.

Table 14
Summary of TCLP/STLC Analytical Data - Soil Samples
Phase II Investigation Targeted Brownfields Assessment
Former Lincoln Heights Jail

Sample ID		**SS-05-0**	**SS-06-0**
Sample Date		**08/22/2018**	**08/22/2018**
Sample Depth (feet below ground surface)		**0**	**0**
Analyte	**Regulated Level (mg/L)**	**TCLP/STLC - Soil (mg/L)**	
STLC Lead	5	4.8	**12**
TCLP Lead	5	0.1	0.12
STLC Chromium	5	--	1.8

Notes:
TCLP/STLC by EPA Method 6010B
TCLP = Toxicity characteristic leaching procedure
STLC = Soluble Threshold Limit Concentration
SS = Surface soil
Bold, Underlined and Highlighted = Analytical result exceeds screening levels
mg/L = milligram per liter
-- = Not applicable

APPENDIX A
PHOTOGRAPHIC LOG

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.:
Lincoln heights Jail Phase II TBA	Los Angeles, CA	0006/1302-T6-R9-16-06-0003

Photo No.	Date:
1	4/24/18

Direction Photo Taken:
NA

Description:

View of peeling lead based paint (LBP) on 1st floor of Jail Building.

Photo No.	Date:
2	7/26/16

Direction Photo Taken:
NA

Description:

View of peeling paint on 3rd Floor of Jail Building.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.:
Lincoln Heights Jail Phase II TBA	Los Angeles, CA	0006/1302-T6-R9-16-06-0003

Photo No.	Date:
3	4/24/18

Direction Photo Taken:
NA

Description:

View of light ballast likely to contain PCBs.

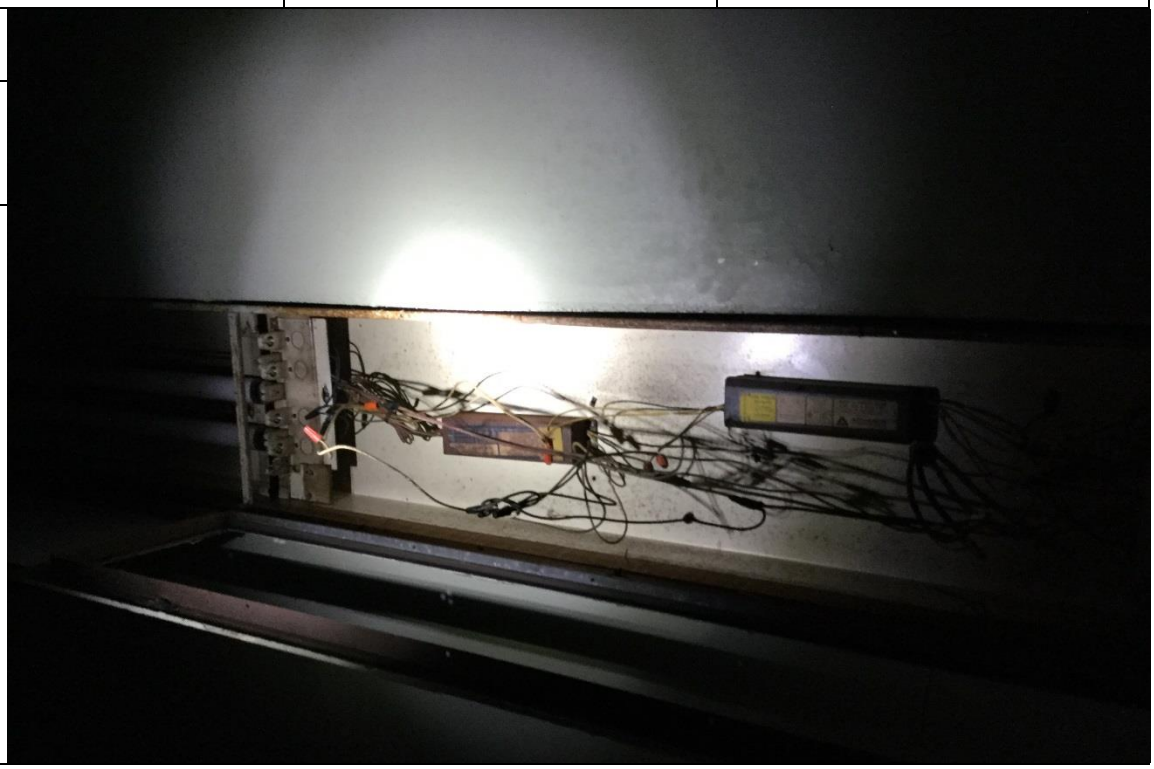
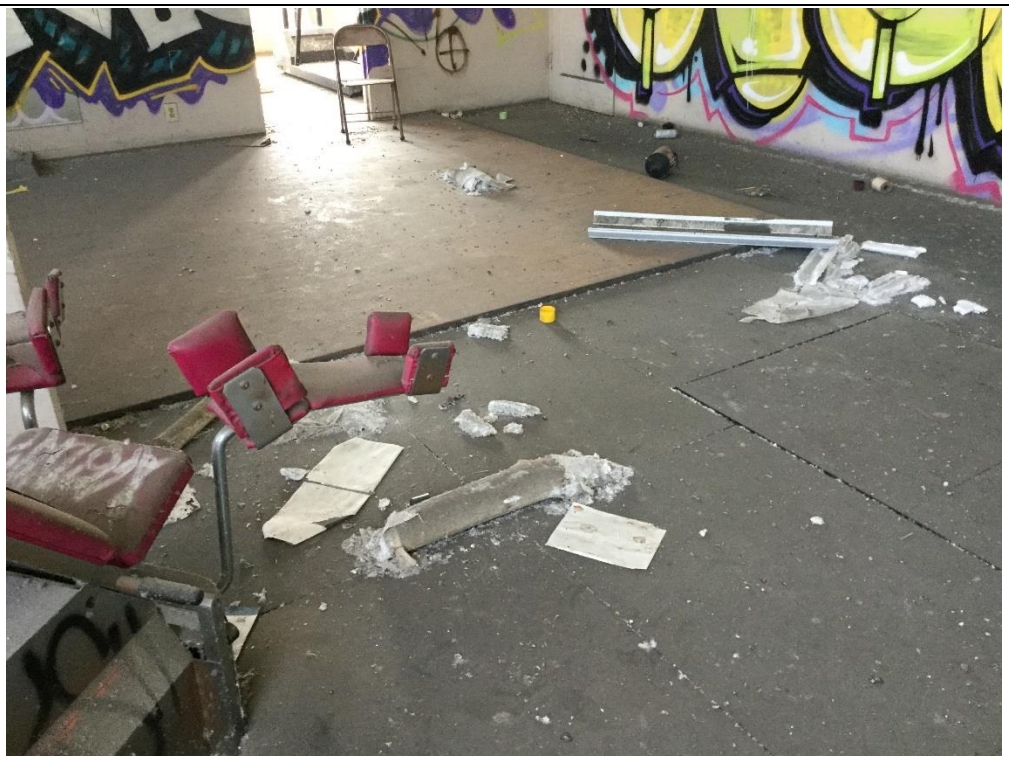


Photo No.	Date:
4	7/26/16

Direction Photo Taken:
NA

Description:

Friable TSI Pipe Insulation with ACM on 4th Floor. Note objects in the room must be cleaned or they will require disposal as ACM.



PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.:
Lincoln Heights Jail Phase II TBA	Los Angeles, CA	0006/1302-T6-R9-16-06-0003

Photo No.	Date:
5	7/26/16

Direction Photo Taken:
NA

Description:

Locks on some doors precluded entry. This is likely a utility corridor as other similarly sized and located doors between cells contained piping (water and sewer) and electrical conduits.

Photo No.	Date:
6	7/26/16

Direction Photo Taken:
NA

Description:

Loose trash, furniture, and other debris may need to be cleaned or treated as ACM.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.:
Lincoln Heights Jail Phase II TBA	Los Angeles, CA	0006/1302-T6-R9-16-06-0003

Photo No.	Date:
7	7/26/16

Direction Photo Taken:
South

Description:

View of LA DOT Paint Storage Building (foreground) and office Building (background).

Photo No.	Date:
8	7/26/16

Direction Photo Taken:
NA

Description:

View of old theater seats in basement likely cannot be cleaned and may need to be disposed of as ACM.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.:
Lincoln Heights Jail Phase II TBA	Los Angeles, CA	0006/1302-T6-R9-16-06-0003

Photo No.	Date:
9	7/26/16

Direction Photo Taken:
NA

Description:

Bottled refrigerants containing chlorofluorocarbons (CFCs) typically need to be recovered by a licensed individual.

Photo No.	Date:
10	7/26/16

Direction Photo Taken:
NA

Description:

Liquid paints and paint thinners/removers in basement may need to be disposed of as hazardous waste.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.:
Lincoln Heights Jail Phase II TBA	Los Angeles, CA	0006/1302-T6-R9-16-06-0003

Photo No.	Date:
11	7/19/16

Direction Photo Taken:
NA

Description:

View of label from 1 of 3 bottled gas cylinders containing 99.5% methyl bromide and 0.5% chloropicrin in laundry room area of basement. Gas appeared to have been used to fumigate clothes and or bedding. Cylinders were safely removed in July 2018.

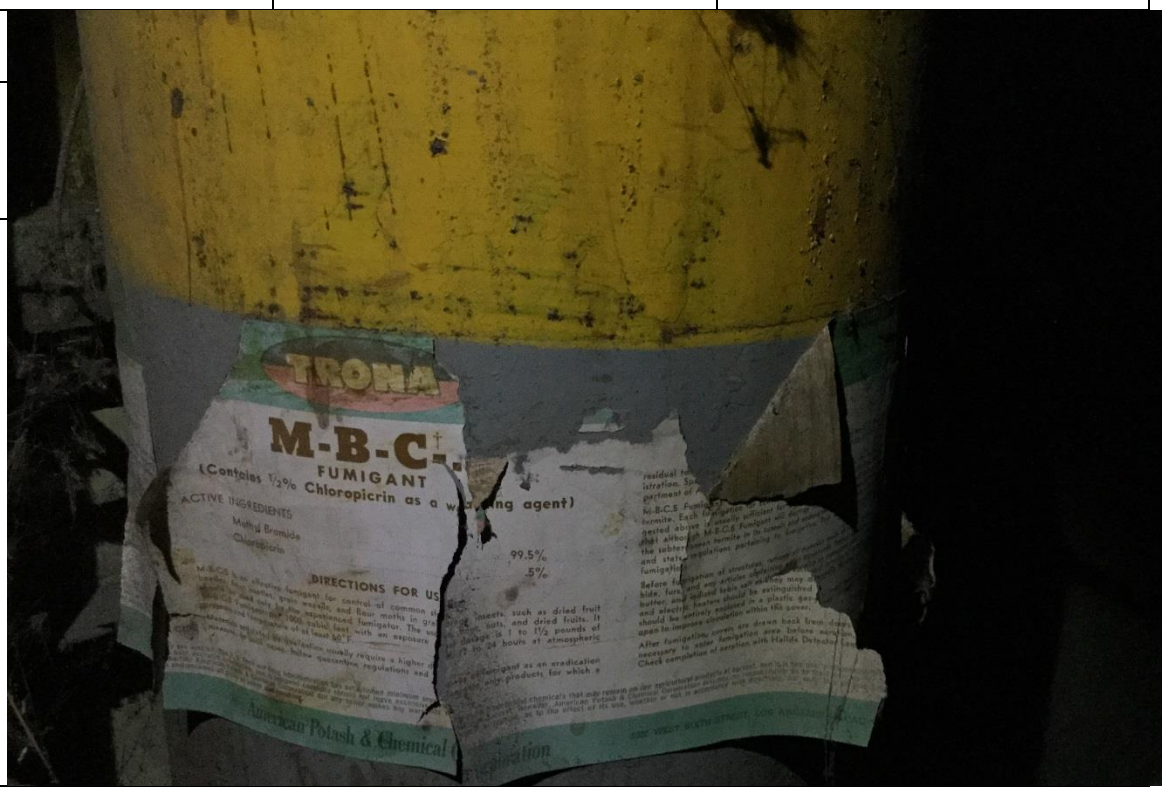
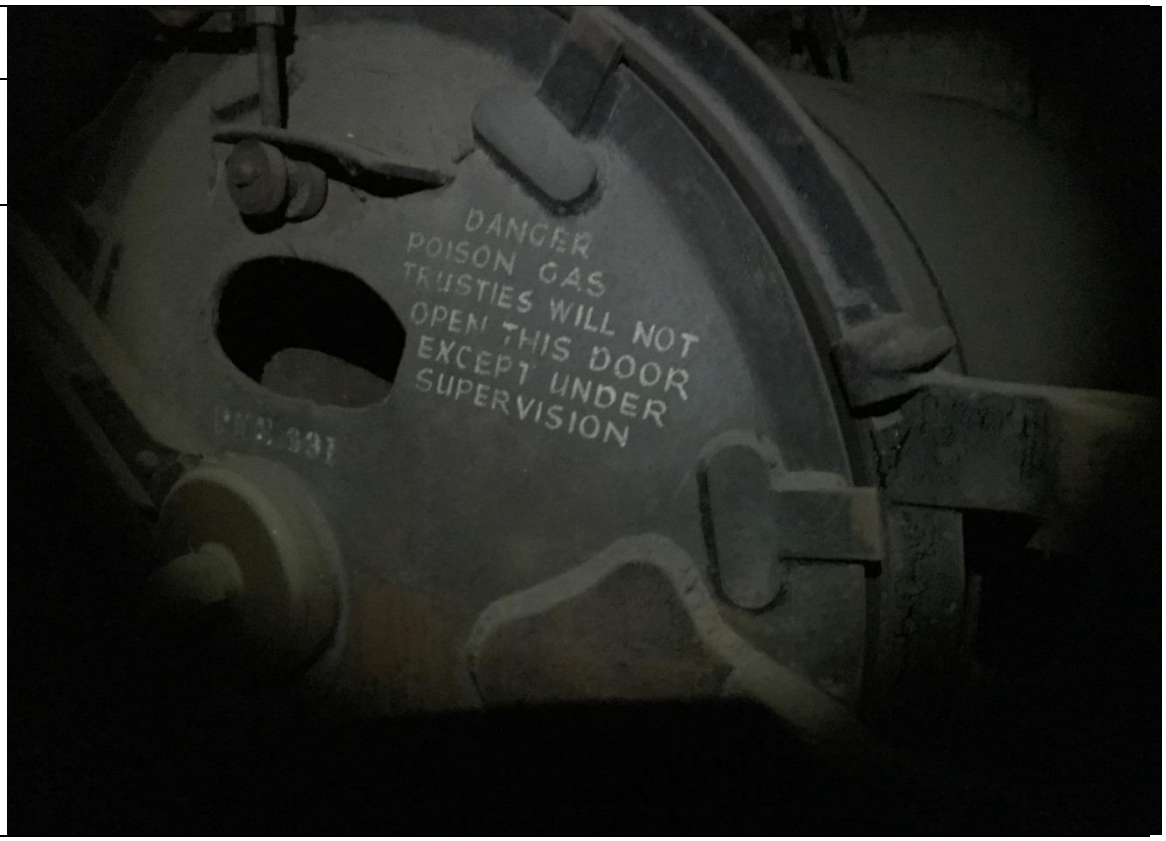


Photo No.	Date:
12	7/16/16

Direction Photo Taken:
South

Description:

View of label on 1 of 4 apparent fumigation units in laundry area of basement. Bottled ethyl bromide/chloropicrin gas was plumbed to all 4 units.



APPENDIX B
GEOPHYSICAL SURVEY REPORT

SEATTLE / ALASKA/ SAN DIEGO/ LA / SAC / HAW
WWW.ULSSERVICES.COM
WWW.GEOMARKOUT.COM

CORPORATE ADDRESS
P.O. Box 724, Pocatello, ID 83204 (Mail only)
6742 West Buckskin Rd., Pocatello, Id 83204

FIELD SERVICES:

SEATTLE/ SAC / AK / HAW-PACIFIC RIM
SOCAL

ULS SERVICES CORP

GEOMARKOUT LOCATING CO a trade name of ULS

Work Order Agreement

Job Site Location LINCOLN HEIGHTS FORMER JAIL	PO TO WA
City, State LOS ANGELES, CA	Job Date 8-22-18

CLIENT WESTON SOLUTIONS	FIELD TIME 3 REPORT 1	LABOR HOURS W/REPORT/ HRS 4
ADDRESS		FAXED
CITY, STATE, ZIP		TELEPHONED
PHONE/FAX		HAND DELIVERED
E-MAIL		E-MAILED

WORK REQUESTED: UTILITY SURVEY AT 6 PROPOSED POINTS AND TANK SEARCH

WORK PERFORMED	PRELIMINARY REVIEW OF CLIENT PROVIDED UTILITY DRAWINGS/AS-BUILTS: NONE
VISUAL SITE INSPECTION (MANHOLES, DRAINS): YES SURFACE ONLY	EMPCL CONDUCTIVE UTILITY SURVEY: CHECKED GAS: X ELECTRIC: X COMM.: X WATER: X
EMIMD METAL DETECTION SURVEY : YES AMBIENT NOISE AND SETTINGS LOW NOISE | GAIN 6 | ELEV LOW REBAR IN CONCRETE ? YES	EM INSERTION : NF - INSERTION METHODS NOT PROVIDED DUE TO HEALTH AND SAFETY. SEE NOTES BELOW REGARDING LATERALS
GPR NON-CONDUCTIVE SURVEY: POOR	CLIENT ON-SITE REVIEW OF FINDINGS: YES

GENERAL LIMITATIONS

NOTE: The work described herein is performed to industry standards (or higher) using multiple methodology and QA/QC protocol. ULS cannot guarantee the accuracy or the ability to detect all underground facilities and potential interferences. Non-conductive or conductive utilities/facilities may not be detected due to variables and constraints beyond ULS control. Where known, constraints and limitations will be brought to the client's attention. Excavation work may result in injury to persons and/or damage to facilities. Client and/or excavator are advised to take all steps necessary to avoid contact with underground facilities. This includes, but is not limited to, safe digging practices, hand tooling in congested areas and within two feet on side of marked utilities (distance may vary by law), utility drawing review, site facilities representative review, and "one-call" utilities notification. ULS and its representatives are not responsible for injury to persons or damage to facilities. This document and accompanying pages will be delivered to the client before commencement of intrusive work for the client's review. If any questions arise, please notify our office immediately.

NOTE: Specific comments/limitations/constraints, known and recognized will be recorded on attached pages (field notes). Caution – some facilities (conductive or non- conductive) may not be detected. Not all limitations and constraints may be recognized.

SIGNATURE OF ULS REPRESENTATIVE ON-SITE CHRIS REIMER		PAGE OF 1

ULS SERVICES

GEOMARKOUT
a trade name of ULS Services Corp (23 years Anv)

CLIENT **WESTON SOLUTIONS**
LOCATION **LINCOLN HEIGHTS**
DATE **8-22-18**

METHODS AND GENERAL OBSERVATIONS:

ARRIVED SITE AND COMPLETED H&S TAILGATE AND/OR PERMIT TO WORK WITH CLIENT. SET UP DELINEATORS AROUND VEHICLE AND NEAR BLINDSPOTS AND ENTRY WAYS. MADE GENERAL SITE WALK TO REVIEW SURVEY AREAS (PROPOSED ZONES). CHECKED FOR SURFACE UTILITY MANIFESTATIONS SUCH AS VALVES, METERS, CONDUITS, TRENCHING SEAMS, VAULT LIDS AND EXISTING ONE CALL MARKINGS. BEGAN MARKOUT WORK.

METHODS UTILIZED INCLUDE: EM PIPE AND CABLE LOCATOR USING AMBIENT, GROUND INDUCTION AND CONNNECTION MODE SWEEPS. EM INDUCTION METAL DETECTOR AND GPR. A CARTISIAN GRID PATH IS WALKED AT EACH PROPOSED ZONE USING ALL METHODOLOGY. OBSERVATIONS ARE MARKED WITH WHITE AND/OR PINK PAINT. ZONE IS MARKED OUT WITH WHITE AND/OR PINK MARKINGS (REFER TO PHOTOS).

SITE CALIBRATION - GENERAL OBSERVATIONS

EM PIPE AND CABLE TRANSMITTER TO RECIEVER (GROUND INDUCTION AND CONNECTION)
BROADCASTING IS _GOOD____ATTENUATION EFFECTS FROM
CONCRETE STEEL REINFORCEMENT NIL_____
EMIMD METAL DETECTOR BACKGROUND EM NOISE IS _LOW_____
GPR PENETRATION AND RESOLUTION IS __POOR_____.

SEE QA / QC OBSERVATION COMMENTS TO RIGHT SIDE AND SPECIFIC OBSERVATIONS / COMMENTS BELOW

ULS / GEOMARKOUT
a trade name of ULS Services Corp (23 years Anv)

CLIENT **WESTON SOLUTIONS**
LOCATION **LINCOLN HEIGHTS**
DATE **8-22-18**

SPECIFIC OBSERVATIONS AND COMMENTS OR CONCERNS:

PROPOSED :

SB4 – NO SIGNALS FOUND IN CONFLICT

SB5 – CAUTION FOR UNKNOWN AT SOUTH SIDE OF SURVEY ZONE

SB6 – CAUTION FOR POTENTIAL TANK EAST OF POINT. NO EM OR GPR RESPONSE NOTED DURING ATTEMPTS TO DELINEATE AROUND FILL PORT.

SB3 – NO SIGNALS FOUND IN CONFLICT

SB2 – CAUTION FOR VISUALS ON SEWER MANHOLE OBSERVED TRENDING AWAY FROM POINT. CAUTION FOR UNKNOWN ON EAST SIDE OF SURVEY ZONE. CAUTION FOR ELECTRIC ON WEST SIDE OF SURVEY ZONE.

SB1 – CAUTION FOR ELECTRIC AT APPROX 5' TO 6' EAST OF POINT. (MOVED FROM ORIGINAL LOCATION TO AVOID CONFLICT)

TANK SEARCH WAS LIMITED TO WEST AND SOUTH OF MAIN BLDG. POSSIBLE FILL PORTS NOTED ON WEST SIDE NEAR RAMP. ONE PORT OPENED AND MEASURED TO APPROX 5' TO BLOCKAGE OR TOP OF TANK. NO METAL DETECTOR OR MAGNETOMETER RESPONSE NOTED OTHER THAT AT FILL PORTS AND FENCE. GPR RESULTS WERE POOR WITH DEPTH READINGS MAX OF 2.5' TO 3'. NO PARABOLIC RESPONSE NOTED

END REPORT/ PHOTO EDITS ATTACHED

LOCATE ENERGY ISOLATION INCLUDING WATER AT THIS SITE AND SAWCUT, JACKHAMMER, AIRKNIFE DIG CAREFULLY IN EACH LOCATION.

.

CHRIS REIMER
ULS / GEOMARKOUT

	QA / QC Follows
X	**SITE WALK**
X	VISUALS
X	
X	**UTILITY MAINS**
X	**ELECTRIC** – CAUTION AT SB1 AND SB2
X	**TELEPHONE** – NONE OBSERVED
X	**NAT GAS NONE OBSERVED**
X	**WATER AWAY FROM POINTS**
X	SEWER/STORM VISUALS WHERE POSSIBLE
X	**SEWER LATERAL**
X	**CAUTION NO CLEANOUTS OBSERVED**
X	CAUTION PVC WATER
X	
X	**OTHER**
	FUELS SYSTEM
	USTS
	PIPING
	VENTS

APPENDIX C
LIMITED HAZARDOUS BUILDING MATERIALS SURVEY REPORT

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

October 26, 2018

Weston Solutions, Inc.
Mr. Brian Milton
2300 Clayton Road, Suite 900
Cocord, CA 94520

Transmitted Via E-mail: Brian.Milton@WestonSolutions.com

CSC Project No. 1027333

Subject: Hazardous Materials Survey Report
Lincoln Heights Jail
401 North Avenue 19
Los Angeles, CA 90031

Dear Mr. Milton:

In accordance with Weston Solutions Purchase Order: 0096810 dated August 13, 2018, CSC has completed the *Hazardous Materials Survey Report* for the above-referenced site. This report includes the procedures and methodologies, analytical laboratory results, sample location floor plans, and conclusions and recommendations.

CSC appreciates the opportunity to provide you with these services and we look forward to working with you again in the future. In the meantime if you have questions or comments regarding the information in this report or if we can be of further assistance please do not hesitate to contact us.

Sincerely,

Robert Clark, CAC, CDPH I/A
Project Principal
Clark Seif Clark, Inc.

818-727-2553

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Project Number: 1027333

Re: Hazardous Materials Survey Report
Lincoln Heights Jail Site
401 North Avenue 19
Los Angeles, CA 90031

CSC Local Office: Clark Seif Clark, Inc.
21732 Devonshire Street
P.O. Box 4299
Chatsworth, California 91313

Client: Weston Solutions, Inc.
Mr. Brian Milton
2300 Clayton Road, Suite 900
Cocord, CA 94520

Date Draft Report Issued: October 26, 2018

EXECUTIVE SUMMARY

Weston Solutions, Inc. (Weston) retained Clark Seif Clark, Inc. (CSC) to perform a Hazardous Materials Survey at the former Lincoln Heights Jail site which includes the jail building, an adjacent office building, and a warehouse building located on 401 North Avenue 19, Los Angeles, CA. The survey included an inspection for the presence of asbestos-containing materials (ACM); lead-containing paint and building components; PCB-containing building materials; mercury-containing components; chlorofluorocarbon (CFC)-containing refrigerant units or fire protection systems; mold and/or moisture impacted building materials; and biological waste.

Mr. Robert Clark, CAC and CDPH Inspector Assessor; Mr. Christian Goerrissen, CAC and CDPH Inspector Assessor; Mr. Noah Cordova, Asbestos Building Inspector; and Mr. Ivan Paxton Jr., Asbestos Building Inspector of CSC conducted the survey on August 23-29, 2018; a follow-up inspection was performed on October 1st and 2nd, 2018.

The visual inspection revealed high levels of contamination related to disturbed and damaged asbestos-containing thermal system insulation (TSI), damaged lead-based paint, leaking light ballasts, heavy pigeon droppings and dead fowl throughout the jail building.

The bulk samples of hazardous materials revealed the presence of ACM, LPB, LCM, and PCB. The following tables summarize the findings of CSC's Hazardous Materials Survey for the site. The findings are based on the visual inspection and analytical results of the samples collected during the site inspection:

Summary of Asbestos-Containing Materials

Suspect ACM	Percent and Type of Asbestos	Estimated Quantity Ft^2
Roof Core – Gray Capsheet, Silver Coating, Tar and Felt	5% Chrysotile	15,000
Gray/Black Roof Mastic	10% Chrysotile	505
Window Frame Seam Caulk	5-10% Chrysotile	1030
Seam Caulk	6% Chrysotile	30
Black/Gray Transite Board	25% Chrysotile	300
Black/Tan Cloth Wire Insulation	20% Chrysotile	1,000
Transite pipe	4% Chrysotile 5% Crocidolite	300
Exterior Window putty	3% Chrysotile	35,000
Mirror mastic	12% Chrysotile	3,000
White TSI Debris	10 %Amosite 5% Chrysotile	229,180

Suspect ACM	Percent and Type of Asbestos	Estimated Quantity Ft^2
Intact TSI on pipes	7% Amosite 3% Chrysotile	8,700
Intact TSI on elbows	10% Amosite 3% Chrysotile 2% Crocidolite	2,700
Vinyl floor tile	3%-10% Chrysotile	22,452
Floor tile mastic	5%-10% Chrysotile	31,000
Concrete	2% Chrysotile	16,000
Drywall System	2% Chrysotile	2,000
Cork Insulation With Tar Adhesive	10% Chrysotile	4,000
Plaster System – Trowel Texture	1% Chrysotile	800
HVAC Vibration Reducer – White	60% Chrysotile	200

Summary of Lead-Based Paint/Components

Testing Combination	Lead Concentration	Quantities (Ft^2)
Exterior Metal Door & Casing: Gray/Beige Paint	23,000-110,000 ppm	800
Exterior Metal & Wood Handrails: Gray/Red Paint	22,000-45,000 ppm	100
Exterior Metal Windows Bars/Frames and Rooftop Windows: Beige Paint	16,000-200,000 ppm	9,000
Exterior Concrete Walls and Rooftop Walls: Beige Paint	9,200-40,000 ppm	22,000
Penthouse Stairwell Walls: Beige Paint	15,000 ppm	400
Rooftop Metal Fan Units: Beige and Gray Paint	11,000-25,000 ppm	2,000
Plaster Wall System: Gray/Beige Paint	5,300-19,000 ppm	7,100
Interior Metal Doors/Casings, Pipe Chases: Beige/Green, White/Red, Paint	6,400-100,000 ppm	5,000
Metal Int. South Windows: Beige Paint	33,000-86,000 ppm	9,100
Metal Security Bars: Blue, Black, Beige, Red Paint	12,000-170,000 ppm	2,400
Basement Fumigation Metal Room/Tanks: Black Paint	81,000 ppm	300
Basement Laundry Room Metal Washing machine: Black Paint	8,200 ppm	1,000
Basement SE Metal Window Security Bars: Beige Paint	120,000 ppm	500
Office Bldg. Corridor Metal Door to No Stopping Signs Int. Doors: Green Paint	6,800 ppm	300
Warehouse Bldg. Metal Bollards: Yellow Paint	69,000 ppm	500

Summary of Universal Waste Materials/Biological Hazards

UWM Component	Locations	Number of Components/Quantity
PCB	Fluorescent light fixture ballasts in the jail building basement and floors 1-5; Pole mounted PCB transformers on the east exterior of the jail building	640
Mercury (Light tubes)	Fluorescent light fixture ballasts in the jail building basement and floors 1-5; in the office building and in the warehouse building	1,608
CFC	Rooftop HVAC units in the jail building and office building; refrigerators and freezers in the jail building; Drinking fountains in the jail and office buildings	28
Biohazard: Pigeon Droppings and dead pigeons	Pigeon droppings and dead pigeons throughout the second thru fifth floors, stairwells and rooftop penthouses of the jail building	147,400 Ft^2

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 SCOPE OF WORK 1
3.0 LIMITATIONS 2
4.0 SITE DESCRIPTION 3
5.0 METHODOLOGY 3
5.1 ASBESTOS 3
5.2 LEAD-BASED PAINT AND CONSTRUCTION MATERIALS 4
5.3 UNIVERSAL WASTE MATERIALS 4
5.4 BIOLOGICAL HAZARDS 4
6.0 APPLICABLE REGULATIONS AND GUIDELINES 5
6.1 ASBESTOS 5
6.2 LEAD-BASED PAINT 6
6.3 UNIVERSAL WASTE MATERIALS 6
6.4 BIOLOGICAL HAZARDS 7
7.0 VISUAL OBSERVATIONS 7
8.0 ANALYTICAL RESULTS 8
8.1 ASBESTOS 8
8.2 LEAD-BASED PAINT 14
8.3 UNIVERSAL WASTE MATERIALS 18
9.0 CONCLUSIONS AND RECOMMENDATIONS 26
9.1 ASBESTOS 27
9.2 LEAD BASED PAINT AND LEAD CONTAINING CONSTRUCTION MATERIALS 27
9.3 UNIVERSAL WASTE MATERIALS 27

LIST OF TABLES

Table 1: Results of Suspect Asbestos-Containing Materials 8
Table 2: Results of Paint Chip Samples 14
Table 3: PCB Analytical Results – (Bulk) 19
Table 4: PCB Analytical Results – (Wipe) 24
Table 5: Universal Waste Results (Visual) 25

APPENDICES

Appendix A ..... Laboratory Bulk Sample Results and Chain of Custody
Appendix B ..... XRF Data Sheets and Laboratory Paint Chip Results and Chain of Custody
Appendix C ..... PCB Laboratory Results and Chain of Custody
Appendix D ..... Site Photos
Appendix E ..... Site Plans
Appendix F ..... Accreditations and Certifications

1.0 INTRODUCTION

Weston Solutions, Inc. (Weston) retained Clark Seif Clark, Inc. (CSC) to perform a Hazardous Materials Survey at the former Lincoln Heights Jail site and in Los Angeles, California. The survey included an inspection for the presence of asbestos-containing materials (ACM); lead-containing paint and building components; PCB-containing building materials,; mercury-containing components; chlorofluorocarbon (CFC)-containing refrigerant units or fire protection systems; mold and/or moisture impacted building materials; and biological waste created by human and fowl.

Mr. Robert Clark, CAC and CDPH Inspector Assessor; Mr. Christian Goerrissen, CAC and CDPH Inspector Assessor; Mr. Noah Cordova, Asbestos Building Inspector; and Mr. Ivan Paxton Jr., Asbestos Building Inspector of CSC conducted the survey on August 23-29, 2018; a follow-up inspection was performed on October 1st and 2nd, 2018.

2.0 SCOPE OF WORK

The scope of work of the hazardous materials survey included the following elements:

- Review of available report prepared by Encorp titled "Hazardous Materials Inspection Report" dated November 6 & 7, 2014.

- Visual inspection of the interior and exterior of the buildings for the presence of suspect asbestos-containing materials (ACM); lead-containing paint and building components; PCB-containing building materials, light ballasts, and oil/staining; mercury-containing light tubes and thermostats; chlorofluorocarbon (CFC)-containing refrigerant units or fire protection systems; mold and/or moisture impacted building materials; and biological waste created by human and fowl.

- Collect and analyze bulk samples of suspect asbestos-containing materials.

- Collect and analyze paint chip samples of suspect lead-based paint. Also, perform an XRF building survey on painted surfaces.

- Collect and analyze suspect PCB-containing building material and surfaces.

- Document the number of presumed PCB-containing ballasts, mercury-containing fluorescent and high-intensity discharge (HID) light bulbs and thermostats or other switches, and potential CFC-containing components at the property.

- Visual inspection for the presence of mold and/or moisture-impacted building materials.

- Visual inspection for biologically hazardous materials.

- Preparation of report, which presents sampling results, maps of sampling locations, and estimates of hazardous material quantities.

3.0 LIMITATIONS

The survey of the jail building was performed under conditions that resulted in limitations in performing a comprehensive site inspection. At the time of the survey, the jail building was partially energized; the electrical room in the basement had power and some of the electrical panels were intact. Due to electrical hazard, CSC did not perform an assessment other than a visual inspection of the electrical system. On the other hand, there was no power in the building and the entire inspection was performed using flashlights and headlamps. This posed limitations of the visual inspection and created trip and fall hazards.

The survey was performed wearing Level C Personal Protective Equipment (PPE); which limited mobility and restricted access to several areas. Finally, safety limitations prevented CSC from accessing the open elevator shafts or the ceiling spaces in the building.

CSC did not perform any underground investigation or testing; there is a likelihood that buried asbestos-containing utility pipes and lines exist underground on the property which may be discovered during any excavation at the property.

Considering the aforementioned limitations, the field observations, measurements, and research reported herein are considered sufficient in detail and scope to form a reasonable basis for the hazardous materials survey of this subject property. The assessment, conclusions, and recommendations presented herein are based upon the subjective evaluation of limited data. They may not represent all conditions at the subject property as they reflect the information gathered from specific locations. The findings and conclusions contained herein have been promulgated in accordance with generally accepted industrial hygiene methodology and only for the subject property described in this report.

4.0 SITE DESCRIPTION

The former Lincoln Heights Jail is located at 401 North Avenue 19 in Los Angeles, California (Site). The Site is occupied by three buildings, currently owned by the City of Los Angeles (City). The central main structure (former Jail Building) has five stories plus a basement, and covers approximately 229,120 square feet. This building is vacant. Two smaller one-story buildings are present on the south side of the Site (approximately 7,300 and 11,800 square feet each), and are utilized by the City of Los Angeles Department of Transportation. The City plans to renovate the former jail building for a multiple use facility, and to demolish the two smaller buildings.

The main Jail Building was constructed around 1931. The 11,800 square foot office was built in 1948. The 7,300 square foot warehouse building is more recent, and constructed between 1964 and 1970. The likely presence of hazardous building materials is related in large part to the age of these structures, since most of the hazardous materials such as asbestos, lead-based paint (LBP), and polychlorinated biphenyls (PCBs) were common constituents in construction materials and other components during this era.

5.0 METHODOLOGY

5.1 ASBESTOS

Sampling of suspect-asbestos-containing materials was performed as required by the Asbestos Hazard Emergency Response Act (AHERA, 40 CFR Part 763, Appendix E to Subpart F) and the South Coast Air Quality Management District (SCAQMD, rule 1403).

Suspect asbestos materials were sampled and later identified using Polarized Light Microscopy (PLM) method in accordance with EPA Interim method for Determination of Asbestos in Bulk Samples (EPA/600/R-93/116, July 1993). The PLM Method is the most commonly used method to analyze building materials for the presence of asbestos. This method utilizes the optical properties of minerals to identify the selected constituent. The use of this method enables identification of the type and percentage of asbestos in a given sample. The PLM detection limit for asbestos identification is about one (1) percent asbestos. Because the State of California recognizes asbestos-containing building material (ACBM) as any material which contains greater than or equal to one tenth of one percent (.1) asbestos, materials containing "trace" amounts of asbestos are reported as ACBM in the State of California. The EPA, NESHAPS 40 CFR, M, recommends application of the more quantitative 400 Point Count Method when a sample material contains less than 10% asbestos by PLM. Documentation of laboratory results should be retained as a reference for general building safety and maintenance, and for any future renovation/ demolition activities.

5.2 LEAD-BASED PAINT AND CONSTRUCTION MATERIALS

CSC identified painted testing combinations and collected paint chip samples from the painted surfaces on a floor by floor basis throughout the site. The paint was scraped from the various surfaces into clean, plastic containers and submitted for analysis. The samples were submitted under proper chain of custody to LA Testing Laboratory in South Pasadena, California for lead analysis Flame AAS (SW 846 3050/700B) method.

The HUD Guidelines define lead positive when paint chip sample laboratory analysis is greater than or equal to 5000 ppm (parts per million by weight) (0.5% by dry weight). Los Angeles County incorporates compliance with the HUD Guidelines.

It is significant to note that the "positive" threshold for lead based paint (LBP) based on the HUD Guideline is 0.5 percent by weight or 5,000 parts per million (ppm). Care should be exercised in acknowledging that the DOSH lead standards contained in Title 8 CCR Sections 1532.1 (Construction Industry) and 5198 (General Industry) have no such thresholds and are concerned with exposures generated by disturbance of materials that contain any detectable lead, which may include materials containing less than 0.5 percent by weight.

5.3 UNIVERSAL WASTE MATERIALS

The survey was conducted to meet the requirements of the EPA Resource Conservation and Recovery Act (RCRA) for hazardous, universal and/or regulated materials and universal waste in accordance with the California regulations in Title 22, Chapter 23 of the California Code of Regulations during the upcoming demolition activities.

The Universal Waste Materials in this survey include the following:

- Polychlorinated Biphenyls (PCBs);
- Mercury; and
- Chlorofluorocarbons (CFCs)

Universal Waste Materials were visually identified, inventoried and quantified. Bulk sampling of potential PCB-containing materials was performed and the samples were analyzed by a National Environmental Laboratory Accreditation Program (NELAP) certified laboratory according to EPA Method 8082.

5.4 BIOLOGICAL HAZARDS

Identify suspect biologically hazardous materials using the following procedures:

- Perform visual assessment for the presence of visible mold and/or water damage throughout the structures.
- Plot the location of visible mold and water damage on a floor by floor plan.
- Document the location of any human and/or animal fecal or waste material throughout the building.

6.0 APPLICABLE REGULATIONS AND GUIDELINES

6.1 ASBESTOS

CSC performed the asbestos survey in accordance with SCAQMD Rule 1403, AHERA 40 CFR Part 763 and US EPA NESHAP 40 CFR 61, Subparts A and M.

The Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763, as implemented by the US EPA, Primarily pertains to the assessment and management of ACMs in Kindergarten through Grade 12, non-profit schools. However, many of the procedures, training requirements, and certifications defined by AHERA have become the industry standard for most other facilities. For this survey, CSC utilized AHERA protocols in the identification, assessment, and sampling of building materials suspected of containing asbestos.

U.S. EPA NESHAP regulations for asbestos apply to certain demolition and renovation projects in facilities containing ACM and/or assumed ACM. NESHAP usually requires all friable ACM and some categories of non-friable ACM be removed before a building is demolished, and may require localized removal before or as part of a renovation. For renovation projects where friable ACM will be disturbed, NESHAP may require appropriate work practices or procedures for the control of emissions. The following U.S. EPA NESHAP definitions of ACM are very important in interpreting which NESHAP requirements may apply to the site building:

- *Friable asbestos-containing material*: any material containing more than one (1) percent asbestos that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
- *Category I non-friable asbestos-containing material*: asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one (1) percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- *Category II non-friable asbestos-containing material*: any material excluding Category I non-friable ACM, containing more than one (1) percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- *Regulated asbestos-containing material (RACM):* (1) friable ACM, (2) Category I non-friable ACM that has become friable (3) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (4) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the materials in the course of demolition or renovation operations regulated by NESHAP.

The South Coast Air Quality Management District (SCAQMD) must be notified 10 working days prior to the start of any asbestos-abatement projects that exceed 100 square feet of asbestos-containing material.

The Occupational Safety & Health Administration (OSHA) must be notified 24 hours prior to the start of any asbestos-abatement project.

6.2 LEAD-BASED PAINT

The US EPA, HUD, and CDPH define LBP as paint containing greater than 0.5% lead by weight or 5,000 parts per million (ppm) of total lead by laboratory analysis, or a lead content of 1.0 milligrams per square centimeter (mg/cm2) by XRF measurement. Federal OSHA and Cal/OSHA regulations (Lead Construction Standard) do not provide a definition for “lead-based paint” but refer to the US EPA, HUD, and CDPH criteria mentioned above. Cal/OSHA is primarily concerned with worker protection, and regulates any amount of lead contained within painted building components.

Both Federal OSHA and Cal/OSHA provide an Action Level (AL) of 30 micrograms per cubic meter (µg/m3) of airborne lead for an 8-hour, time-weighted average. Specific worker training and worker protection are to be provided by employers if workers are exposed to airborne lead at or above the AL. Additionally, both Federal OSHA and Cal/OSHA provide a Permissible Exposure Limit (PEL) for worker exposure to airborne lead particles of 50 µg/m3 of air for an 8-hour, time-weighted average. According to Cal/OSHA (CCR Title 8, Section 1532.1), employers may assume that disturbance of coatings or materials shown to contain less than 0.06% lead by weight (equivalent to 600 ppm lead) will not result in exposures above the applicable AL as long as workers are not performing the Cal/OSHA designated “trigger tasks” (such as manual demolition, manual sanding or scraping, or abrasive blasting). However, renovation or demolition activities that include materials with lead in any concentration could, under certain circumstances, trigger Federal OSHA and Cal/OSHA regulations. The concentrations of airborne lead generated by disturbing paints at the Site would vary based upon several factors, including the type of activity (including "trigger tasks") and the severity of disturbance to the building materials. Measurement of airborne lead concentrations would require air monitoring by a trained lead professional during the disturbance of building materials.

6.3 UNIVERSAL WASTE MATERIALS

The survey was conducted to assist the renovation contractors in meeting the requirements of RCRA for hazardous, universal and/or regulated materials and universal waste in accordance with the California regulations in Title 22, Chapter 23 of the California Code of Regulations (CCR), and Title 40 of the Code of Federal Regulations (CFR) in part 273.

6.4 BIOLOGICAL HAZARDS

The following is a list of applicable rules that mostly apply to worker protection during the cleanup of biological hazards:

OSHA and California Emergency Response Plan Regulations for Biohazard Cleaning on a Construction Site

The Occupational Health and Safety Association or OSHA is a federal agency in charge of determining worker safety regulations and guidelines. Part of the guidelines that OSHA have put in place is for construction site cleanup procedures by companies after an accidental death has occurred due to hazardous waste accidents or unforeseen circumstances on the job site that result in a fatality occurring.

Hazardous Waste Clean Up

The OSHA guidelines for this type of cleanup under regulation 1910.120 states that the removal and cleaning of hazardous waste must be done by a separate team of professionally trained cleaners and not the janitorial staff of a company.

Emergency Response Plan (ERP) Summary State of California

Included in California's ERP are all of the OSHA regulations and guidelines for cleanup. Companies also have to make sure that their plans are in compliance with state and local emergency response plans if both exist. In the state of California, the Hazardous Materials Emergency Planning Guide NRT-1 is the major piece of reference material that was used to construct the state's emergency response plan other than the OSHA guidelines themselves. So, there are several additional guidelines in California's plan that are not specifically addressed in the OSHA standards:

7.0 VISUAL OBSERVATIONS

CSC performed a limited visual inspection to assess the condition of the hazardous materials. The inspection determined that the former jail building is contaminated with asbestos, lead, PCB, and biological materials.

Visible asbestos-containing TSI is present throughout the jail building as a result of vandalism to remove and access the copper pipes of the building. The pipes are insulated with asbestos-containing materials. In addition to asbestos debris, the inspection revealed visible delaminated paint that contains elevated levels of lead throughout the building surfaces. Peeling paint and paint chip debris could be seen on most surfaces of the building. CSC observed that many of the fluorescent light fixture ballasts were leaking PCB containing oils. Finally, visible biological waste, fowl and human, is present on several floors.

8.0 ANALYTICAL RESULTS

8.1 ASBESTOS

A total of two hundred fifty four (254) bulk samples were collected and analyzed on a layer-by-layer basis using polarized light microscopy (PLM). A complete list of the laboratory results can be found in Appendix A. The following table summarizes the analytical results:

Table 1: Results of Suspect Asbestos-Containing Materials

Sample No:	HM	Material	Concentration	Location of Material	Est. Area (ft^2)
Jail Building Exterior and Roof					
7333 B1-B6	1	Roof Core – Capsheet 1,2 silver paint, Tar, Roofing and Felt	NAD	Ground Level Platform Roof System, Loading Dock, Courthouse Entry	40,000
7333 B7-B9	2	Roof Core – Gray Capsheet w/brown insulation, Tar and Adhesive like	NAD	North Roof Field System	22,000
7333 B10-B11	***3***	***Roof Core – Gray Capsheet over Felt***	***5% Chrysotile***	***Walkway East of Fan Room and South East Roof Field***	***20,000***
7333 B12	4	Roof Core – Gray Capsheet over Felt	NAD	Elevator Penthouse Roof	200
7333 B13-B17	***5***	***Roof Core – Gray Capsheet, Silver Coating, Tar and Felt***	***5% Chrysotile***	***West Penthouse, Elevated Roof S of Fan Room, Fan Room Roof Freight Elevator Penthouse Roof***	***15,000***
7333 B18-B25	***6***	***Gray/Black Roof Mastic***	***10% Chrysotile***	***Ground Level Platform Roof, West Canopy Flashing, 2nd Floor West Roof System***	***500***
7333 B26-B28	7	Stucco Texture on Concrete	NAD	West Penthouse Exterior Walls	800
7333 B29-B31	8	2'x 2' Wall Tiles	NAD	North Bldg. Exterior walls	5,000
7333 B32-B34	***9***	***Window Frame Seam Caulk***	***5% Chrysotile***	***North Bldg. Exterior Windows***	***1,000***
7333 B35	***10***	***Seam Caulk***	***6% Chrysotile***	***West Canopy over Loading Dock***	***30***
7333 B36-B38	***11***	***Window Frame Seam Caulk***	***8-10% Chrysotile***	***South Bldg. Exterior Windows***	***30***
7333 B113-B116	36	Stucco System – Rough Texture	NAD	Penthouse Mechanical Room	2,000
7333 B117-B118	37	Plaster System – Smooth Finish	NAD	Penthouse Stairwell Ceiling and Walls	1,000
7333 B176-B178	49	Concrete	NAD	West Exterior Wall at 2nd Floor, West Loading Dock Curb, SE Exterior Wall	400,000
7333 B182-B184	***53***	***Black Transite Board***	***25% Chrysotile***	***Penthouse Mechanical Room-Electrical Panel; debris on roof at NE area***	***10***
7333 B185-B187	***54***	***Black/Tan Cloth Wire Insulation***	***20% Chrysotile***	***Cloth insulated electrical wiring was observed in the electrical panels on all floors***	***1,000***
7333 B203	58	Brown battleship flooring with brown adhesive	NAD	1st floor NW – Temporary Detention Room	200

Sample No:	HM	Material	Concentration	Location of Material	Est. Area (ft^2)
ENCORP	***60***	***Transite pipe***	***4% Chrysotile 5% Crocidolite***	***Roof, exterior wall, wall cavities***	***300***
ENCORP	***61***	***Exterior Window putty***	***3% Chrysotile***	***Exterior windows on the penthouse, roof, basement, 1st – 5th floors***	***35,000***
ENCORP	***62***	***Mirror mastic***	***12% Chrysotile***	***1st, 3rd, 4th and 5th floors***	***3,000***
ENCORP	63	Acoustic ceiling spray	NAD	1st floor south hall	8,000
ENCORP	64	Interior window putty	NAD	All floors	35,000
Jail Bldg. 5th Floor					
7333 B202	***57***	***White TSI Debris***	***10% Amosite 5% Chrysotile***	***Scattered debris throughout the fifth floor***	***36,600***
7333 B195	***57***	***Intact TSI on pipes***	***7% Amosite 3% Chrysotile***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***1,000***
7333 B196	***57***	***Intact TSI on elbows***	***10% Amosite 3% Chrysotile 2% Crocidolite***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***500***
7333 B39-B41	***12***	***Green 9x9 VFT***	***7% Chrysotile***	***5th Floor South Office***	***200***
7333 B39-B41	12	Black floor tile mastic	NAD	5th Floor South Office	200
7333 B42-B44	***13***	***Tan 9x9 VFT***	***2-3% Chrysotile***	***5th Floor NW Office***	***400***
7333 B42-B44	13	Black/yellow floor tile mastic	NAD	5th Floor NW Office	400
7333 B45-B47	14	White 12x12 VFT w/yellow glue	NAD	5th Floor Bathroom	200
7333 B48-B50	***15***	***Brown 9x9 VFT***	***8% Chrysotile***	***5th Floor NE Corner Room***	***2***
7333 B48-B50	15	Black floor tile mastic	NAD	5th Floor NE Corner Room	100
7333 B51-B53	16	Beige 12x12 VFT w/yellow and black mastic	NAD	5th Floor NE Hall	100
7333 B119	37	Plaster System – Smooth Finish	NAD	5th Floor North Corridor Ceiling	59,000
7333 B128-B129	38	Plaster System – Sand Texture	NAD	5th Floor SE Restroom Ceiling and SE Day Room Ceilings	59,000
7333 B139	39	Plaster System on Metal Lath	NAD	5th Floor Shower Walls	5,000
7333 B140	40	Vapor Barrier Paper	NAD	5th Floor Shower Walls Behind Plaster System	5,000
7333 B145-B146	***41***	***Concrete***	***2% Chrysotile***	***5th Floor Cell Beds and cell walls***	***8,000***
7333 B150-B152	42	Drywall System	NAD	5th Floor North Storage and Office	1,000
7333 B162	45	Brown Ceiling Tile Mastic	NAD	5th Floor NW Offices	400
7333 B163	46	12x12 Straight Hole Ceiling Tile	NAD	5th Floor NW Offices	400

Sample No:	HM	Material	Concentration	Location of Material	Est. Area (ft^2)
7333 B164-B166	45	Brown Ceiling Tile Mastic	NAD	5th Floor Day Room, NW Offices	400
Jail Building – 4th Floor					
7333 B201	***57***	***White TSI Debris***	***8% Amosite 8% Chrysotile***	***Scattered debris throughout the fourth floor***	***36,600***
7333 B195	***57***	***Intact TSI on pipes***	***7% Amosite 3% Chrysotile***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***1,000***
7333 B196	***57***	***Intact TSI on elbows***	***10% Amosite 3% Chrysotile 2% Crocidolite***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***500***
7333 B120-B121	37	Plaster system – Smooth finish	NAD	4th Floor walls and south corridor ceiling system	59,000
7333 B130-B131	38	Plaster System – Sand Texture	NAD	4th Floor North Corridor Walls and South Corridor Ceiling System	59,000
7333 B141	39	Plaster System on Metal Lath	NAD	4th Floor Shower Walls	5,000
7333 B142	40	Vapor Barrier Paper	NAD	4th Floor Shower Walls Behind Plaster System	5,000
Jail Building – 3rd Floor					
7333 B200	***57***	***White TSI Debris***	***8% Amosite 6% Chrysotile***	***Scattered debris throughout the third floor***	***36,600***
7333 B195	***57***	***Intact TSI on pipes***	***7% Amosite 3% Chrysotile***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***1,000***
7333 B196	***57***	***Intact TSI on elbows***	***10% Amosite 3% Chrysotile 2% Crocidolite***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***500***
7333 B54-B56	***17***	***Green 9x9 vinyl floor tile***	***8% Chrysotile***	***3rd Floor East Side Office***	***400***
7333 B54-B56	17	Black floor tile mastic and gray leveling compound	NAD	3rd Floor East Side Office	400
7333 B57-B59	***18***	***Brown 9x9 VFT***	***8-10% Chrysotile***	***3rd Floor NW office***	***300***
7333 B57-B59	18	Black floor tile mastic	NAD	3rd Floor NW office	300
7333 B122-B124	37	Plaster System – Smooth Finish	NAD	3rd Floor Bathroom walls, Elevator Lobby walls and Office walls	59,000
7333 B132-B133	38	Plaster System – Sand Texture	NAD	3rd Floor South Restroom Ceilings and South Elevator Lobby walls	59,000
Jail Building – 2nd Floor					
7333 B199	***57***	***White TSI Debris***	***10% Amosite 5% Chrysotile***	***Scattered debris throughout the second floor***	***36,600***
7333 B195	***57***	***Intact TSI on pipes***	***7% Amosite 3% Chrysotile***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***1,000***
7333 B196	***57***	***Intact TSI on elbows***	***10% Amosite 3% Chrysotile 2% Crocidolite***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***500***
7333 B60-B62	***19***	***Brown 9x9 vinyl floor tile***	***8% Chrysotile***	***2nd Floor NW Office***	***300***

Sample No:	HM	Material	Concentration	Location of Material	Est. Area (ft^2)
7333 B60-B62	19	Black floor tile mastic	NAD	2nd Floor NW Office	300
7333 B63-B65	20	Gray, Pink, Black vinyl Shelf liner	NAD	2nd Floor S. Bathroom on Cabinets	10
7333 B125	37	Plaster System – Smooth Finish	NAD	2nd Floor West Day Room Wall System	59,000
7333 B134	38	Plaster System – Sand Texture	NAD	2nd Floor South Day Room Walls	59,000
7333 B143	39	Plaster System on Metal Lath	NAD	2nd Floor Shower Walls	5,000
7333 B144	40	Vapor Barrier Paper	NAD	2nd Floor Shower Walls Behind Plaster System	5,000
7333 B147-B149	***41***	***Concrete***	***2% Chrysotile***	***2nd Floor Cell Beds and cell walls***	***8,000***
7333 B167-B169	46	12x12 Fissured Ceiling Tile w/mastic	NAD	2nd Floor NW Felony Booking Room	400
Jail Building – 1st Floor					
7333 B198	***57***	***White TSI Debris***	***10% Amosite 5% Chrysotile***	***Scattered debris throughout the first floor***	***40,280***
7333 B195	***57***	***Intact TSI on pipes***	***7% Amosite 3% Chrysotile***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***1,500***
7333 B196	***57***	***Intact TSI on elbows***	***10% Amosite 3% Chrysotile 2% Crocidolite***	***Pipe runs in the wall chases and above the corridor drop ceiling***	***500***
7333 B66-B68	***21***	***Green 9x9 vinyl floor tile***	***7%-8% Chrysotile***	***1st Floor South General Office, Book Keeping Room and S. Corridor***	***10,000***
7333 B66-B68	***21***	***Black/yellow floor tile mastic***	***10% Chrysotile***	***1st Floor South General Office, Book Keeping Room and S. Corridor***	***10,000***
7333 B69-B71	***22***	***Black Floor Tile Mastic***	***6% Chrysotile***	***1st Floor – Visitors Room, Public Lobby and General Office***	***1,000***
7333 B72-B74	***23***	***Black Floor Tile Mastic***	***5% Chrysotile***	***1st Floor Corridor at Entry***	***200***
7333 B75-B77	***24***	***Red 9x9 VFT***	***7-8% Chrysotile***	***1st Floor Officers Mess Room***	***800***
7333 B75-B77	***24***	***Black floor tile mastic***	***10% Chrysotile***	***1st Floor Officers Mess Room***	***800***
7333 B78-B80	***25***	***Brown 9x9 VFT***	***7-8% Chrysotile***	***1st Floor SW Entry by Loading Dock***	***25***
7333 B78-B80	25	Black floor tile mastic	NAD	1st Floor SW Entry by Loading Dock	25
7333 B81-B83	***26***	***Gray 9x9 VFT***	***8% Chrysotile***	***1st Floor Book Keeping Restroom Floor***	***25***
7333 B81-B83	26	Black floor tile mastic	NAD	1st Floor Book Keeping Restroom Floor	25
7333 B84-B86	***27***	***Light Tan 12x12 VFT***	***2% Chrysotile***	***1st Floor Elevator Lobby***	***400***
7333 B84-B86	***27***	***Black floor tile mastic***	***3-10% Chrysotile***	***1st Floor Elevator Lobby***	***400***
7333 B87-B89	28	Brown Sheet Flooring w/mastic	NAD	1st Floor Book Keeping Room	400

Sample No:	HM	Material	Concentration	Location of Material	Est. Area (ft^2)
7333 B90-B93	29	Gray Sheet Flooring w/mastic	NAD	1st Floor Wards Office	300
7333 B94-B97	***30***	***Brown 9x9 VFT***	***7-8% Chrysotile***	***1st Floor – Judges Office, Courtroom, Parole Office, NE Corner Office***	***9,600***
7333 B94-B97	***30***	***Black floor tile mastic***	***10% Chrysotile***	***1st Floor – Judges Office, Courtroom, Parole Office, NE Corner Office***	***9,600***
7333 B98-B100	31	Gray 12x12 VFT – Self Stick	NAD	1st Floor Office Corridor SE Room	25
7333 B101-B103	32	Red/Brown Carpet Glue	NAD	1st Floor Un-sentenced Prisoners Room	400
7333 B104-B106	33	Yellow 12x12 VFT w/yellow glue	NAD	1st Floor Records Room	250
7333 B107-B109	34	Gray Flooring Adhesive (soft)	NAD	1st Floor Dr. Exam Room	100
7333 B110-B112	35	Brown Floor Coating	NAD	1st Floor under Ramp, Exterior Under Covered Dock NW	1,000
7333 B202	28	Brown battleship flooring	NAD	1st Floor NW, temporary detention room	200
7333 B126-B127	37	Plaster System – Smooth Finish	NAD	1st Floor NW Area Walls, SE Office Restroom Walls and Ceilings	59,000
7333 B135-B136	38	Plaster System – Sand Texture	NAD	1st Floor SW Office Walls and Ceilings	59,000
7333 B153-B157	***43***	***Drywall System***	***2% Chrysotile***	***1st Floor Drunk Tank Rooms***	***2,000***
7333 B158	***44***	***Cork Insulation With Tar Adhesive***	***10% Chrysotile***	***1st Floor Walk in Fridge***	***1,000***
7333 B170-B172	47	12x12 Fissured Ceiling Tile w/brown mastic	NAD	1st Floor Courtroom Lobby	1,000
7333 B173-B175	48	12x12 Straight Hole Ceiling Tile w/mastic, Brown Ceiling Tile Mastic	NAD	1st Floor Records Room, NW Room, Jail Lobby and Officers Mess	2,000
7333 B191-B194	***56***	***Plaster System – Trowel Texture***	***1% Chrysotile***	***1st Floor SE Office Walls and Ceiling***	***800***
Jail Building - Basement					
7333 B197	***57***	***White TSI Debris***	***10% Amosite 3% Chrysotile***	***Scattered debris throughout the basement***	***42,500***
7333 B195	***57***	***Intact TSI on pipes***	***7% Amosite 3% Chrysotile***	***Ceiling mounted pipe runs***	***3,200 LF***
7333 B196	***57***	***Intact TSI on elbows***	***10% Amosite 3% Chrysotile 2% Crocidolite***	***Ceiling mounted pipe runs***	***200***
7333 B137-B138, B204-B206	38*	Plaster system – Sand Texture	NAD	Basement kitchen ceiling system and west storage room walls	59,000
7333 B207	59	Black plaster vapor barrier paper	NAD	Basement kitchen ceiling	2,000
7333 B159-B161	***44***	***Cork Insulation With Tar Adhesive***	***10% Chrysotile***	***Basement Walk in Fridge; Fan Room on Fan Unit***	***3,000***
7333 B179	***50***	***HVAC Vibration Reducer – White***	***60% Chrysotile***	***Basement lower Fan Room Flex Collar***	***200***
7333 B180	51	HVAC Vibration Reducer – Gray	NAD	Basement South Fan Room	100

Sample No:	HM	Material	Concentration	Location of Material	Est. Area (ft^2)
7333 B181	52	Fiberglass/Cloth Duct Insulator - Beige	NAD	Basement on Rigid Ducting	8,000
7333 B188-B190	***55***	***Light Gray Transite Board***	***20% Chrysotile***	***Basement Electrical Room – Panel Blocks***	***50***
Office Building					
7333 B1-B4	1	White multi-colored 12x12 vinyl floor tile with yellow glue	NAD	Conference room; front ready room, restroom corridor and office	1,250
7333 B5-B7, B11	2	Gray 12x12 vinyl floor tile with yellow glue	NAD	Front office (bottom layer); SE ready room; water heater closet	600
7333 B8-B10	3	Brown and Tan 12x12 vinyl floor tile with tan/yellow glue	NAD	Temp sign Supervisor Office	200
7333 B12-B16	4	Teal and brown 4" vinyl base cove with yellow/beige glue	NAD	Front office and men's locker room	200
7333 B17-B19	5	Drywall system (skim coat/mud, wallboard)	NAD	Supervisors office, front restroom corridor, conference room	1,000
7333 B20-B21; B209-B211	6	Wall texture on concrete	NAD	Interior concrete walls	10,000
7333 B22-B24	7	Ceiling plaster	NAD	Front ready room and office, loading dock and conference room (above drop ceilings)	1,600
7333 B25	8	2x2 fiberglass ceiling panels	NAD	Supervisors office ceiling	200
7333 B26-B29	9	2x2 rough texture ceiling panels	NAD	Front office and ready room, conference room	1,600
7333 B30-B32	10	Brown ceiling tile mastic	NAD	Front ready room and office; conference room (above drop ceilings)	1,400
7333 B33-B36, B212	11*	White wall texture on concrete	NAD	Exterior walls	10,000
7333 B37	***12***	***Gray roof mastic***	***10% Chrysotile***	***Roof panels at screws***	***5***
7333 B37-B39	13	Gray roof caulk	NAD	Roof panels at screws	100
7333 B208	44	Cork insulation with tar	NAD	Cold storage room walls and ceiling	600
Warehouse Building					
7333 B1-B3	1	Drywall system (skim coat/mud, wallboard)	NAD	Interior walls: Restroom, south and west walls in warehouse	2,000

Sample No:	HM	Material	Concentration	Location of Material	Est. Area (ft^2)
NAD=No Asbestos Detected HM=Homogeneous Material Jail Bldg. HM 38*: A single sample collected in the basement kitchen of the eleven plaster samples collected from the building showed <1% Actinolite in the initial analysis; CSC collected three additional samples from the basement kitchen which all tested negative. CSC concludes that the sand plaster material in the building is not asbestos-containing. Office Bldg. HM 6*: One of the two samples showed <1% Chrysotile in the initial analysis; three additional samples were collected and submitted for a second analysis which tested negative. CSC concludes that the material is not asbestos-containing. HM11*: One of four of the texture samples showed <1% Chrysotile in the initial analysis; the material was re-sampled and submitted for a second analysis which tested negative. CSC concludes that the material is not asbestos-containing.					

8.2 LEAD-BASED PAINT

A total of one hundred and nine (109) paint chip samples were collected from the painted testing combinations in the three buildings at the site. The laboratory results are found in Appendix B. The following table presents a summary of our findings:

Table 2: Results of Paint Chip Samples

Sample Number	Testing Combination	Sample Location	Lead Concentration	Quantities (Ft^2)
Jail Exterior and Roof				
(7333 PC-1)	Exterior Concrete Stairs: Green Paint	East Side at Entry	340 ppm	1,000
(7333 PC-2)	Exterior Metal Door & Casing: Gray Paint	East Door To Judges Room	23,000 ppm	30
(7333 PC-3)	Exterior Metal Door & Casing: Gray Paint	South Doors To Basement	110,000 ppm	70
(7333 PC-4)	Exterior Metal Handrails: Gray Paint	South Ext. By Basement	22,000 ppm	30
(7333 PC-5)	Exterior Wood Handrails: Gray/Red Paint	West Ext. By NW Loading Dock.	45,000 ppm	30
(7333 PC-6)	Exterior Metal Window Frames: Beige Paint	South Window By Basement Entry	200,000 ppm	9,000
(7333 PC-7)	Exterior Metal Window Bars: Beige Paint	South Window By Basement Entry	170,000 ppm	9,000
(7333 PC-8)	Exterior Metal Window Frames: Beige Paint	South Side At SW Corner	16,000 ppm	9,000
(7333 PC-9)	Exterior Concrete Walls: Beige Paint	SW Ext. At 1st Floor	490 ppm	21,000
(7333 PC-10)	Exterior Concrete Walls: Beige Paint	East Side Above Awning	40,000 ppm	21,000
(7333 PC-11)	Roof/Penthouse Metal Doors & Casings	Penthouse on East Door	30,000 ppm	70
(7333 PC-12)	Roof/Penthouse Metal Doors & Casings: Beige Paint	Elevator Penthouse Ladder	77,000 ppm	85
(7333 PC- 13)	Penthouse Stairwell Walls: Beige Paint	Penthouse Stairwell By SW Wall	15,000 ppm	400
(7333 PC- 14)	Rooftop South Exterior Concrete Walls: Beige/Gray Paint	Roof Top S. Ext. At W. Corner	240 ppm	1,000
(7333 PC- 15)	Roof Parapet Concrete Walls: Green Paint	Roof Top Parapet Wall at E. Side	1,300 ppm	120

(7333 PC- 16)	Rooftop Penthouse Exterior Concrete Walls: Beige Paint	Roof Top Penthouse Walls	9,200 ppm	1,000
(7333 PC-17)	Rooftop SE Yard Metal Window Cases: Beige Paint	Roof Top SE Yard NW Walls	30,000 ppm	100
(7333 PC-18)	Rooftop Metal Fan Units: Beige Paint	Roof Top Fan Units S & W	25,000 ppm	1,500
(7333 PC-19)	Low Roof Metal Fan Units: Beige/Gray Paint	Low Roof (2nd floor) Fan Units	11,000 ppm	400
(7333 PC-20	Asphalt Rooftop yard: Silver Roof Coating	SE Roof Yard	<100 ppm	15,000
(7333 PC-21)	Concrete Roof Walkway & Loading Dock Ramps: Brown Texture Coat	Roof Walkway & Loading Dock Ramps	<100 ppm	500
Jail Building 5th Floor				
(7333 PC- 22)	5th Floor Concrete Corridor Floors: Gray Paint	Corridors	200 ppm	2,000
(7333 PC- 23)	5th Floor S. Corridor Int. Plaster Walls: Gray Paint	S. Corridor	19,000 ppm	5,000
(7333 PC-24)	5th Floor S. Corridor Int. Concrete Ceilings: Beige Paint	S. Corridor	<1,000 ppm	20,000
(7333 PC- 25)	5th Floor Metal Doors & Casings: Beige/Green Paint	S. Doors to Pipe Chases	26,000 ppm	200
(7333 PC- 26)	5th Floor Int. Wood Doors & Offices	Doors @ NW Offices	1,800 ppm	200
(7333 PC-27)	5th Floor Metal Int. Doors & casings: White/Red Paint	Doors @ NW Offices	48,000 ppm	800
(7333 PC-28)	5th Floor Metal Doors to Pipe Chases: Beige/Green Paint	Doors to Pipe Chases North	34,000 ppm	800
(7333 PC- 29)	5th Floor Metal Int. South Windows: Beige Paint	S. Windows	86,000 ppm	9,000
(7333 PC-30)	5th Floor Metal Int. North Windows: Beige/Green Paint	N. Windows	1,100 ppm	9,000
Jail Building 4th Floor				
(7333 PC-31)	4th Floor North Int. Plaster Walls: Beige/Gray Paint	North Walls	270 ppm	10,000
(7333 PC-32)	4th Floor North Corridor Int. Plaster Ceiling: Beige Paint	N. Corridor	1,300 ppm	10,000
(7333 PC-33)	4th Floor South Int. Plaster Walls: Beige Paint	South Walls	2,400 ppm	10,000
(7333 PC-34)	4th Floor South Corridor Int. Plaster Ceilings: Beige Paint	South Corridor	200 ppm	10,000
(7333 PC-35)	4th Floor South Corridor Int. Concrete Ceilings: Beige/Green Paint	South Corridor	260 ppm	2,000
(7333 PC-36)	4th Floor North Metal Door Casings: Beige/Gray Paint	North	590 ppm	800
(7333 PC-37)	4th Floor Metal Pipe Chases, Doors & Casings: Beige/Green/Red Paint	Pipe Chases – South	42,000 ppm	800
(7333 PC-38)	4th Floor West Int. Metal Windows: Beige Paint	West Windows	800 ppm	9,000
Jail Building 3rd Floor				
(7333 PC-39)	3rd Floor SW Bathroom Int. Concrete Walls: Beige/Gray Paint	SW Bathroom	1,200 ppm	400
(7333 PC-40)	3rd Floor SE Int. Concrete Walls	SE	3,500 ppm	9,000
(7333 PC-41)	3rd Floor SE Int. Concrete Ceilings	SE	1,800 ppm	7,000
(7333 PC-42)	3rd Floor NW Area Metal Door Casings: Beige/Gray Paint	NW Area	2,500 ppm	800
(7333 PC-43)	3rd Floor East Metal Door Casings: Beige Paint	East	3,500 ppm	800

(7333 PC-44)	3rd Floor Metal Chase Doors and Casings: Green Paint	Chase Doors	10,000 ppm	800
(7333 PC-45)	3rd Floor West Center Metal Security Bars: Beige/Orange Paint	West Center	120,000 ppm	400
(7333 PC-46)	3rd Floor West Side Int. Metal Windows: Beige/Black Paint	West Side Windows	1,200 ppm	9,000
Jail Building 2nd Floor				
(7333 PC-47)	2nd Floor Elevator Lobby Int. Concrete Floors: Gray Paint	Elevator Lobby	220 ppm	500
(7333 PC-48)	2nd floor West Offices Int. Concrete Floors: Green Paint	West Offices	170 ppm	1,000
(7333 PC-49)	2nd Floor S. Int. Plaster Walls: Beige/Green Paint	S. Elevator Lobby	170 ppm	10,000
(7333 PC-50)	2nd Floor Int. Concrete Cell Walls: Beige Paint	Cell Walls	2,500 ppm	10,000
(7333 PC-51)	2nd Floor West Wing Int. Metal Cell Walls: Beige/Pink Paint	West Wing Cell Walls	360 ppm	3,000
(7333 PC-52)	2nd Floor S. Int. Concrete Walls: Beige/Green Paint	South Side	2,300 ppm	10,000
(7333 PC-53)	2nd Floor Int. Wood Door to RR's & Offices: Beige Paint	Interior Doors	1,800 ppm	200
(7333 PC-54)	2nd Floor Metal Doors from Corridor to Day Rooms: Beige Paint	Doors From Corridor	22,000 ppm	200
(7333 PC-55)	2nd Floor Metal Doors and Casings: Green/Orange Paint	Doors To Pipe Chases	100,000 ppm	200
(7333 PC-56)	2nd Floor West Middle Metal Security Bars: Blue Paint	West Middle Area	170,00 ppm	300
(7333 PC-57)	2nd Floor South side Metal Security Bars: Black Paint	South Side	12,000 ppm	600
(7333 PC-58)	2nd Floor East Side Day Room Metal Security Bars: Beige Paint	East Side at Day Room	15,000 ppm	600
(7333 PC-59)	2nd Floor Offices and Bathrooms Wood Casework: Gray/Beige Paint	Offices & Bathrooms	800 ppm	300
Jail Building 1st Floor				
(7333 PC-60)	1st Floor Receiving Room Int. Plaster Walls: Gray/Beige Paint	Receiving Room	1,200 ppm	500
(7333 PC-61)	1st Floor SW Office Int. Plaster Walls: Beige Paint	SW Office	5,300 ppm	500
(7333 PC-62)	1st Floor SW Rooms Int. Plaster Walls: Green Paint	SW Rooms	450 ppm	500
(7333 PC-63)	1st Floor SW Rooms Int. Plaster Walls: Beige Paint	SW Rooms	14,000 ppm	1,500
(7333 PC-64)	1st Floor West Side Storage Room Int. Plaster Walls: Green Paint	West Side Storage Room	9,900 ppm	100
(7333 PC-65)	1st Floor SE Area Int. Plaster Walls: Beige Paint	SE Area	<100 ppm	8,000
(7333 PC-66)	1st Floor E. Side Int. Concrete Walls: Blue/Beige Paint	East Side	1,100 ppm	3,000
(7333 PC-67)	1st Floor SE Area Int. Plaster Walls: Pink/Beige Paint	SE Area	4,500 ppm	3,000
(7333 PC-68)	1st Floor Book Keeping Room East Int. Plaster Walls: Beige/Green Paint	Bookkeeping Room East	<100 ppm	500
(7333 PC-69)	1st Floor SW Office Int. Plaster Walls: Tan/Beige Paint	SW Office	2,100 ppm	500
(7333 PC-70)	1st Floor SE Storage Room Int. Plaster Walls: Gray/Beige Paint	SE Storage Room	2,200 ppm	400

(7333 PC-71)	1st Floor S. Corridor Int. Plaster Walls: Blue/Green Paint	South Corridor	1,300 ppm	1,500
(7333 PC-72)	1st Floor Kitchen Int. Concrete Walls: Blue Paint	Kitchen By Walk-in Fridge	<100 ppm	1,500
(7333 PC-73)	1st Floor Kitchen at Entry Int. Plaster Walls: Blue Paint	Kitchen At Entrance	2,600 ppm	1,500
(7333 PC-74)	1st Floor by Evidence Room Int. Plaster Columns: Blue/Beige Paint	By Evidence Room	<100 ppm	200
(7333 PC-75)	1st Floor Center Corridor Int. Concrete Ceilings: Beige/Green Paint	Center Corridor	430 ppm	1,000
(7333 PC-76)	1st Floor Jail Area Corridor Int. Plaster Ceilings: Beige/Blue Paint	Jail Area Corridor	1,300 ppm	22,000
(7333 PC-77)	1st Floor SW Wood Door by Office 3 Int. Doors: Beige/Red Paint	SW Door By Office 3	2,400 ppm	100
(7333 PC-78)	1st Floor SE Office Int. Wood Door & Casings: Blue/Beige Paint	SE Office	210 ppm	100
(7333 PC-79)	1st Floor E. Side Int. Wood Doors & Casings: Blue/Beige Paint	East Side	<100 ppm	100
(7333 PC-80)	1st Floor Kitchen SW Int. Wood Doors & Casings: Green/Beige Paint	Kitchen SW	330 ppm	100
(7333 PC-81)	1st Floor SE Office Wood Casework: Yellow/Beige Paint	SE Office	1,100 ppm	100
(7333 PC-82)	1st Floor Corridor Metal Security Bars: Green/Red Paint	Center Corridor	17,000 ppm	500
(7333 PC-83)	1st Floor SE Metal Security Bars: White Paint	SE	3,400 ppm	300
(7333 PC-84)	1st Floor SE Office Int. Metal Windows: Beige Paint	SE Office	33,000 ppm	100
Jail Building Basement				
(7333 PC-85)	Basement Center Corridor Int. Concrete Walls: Beige Paint	Center Corridor	2,700 ppm	1,500
(7333 PC-86)	Basement South Corridor Int. Concrete Walls: Green Paint	South Corridor	960 ppm	1,500
(7333 PC-87)	Basement SE Perimeter Concrete Wall: Green Paint	SE Perimeter Wall	4,400 ppm	2,000
(7333 PC-88)	Basement Corridor Metal Ceiling Hatch-Electrical Panel: Beige Pant	Corridor Ceiling Hatch	1,200 ppm	30
(7333 PC-89)	Basement Metal Freight Elevator Door & Casings: Gray/Red Paint	Freight Elevator	53,000 ppm	60
(7333 PC-90)	Basement South Metal Fan/Generator Room: Gray Paint	South Fan Room	2,300 ppm	800
(7333 PC-91)	Basement Metal Fire Door To Fumigation RM: Brown Paint	Fire Door To Fumigation Room	6,400 ppm	50
(7333 PC-92)	Basement by Fumigation Room Int. Metal Door & Casings: Gray Paint	By Fumigation Room	16,000 ppm	50
(7333 PC-93)	Basement Fumigation Metal Room/Tanks: Black Paint	Fumigation Room	81,000 ppm	300
(7333 PC-94)	Basement Laundry Room Metal Washing machine: Black Paint	Laundry Room	8,200 ppm	1,000
(7333 PC-95)	Basement SE Metal Window Security Bars: Beige Paint	SE Window	120,000 ppm	500
(7333 PC-96)	Basement Kitchen Ceiling Metal Pipes: Black/Beige Paint	Kitchen Ceiling Pipes	3,000 ppm	1,500
Office Building				
(7333 PC-97)	Office Bldg. Ext. Concrete Walls: Beige/Pink Paint	Exterior Walls	1,100 ppm	12,000

(7333 PC-98)	Roof top Metal vents, Fan Cap: Mauve Paint	Roof Top Vents Fan Cap	<100 ppm	60
(7333 PC-99)	Office Bldg. Corridor Wood Lower Walls: Green Paint	Corridor Lower Walls	340 ppm	100
(7333 PC-100)	Office Bldg. Front Ready Room: Drywall White Paint	Front Ready Room South	<100 ppm	500
(7333 PC-101)	Office Bldg. Front Ready Room Concrete East: White/Green Paint	Front Ready Room East	400 ppm	200
(7333 PC-102)	Office Bldg. Concrete Corridor Walls: White Paint	Corridor Walls	<100 ppm	3,000
(7333 PC-103)	Office Bldg. Corridor West Plaster Walls: White Paint	Corridor West Wall	<100 ppm	1,000
(7333 PC-104)	Movie Sign Room Concrete Walls: White Paint	Movie Sign Room	<100 ppm	1,000
(7333 PC-105)	Office Bldg. Men's locker Room Concrete: White/Green Paint	Men's Locker Room	1,900 ppm	500
(7333 PC-106)	Office Bldg. Corridor Metal Door to No Stopping Signs Int. Doors: Green Paint	Door To No Stopping Sign Room	6,800 ppm	300
(7333 PC-107)	Office Bldg. Front Ready Room Int. Metal Doors & Casings: White Paint	Front Ready Room	3,200 ppm	100
Warehouse Building				
(7333 PC-108)	Warehouse Bldg. Metal Bollards: Yellow Paint	Bollards	69,000 ppm	500
(7333 PC-109)	Warehouse Bldg. Int. Drywall Walls: Beige Paint	West Wall	150 ppm	1,000

Note: Painted surfaces generally contain lead at various levels, which are lead containing and not considered lead based paint. It is advised that all work where painted surfaces are impacted is conducted in a manner to minimize the generation of dust and keep worker exposure below the permissible exposure level.

It is significant to note that the "positive" threshold for lead based paint (LBP) based on the HUD Guideline is 0.5 percent by weight or 5,000 parts per million (ppm). Care should be exercised in acknowledging that the DOSH lead standards contained in Title 8 CCR Sections 1532.1 (Construction Industry) and 5198 (General Industry) have no such thresholds and are concerned with exposures generated by disturbance of materials that contain any detectable lead, which may include materials containing less than 0.5 percent by weight.

8.3 UNIVERSAL WASTE MATERIALS

In addition to the visual assessment to identify universal waste materials, CSC collected forty five (45) bulk samples of potential PCB-containing materials and six (6) wipe samples of potential PCB-containing oils. The analytical results of the PCB sampling and the conclusions from the visual assessment are presented in tables 3 and 4:

Table 3: PCB Analytical Results – (Bulk)

Sample ID	Sample Location			Primary Material Sampled	Sampled Material Description	Sample Date	Total PCBs EPA Method 8082 TSCA Threshold 50 ppm	
	Interior/ Exterior	**Building Floor or Area**	**Feature**				**Result (ppm)**	**Arochlor(s) Detected**
PAINT-01	Exterior	South wall outside kitchen	Concrete wall	Paint	Beige/green paint	8/29/2018	<0.45	--
PAINT-02	Exterior	Basement	Metal door	Paint	Gray paint	8/29/2018	<2.7	--
PAINT-03	Exterior	Front entry	Concrete wall	Paint	Gray paint	8/29/2018	<0.41	--
PAINT-04	Exterior	Middle entry	Metal door	Paint	Beige paint	8/29/2018	<0.38	--
PAINT-05	Exterior	Rear addition	Concrete wall	Paint	Beige paint	8/29/2018	<2.4	--
PUTTY-01	Exterior	Rear addition window	Window frame	Putty	Gray putty	8/29/2018	<1.7	--
CAULK-01	Exterior	Rear addition window and wall	Wall seam	Caulk	Gray caulk	8/29/2018	<2.0	--
COATING-01	Exterior	Porch floor	Floor coating	Coating	Red coating	8/29/2018	<2.9	--
CAULK-02	Exterior	West window and wall, original building	Wall seam	Caulk	Gray caulk	8/29/2018	**0.099 J p**	Arochlor - 1254
PAINT-06	Exterior	Roof parapet/wall, original building	Concrete wall	Paint	Black paint	8/29/2018	<0.45	--

Sample ID	Sample Location			Primary Material Sampled	Sampled Material Description	Sample Date	Total PCBs EPA Method 8082 TSCA Threshold 50 ppm	
	Interior/ Exterior	**Building Floor or Area**	**Feature**				**Result (ppm)**	**Arochlor(s) Detected**
PAINT-07	Exterior	Roof addition, North, stairwell, NW wall	Concrete wall	Paint	Beige paint	8/29/2018	<0.28	--
PAINT-08	Exterior	Roof, central, stairwell, E wall	Roof	Paint	Silver paint	8/29/2018	<0.48	--
TRANSF-01	Exterior	Roof, mechanical/elevator room	Transite board w/ transformers	Paper	Black/tan paper	8/29/2018	**15**	Arochlor - 1268
WIRE-01	Exterior	Roof, mechanical room	Electrical panel	Wiring	Black cloth insulation	8/29/2018	**2.1 J**	Arochlor - 1254
MASTIC-01	Interior	5th floor, ring wall	Mirror on plaster	Mastic	Black mastic	8/29/2018	<0.48	--
VARNISH-01	Interior	5th floor, floor adjacent to ring	Wood floor	Varnish	Tan/brown varnish	8/29/2018	<14	--
PAINT-09	Interior	5th floor, E side	Wall	Paint	Beige paint	8/29/2018	**1.9**	Arochlor - 1254
PAINT-10	Interior	5th floor, E side cell door	Metal door	Paint	Beige paint	8/29/2018	<0.36	--
PAINT-11	Interior	5th floor, elevator lobby	Original wall	Paint	Beige paint	8/29/2018	<5.6	--
PUTTY-02	Interior	5th floor, S window	Window frame	Putty	Beige/gray putty	8/29/2018	<3.5	--

Sample ID	Sample Location			Primary Material Sampled	Sampled Material Description	Sample Date	Total PCBs EPA Method 8082 TSCA Threshold 50 ppm	
	Interior/ Exterior	**Building Floor or Area**	**Feature**				**Result (ppm)**	**Arochlor(s) Detected**
PAINT-12	Interior	4th floor, original wall	Wall	Paint	Brown paint	8/29/2018	<9.1	--
PAINT-13	Interior	4th floor, original ceiling	Ceiling	Paint	Beige paint	8/29/2018	<2.8	--
PAINT-14	Interior	4th floor, addition ceiling	Ceiling	Paint	Beige paint	8/29/2018	**0.92 p**	Arochlor - 1254
PAINT-15	Interior	4th floor, addition wall	Wall	Paint	Beige paint	8/29/2018	<2.3	--
WIRE-02	Interior	4th floor, corridor, NW wall	Electrical panel	Wiring	Black insulation	8/29/2018	<1.9	--
PAINT-16	Interior	3rd floor, SW, original elevator lobby	Metal door	Paint	Beige paint	8/29/2018	<4.3	--
PAINT-17	Interior	3rd floor, ceiling	Concrete ceiling	Paint	Beige/green paint	8/29/2018	<2.0	--
PAINT-18	Interior	3rd floor, window	Window frame	Paint	Beige paint	8/29/2018	<4.6	--
PAINT-19	Interior	3rd floor, jail cell addition	Metal bars	Paint	Beige paint	8/29/2018	**0.49 p**	Arochlor - 1260
PAINT-20	Interior	3rd floor, jail cell addition	Support column	Paint	Beige paint	8/29/2018	**3.1 p**	Arochlor - 1260

Sample ID	Sample Location			Primary Material Sampled	Sampled Material Description	Sample Date	Total PCBs EPA Method 8082 TSCA Threshold 50 ppm	
	Interior/ Exterior	**Building Floor or Area**	**Feature**				**Result (ppm)**	**Arochlor(s) Detected**
PAINT-21	Interior	2nd floor, jail barred door	Metal door	Paint	Black/blue paint	8/29/2018	**0.59 p**	Arochlor - 1254
COATING-02	Interior	2nd floor, floor	Floor coating	Coating	Black coating	8/29/2018	**0.43 J p**	Arochlor - 1254
PAINT-22	Interior	2nd floor, corridor, jail door bars	Metal bars	Paint	Blue paint	8/29/2018	<1.9	--
PAINT-23	Interior	1st/2nd floor stairwell	Wall	Paint	Beige paint	8/29/2018	<4.4	--
MASTIC-02	Interior	1st floor, elevator room	Ceiling	Mastic	Brown mastic	8/29/2018	<0.25	--
CORK-01	Interior	1st floor, kitchen	Ceiling	Cork	Brown cork	8/29/2018	<0.44	--
MASTIC-03	Interior	1st floor, entrance lobby	Ceiling	Mastic	Brown mastic	8/29/2018	<0.42	--
PAINT-24	Interior	1st floor, S office	Cabinet door	Paint	Beige paint	8/29/2018	<4.9	--
PUTTY-03	Interior	1st floor, S office window	Window frame	Putty	Beige/gray putty	8/29/2018	<0.94	--
PAINT-25	Interior	S basement entrance	Wall	Paint	Gray paint	8/29/2018	**13**	Arochlor - 1254

Sample ID	Sample Location			Primary Material Sampled	Sampled Material Description	Sample Date	Total PCBs EPA Method 8082 TSCA Threshold 50 ppm	
	Interior/ Exterior	**Building Floor or Area**	**Feature**				**Result (ppm)**	**Arochlor(s) Detected**
CORK-02	Interior	Basement, N generator room	Pipe elbow	Cork	Brown	8/29/2018	<2.3	--
RUBBER GASKET-01	Interior	Basement kitchen, SE	Refrigerator gasket	Rubber	Black rubber	8/29/2018	<1.5	--
RUBBER GASKET-02	Interior	Basement kitchen, S	Refrigerator gasket	Rubber	Black rubber	8/29/2018	<1.9	--
WIRE-03	Interior	Basement electrical room	Low voltage wire	Wiring	Black wire wrap	8/29/2018	<21	--
CORK-03	Interior	Basement	Ceiling	Cork	Brown	8/29/2018	<0.43	--

Notes:
All samples analyzed for Arochlors 1016, 1221, 1232, 1242, 1248, 1254, and 1260.
Detected results are shown in **bold**.
No detected concentration exceeds the TSCA threshold of 50 ppm for bulk material samples (40 CFR 761).
< = Not detected at reporting limit shown
J = Analyte detected; reported at estimated concentration between reporting limit and method detection limit.
p = The relative percent difference between primary and confirmation column/detector is greater than 40%. Lower value reported.
PCBs = Polychlorinated biphenyls
ppm = parts per million
TSCA = Toxic Substances Control Act

Table 4: PCB Analytical Results – (Wipe)

Sample ID	Sample Location			Primary Surface Sampled	Sampled Material Description	Sample Date	Total PCBs EPA Method 8082 EPA Action Level 10 µg/cm^2	
	Interior/ Exterior	Building Floor or Area	Feature				Result (µg/100 cm$^{2)}$	Arochlor(s) Detected
PCBW001	Interior	Basement SE	Fluorescent light fixture	Painted Metal	Brown Stain	10/2/2018	**36**	Arochlor 1260
PCBW002	Interior	First floor	Fluorescent light fixture	Painted Metal	Brown Stain	8/29/2018	**14**	Arochlor 1254
PCBW003	Interior	Second floor	Fluorescent light fixture	Painted Metal	Brown Stain	8/29/2018	**1300**	Arochlor 1260
PCBW004	Interior	Third floor	Fluorescent light fixture	Painted Metal	Brown Stain	8/29/2018	**10**	Arochlor 1260
PCBW005	Interior	Fourth floor	Fluorescent light fixture	Painted Metal	Brown Stain	8/29/2018	**1400**	Arochlor 1260
PCBW006	Interior	Fifth floor	Fluorescent light fixture	Painted Metal	Brown Stain	8/29/2018	**13**	Arochlor 1260

Notes:
All samples analyzed for Arochlors 1016, 1221, 1232, 1242, 1248, 1254, and 1260.
Detected results are shown in **bold**.
All detected concentrations equal or exceed the EPA Action level of 10 ug/100 cm^2 (40CFR 761.61(a)(4)(ii))
p = The relative percent difference between primary and confirmation column/detector is greater than 40%. Lower value reported.
PCBs = Polychlorinated biphenyls

Table 5: Universal Waste Results (Visual)

UWM Component	Locations	Number of Components/Quantity
Jail Building – Exterior and Roof		
PCB	Pole mounted PCB transformers on the east exterior of the jail building	3
CFC	Rooftop HVAC units on the South low roof	4
Biohazard: Pigeon Droppings and dead pigeons	Rooftop stairwells, fan room and mechanical rooms	2,000 Ft^2
Jail Building – Fifth Floor		
Mercury (Light tubes)	Fluorescent light fixtures in the corridor and north rooms	120
Mercury (Monitors)	Old TV and computer monitors in the offices	4
CFC	Drinking fountains in the north corridor	2
Biohazard: Pigeon Droppings and dead pigeons	Pigeon droppings and dead pigeons throughout the fifth floor and stairwells	36,600
Jail Building – Fourth Floor		
Mercury (Light tubes)	Fluorescent light fixtures in the corridor and open rooms	120
Biohazard: Pigeon Droppings and dead pigeons	Pigeon droppings and dead pigeons throughout the fourth floor and stairwells	36,600
Jail Building – Third Floor		
Mercury (Light tubes)	Fluorescent light fixtures in the corridor and south offices	120
Biohazard: Pigeon Droppings and dead pigeons	Pigeon droppings and dead pigeons throughout the third floor and stairwells	36,600
Jail Building – Second Floor		
Mercury (Light tubes)	Fluorescent light fixtures in the corridor and south offices	120
CFC	Drinking fountains at the north corridor	2
Biohazard: Pigeon Droppings and dead pigeons	Pigeon droppings and dead pigeons throughout the second floor and stairwells	36,600

UWM Component	Locations	Number of Components/Quantity
Jail Building – First Floor		
Mercury (Light tubes)	Fluorescent light fixtures in the corridor, courtrooms and all offices	600
CFC	Refrigerators and freezers in the kitchen area	4
Jail Building – Basement		
Mercury (Light tubes)	Fluorescent light fixtures in the south room and corridor	50
Mercury (Television)	Old TV in the kitchen and in the north storage rooms	2
CFC	Refrigerators freezers in the kitchen area , HVAC compressors in the fan rooms	12
Paints	5 gallon paint buckets in the north rooms	40
Biohazard	Basement east storage room and kitchen: old expired meals ready to eat (MRE)	500
Office Building		
Mercury (Light tubes)	Fluorescent light fixtures throughout the office building	472
CFC	Rooftop HVAC units	4
Warehouse Building		
Mercury (Light tubes)	Fluorescent light fixtures throughout the warehouse building	56

9.0 CONCLUSIONS AND RECOMMENDATIONS

In summary, the interior of the jail building is considered a contaminated site. The debris inside of the building is considered contaminated with asbestos and lead. In addition, ACM, LBP, LCM, and PCB-containing ballasts (wipe samples are positive) are present. Finally biological waste, fowl and human, can be seen on every floor.

The presence of the hazardous waste must be addressed in a detailed site work plan to eliminate the hazard prior to starting any gross removal of hazardous materials that remains intact at this time. No one should enter the building without proper PPE, at a minimum level C. It may be also prudent to seal off all opened windows and doors of the jail building to prevent the spread of asbestos fibers and lead to adjoining properties.

9.1 ASBESTOS

Asbestos-containing materials and debris are present at the site that will be impacted during the proposed Demolition and Renovation Project of the site. Since ACM debris and asbestos-containing materials are present, actions should be taken to prevent exposure to asbestos fibers and to contain the asbestos contamination to the interior of the jail building. The following recommendations should be followed for renovation projects including contracting the services of an environmental consultant to monitor/document that the contractor activities comply with OSHA, Cal-OSHA, US-EPA NESHAP, SCAQMD, and applicable city and county requirements:

1) A DOSH-licensed asbestos contractor shall perform a full decontamination of the interior of the Jail Building following an approved SCAQMD Procedure 5 work plan. This will include the removal of all ACM debris, asbestos contaminated surfaces, materials, contents, equipment, etc. including asbestos contaminated bird droppings. All wall cavities, utility chases and ceilings spaces are contaminated with asbestos debris and asbestos-containing materials.

2) A DOSH-licensed asbestos contractor shall remove all impacted ACM's from the jail building. All asbestos-containing materials shall be removed from the office building prior to initiating the demolition activities.

3) The general contractor, subcontractors, and employees working on-site should be made aware of the locations of the ACM identified in this report and the possibility of concealed suspect ACM's that could be found during modification activities. They should be advised to not disturb the identified ACM.

9.2 LEAD BASED PAINT AND LEAD CONTAINING CONSTRUCTION MATERIALS

Lead-based paints, lead paint debris and lead-containing materials are present throughout the interior and exterior of the jail building that will be impacted during the Demolition and Renovation Project of the site. Since lead paint debris is present, all cleanup, stabilization and remediation work impacting the paint shall be performed in accordance with Title 8, California Code of Regulations, Section 1532.1 and 29 CFR 1926.62. In addition, all activities involving identified lead-based paints must be conducted in accordance with Title 17, California Code of Regulations, Division 1, Chapter 8, Sections 35001 through 36100, which proscribes the use of DHS-certified workers, work practices, and other requirements.

9.3 UNIVERSAL WASTE MATERIALS

Universal Waste Materials should be properly handled, collected, stored, transported and recycled or disposed of by an approved recycling or disposal facility in accordance with the requirements of Title 22 of the California Code of Regulations, Section 67426.1 (22 CCR 67426.1).

The biological waste will be disposed of as asbestos-containing (contaminated) waste; however precautions shall be taken to prevent respiratory exposure to the dust created during the cleanup of the biological waste.

Clark Seif Clark, Inc. prepared this Hazardous Materials Survey Report under contract with the Weston Solutions, Inc. No warranties expressed or implied, are made by Clark Seif Clark, Inc. or its employees as to the use of any information, apparatus, product or process disclosed in this report. Though reasonable efforts have been made to assure correctness, if a Contractor is employed he should bring any discrepancies to the immediate attention of Clark Seif Clark, Inc.

We have employed state-of-the-art practices to perform this analysis of risk and identification, but this evaluation is limited in scope to areas accessible to a visual inspection or through reasonable means of the areas evaluated. No demolition or product review was performed in attempts to reveal material compositions. Our services consist of professional opinions and recommendations made in accordance with generally accepted engineering principles and practices and are designed to provide an analytical tool to assist the client. Clark Seif Clark or those representing Clark Seif Clark bear no responsibility for the actual condition of the structure or safety of a site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the client.

Clark Seif Clark appreciated having the opportunity to inspect your property. If you have any questions regarding this survey or other environmental hazards, please don't hesitate to contact us at (818) 727-2553 or (800) 807-1118.

Respectfully submitted,

Christian Goerrissen, CAC, CDPH IA/PM
Certified Asbestos Consultant (CAC)
Cal/OSHA – CAC No. 00-2840
Lead Inspector/Assessor - CDPH No. 13462
Clark Seif Clark, Inc.

Reviewed by,

Robert Clark, CAC, CDPH I/A
Project Principal
Clark Seif Clark, Inc.

APPENDIX A

LABORATORY ASBESTOS BULK SAMPLE RESULTS

`

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Attention: Robert Clark
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 402-7051
Fax: (818) 727-2556
Received Date: 09/07/2018 2:55 PM
Analysis Date: 09/13/2018 - 09/14/2018
Collected Date: 08/23/2018

Project: 1027333.02- Lincoln Heights Jail Site-401 North Avenue 19, Los Angeles, CA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-1-Capsheet 1 *321820869-0001*	Ground Level Platform Roof NW At Wall - Roof Core Gray Capsheet	White/Black Non-Fibrous Heterogeneous	3% Cellulose 8% Glass	89% Non-fibrous (Other)	None Detected
7333B-1-Capsheet 2 *321820869-0001A*	Ground Level Platform Roof NW At Wall - Roof Core Gray Capsheet	Black Non-Fibrous Heterogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
7333B-1-Felt *321820869-0001B*	Ground Level Platform Roof NW At Wall - Roof Core Gray Capsheet	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-2-Capsheet 1 *321820869-0002*	Ground Level Platform Roof NW - Over Rock/ Tar	White/Black Non-Fibrous Heterogeneous	8% Cellulose 5% Glass	87% Non-fibrous (Other)	None Detected
7333B-2-Capsheet 2 *321820869-0002A*	Ground Level Platform Roof NW - Over Rock/ Tar	Black Non-Fibrous Heterogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
7333B-2-Felt *321820869-0002B*	Ground Level Platform Roof NW - Over Rock/ Tar	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-3-Capsheet 1 *321820869-0003*	Canopy Over NW Loading Dock - Over Rock/ Tar	White/Black Non-Fibrous Heterogeneous	5% Cellulose 8% Glass	87% Non-fibrous (Other)	None Detected
7333B-3-Roofing *321820869-0003A*	Canopy Over NW Loading Dock - Over Rock/ Tar	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	85% Non-fibrous (Other)	None Detected
7333B-3-Capsheet 2 *321820869-0003B*	Canopy Over NW Loading Dock - Over Rock/ Tar	Black Non-Fibrous Heterogeneous	5% Cellulose 8% Glass	87% Non-fibrous (Other)	None Detected
7333B-3-Thick Felt *321820869-0003C*	Canopy Over NW Loading Dock - Over Rock/ Tar	Black Non-Fibrous Homogeneous	12% Cellulose	88% Non-fibrous (Other)	None Detected
7333B-4-Capsheet *321820869-0004*	Canopy Over East Courthouse Entrance - Over Rock/ Tar	White/Red Non-Fibrous Heterogeneous	10% Cellulose 3% Glass	87% Non-fibrous (Other)	None Detected
7333B-4-Roofing *321820869-0004A*	Canopy Over East Courthouse Entrance - Over Rock/ Tar	Black Non-Fibrous Homogeneous	10% Cellulose 8% Synthetic	82% Non-fibrous (Other)	None Detected
7333B-5-Capsheet 1 *321820869-0005*	West Roof At 2nd Floor Over Kitchen - Over Rock/ Tar	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-5-Felt 1 *321820869-0005A*	West Roof At 2nd Floor Over Kitchen - Over Rock/ Tar	Black Fibrous Homogeneous	12% Glass	88% Non-fibrous (Other)	None Detected
7333B-5-Capsheet 2 *321820869-0005B*	West Roof At 2nd Floor Over Kitchen - Over Rock/ Tar	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-5-Felt 2 *321820869-0005C*	West Roof At 2nd Floor Over Kitchen - Over Rock/ Tar	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
7333B-5-Tar *321820869-0005D*	West Roof At 2nd Floor Over Kitchen - Over Rock/ Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-5-Roofing *321820869-0005E*	West Roof At 2nd Floor Over Kitchen - Over Rock/ Tar	Various/Black Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-6-Silver Paint *321820869-0006*	North Roof Field Center - Over Rock/ Tar	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-6-Capsheet *321820869-0006A*	North Roof Field Center - Over Rock/ Tar	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-6-Tar *321820869-0006B*	North Roof Field Center - Over Rock/ Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-7-Capsheet *321820869-0007*	North Roof Field West - Roof Core Gray Capsheet w/ Brown Insulation	White/Black/Silver Non-Fibrous Heterogeneous	5% Cellulose 10% Glass	85% Non-fibrous (Other)	None Detected
7333B-7-Insulation *321820869-0007A*	North Roof Field West - Roof Core Gray Capsheet w/ Brown Insulation	Brown Fibrous Homogeneous	60% Cellulose	20% Perlite 20% Non-fibrous (Other)	None Detected
7333B-8-Capsheet *321820869-0008*	Center - Roof Core Gray Capsheet w/ Brown Insulation	Black/Silver Non-Fibrous Heterogeneous	5% Cellulose 10% Glass	85% Non-fibrous (Other)	None Detected
7333B-8-Insulation *321820869-0008A*	Center - Roof Core Gray Capsheet w/ Brown Insulation	Brown Fibrous Homogeneous	60% Cellulose	20% Perlite 20% Non-fibrous (Other)	None Detected
7333B-9-Silver Paint *321820869-0009*	South West - Roof Core Gray Capsheet w/ Brown Insulation	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-9-Capsheet *321820869-0009A*	South West - Roof Core Gray Capsheet w/ Brown Insulation	Gray/Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-9-Tar *321820869-0009B*	South West - Roof Core Gray Capsheet w/ Brown Insulation	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-9-Insulation *321820869-0009C*	South West - Roof Core Gray Capsheet w/ Brown Insulation	Brown Fibrous Homogeneous	50% Cellulose	30% Perlite 20% Non-fibrous (Other)	None Detected
7333B-9-Adhesive Like *321820869-0009D*	South West - Roof Core Gray Capsheet w/ Brown Insulation	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-10-Capsheet *321820869-0010*	Walkway East Of Fan Roof - Roof Core Gray Capsheet Over Felt	Gray Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
7333B-10-Roofing *321820869-0010A*	Walkway East Of Fan Roof - Roof Core Gray Capsheet Over Felt	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-10-Felt *321820869-0010B*	Walkway East Of Fan Roof - Roof Core Gray Capsheet Over Felt	Black Non-Fibrous Homogeneous	20% Cellulose	75% Non-fibrous (Other)	5% Chrysotile
7333B-11-Silver Paint *321820869-0011*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-11-Roofing 1 *321820869-0011A*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-11-Roofing 2 *321820869-0011B*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-11-Roofing 3 *321820869-0011C*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-11-Roofing 4 *321820869-0011D*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
7333B-11-Roofing 5 *321820869-0011E*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
7333B-11-Roofing 6 *321820869-0011F*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
7333B-11-Roofing 7 *321820869-0011G*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
7333B-11-Mastic *321820869-0011H*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-11-Tar *321820869-0011I*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-11-Felt *321820869-0011J*	South East Roof Field Center - Roof Core Gray Capsheet Over Felt	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
7333B-12 *321820869-0012*	Elevator Penthouse Roof - Roof Core Gray Capsheet Over Felt	Black/Silver Non-Fibrous Heterogeneous	10% Cellulose 5% Glass	85% Non-fibrous (Other)	None Detected
7333B-13-Capsheet *321820869-0013*	West Roof Field Center - Roof Core Gray Capsheet w/ Silver Coating	White/Black Non-Fibrous Heterogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-13-Felt/Tar *321820869-0013A*	West Roof Field Center - Roof Core Gray Capsheet w/ Silver Coating	Black Non-Fibrous Homogeneous	20% Cellulose	75% Non-fibrous (Other)	5% Chrysotile
7333B-14-Capsheet *321820869-0014*	West Penthouse Center - Over Rock/ Tar	Gray/Black Non-Fibrous Heterogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
7333B-14-Felt/Tar *321820869-0014A*	West Penthouse Center - Over Rock/ Tar	Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333B-15-Capsheet *321820869-0015*	Elevator Roof S Of Fan Room Center - Roof Core Gray Capsheet Over Rock/ Tar	Black/Silver Non-Fibrous Heterogeneous	8% Cellulose 5% Glass	87% Non-fibrous (Other)	None Detected
7333B-15-Tar *321820869-0015A*	Elevator Roof S Of Fan Room Center - Roof Core Gray Capsheet Over Rock/ Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-16-Silver Paint *321820869-0016*	Fan Room Roof Center - Roof Core Gray Capsheet Over Rock/ Tar	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-16-Capsheet *321820869-0016A*	Fan Room Roof Center - Roof Core Gray Capsheet Over Rock/ Tar	Black Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-16-Tar *321820869-0016B*	Fan Room Roof Center - Roof Core Gray Capsheet Over Rock/ Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-16-Felt *321820869-0016C*	Fan Room Roof Center - Roof Core Gray Capsheet Over Rock/ Tar	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
7333B-17-Capsheet *321820869-0017*	Freight Elevator Penthouse Roof - Roof Core Gray Capsheet Over Rock/ Tar	Gray/Black/Silver Fibrous Heterogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
7333B-17-Tar *321820869-0017A*	Freight Elevator Penthouse Roof - Roof Core Gray Capsheet Over Rock/ Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-18 *321820869-0018*	Ground Level Platform Roof NW - Gray/ Black Roof Mastic	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-19 *321820869-0019*	At Fence Post - Gray/ Black Roof Mastic	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-20 *321820869-0020*	At Curb Sean - Gray/ Black Roof Mastic	Gray/Black/Silver Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-21 *321820869-0021*	West Canopy Over loading Dock SE Corner - Gray/ Black Roof Mastic	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-22 *321820869-0022*	East Canopy Flashing - Gray/ Black Roof Mastic	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-23 *321820869-0023*	West Roof At 2nd Floor Flashing - Gray/ Black Roof Mastic	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-24 *321820869-0024*	Pipe Penetration - Gray/ Black Roof Mastic	Gray/Black/Silver Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-25 *321820869-0025*	Kick Sheet - Gray/ Black Roof Mastic	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-26-Texture Paint/Stucco 1 *321820869-0026* *Unable to separate*	West Penthouse Enterior Walls - Stucco Texture On Concrete	Gray/Red/Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-26-Texture Paint/Stucco 2 *321820869-0026A* *Unable to separate*	West Penthouse Enterior Walls - Stucco Texture On Concrete	Gray/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-27-Texture Paint/Stucco *321820869-0027* *Unable to separate*	West Penthouse Enterior Walls - Stucco Texture On Concrete	Gray/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-28-Texture Paint/Stucco *321820869-0028* *Unable to separate.*	West Penthouse Enterior Walls - Stucco Texture On Concrete	Gray/Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-29 *321820869-0029*	North Bldg Exterior Wall- North - 2'x2' Wall Tiles	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-30 *321820869-0030*	East - 2'x2' Wall Tiles	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-31 *321820869-0031*	West - 2'x2' Wall Tiles	White/Various/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-32 *321820869-0032*	North Wing Exterior Windows - Window Frame Sean Caulk	Gray/White Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
7333B-33 *321820869-0033*	North Wing Exterior Windows - Window Frame Sean Caulk	Gray/White Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
7333B-34 *321820869-0034*	North Wing Exterior Windows - Window Frame Sean Caulk	Gray Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
7333B-35 *321820869-0035*	West Canopy Over Loading Dock - Sean Caulk	Gray/White Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-36 *321820869-0036*	South Bldg Exterior Window - Window Frame Sean Caulk	Gray Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-37 *321820869-0037*	South Bldg Exterior Window - Window Frame Sean Caulk	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-38 *321820869-0038*	South Bldg Exterior Window - Window Frame Sean Caulk	Gray Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-39-VFT *321820869-0039*	5th Floor South At WL-3 - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-39-Mastic *321820869-0039A*	5th Floor South At WL-3 - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-40-VFT *321820869-0040*	5th Floor South At WL-3 - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-40-Mastic *321820869-0040A*	5th Floor South At WL-3 - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-41-VFT *321820869-0041*	5th Floor South At WL-3 - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-41-Mastic *321820869-0041A*	5th Floor South At WL-3 - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-42-VFT *321820869-0042*	5th Floor NW Office At F6 & F7 - Tan 9x9 VFT W/ Black Mastic	Tan Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
7333B-42-Mastic *321820869-0042A*	5th Floor NW Office At F6 & F7 - Tan 9x9 VFT W/ Black Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-43-VFT *321820869-0043*	5th Floor NW Office At (F6&7) - Tan 9x9 VFT W/ Black Mastic	Tan Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
7333B-43-Mastic *321820869-0043A*	5th Floor NW Office At (F6&7) - Tan 9x9 VFT W/ Black Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-44-VFT *321820869-0044*	5th Floor NW Office At (F6&7) - Tan 9x9 VFT W/ Black Mastic	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-44-Mastic *321820869-0044A*	5th Floor NW Office At (F6&7) - Tan 9x9 VFT W/ Black Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-45-VFT *321820869-0045*	5th Floor Bathroom - White 12x12 VFT W/ Yellow Glue	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-45-Glue *321820869-0045A*	5th Floor Bathroom - White 12x12 VFT W/ Yellow Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-46-VFT *321820869-0046*	5th Floor Bathroom - White 12x12 VFT W/ Yellow Glue	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-46-Glue *321820869-0046A*	5th Floor Bathroom - White 12x12 VFT W/ Yellow Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-47-VFT *321820869-0047*	5th Floor Bathroom - White 12x12 VFT W/ Yellow Glue	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-47-Glue *321820869-0047A*	5th Floor Bathroom - White 12x12 VFT W/ Yellow Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-48-VFT *321820869-0048*	5th Floor NE Corner Room At (A1) - Brown 9x9 VFT W Balck Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-48-Mastic *321820869-0048A*	5th Floor NE Corner Room At (A1) - Brown 9x9 VFT W Balck Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-49-VFT *321820869-0049*	5th Floor NE Corner Room At (A1) - Brown 9x9 VFT W Balck Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-49-Mastic *321820869-0049A*	5th Floor NE Corner Room At (A1) - Brown 9x9 VFT W Balck Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-50-VFT *321820869-0050*	5th Floor NE Corner Room At (A1) - Brown 9x9 VFT W Balck Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-50-Mastic *321820869-0050A*	5th Floor NE Corner Room At (A1) - Brown 9x9 VFT W Balck Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-51-VFT *321820869-0051*	5th Floor NE Hall At (B2) - Beige 12x12 VFT W/ Yellow Black Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-51-Mastic *321820869-0051A*	5th Floor NE Hall At (B2) - Beige 12x12 VFT W/ Yellow Black Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-52-VFT *321820869-0052*	5th Floor NE Hall At (B2) - Beige 12x12 VFT W/ Yellow Black Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-52-Mastic *321820869-0052A*	5th Floor NE Hall At (B2) - Beige 12x12 VFT W/ Yellow Black Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-53-VFT *321820869-0053*	5th Floor NE Hall At (B2) - Beige 12x12 VFT W/ Yellow Black Mastic	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-53-Mastic *321820869-0053A*	5th Floor NE Hall At (B2) - Beige 12x12 VFT W/ Yellow Black Mastic	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-54-VFT *321820869-0054*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-54-Mastic *321820869-0054A*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-54-Leveling Compound *321820869-0054B*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-55-VFT *321820869-0055*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-55-Mastic *321820869-0055A*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-55-Leveling Compound *321820869-0055B*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-56-VFT *321820869-0056*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-56-Mastic *321820869-0056A*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-56-Leveling Compound *321820869-0056B*	3rd Floor East - Green 9x9 VFT W/ Black Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-57-VFT *321820869-0057*	3rd Floor NW - 9x9 VFT With Black Mastic Brown	Brown Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-57-Mastic *321820869-0057A*	3rd Floor NW - 9x9 VFT With Black Mastic Brown	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-58-VFT *321820869-0058*	3rd Floor NW - 9x9 VFT With Black Mastic Brown	Brown Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-58-Mastic *321820869-0058A*	3rd Floor NW - 9x9 VFT With Black Mastic Brown	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-59-VFT *321820869-0059*	3rd Floor NW - Brown 9x9 VFT With Black Mastic Brown	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-59-Mastic *321820869-0059A*	3rd Floor NW - Brown 9x9 VFT With Black Mastic Brown	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-59-Paint *321820869-0059B*	3rd Floor NW - Brown 9x9 VFT With Black Mastic Brown	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-60-VFT *321820869-0060*	2nd Floor NW - Red 9x9 VFT With Black Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-60-Mastic *321820869-0060A*	2nd Floor NW - Red 9x9 VFT With Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-61-VFT *321820869-0061*	2nd Floor NW - Red 9x9 VFT With Black Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-61-Mastic *321820869-0061A*	2nd Floor NW - Red 9x9 VFT With Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-62-VFT *321820869-0062*	2nd Floor NW - Red 9x9 VFT With Black Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-62-Mastic *321820869-0062A*	2nd Floor NW - Red 9x9 VFT With Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-63-VSF *321820869-0063*	2nd Floor S Bathroom On Cabinets - Gray Pink Black VSF Shelf	Gray/Black/Green Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333B-63-Mastic *321820869-0063A*	2nd Floor S Bathroom On Cabinets - Gray Pink Black VSF Shelf	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-64-Vinyl/Paint *321820869-0064* *No VSF present for analysis*	2nd Floor S Bathroom On Cabinets - Gray Pink Black VSF Shelf	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-65-VSF *321820869-0065*	2nd Floor S Bathroom On Cabinets - Gray Pink Black VSF Shelf	Gray/Black/Green Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
7333B-65-Mastic *321820869-0065A*	2nd Floor S Bathroom On Cabinets - Gray Pink Black VSF Shelf	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-66-VFT *321820869-0066*	1st Floor South Area General Office (W1-10) - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-66-Mastic *321820869-0066A*	1st Floor South Area General Office (W1-10) - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-67-VFT *321820869-0067*	Booking Room (W2-32) - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-67-Mastic 1 Top *321820869-0067A*	Booking Room (W2-32) - Green 9x9 VFT W/ Black Mastic	Gray/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-67-Mastic 2 Bottom *321820869-0067B*	Booking Room (W2-32) - Green 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-68-VFT *321820869-0068*	S Corridor - Green 9x9 VFT W/ Black Mastic	Green Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-68-Mastic *321820869-0068A*	S Corridor - Green 9x9 VFT W/ Black Mastic	Yellow Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-69 *321820869-0069*	1st Floor Visitors Room (T1-10) - Black Floor Tile Mastic	Black Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
7333B-70 *321820869-0070*	Public Lobby (VH2) - Black Floor Tile Mastic	Black Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-71 *321820869-0071*	1st Floor Public (W-11o) Lobby General Office - Black Foor Tile Mastic	Black Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
7333B-72 *321820869-0072*	1st Floor SE Corridor At Entry - Black Foor Tile Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-73 *321820869-0073*	1st Floor SE Corridor At Entry - Black Foor Tile Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-74 *321820869-0074*	1st Floor SE Corridor At Entry - Black Foor Tile Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
7333B-75-VFT *321820869-0075*	1st Floor Office Restroom - Red 9x9 VFT with Black Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-75-Mastic *321820869-0075A*	1st Floor Office Restroom - Red 9x9 VFT with Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-76-VFT *321820869-0076*	1st Floor Office Restroom - Red 9x9 VFT with Black Mastic	Red Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-76-Mastic *321820869-0076A*	1st Floor Office Restroom - Red 9x9 VFT with Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-77-VFT *321820869-0077*	1st Floor Office Restroom - Red 9x9 VFT with Black Mastic	Red Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-77-Mastic *321820869-0077A*	1st Floor Office Restroom - Red 9x9 VFT with Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-78-VFT *321820869-0078*	1st Floor SW Entry By Loading Dock (v-12) - Brown 3x3 VFT W/ Black Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-78-Mastic *321820869-0078A*	1st Floor SW Entry By Loading Dock (v-12) - Brown 3x3 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-79-VFT *321820869-0079*	1st Floor SW Entry By Loading Dock (v-12) - Brown 3x3 VFT W/ Black Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-79-Mastic *321820869-0079A*	1st Floor SW Entry By Loading Dock (v-12) - Brown 3x3 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-80-VFT *321820869-0080*	1st Floor SW Entry By Loading Dock (v-12) - Brown 3x3 VFT W/ Black Mastic	Brown Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-80-Mastic *321820869-0080A*	1st Floor SW Entry By Loading Dock (v-12) - Brown 3x3 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-81-Mastic 1/Leveling Compound *321820869-0081* *Unable to separate*	1st Floor Book/Keeping Restroom Floor - Gray 9x9 Vinyl Floor Tile W/ Black Mastic	Gray/Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-81-Floor Tile *321820869-0081A*	1st Floor Book/Keeping Restroom Floor - Gray 9x9 Vinyl Floor Tile W/ Black Mastic	Gray Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-81-Mastic 2 *321820869-0081B*	1st Floor Book/Keeping Restroom Floor - Gray 9x9 Vinyl Floor Tile W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-82-VFT *321820869-0082*	1st Floor Book/Keeping Restroom Floor - Gray 9x9 Vinyl Floor Tile W/ Black Mastic	Gray Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-82-Mastic *321820869-0082A*	1st Floor Book/Keeping Restroom Floor - Gray 9x9 Vinyl Floor Tile W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-83-VFT *321820869-0083*	1st Floor Book/Keeping Restroom Floor - Gray 9x9 Vinyl Floor Tile W/ Black Mastic	Gray Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-83-Mastic *321820869-0083A*	1st Floor Book/Keeping Restroom Floor - Gray 9x9 Vinyl Floor Tile W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-84-VFT *321820869-0084*	1st Floor Elevator Lobby (B7-5) - Light Tan 12x12 VFT W/ Black Mastic	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-84-Mastic *321820869-0084A*	1st Floor Elevator Lobby (B7-5) - Light Tan 12x12 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-85-VFT *321820869-0085*	1st Floor Elevator Lobby (B7-5) - Light Tan 12x12 VFT w/ Black Mastic	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-85-Mastic *321820869-0085A*	1st Floor Elevator Lobby (B7-5) - Light Tan 12x12 VFT w/ Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-86-Mastic 1 Top *321820869-0086*	1st Floor Elevator Lobby (B7-5) - Light Tan 12x12 VFT w/ Black Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-86-VFT *321820869-0086A*	1st Floor Elevator Lobby (B7-5) - Light Tan 12x12 VFT w/ Black Mastic	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-86-Mastic 2 Bottom *321820869-0086B*	1st Floor Elevator Lobby (B7-5) - Light Tan 12x12 VFT w/ Black Mastic	Black Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
7333B-87-Mastic 1 Top *321820869-0087*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Gray/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-87-VSF *321820869-0087A*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Brown Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
7333B-87-Mastic 2 *321820869-0087B*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-88-Mastic 1 Top *321820869-0088*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Gray/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-88-VSF *321820869-0088A*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Brown Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
7333B-88-Mastic 2 *321820869-0088B*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-89-VSF *321820869-0089*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Brown Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333B-89-Mastic *321820869-0089A*	1st Floor Book Keeping Room - Brown Sheet Flooring W/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-90-Mastic 1 Top *321820869-0090*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Gray/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-90-VSF *321820869-0090A*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Gray Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
7333B-90-Mastic 2 *321820869-0090B*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-91-VSF *321820869-0091*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Gray Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
7333B-91-Mastic *321820869-0091A*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-92-SVF *321820869-0092* *Insufficient mastic present for analysis*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Gray Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
7333B-93-VSF *321820869-0093*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Brown/Gray Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-93-Mastic *321820869-0093A*	1st Floor Ward's Office - Gray Sheet Flooring w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-94-VFT *321820869-0094*	1st Floor North Wing Judge Office (D1) - Brown 9x9 VFT W/ Black Mastic	Brown Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-94-Mastic *321820869-0094A*	1st Floor North Wing Judge Office (D1) - Brown 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-95-VFT *321820869-0095*	Courtroom (1B) - Brown 9x9 VFT W/ Black Mastic	Brown Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-95-Mastic *321820869-0095A*	Courtroom (1B) - Brown 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-96-Carpet/Mastic 1 Top *321820869-0096* *Unable to separate*	Parole Office (K4) - Brown 9x9 VFT W/ Black Mastic	Various/Yellow Fibrous Heterogeneous	20% Synthetic	80% Non-fibrous (Other)	None Detected
7333B-96-VFT *321820869-0096A*	Parole Office (K4) - Brown 9x9 VFT W/ Black Mastic	Brown Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
7333B-96-Mastic *321820869-0096B*	Parole Office (K4) - Brown 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-97-VFT *321820869-0097*	NE Corner Office - Brown 9x9 VFT W/ Black Mastic	Brown Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
7333B-97-Mastic *321820869-0097A*	NE Corner Office - Brown 9x9 VFT W/ Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-98-VFT *321820869-0098*	1st Floor Office Corridor SE Room - Gray 12x12 VFT Self Stick	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-98-Mastic *321820869-0098A*	1st Floor Office Corridor SE Room - Gray 12x12 VFT Self Stick	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-99-VFT *321820869-0099*	1st Floor Office Corridor SE Room - Gray 12x12 Vft (Self Stick)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-99-Mastic *321820869-0099A*	1st Floor Office Corridor SE Room - Gray 12x12 Vft (Self Stick)	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-100-VFT *321820869-0100*	1st Floor Office Corridor SE Room - Gray 12x12 Vft (Self Stick)	Gray/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-100-Mastic *321820869-0100A*	1st Floor Office Corridor SE Room - Gray 12x12 Vft (Self Stick)	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-101-Glue *321820869-0101*	1st Floor Unsentenced Prisotiers Roof (N3, N4) - Red/ Brown Carpet Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-101-Texture Paint *321820869-0101A*	1st Floor Unsentenced Prisotiers Roof (N3, N4) - Red/ Brown Carpet Glue	Brown/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-102-Glue *321820869-0102*	1st Floor Unsentenced Prisotiers Roof (N3, N4) - Red/ Brown Carpet Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-102-Texture Paint *321820869-0102A*	1st Floor Unsentenced Prisotiers Roof (N3, N4) - Red/ Brown Carpet Glue	Brown/Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-103-Glue *321820869-0103*	1st Floor Unsentenced Prisotiers Roof (N3, N4) - Red/ Brown Carpet Glue	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-103-Texture Paint *321820869-0103A*	1st Floor Unsentenced Prisotiers Roof (N3, N4) - Red/ Brown Carpet Glue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-104-VFT *321820869-0104*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-104-Glue/Paint *321820869-0104A* *Unable to separate*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-105-VFT *321820869-0105*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-105-Glue/Paint *321820869-0105A* *Unable to separate*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-106-Glue 1 Top *321820869-0106*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Tan/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-106-VFT *321820869-0106A*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-106-Glue 2 Bottom *321820869-0106B*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-106-Paint *321820869-0106C*	1st Floor Records Room (F-32,64,H32) - Yellow 12x12 VFT W/ Yellow Glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-107 *321820869-0107*	1st Floor Dr. Exam Room (C3, C4, C3a) - Gray Flooring Adhesive (Soft)	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
7333B-108 *321820869-0108*	1st Floor Dr. Exam Room (C3, C4, C3a) - Gray Flooring Adhesive (Soft)	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
7333B-109 *321820869-0109*	1st Floor Dr. Exam Room (C3, C4, C3a) - Gray Flooring Adhesive (Soft)	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-110 *321820869-0110*	1st Floor Under Ramp (V10) - Brown Floor Coating	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-111 *321820869-0111*	Exterir Under Covered Dock NW - Brown Floor Coating	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-112-Floor Coating *321820869-0112*	Exterir Under Covered Dock NW - Brown Floor Coating	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-112-Cementitious Material *321820869-0112A*	Exterir Under Covered Dock NW - Brown Floor Coating	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-113-Finish Coat *321820869-0113*	Penthouse Mechanical Room North Wall - Stucco System Rough Texture	Gray/Red/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-113-Base Coat *321820869-0113A*	Penthouse Mechanical Room North Wall - Stucco System Rough Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-114-Finish Coat *321820869-0114*	Penthouse Mechanical Room North Wall - Stucco System Rough Texture	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-114-Base Coat *321820869-0114A*	Penthouse Mechanical Room North Wall - Stucco System Rough Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-115-Finish Coat *321820869-0115*	Penthouse Mechanical Room North Wall - Stucco System Rough Texture	White/Green/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-115-Base Coat *321820869-0115A*	Penthouse Mechanical Room North Wall - Stucco System Rough Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-116 *321820869-0116*	Penthouse Mechanical Room North Wall - Stucco System Rough Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-117-Finish Coat *321820869-0117*	Penthouse Stairwell Fair Ceilig - Plaster System Smooth Finish	White/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-117-Base Coat *321820869-0117A*	Penthouse Stairwell Fair Ceilig - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-118-Finish Coat *321820869-0118*	Penthouse Stairwell South Wall - Plaster System Smooth Finish	Gray/White/Red Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-118-Base Coat *321820869-0118A*	Penthouse Stairwell South Wall - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-119-Finish Coat *321820869-0119*	5th Floor north Corrifdor Ceiling - Plaster System Smooth Finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-119-Base Coat *321820869-0119A*	5th Floor north Corrifdor Ceiling - Plaster System Smooth Finish	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-120-Finish Coat *321820869-0120*	4th Floor Wall By NW Elevator - Plaster System Smooth Finish	White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-120-Base Coat *321820869-0120A*	4th Floor Wall By NW Elevator - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-121-Finish Coat *321820869-0121*	4th Floor South Corridor Ceiling - Plaster System Smooth Finish	White/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-121-Base Coat *321820869-0121A*	4th Floor South Corridor Ceiling - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-122-Finish Coat *321820869-0122*	3rd Floor bathroom Wall - Plaster System Smooth Finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-122-Base Coat *321820869-0122A*	3rd Floor bathroom Wall - Plaster System Smooth Finish	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-123-Finish Coat *321820869-0123*	3rd Floor South Elevator Lobby Wall - Plaster System Smooth Finish	White/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-123-Base Coat *321820869-0123A*	3rd Floor South Elevator Lobby Wall - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-124-Finish Coat *321820869-0124*	3rd Floor NW Office Wall - Plaster System Smooth Finish	Gray/White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-124-Base Coat *321820869-0124A*	3rd Floor NW Office Wall - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-125-Texture Paint *321820869-0125*	2nd Floor West Dayroom Walls - Plaster System Smooth Finish	Purple Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-125-Plaster *321820869-0125A*	2nd Floor West Dayroom Walls - Plaster System Smooth Finish	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-126-Finish Coat *321820869-0126*	1st Floor NW Area Walls (Restroom) - Plaster System Smooth Finish	Gray/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-126-Base Coat *321820869-0126A*	1st Floor NW Area Walls (Restroom) - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-127-Finish Coat *321820869-0127*	1st Floor SE Office Restroom Wall/ Ceiling - Plaster System Smooth Finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-127-Base Coat *321820869-0127A*	1st Floor SE Office Restroom Wall/ Ceiling - Plaster System Smooth Finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-128-Texture Paint *321820869-0128*	5th Floor SE RR Ceiling - Plaster System Sand Texture	Gray/Pink Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-128-Plaster *321820869-0128A*	5th Floor SE RR Ceiling - Plaster System Sand Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-129-Texture Paint *321820869-0129*	5th Floor SE Day Room Ceiling - Plaster System Sand Texture	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-129-Plaster *321820869-0129A*	5th Floor SE Day Room Ceiling - Plaster System Sand Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-130-Texture Paint *321820869-0130*	4th Floor North Corridor Wall - Plaster System Sand Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-130-Plaster *321820869-0130A*	4th Floor North Corridor Wall - Plaster System Sand Texture	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-131-Finish Coat *321820869-0131*	4th Floor South Corridor Ceiling - Plaster System Sand Texture	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-131-Base Coat *321820869-0131A*	4th Floor South Corridor Ceiling - Plaster System Sand Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-132-Finish Coat *321820869-0132*	3rd Floor South RR Ceiling - Plaster System Sand Texture	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-132-Base Coat *321820869-0132A*	3rd Floor South RR Ceiling - Plaster System Sand Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-133-Finish Coat *321820869-0133*	3rd Floor South Elevator Lobby Wall - Plaster System Sand Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-133-Base Coat *321820869-0133A*	3rd Floor South Elevator Lobby Wall - Plaster System Sand Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-134-Skim Coat *321820869-0134*	2nd Floor South Dayroom Walls - Plaster System Sand Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-134-Plaster *321820869-0134A*	2nd Floor South Dayroom Walls - Plaster System Sand Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-135-Finish Coat *321820869-0135*	1st Floor SW Offices Wall - Plaster System Sand Texture	White/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-135-Base Coat *321820869-0135A*	1st Floor SW Offices Wall - Plaster System Sand Texture	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-136-Finish Coat *321820869-0136*	1st Floor SE Office Ceiling - Plaster System Sand Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-136-Base Coat *321820869-0136A*	1st Floor SE Office Ceiling - Plaster System Sand Texture	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-137-Finish Coat *321820869-0137*	Basement Kitchen Ceiling - Plaster System Sand Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-137-Base Coat *321820869-0137A*	Basement Kitchen Ceiling - Plaster System Sand Texture	Tan/Gold Non-Fibrous Homogeneous		20% Mica 80% Non-fibrous (Other)	<1% Actinolite
7333B-138 *321820869-0138*	Basement West Storage Room Walls - Plaster System Sand Texture	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-139-Finish Coat *321820869-0139*	5th Floor Shower Walls - Plaster System On Metal Lath Plaster	White/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-139-Base Coat *321820869-0139A*	5th Floor Shower Walls - Plaster System On Metal Lath Plaster	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-140 *321820869-0140*	5th Floor Shower Walls - Plaster System On Lath Plaster UBP	Brown/Tan Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
7333B-141-Finish Coat *321820869-0141*	4th Floor Shower Walls - Plaster System On Metal Lath Plaster	White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-141-Base Coat *321820869-0141A*	4th Floor Shower Walls - Plaster System On Metal Lath Plaster	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-142 *321820869-0142*	4th Floor Shower Walls - Plaster System On Metal Lath UBP	Brown/Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
7333B-143-Finish Coat *321820869-0143*	2nd Floor Shower Walls - Plaster System On Metal Lath Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-143-Base Coat *321820869-0143A*	2nd Floor Shower Walls - Plaster System On Metal Lath Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-144 *321820869-0144*	2nd Floor Shower Walls - Plaster System On Metal Lath Plaster	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
7333B-145-Finish Coat *321820869-0145*	5th Floor Cell Bed - Plaster System On Metal Lath UBP	Gray/White Non-Fibrous Heterogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-145-Base Coat *321820869-0145A*	5th Floor Cell Bed - Plaster System On Metal Lath UBP	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-146-Finish Coat *321820869-0146*	5th Floor Cell Bed - Concrete	Gray/White Non-Fibrous Heterogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-146-Base Coat *321820869-0146A*	5th Floor Cell Bed - Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-147 *321820869-0147*	2nd Floor Cell Bed - Concrete	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-148 *321820869-0148*	2nd Floor Cell Wall - Concrete	Gray/Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-149-Finish Coat *321820869-0149*	2nd Floor Cell Wall - Concrete	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-149-Base Coat *321820869-0149A*	2nd Floor Cell Wall - Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-150-Drywall *321820869-0150* *No JC present for analysis.*	5th Floor North Storage & Office - Drywall System	Brown/White/Beige Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
7333B-151-Drywall *321820869-0151*	5th Floor North Storage & Office - Drywall System	Brown/White Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
7333B-151-Joint Compound *321820869-0151A*	5th Floor North Storage & Office - Drywall System	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-152-Drywall *321820869-0152*	5th Floor North Storage & Office - Drywall System	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
7333B-152-Joint Compound *321820869-0152A*	5th Floor North Storage & Office - Drywall System	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-153-Drywall *321820869-0153*	1st Floor Drunk Tank North - Drywall System	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333B-153-Joint Compound *321820869-0153A*	1st Floor Drunk Tank North - Drywall System	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-154-Drywall *321820869-0154*	1st Floor Drunk Tank West - Drywall System	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333B-154-Joint Compound *321820869-0154A*	1st Floor Drunk Tank West - Drywall System	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-155-Drywall *321820869-0155*	1st Floor Drunk Tank - Drywall System	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
7333B-155-Joint Compound *321820869-0155A*	1st Floor Drunk Tank - Drywall System	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
7333B-156-Drywall *321820869-0156*	1st Floor North Area - Drywall System	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333B-156-Joint Compound *321820869-0156A*	1st Floor North Area - Drywall System	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-157-Drywall *321820869-0157*	1st Floor North Area - Drywall System	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333B-157-Joint Compound *321820869-0157A*	1st Floor North Area - Drywall System	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-158-Cork Insulation *321820869-0158*	1st Floor Walk In Fridge - Cork Insulation With Tar Adhesive	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-158-Adhesive (Coating Like) *321820869-0158A*	1st Floor Walk In Fridge - Cork Insulation With Tar Adhesive	Black/Silver/Beige Non-Fibrous Heterogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-159-Cork Insulation *321820869-0159*	Basement Walk In Fridge - Cork Insulation With Tar Adhesive	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-159-Adhesive (Tar) *321820869-0159A*	Basement Walk In Fridge - Cork Insulation With Tar Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-160-Adhesive *321820869-0160*	Basement Fan Room On Fan Unit - Cork Insulation With Tar Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
No cork insulation present for analysis.					
7333B-161-Adhesive (Coating Like) *321820869-0161*	Basement Fan Room On Fan Unit - Cork Insulation With Tar Adhesive	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333B-161-Cork Insulation *321820869-0161A*	Basement Fan Room On Fan Unit - Cork Insulation With Tar Adhesive	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-162-Ceiling Tile *321820869-0162*	5th Floor NW Offices - Brown Ceiling Tile Mastic	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
7333B-162-Mastic *321820869-0162A*	5th Floor NW Offices - Brown Ceiling Tile Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-163 *321820869-0163*	5th Floor NW Offices - 12x12 Straight Hole Ceiling Tile	Brown/White Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
7333B-164-Ceiling Tile *321820869-0164*	5th Floor NW Offices - Brown Ceiling Tile Mastic	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
7333B-164-Mastic *321820869-0164A*	5th Floor NW Offices - Brown Ceiling Tile Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-165-Ceiling Tile *321820869-0165*	5th Floor West Center Day Room - Brown Ceiling Tile Mastic	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
7333B-165-Mastic *321820869-0165A*	5th Floor West Center Day Room - Brown Ceiling Tile Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-166-Ceiling Tile *321820869-0166*	5th Floor NW Offices - Brown Ceiling Tile Mastic	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
7333B-166-Mastic *321820869-0166A*	5th Floor NW Offices - Brown Ceiling Tile Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-167-Ceiling Tile *321820869-0167*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	White/Beige Fibrous Heterogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
7333B-167-Mastic *321820869-0167A*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-167-Felt Paper *321820869-0167B*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
7333B-168-Ceiling Tile *321820869-0168*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	White/Beige Fibrous Heterogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
7333B-168-Mastic *321820869-0168A*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-168-Felt Paper *321820869-0168B*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
7333B-169-Ceiling Tile *321820869-0169*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	Gray Fibrous Homogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
7333B-169-Mastic *321820869-0169A*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-169-Felt Paper *321820869-0169B*	2nd Floor NW Felony Booking Room - 12x12 Fissured Ceiling Tile w/ Mastic	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
7333B-170-Ceiling Tile *321820869-0170*	1st Floor Courtroom Lobby North - 12x12 Fissured Ceiling Tile w/ Brown Mastic	White/Beige Fibrous Heterogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
7333B-170-Mastic *321820869-0170A*	1st Floor Courtroom Lobby North - 12x12 Fissured Ceiling Tile w/ Brown Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-170-Plaster *321820869-0170B*	1st Floor Courtroom Lobby North - 12x12 Fissured Ceiling Tile w/ Brown Mastic	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-171-Ceiling Tile *321820869-0171*	1st Floor Courtroom Lobby Center - 12x12 Fissured Ceiling Tile w/ Brown Mastic	White/Beige Fibrous Heterogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
7333B-171-Mastic *321820869-0171A*	1st Floor Courtroom Lobby Center - 12x12 Fissured Ceiling Tile w/ Brown Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-171-Plaster *321820869-0171B*	1st Floor Courtroom Lobby Center - 12x12 Fissured Ceiling Tile w/ Brown Mastic	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-172-Ceiling Tile *321820869-0172*	1st Floor Courtroom Lobby South - 12x12 Fissured Ceiling Tile w/ Brown Mastic	Gray/White Fibrous Homogeneous	70% Min. Wool	30% Non-fibrous (Other)	None Detected
7333B-172-Mastic *321820869-0172A*	1st Floor Courtroom Lobby South - 12x12 Fissured Ceiling Tile w/ Brown Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-173-Ceiling Tile *321820869-0173*	1st Floor Records Room - 12x12 Straight Hole Ceiling Tile w/ Mastic	Brown/White Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
7333B-173-Mastic *321820869-0173A*	1st Floor Records Room - 12x12 Straight Hole Ceiling Tile w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-174-Ceiling Tile *321820869-0174*	1st Floor NW Room - 12x12 Straight Hole Ceiling Tile w/ Mastic	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
7333B-174-Mastic *321820869-0174A*	1st Floor NW Room - 12x12 Straight Hole Ceiling Tile w/ Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-175-Ceiling Tile *321820869-0175*	1st Floor Jail Lobby & Officers Ress - Brown Ceiling Tile Mastic	Brown/White Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
7333B-175-Mastic *321820869-0175A*	1st Floor Jail Lobby & Officers Ress - Brown Ceiling Tile Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-176-Concrete *321820869-0176*	West Exterior Wall At 2nd Floor - Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-176-Tar *321820869-0176A*	West Exterior Wall At 2nd Floor - Concrete	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-177 *321820869-0177*	West Loading Dock Curb - Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-178 *321820869-0178*	SE Exterior Wall - Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-179 *321820869-0179*	Basement Loser Fan Room Flex Counter - HVAC Vibration Reducer White	Gray/Black Fibrous Homogeneous	20% Cellulose	20% Non-fibrous (Other)	60% Chrysotile
7333B-180 *321820869-0180*	Basement South Fan Room - HVAC Vibration Reducer Gray	Brown/Black/Silver Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
7333B-181-Fiberglass Insulation *321820869-0181*	Basement On Ridgid Ducting - Fiberglass/ Cloth Duct Insulation Beige	Brown Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-181-Cloth Duct *321820869-0181A*	Basement On Ridgid Ducting - Fiberglass/ Cloth Duct Insulation Beige	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
7333B-181-Texture *321820869-0181B*	Basement On Ridgid Ducting - Fiberglass/ Cloth Duct Insulation Beige	Gray/Beige Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	None Detected
7333B-182 *321820869-0182*	Penthouse Mechanical Room Electric Panel - Black Transite Board	Gray Fibrous Homogeneous		75% Non-fibrous (Other)	25% Chrysotile
7333B-183 *321820869-0183*	Penthouse Mechanical Room And Debris At NE Roof - Black Transite Board	Gray Fibrous Homogeneous		75% Non-fibrous (Other)	25% Chrysotile
7333B-184 *321820869-0184*	Penthouse Mechanical Room And Debris At NE Roof - Black Transite Board	Gray/Black Fibrous Homogeneous		75% Non-fibrous (Other)	25% Chrysotile
7333B-185 *321820869-0185*	Electrical Wiring Penthouse - Black Cloth Wire Insulation	Black Fibrous Heterogeneous	30% Cellulose	50% Non-fibrous (Other)	20% Chrysotile
7333B-186 *321820869-0186*	NE Roof Debris - Black Cloth Wire Insulation	Black Fibrous Heterogeneous	30% Cellulose	50% Non-fibrous (Other)	20% Chrysotile
7333B-187 *321820869-0187*	NE Roof Debris - Black Cloth Wire Insulation	Black Fibrous Heterogeneous	30% Cellulose	50% Non-fibrous (Other)	20% Chrysotile
7333B-188 *321820869-0188*	Basement Electrical Room Panel Blocks - Light Gray Transite Board	Gray Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile
7333B-189 *321820869-0189*	Basement Electrical Room Panel Blocks - Light Gray Transite Board	Gray Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile
7333B-190 *321820869-0190*	Basement Electrical Room Panel Blocks - Light Gray Transite Board	Gray Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile
7333B-191-Texture *321820869-0191* *No plaster present for analysis.*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-192-Texture *321820869-0192*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-192-Finish Coat *321820869-0192A*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 10:11:05

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820869
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333B-192-Base Coat 1 *321820869-0192B*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-192-Base Coat 2 *321820869-0192C*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
7333B-193-Texture Paint/Skim Coat *321820869-0193* *Unable to separate* *No texture present for analysis.*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	Gray/Black/Silver Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333B-193-Finish Coat *321820869-0193A*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-193-Base Coat *321820869-0193B*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-194-Finish Coat *321820869-0194*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333B-194-Base Coat *321820869-0194A*	1st Floor SE Office Walls & Ceiling - Plaster System Trowel Texture	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Julie Vong (131)
Kieu-anh Pham Duong (118)
Rosa Mendoza (127)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/14/2018 10:11:05

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194 + LAYERS	1		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to:

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-1	ROOF COVE - GRAY CAPSHEET OVER ROW/TAR	1	GROUND LEVEL PLATFORM ROOF, NW AT WALL	FAIR	NO	~40,000
B-2		1	GROUND LEVEL PLATFORM ROOF, NW			
B-3		1	CANOPY OVER NW LOADING DOCK			
B-4		1	CANOPY OVER EAST COURTHOUSE ENTRANCE			
B-5		1	WEST ROOF AT 2ND FLOOR OVER KITCHEN			
B-6		1	NW PENTHOUSE ROOF - CENTER			
B-7	ROOF COVE - GRAY CAPSHEET W/ BROWN INSULATION	2	NORTH ROOF FIELD - WEST	GOOD	NO YES (INSULATION)	~22,000
B-8		2	- CENTER			
B-9		2	- SOUTH WEST			
B-10	ROOF COVE - GRAY CAPSHEET OVER FELT	3	WALKWAY EAST OF FAN ROOM	GOOD	NO	~[illegible],000
B-11		3	SOUTH EAST ROOF FIELD - CENTER			
B-12	ROOF COVE - GRAY CAPSHEET OVER FELT	4	ELEVATOR PENTHOUSE ROOF	FAIR	NO	~200
B-13	ROOF COVE - GRAY CAPSHEET W/ SILVER COATING	5	WEST ROOF FIELD - CENTER	FAIR	NO	~15,000
B-14	OVER ROW/TAR	5	WEST PENTHOUSE - CENTER			

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS: RC - ROBERT CLARK, CG - CHRISTIAN GOERRISSEN

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received by:	**Date & Time**
[illegible] (UT)	9/7/18 1455

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Requested Turn around time

5 DAYS

#321820869

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194 + LAYER	2		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-15	ROOF CORE - GRAY CAPSHEET OVER ROCK/TAR	5	ELEVATED ROOF S. OF FAN ROOM - CENTER	POOR	NO	~15,000 ft
B-16		5	FAN ROOM ROOF - CENTER			
B-17		5	FREIGHT ELEVATOR PENTHOUSE ROOF			
B-18	GRAY/BLACK ROOF MASTIC	6	GROUND LEVEL PLATFORM ROOF - NW	FAIR	NO	~500 ft
B-19		6	- AT FENCE POST			
B-20		6	- AT CURB SEAM			
B-21		6	WEST CANOPY OVER LOADING DOCK, SE CORNER			
B-22		6	EAST CANOPY FLASHING			
B-23		6	WEST ROOF AT 2ND FLOOR - FLASHING			
B-24		6	- PIPE PENETRATION			
B-25		6	- KICK SHEET			
B-26	STUCCO TEXTURE ON CONCRETE	7	WEST PENTHOUSE EXTERIOR WALLS	POOR	NO	~800 ft
B-27		7				
B-28		7				

CONDITION CODE			FRIABLE CODE		HOMOGENEOUS CODE	QUANTITY CODE	
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft.	LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
[signature]	9-6-18 @ 2:30 PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194	3		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B29	2'x2' WALL TILES	8	NORTH BLDG. EXTERIOR WALLS - NORTH	GOOD	NO	~5,000 LF
B30		8	- EAST			
B31		8	- WEST			
B32	WINDOW FRAME SEAM CAULK	9	NORTH WING EXTERIOR WINDOWS	FAIR	NO	~1000 LF
B33		9				
B34		9				
B35	SEAM CAULK	10	WEST CANOPY OVER LOADING DOCK	POOR	NO	~30 LF
B36	WINDOW FRAME SEAM CAULK	10	SOUTH BLDG EXTERIOR WINDOWS	FAIR	NO	
B37		10				
B38		11				
B39	GREEN 9x9 VFT W/ BLACK MASTIC	12	5TH FLOOR, SOUTH AT W1-3	FAIR	NO	~200 SF
B40		12				
B41		12				
B42	TAN 9x9 VFT W/ BLACK MASTIC	13	5TH FLOOR, NW OFFICE AT F6 & F7	FAIR	NO	~400 SF

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS: VFT = VINYL FLOOR TILE

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30pm
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194	4	Of	14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-43	TAN 9x9 VFT w/ BLACK MASTIC	13	5TH FLOOR NW OFFICE AT (F 6 & 7)	FAIR	NO	~400 LF
B-44	↓	13	↓	↓	↓	↓
B-45	WHITE 12x12 VFT W/ YELLOW GLUE	14	5TH FLOOR BATHROOM	FAIR	NO	~200 LF
B-46	↓	14	↓	↓	↓	↓
B-47	↓	14	↓	↓	↓	↓
B-48	BROWN 9x9 VFT W/ BLACK MASTIC	15	5TH FLOOR NE COPIER ROOM AT (A1)	FAIR	NO	TILE ~2 LF MASTIC ~100 LF
B-49	↓	15	↓	↓	↓	↓
B-50	↓	15	↓	↓	↓	↓
B-51	BEIGE 12x12 VFT W/ YELLOW & BLACK MASTIC	16	5TH FLOOR NE HALL AT (B2)	FAIR	NO	~100 LF
B-52	↓	16	↓	↓	↓	↓
B-53	↓	16	↓	↓	↓	↓
B-54	GREEN 9x9 VFT W/ BLACK MASTIC	17	3RD FLOOR EAST	FAIR	NO	~400 LF
B-55	↓	17	↓	↓	↓	↓
B-56	↓	17	↓	↓	↓	↓

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to; robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30 PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194	5		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
333 B-57	~~RED~~ 9x9 VFT WITH BLACK MASTIC	18	3RD FLOOR, NW	FAIR	NO	~300 LD
B-58	BROWN	18				
B-59	BROWN	18				
B-60	RED 9x9 VFT WITH BLACK MASTIC	19	2ND FLOOR, NW	FAIR	NO	~300 LD
B-61		19				
B-62		19				
B-63	GRAY, PINK, BLACK VSF SHELF LINER	20	2ND FLOOR, S. BATHROOM OF CABINETS	FAIR	NO	~10 LD
B-64		20				
B-65		20				
B-66	GREEN 9x9 VFT W/ BLACK MASTIC	21	1ST FLOOR - SOUTH AREA - GENERAL OFFICE (W1-10)	FAIR	NO	~10,000 LD
B-67		21	- BOOKKEEPING ROOM (W2-32)			
B-68		21	- S. CORRIDOR			
B-69	BLACK FLOOR TILE MASTIC	22	1ST FLOOR - VISITORS ROOM (T1-10)	POOR	NO	~1,000 LD
B-70		22	- PUBLIC LOBBY (V1-20)			

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30pm
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194	6		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-71	BLACK FLOOR TILE MASTIC	22	1ST FLOOR PUBLIC (W-10) LOBBY GENERAL OFFICE	POOR	NO	~1,000 LF
B-72	BLACK FLOOR TILE MASTIC	23	1ST FLOOR - SE CORRIDOR AT ENTRY	POOR	NO	~200 LF
B-73		23				
B-74		23				
B-75	RED 9X9 VFT WITH BLACK MASTIC	24	1ST FLOOR OFFICERS MESS ROOM	FAIR	NO	~800 LF
B-76		24				
B-77		24				
B-78	BROWN 9X9 VFT W/ BLACK MASTIC	25	1ST FLOOR, SW ENTRY BY LOADING DOCK (V-12)	FAIR	NO	~25 LF
B-79		25				
B-80		25				
B-81	GRAY 9X9 VINYL FLOOR TILE W/BLACK MASTIC	26	1ST FLOOR - BOOKKEEPING RESTROOM FLOOR	FAIR	NO	~25 LF
B-82		26				
B-83		26				
B-84	LIGHT TAN 12X12 VFT W/BLACK MASTIC	27	1ST FLOOR ELEVATOR LOBBY (B7-5)	FAIR	NO	~400 LF

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30 PM
Received by:	**Date & Time**

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194	7		

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-85	LIGHT TAN 12X12 VFT W/BLACK MASTIC	27	1ST FLOOR ELEVATOR LOBBY (B7-5)	FAIR	NO	~400 SF
B-86		27	(B7-5)			
B-87	BROWN SHEET FLOORING W/ MASTIC	28	1ST FLOOR BOOKKEEPING ROOM	POOR	NO	~400 SF
B-88		28				
B-89		28				
B-90	GRAY SHEET FLOORING W/MASTIC	29	1ST FLOOR - WARDS OFFICE	POOR	NO	~300 SF
B-91		29				
B-92		29				
B-93		29				
B-94	BROWN 9X9 VFT W/BLACK MASTIC	30	1ST FLOOR NORTH WING - JUDGES OFFICE (P1)	FAIR	NO	9600 SF
B-95		30	- COURTROOM 1 (K3)			
B-96		30	- PATROLS OFFICE (K4)			
B-97		30	- NE COURTER OFFICE			
B-98	GRAY 12X12 VFT - SELF STICK	31	1ST FLOOR OFFICE CORRIDOR SE ROOM	FAIR	NO	~25 SF

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENT

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-23-18	194	8		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
FS33 B-99	GRAY RXR UFT (SELF-STICK)	31	1ST FLOOR OFFICE COMPUTOR SE ROOM	FAIR	NO	~25 ☐
B-100		31				
B-101	RED/BROWN CARPET GLUE	32	1ST FLOOR UNSENTENCED PRISONERS ROOF (N3, N4)	FAIR	NO	~400 ☐
B-102		32				
B-103		32				
B-104	YELLOW RXR UFT W/YELLOW GLUE	33	1ST FLOOR RECORDS ROOM (F3a, G4, H3a)	FAIR	NO	~250 ☐
B-105		33				
B-106		33				
B-107	GRAY FLOORING ADHESIVE (SOFT)	34	1ST FLOOR DR. GRAND ROOM (C3, C4, C3a)	POOR	NO	~100 ☐
B-108		34				
B-109		34				
B-110	BROWN FLOOR COATING	35	1ST FLOOR UNDER RAMP (V10)	FAIR	NO	~1,000 ☐
B-111		35	EXTERIOR UNDER COVERED DOCK N4			
B-112		35				

CONDITION CODE			FRIABLE CODE		HOMOGENEOUS CODE	QUANTITY CODE	
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft.	LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30 PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-24-18	194	9		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-113	STUCCO SYSTEM -ROUGH TEXTURE	36	PENTHOUSE MECHANICAL ROOM - NORTH WALL	FAIR	NO	~2,000 ft
B-114		36				
B-115		36				
B-116		36				
B-117	PLASTER SYSTEM -SMOOTH FINISH	37	PENTHOUSE STAIRWELL CEILING	FAIR	NO	~650,000 ft
B-118			PENTHOUSE STAIRWELL SOUTH WALL			
B-119			5TH FLOOR - NORTH CORRIDOR CEILING			
B-120			4TH FLOOR WALL BY NW ELEVATOR			
B-121			4TH FLOOR SOUTH CORRIDOR CEILING			
B-122			3RD FLOOR BATHROOM WALL			
B-123			3RD FLOOR - SOUTH ELEVATOR LOBBY WALL			
B-124			3RD FLOOR - NW OFFICES WALL			
B-125			2ND FLOOR WEST DAYROOM WALLS			
B-126			1ST FLOOR NW AREA WALLS (RESTROOM)			

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

#321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RL & CG	8-24-18	194	10	Of	14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-127	PLASTER SYSTEM - SMOOTH FINISH	37	1ST FLOOR SE OFFICE RESTROOM WALL/CEILING	FAIR	NO	~650,000 ft
B-128	PLASTER SYSTEM - SAND TEXTURE	38	5TH FLOOR SE RR CEILING	POOR	NO	~650,000 ft
B-129			5TH FLOOR, SE DAY ROOM CEILING	POOR		
B-130			4TH FLOOR NORTH CORRIDOR WALL	FAIR		
B-131			4TH FLOOR - SOUTH CORRIDOR CEILING			
B-132			3RD FLOOR SOUTH RR CEILING	FAIR		
B-133			3RD FLOOR - SOUTH ELEVATOR LOBBY WALL			
B-134			2ND FLOOR SOUTH DAYROOM WALLS			
B-135			1ST FLOOR SW OFFICES WALLS			
B-136			1ST FLOOR SE OFFICE CEILING			
B-137			BASEMENT KITCHEN CEILING			
B-138			BASEMENT WEST STORAGE ROOM WALLS			
B-139	PLASTER SYSTEM ON METAL LATH PLASTER	39	5TH FLOOR SHOWER WALLS	POOR	NO	~500 ft
B-140	- VBP	40				

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS: VBP = VAPOR BARRIER PAPER

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30 PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Requested Turn around time

#321820869

Chain of Custody Form- Asbestos Bulk Sampling

5 DAYS

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-24-18	194	11		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-141	PLASTER SYSTEM ON METAL LATH - PLASTER	39	4TH FLOOR SHOWER WALLS	POOR	NO	~5000 LF
B-142	- VBP	40				
B-143	- PLASTER	39	2ND FLOOR SHOWER WALLS			
B-144	- VBP	40				
B-145	CONCRETE	41	5TH FLOOR CELL BED	GOOD	NO	40,000 LF
B-146		41	5TH FLOOR CELL BED			
B-147		41	2ND FLOOR CELL ~~BED~~ BED			
B-148		41	2ND FLOOR CELL WALL			
B-149		41	2ND FLOOR CELL WALL			
B-150	DRYWALL SYSTEM	42	5TH FLOOR NORTH STORAGE & OFFICE	GOOD	NO	~1000 LF
B-151		42				
B-152		42				
B-153	DRYWALL SYSTEM	43	1ST FLOOR DRUNK TANK - NORTH	FAIR	NO	~2,000 LF
B-154		43	1ST FLOOR DRUNK TANK - WEST			

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
[signature]	9-6-18 @ 2:30 PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

#321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RL & CG	8-24-18	194	12		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-155	DRYWALL SYSTEM	43	1ST FLOOR DRUNK TANK	FAIR	NO	~2,000 SF
B-156		43	1ST FLOOR NORTH AREA			
B-157		43				
B-158	CORK INSULATION WITH TAR ADHESIVE	44	1ST FLOOR WALK-IN FRIDGE	FAIR	NO	~4,000 SF
B-159		44	BASEMENT WALK-IN FRIDGE			
B-160		44	BASEMENT FAN ROOM ON FAN UNIT			
B-161		44				
B-162	BROWN CEILING TILE MASTIC	45	5TH FLOOR NW OFFICES	FAIR	NO	~400 SF
B-163	12X12 STRAIGHT HOLE CEILING TILE	46				
B-164	BROWN CEILING TILE MASTIC	45				
B-165		45	5TH FLOOR WEST CENTER DAY ROOM			
B-166		45	5TH FLOOR NW OFFICES			
B-167	12X12 FISSURED CEILING TILE W/ MASTIC	46	2ND FLOOR-NW - FELONY BOOKING ROOM	POOR	YES	~400 SF
B-168		46				

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Chain of Custody Form- Asbestos Bulk Sampling

Requested Turn around time: 5 DAYS

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-27-18	194+LAYERS	13		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-169	12XR FISSURED CEILING TILE W/ MASTIC	46	2ND FLOOR N/W - FELONY BOOKING ROOM	POOR	YES	~400 SF
B-170	12XR FISSURED CEILING TILE W/ BROWN MASTIC	47	1ST FLOOR COURTROOM LOBBY - NORTH	GOOD	YES	~1,000 SF
B-171	↓	47	- CENTER	↓	↓	↓
B-172	↓	47	- SOUTH	↓	↓	↓
B-173	12XR STRAIGHT HOLE CEILING TILE W/ MASTIC	48	1ST FLOOR RECORDS ROOM	FAIR	NO	~2000 SF
B-174	↓	48	1ST FLOOR. N/W ROOM	↓	↓	↓
B-175	BROWN CEILING TILE MASTIC	48	1ST FLOOR ~~KITCHEN~~ JAIL LOBBY & OFFICERS RES	↓	↓	↓
B-176	CONCRETE	49	WEST EXTERIOR WALL AT 2ND FLOOR	GOOD	NO	~400,000 SF
B-177	↓	49	WEST LOADING DOCK COVES	↓	↓	↓
B-178	↓	49	SE EXTERIOR WALL	↓	↓	↓
B-179	HVAC VIBRATION REDUCER - WHITE	50	BASEMENT LOWER FAN ROOM FLEX COLLAR	FAIR	YES	~200 LF
B-180	↓ - GRAY	51	BASEMENT SOUTH FAN ROOM	FAIR	YES	~100 LF
B-181	FIBERGLASS / CLOTH DUCT INSULATION - BEIGE	52	BASEMENT OF RIGID DUCTING	FAIR	YES	8000 LF
B-182	BLACK TRANSITE BOARD	53	PENTHOUSE MECHANICAL ROOM - ELECTRICAL PANEL	POOR	NO	~10 SF

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820869

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820869

Chain of Custody Form- Asbestos Bulk Sampling

Requested Turn around time

5 DAYS

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	RC & CG	8-27-18	194 + LAYERS	14		14

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-183	BLACK TRANSITE BOARD	53	PENTHOUSE MECH. ROOM AND DEBRIS AT NE ROOF	POOR	NO	~10 LF
B-184	↓	53	↓	↓	↓	↓
B-185	BLACK CLOTH WIRE INSULATION	54	ELECTRICAL WIRING - PENTHOUSE	FAIR	NO	N/A
B-186	↓	54	- NE ROOF DEBRIS	↓	↓	↓
B-187	↓	54	↓	↓	↓	↓
B-188	LIGHT GRAY TRANSITE BOARD	55	BASEMENT ELECTRICAL ROOM - PATCH BLOCKS	FAIR	NO	~50 LF
B-189	↓	55	↓	↓	↓	↓
B-190	↓	55	↓	↓	↓	↓
B-191	PLASTER SYSTEM - TROWEL TEXTURE	56	1ST FLOOR SE OFFICE WALLS & CEILING	FAIR	NO	~200 SF
B-192	↓	56	↓	↓	↓	↓
B-193	↓	56	↓	↓	↓	↓
B-194	↓	56	↓	↓	↓	↓

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30 pm
Received by:	**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820649
Customer ID: CLAR53
Customer PO:
Project ID:

Attention: Robert Clark
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 402-7051
Fax: (818) 727-2556
Received Date: 09/07/2018 2:55 PM
Analysis Date: 09/14/2018
Collected Date: 08/27/2018

Project: 1027333.02/ Lincoln Heights Jail Site 401 North Avenue 19, Los Angeles, CA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333 B-195 *321820649-0001*	Basement- intact TSI on Pipes - TSI on pipes	White Fibrous Homogeneous		90% Non-fibrous (Other)	7% Amosite 3% Chrysotile
7333 B-196 *321820649-0002*	Basement- intact TSI on elbows - TSI on elbos	White Fibrous Homogeneous		85% Non-fibrous (Other)	10% Amosite 3% Chrysotile 2% Crocidolite
7333 B-197 *321820649-0003*	Scattered TSI debris-basement - TSI debris	White Fibrous Homogeneous		87% Non-fibrous (Other)	10% Amosite 3% Chrysotile
7333 B-198 *321820649-0004*	Scattered TSI debris-1st floor - TSI debris	White Fibrous Homogeneous		85% Non-fibrous (Other)	10% Amosite 5% Chrysotile
7333 B-199 *321820649-0005*	Scattered TSI debris-2nd floor - TSI debris	White Fibrous Homogeneous		85% Non-fibrous (Other)	10% Amosite 5% Chrysotile
7333 B-200 *321820649-0006*	Scattered TSI debris-3rd floor - TSI debris	White Fibrous Homogeneous		86% Non-fibrous (Other)	8% Amosite 6% Chrysotile
7333 B-201 *321820649-0007*	Scattered TSI debris-4th floor - TSI debris	White Fibrous Homogeneous		84% Non-fibrous (Other)	8% Amosite 8% Chrysotile
7333 B-202 *321820649-0008*	Scattered TSI debris-5th floor - TSI debris	White Fibrous Homogeneous		85% Non-fibrous (Other)	10% Amosite 5% Chrysotile

Analyst(s)

Andrew Richards (2)
Julie Vong (6)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/14/2018 15:18:12

OrderID: 321820649

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820649

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	C. GOERRISSEN	8/23-27/18	8	1		1

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: JAIL BLDG - TSI DEBRIS Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-195	TSI ON PIPES	57	BASEMENT - INTACT TSI ON PIPES	FAIR	YES	~1,000Ø
B-196	TSI ON ELBOWS	57	BASEMENT - INTACT TSI ON ELBOWS	FAIR	YES	~500Ø
B-197	TSI DEBRIS	57	SCATTERED TSI DEBRIS - BASEMENT	POOR	YES	240,000Ø
B-198		57	- 1ST FLOOR			
B-199		57	- 2ND FLOOR			
B-200		57	- 3RD FLOOR			
B-201		57	- 4TH FLOOR			
B-202		57	- 5TH FLOOR			

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS: TSI - THERMAL SYSTEM INSULATION (PIPE LAGGING) SCATTERED DEBRIS PRESENT ON ALL FLOORS THROUGHOUT THE BUILDING ~ 240,000Ø

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
[signature]	9-6-18 @ 3:00PM
Received by:	**Date & Time**
OMOKISSOOK (WE)	9/7/18 1455

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321822962
Customer ID: CLAR53
Customer PO:
Project ID:

Attention: Christian Goerrissen
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 402-9844
Fax: (818) 727-2556
Received Date: 10/05/2018 11:50 AM
Analysis Date: 10/08/2018
Collected Date: 10/02/2018

Project: 1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333 B-203 *321822962-0001*	Jail bldg - 1st floor NW temporary detention rm - Brown battleship flooring	Gray/Red/Yellow Non-Fibrous Heterogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
7333 B-204-Finish Coat *321822962-0002*	Jail bldg - basement kitchen ceilling - Plaster ceiling - sand texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-204-Base Coat *321822962-0002A*	Jail bldg - basement kitchen ceilling - Plaster ceiling - sand texture	Beige/Gold Non-Fibrous Homogeneous		10% Mica 90% Non-fibrous (Other)	None Detected
7333 B-205-Finish Coat *321822962-0003*	Jail bldg - basement kitchen ceilling - Plaster ceiling - sand texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-205-Base Coat *321822962-0003A*	Jail bldg - basement kitchen ceilling - Plaster ceiling - sand texture	White/Gold Non-Fibrous Homogeneous		10% Mica 90% Non-fibrous (Other)	None Detected
7333 B-206-Finish Coat *321822962-0004*	Jail bldg - basement kitchen ceilling - Plaster ceiling - sand texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-206-Base Coat *321822962-0004A*	Jail bldg - basement kitchen ceilling - Plaster ceiling - sand texture	Beige Non-Fibrous Homogeneous		20% Mica 80% Non-fibrous (Other)	None Detected
7333 B-207-Plaster *321822962-0005*	Jail bldg - basement kitchen ceilling - Plaster vapor barrier paper	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-207-Vapor Barrier *321822962-0005A*	Jail bldg - basement kitchen ceilling - Plaster vapor barrier paper	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
7333 B-208-Cork *321822962-0006*	Office bldg - cold storage room - Cork insulation with tar adhesive	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-208-Tar Adhesive *321822962-0006A*	Office bldg - cold storage room - Cork insulation with tar adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-209-Texture *321822962-0007*	Office bldg - entry at loading dock - Texture coat on concrete walls	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 10/08/2018 11:10:11

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321822962
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333 B-209-Concrete *321822962-0007A*	Office bldg - entry at loading dock - Texture coat on concrete walls	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-210 *321822962-0008*	Office bldg - SE corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-211-Coating *321822962-0009*	Office bldg - corridor at no stopping room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-211-Texture *321822962-0009A*	Office bldg - corridor at no stopping room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333 B-212 *321822962-0010*	Office bldg - exterior wall - S. side - White wall texture coat on concrete	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
Kieu-anh Pham Duong (4)
Rosa Mendoza (13)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 10/08/2018 11:10:11

OrderID: 321822962

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321822962

Requested Turn around time

Chain of Custody Form- Bulk Sampling

24 Hours

CSC Job #	Sampling By	Date Taken	# Samples	Page #		Total Pages
1027333.02	Christian Goerrissen	October 2, 2018	10	1	of	1

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	(1001121)
401 North Avenue 19	
Los Angeles, CA 90031	

Sample Analysis:	PLM – Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy	Lab Submitted to:	LA Testing

ID #	Material Description	HM	Location of Sample	Condition	Friable	Quantity
7333 B-203	BROWN BATTLESHIP FLOORING	58	JAIL BLDG. 1ST FLOOR NW TEMPORARY DETENTION RM.	GOOD	NO	~200 lf
B-204	PLASTER CEILING - SAND TEXTURE	38	JAIL BLDG. BASEMENT KITCHEN CEILING	POOR	NO	650,000 lf ~2,000 /M UNIT
B-205	↓	38	↓	↓	↓	↓
B-206	↓	38	↓	↓	↓	↓
B-207	PLASTER VAPOR BARRIER PATCH	59	↓	↓	↓	2,000 lf
B-208	CORK INSULATION WITH TAR ADHESIVE	41	OFFICE BLDG. COLD STORAGE ROOM	GOOD	NO	~600 lf
B-209	TEXTURE COAT ON CONCRETE WALLS	6	OFFICE BLDG. ENTRY AT LOADING DOCK	GOOD	NO	~10,000 lf
B-210		6	- SE CORRIDOR	↓	↓	↓
B-211		6	↓ - CORRIDOR AT NO STOPPING ZONE	↓	↓	↓
B-212	WHITE WALL TEXTURE COAT ON CONCRETE	11	OFFICE BLDG. EXTERIOR WALL - S. SIDE	GOOD/FAIR	NO	~10,000 lf

CONDITION CODE			FRIABLE CODE		HOMOGENEOUS CODE	QUANTITY CODE	
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft.	LF = LINEAR Ft.

INSPECTION COMMENTS:

Relinquished By:	Date & Time
[signature]	10-5-18 @ 8:50 AM
Received By:	**Date & Time**
T.G. (WI)	10-5-18 11:50 am

Clark Seif Clark

LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820979
Customer ID: CLAR53
Customer PO:
Project ID:

Attention: Robert Clark
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 402-7051
Fax: (818) 727-2556
Received Date: 09/07/2018 2:55 PM
Analysis Date: 09/14/2018
Collected Date: 08/27/2018

Project: 1027333.02/ Lincoln Heights Jail Site/ 401 North Avenue 19, Los Angeles, CA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333-B1-VFT *321820979-0001*	Conference room, SE - White multi- colored 12x12 VFT w/ yellow glue	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B1-Glue *321820979-0001A*	Conference room, SE - White multi- colored 12x12 VFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B2-VFT *321820979-0002*	Front ready room, east - White multi- colored 12x12 VFT w/ yellow glue	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B2-Glue *321820979-0002A*	Front ready room, east - White multi- colored 12x12 VFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B3-VFT *321820979-0003*	Front RR corridor - White multi- colored 12x12 VFT w/ yellow glue	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B3-Glue *321820979-0003A*	Front RR corridor - White multi- colored 12x12 VFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B3-Leveling Compound *321820979-0003B*	Front RR corridor - White multi- colored 12x12 VFT w/ yellow glue	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B4-VFT *321820979-0004*	Front office NW store room (top layer) - White multi- colored 12x12 VFT w/ yellow glue	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B4-Glue *321820979-0004A*	Front office NW store room (top layer) - White multi- colored 12x12 VFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B5-VFT *321820979-0005*	Front office NW store room (bottom layer) - Gray 12x12 BFT w/ yellow glue	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B5-Glue *321820979-0005A*	Front office NW store room (bottom layer) - Gray 12x12 BFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B5-Leveling Compound *321820979-0005B*	Front office NW store room (bottom layer) - Gray 12x12 BFT w/ yellow glue	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 15:33:10

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820979
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333-B6-VFT *321820979-0006*	Mens lower room- NW - Gray 12x12 BFT w/ yellow glue	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B6-Glue *321820979-0006A*	Mens lower room- NW - Gray 12x12 BFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B7-VFT *321820979-0007*	Mens lower room- SW - Gray 12x12 BFT w/ yellow glue	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B7-Glue *321820979-0007A*	Mens lower room- SW - Gray 12x12 BFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B8-VFT *321820979-0008* *No mastic present for analysis*	Temp sign room- SW corner - Red 12x12 VFT w/ yellow mastic	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B9-VFT *321820979-0009*	Temp sign room- N ctr - Red 12x12 VFT w/ yellow mastic	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B9-Mastic *321820979-0009A*	Temp sign room- N ctr - Red 12x12 VFT w/ yellow mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B10-VFT *321820979-0010*	Temp sign room- NW corner - Red 12x12 VFT w/ yellow mastic	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B10-Mastic *321820979-0010A*	Temp sign room- NW corner - Red 12x12 VFT w/ yellow mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B10-Leveling Compound *321820979-0010B*	Temp sign room- NW corner - Red 12x12 VFT w/ yellow mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B11-VFT *321820979-0011*	SE ready room water heater closet - Gray 12x12 BFT w/ yellow glue	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B11-Glue *321820979-0011A*	SE ready room water heater closet - Gray 12x12 BFT w/ yellow glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B12-VBC *321820979-0012*	Front offce- NW - Teal 4" VBC w/ white/ beige glue	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B12-Glue *321820979-0012A*	Front offce- NW - Teal 4" VBC w/ white/ beige glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B13-VBC *321820979-0013*	Front offce- NE - Teal 4" VBC w/ white/ beige glue	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B13-Glue *321820979-0013A*	Front offce- NE - Teal 4" VBC w/ white/ beige glue	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B14-VCB *321820979-0014*	Mens locker room- SW - Teal 4" VBC w/ white/ beige glue	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B14-Glue *321820979-0014A*	Mens locker room- SW - Teal 4" VBC w/ white/ beige glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 15:33:10

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820979
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333-B14-Texture *321820979-0014B*	Mens locker room-SW - Teal 4" VBC w/ white/ beige glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B15-VBC *321820979-0015*	Front office, NW - Teal 4" VBC w/ white/ beige glue	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B15-Glue *321820979-0015A*	Front office, NW - Teal 4" VBC w/ white/ beige glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B16-VCB *321820979-0016*	SW corner - Brown 4" VBC w/ white/ beige glue	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B16-Glue *321820979-0016A*	SW corner - Brown 4" VBC w/ white/ beige glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B17-Drywall *321820979-0017*	Outside supervisors office - Drywall system	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333-B17-Joint Compound *321820979-0017A*	Outside supervisors office - Drywall system	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B18-Drywall *321820979-0018*	Conference room - Drywall system	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
7333-B18-Joint Compound *321820979-0018A*	Conference room - Drywall system	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B19-Plaster *321820979-0019* *No drwall system present for analysis.*	Front RR corridor - Drywall system	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B20 *321820979-0020*	Corridor, east wall - Wall texture on concrete	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
7333-B21 *321820979-0021*	Conference room west wall - Wall texture on concrete	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
7333-B22-Finish Coat *321820979-0022*	Front ready room (above drop ceiling) - Ceiling plaster	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B22-Base Coat *321820979-0022A*	Front ready room (above drop ceiling) - Ceiling plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B23 *321820979-0023*	Conference room (above drop ceiling) - Ceiling plaster	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B24 *321820979-0024*	Loading dock - Ceiling plaster	White/Beige Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
7333-B25 *321820979-0025*	Supervisors office - 2x2 fiberglass ceiling panel	White Fibrous Homogeneous	90% Min. Wool	10% Non-fibrous (Other)	None Detected
7333-B26 *321820979-0026*	Front office - 2x2 rough texture ceiling panels	Gray Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 15:33:10

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820979
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333-B27 *321820979-0027*	Front ready room - 2x2 rough texture ceiling panels	Gray Fibrous Homogeneous	50% Cellulose 20% Min. Wool	20% Perlite 10% Non-fibrous (Other)	None Detected
7333-B28 *321820979-0028*	Front ready room - 2x2 rough texture ceiling panels	White/Beige Fibrous Heterogeneous	40% Cellulose 30% Min. Wool	20% Perlite 10% Non-fibrous (Other)	None Detected
7333-B29 *321820979-0029*	Conference room - 2x2 rough texture ceiling panels	Beige Fibrous Homogeneous	40% Cellulose 40% Min. Wool	10% Perlite 10% Non-fibrous (Other)	None Detected
7333-B30 *321820979-0030*	Front ready room above drop ceiling - Brown ceiling tile mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B31 *321820979-0031*	Brown ceiling tile mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B32-Ceiling Tile *321820979-0032*	Conference room (above drop ceiling) - Brown ceiling tile mastic	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
7333-B32-Mastic *321820979-0032A*	Conference room (above drop ceiling) - Brown ceiling tile mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B32-Texture *321820979-0032B*	Conference room (above drop ceiling) - Brown ceiling tile mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B33 *321820979-0033*	Exterior walls- NE - Whitre wall texture coat on concrete	Gray/White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
7333-B34 *321820979-0034*	Exterior walls- S side - Whitre wall texture coat on concrete	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B35 *321820979-0035*	Exterior walls- S side - Whitre wall texture coat on concrete	Tan/White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B36 *321820979-0036*	Exterior walls- N side - Whitre wall texture coat on concrete	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B37-Caulking *321820979-0037*	Roof panels at screws - Gray roof caulk (w/mastic)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B37-Mastic 1 *321820979-0037A*	Roof panels at screws - Gray roof caulk (w/mastic)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B37-Mastic 2 *321820979-0037B*	Roof panels at screws - Gray roof caulk (w/mastic)	Gray/Black Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
7333-B38-Caulking *321820979-0038*	Roof panels at screws - Gray roof caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B38-Mastic *321820979-0038A*	Roof panels at screws - Gray roof caulk	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7333-B39-Caulk *321820979-0039*	Gray roof caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/14/2018 15:33:10

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820979
Customer ID: CLAR53
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7333-B39-Mastic *321820979-0039A*	Gray roof caulk	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
Kieu-anh Pham Duong (23)
Rosa Mendoza (44)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/14/2018 15:33:10

OrderID: 321820979

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

321820979#

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	ROBERT CLARK	8-27-18	39 LAYERS	1		3

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: OFFICE BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-1	WHITE MULTI-COLORED 12X12 VFT W/ YELLOW GLUE	1	CONFERENCE ROOM, SE	GOOD	NO	1250 □
B-2		1	FRONT READY ROOM, EAST			
B-3		1	FRONT RR CORRIDOR,			
B-4		1	FRONT OFFICE NW STORE ROOM (TOP LAYER)			
B-5	GRAY 12X12 VFT W/ YELLOW GLUE	2	(BOTTOM LAYER)	GOOD	NO	~~500 □~~ ~600 □
B-6	GRAY 12X12 VFT W/ YELLOW GLUE	2	MENS LOCKER ROOM - NW			
B-7		2	- SW			
B-8	RED 12X12 VFT W/ YELLOW MASTIC	3	TEMP SIGN ROOM - SW CORNER	FAIR	NO	327 □
B-9		3	- N. CTR			
B-10		3	- NW CORNER			
B-11	GRAY 12X12 VFT W/ YELLOW GLUE	2	SE READY ROOM WATER HEATER CLOSET	FAIR	NO	~600 □
B-12	TEAL 4" VBC W/ WHITE/BEIGE GLUE	4	FRONT OFFICE - NW	GOOD	NO	~200 □
B-13		4	FRONT OFFICE NE			
B-14		4	MENS LOCKER ROOM - SW			

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS: VFT = VINYL FLOOR TILE
VBC = VINYL BASE COVE

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	9-6-18 @ 2:30pm
Received by:	**Date & Time**
(WL)	9/7/18 1455

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820979

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Requested Turn around time

321820979#

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	ROBERT CLARK	8-27-18	39+LAYERS	2		3

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: OFFICE BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-15	TEAL 4" VBC WITH WHITE/BEIGE GLUE	4	FRONT OFFICE, NW	GOOD	NO	200SF
B-16	BROWN 4" VBC W/ WHITE/BEIGE GLUE	4	SW CORNER	↓	↓	↓
B-17	DRYWALL SYSTEM	5	OUTSIDE SUPERVISORS OFFICE	GOOD	NO	1,000SF
B-18	↓	5	CONFERENCE ROOM	↓	↓	↓
B-19	↓	5	FRONT RR CORRIDOR	↓	↓	↓
B-20	WALL TEXTURE ON CONCRETE	6	CORRIDOR, EAST WALL	GOOD	NO	10,000SF
B-21	↓	6	CONFERENCE ROOM WEST WALL	↓	↓	↓
B-22	CEILING PLASTER	7	FRONT READY ROOM (ABOVE DROP CEILING)	FAIR	NO	1,600SF
B-23	↓	7	CONFERENCE ROOM (ABOVE DROP CEILING)	↓	↓	↓
B-24	↓	7	LOADING DOCK	↓	↓	↓
B-25	2x2 FIBERGLASS CEILING PANEL	8	SUPERVISORS OFFICE	GOOD	YES	200SF
B-26	2x2 ROUGH TEXTURE CEILING PANELS	9	FRONT OFFICE	GOOD	NO	1,600SF
B-27	↓	9	FRONT READY ROOM	↓	↓	1,600SF
B-28	↓	9	FRONT READY ROOM	↓	↓	↓

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	8-6-18 @ 2:30pm
Received by:	**Date & Time**
Omokissook (WI)	9/7/18 1455

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

OrderID: 321820979

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

321820979#

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02	ROBERT CLARK	8-27-18	39+LAYERS	3		3

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: OFFICE BUILDING

Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-29	2x2 ROUGH TEXTURE CEILING PANELS	9	CONFERENCE ROOM	GOOD	NO	~1,600 SF
B-30	BROWN CEILING TILE MASTIC	10	FRONT REATIL ROOM ABOVE DROP CEILING	FAIR	NO	~1,400 SF
B-31		10				
B-32		10	CONFERENCE ROOM ABOVE DROP CEILING			
B-33	WHITE WALL TEXTURE COAT ON CONCRETE	11	EXTERIOR WALLS - NE	FAIR	NO	~10,000 SF
B-34		11	- S. SIDE			
B-35		11	- S. SIDE			
B-36		11	- N. SIDE			
B-37	GRAY ROOF CAULK (W/MASTIC)	12/13	ROOF PANELS AT SCREWS			~100 CAULK ~5 MASTIC
B-38	GRAY ROOF CAULK	12				~100
B-39		12				

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:		Date & Time
		9-6-18 @ 2:30pm
Received by:		**Date & Time**

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321820648
Customer ID: CLAR53
Customer PO:
Project ID:

Attention: Robert Clark
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 402-7051
Fax: (818) 727-2556
Received Date: 09/07/2018 2:55 PM
Analysis Date: 09/14/2018
Collected Date: 08/28/2018

Project: 1027333.02/ Lincoln Heights Jail Site 401 North Avenue 19, Los Angeles, CA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
733 B-1-Drywall *321820648-0001*	Interior walls- SW wall - Drywall system	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
733 B-1-Joint Compound *321820648-0001A*	Interior walls- SW wall - Drywall system	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
733 B-1-Mesh *321820648-0001B*	Interior walls- SW wall - Drywall system	Yellow Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
733 B-2-Drywall *321820648-0002*	Interior walls- bathroom wall - Drywall system	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
733 B-2-Joint Compound *321820648-0002A*	Interior walls- bathroom wall - Drywall system	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
733 B-2-Mesh *321820648-0002B*	Interior walls- bathroom wall - Drywall system	Yellow Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
733 B-3 *321820648-0003*	Interior walls- west wall - Drywall system	Brown/White Non-Fibrous Homogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected

Analyst(s)

Humberto Espinoza (1)
Julie Vong (6)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 09/14/2018 13:56:43

OrderID: 321820648

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820648

Requested Turn around time

5 DAYS

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #		Total Pages
1027333.02	C. GOERRISSEN	8-28-18	3 + LAYERS	1	Of	1

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: WAREHOUSE BUILDING Lab Submitted to: LA TESTING

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
7333 B-1	DRYWALL SYSTEM	1	INTERIOR WALLS - SW WALL	GOOD	NO	2,000 SF
B-2	✓	1	✓ - BATHROOM WALL	✓	✓	✓
B-3	✓	1	✓ - WEST WALL	✓	✓	✓

CONDITION CODE			FRIABLE CODE		HOMOGENEOUS CODE	QUANTITY CODE	
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft.	LF= LINEAR Ft.

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
[signature]	9-6-18 @ 2:30pm
Received by:	**Date & Time**
OMAKISSOOK (WI)	9/7/18 1455

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

APPENDIX B

LABORATORY PAINT CHIP RESULTS

`

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-1	*321820661-0001*	8/23/2018	9/11/2018	340 ppm
	Site: East Side at Entry Desc: Green Paint - Exterior Stairs			
7333 PC-2	*321820661-0002*	8/23/2018	9/11/2018	23000 ppm
	Site: East Door to Judges Room Desc: Gray Paint - Exterior Door & Casing			
7333 PC-3	*321820661-0003*	8/23/2018	9/11/2018	110000 ppm
	Site: South Doors to Basement Desc: Gray Paint - Exterior Door & Casing			
7333 PC-4	*321820661-0004*	8/23/2018	9/11/2018	22000 ppm
	Site: South Exterior by Basement Desc: Gray Paint - Exterior Handrails			
7333 PC-5	*321820661-0005*	8/23/2018	9/11/2018	45000 ppm
	Site: West Exterior by NW Loading Dock Desc: Gray/Red Paint - Ext. Handrails			
7333 PC-6	*321820661-0006*	8/23/2018	9/11/2018	200000 ppm
	Site: South Window by Basement Entry Desc: Beige Paint - Exterior Window Frames			
7333 PC-7	*321820661-0007*	8/23/2018	9/11/2018	170000 ppm
	Site: South Window by Basement Entry Desc: Beige Paint - Exterior Window Bars			
7333 PC-8	*321820661-0008*	8/23/2018	9/11/2018	16000 ppm
	Site: South Side at SW Corner Desc: Beige Paint - Exterior Window Frames			
7333 PC-9	*321820661-0009*	8/23/2018	9/11/2018	490 ppm
	Site: SW Exterior at 1st Floor Desc: Beige Paint - Exterior Walls			
7333 PC-10	*321820661-0010*	8/23/2018	9/11/2018	40000 ppm
	Site: East Side Above Awening Desc: Beige Paint - Exterior Walls			
7333 PC-11	*321820661-0011*	8/23/2018	9/11/2018	30000 ppm
	Site: Penthouse on East Door Desc: Beige Paint - Roof/Penthouse Doors & Casings			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-12	*321820661-0012*	8/23/2018	9/11/2018	77000 ppm
	Site: Elevator Penthouse Ladder Desc: Beige Paint - Roof/Penthouse Doors & Casings			
7333 PC-13	*321820661-0013*	8/23/2018	9/11/2018	15000 ppm
	Site: Penthouse Stairwell by SW Wall Desc: Beige Paint - Interior Walls			
7333 PC-14	*321820661-0014*	8/23/2018	9/11/2018	240 ppm
	Site: Roof Top South Ext. at W Corner Desc: Beige/Gray Paint - Exterior Walls			
7333 PC-15	*321820661-0015*	8/23/2018	9/11/2018	1300 ppm
	Site: Rooftop Parapet Wall at East Side Desc: Green Paint - Roof Parapet Walls			
7333 PC-16	*321820661-0016*	8/23/2018	9/11/2018	9200 ppm
	Site: Rooftop Penthouse Walls Desc: Beige Paint - Exterior Walls			
7333 PC-17	*321820661-0017*	8/23/2018	9/11/2018	30000 ppm
	Site: Rooftop SE Yard NW Walls Desc: Beige Paint - Wind Walls			
7333 PC-18	*321820661-0018*	8/23/2018	9/11/2018	25000 ppm
	Site: Rooftop Fan Units S&W Desc: Beige Paint - Fan Units			
7333 PC-19	*321820661-0019*	8/23/2018	9/11/2018	11000 ppm
	Site: Low Roof (2nd Floor) Fan Units Desc: Beige/Gray Paint - Fam Units			
7333 PC-20	*321820661-0020*	8/23/2018	9/11/2018	<100 ppm
	Site: SE Roof Yard Desc: Silver Roof Coating - Roof Top			
7333 PC-21	*321820661-0021*	8/23/2018	9/11/2018	<100 ppm
	Site: Roof Walkway & Loading Dock Ramps Desc: Brown Texture Coat - Exterior Walkways			
7333 PC-22	*321820661-0022*	8/23/2018	9/11/2018	200 ppm
	Site: 5th Floor Corridors Desc: Gray Paint - Floors			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-23	*321820661-0023*	8/23/2018	9/11/2018	19000 ppm
	Site: 5th Floor South Corridor Desc: Gray Paint - Interior Walls			
7333 PC-24	*321820661-0024*	8/23/2018	9/11/2018	<1000 ppm
	Site: 5th Floor South Corridor Desc: Beige Paint - Interior Ceilings			
7333 PC-25	*321820661-0025*	8/23/2018	9/11/2018	26000 ppm
	Site: 5th Floor Doors to Pipe Chases (South) Desc: Beige/Green Paint - Chase Doors & Casings			
7333 PC-26	*321820661-0026*	8/23/2018	9/11/2018	1800 ppm
	Site: 5th Floor Doors @ t/w Offices Desc: Beige/Green Paint - Interior Doors Offices			
7333 PC-27	*321820661-0027*	8/23/2018	9/12/2018	48000 ppm
	Site: 5th Floor Doors @ t/w Offices Desc: White/Red Paint - Interior Doors Casings			
7333 PC-28	*321820661-0028*	8/23/2018	9/12/2018	34000 ppm
	Site: 5th Floor Doors to Pipe Chases (North) Desc: Beige/Green Paint - Chase Doors & Casings			
7333 PC-29	*321820661-0029*	8/23/2018	9/12/2018	86000 ppm
	Site: 5th Floor South Windows Desc: Beige Paint - Interior Windows			
7333 PC-30	*321820661-0030*	8/23/2018	9/12/2018	1100 ppm
	Site: 5th Floor North Windows Desc: Beige/Green Paint - Interior Windows			
7333 PC-31	*321820661-0031*	8/23/2018	9/12/2018	270 ppm
	Site: 4th Floor North Desc: Beige/Gray Paint - Interior Walls			
7333 PC-32	*321820661-0032*	8/23/2018	9/12/2018	1300 ppm
	Site: 4th Floor North Corridor Desc: Beige Paint - Interior Ceiling			
7333 PC-33	*321820661-0033*	8/23/2018	9/12/2018	2400 ppm
	Site: 4th Floor South Desc: Beige Paint - Interior Walls			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-34	*321820661-0034*	8/23/2018	9/12/2018	200 ppm
	Site: 4th Floor South Corridor Desc: Beige Paint - Interior Ceilings			
7333 PC-35	*321820661-0035*	8/23/2018	9/12/2018	260 ppm
	Site: 4th Floor South Corridor Desc: Beige/Green Paint - Interior Ceilings			
7333 PC-36	*321820661-0036*	8/23/2018	9/12/2018	590 ppm
	Site: 4th Floor North Desc: Beige/Gray Paint - Door Casings			
7333 PC-37	*321820661-0037*	8/23/2018	9/12/2018	42000 ppm
	Site: 4th Floor Pipe Chases - South Desc: Beige/Green/Red Paint - Chase Doors & Casings -			
7333 PC-38	*321820661-0038*	8/23/2018	9/12/2018	800 ppm
	Site: 4th Floor West Windows Desc: Beige Paint - Interior Windows			
7333 PC-39	*321820661-0039*	8/23/2018	9/12/2018	1200 ppm
	Site: 3rd Floor SW Bathroom Desc: Beige/Gray Paint - Interior Walls			
7333 PC-40	*321820661-0040*	8/23/2018	9/12/2018	3500 ppm
	Site: 3rd Floor SE Desc: Beige/Green Paint - Interior Walls			
7333 PC-41	*321820661-0041*	8/23/2018	9/12/2018	1800 ppm
	Site: 3rd Floor SE Desc: Beige/Green Paint - Interior Ceilings			
7333 PC-42	*321820661-0042*	8/23/2018	9/12/2018	2500 ppm
	Site: 3rd Floor NW Area Desc: Beige/Gray Paint - Door Casings			
7333 PC-43	*321820661-0043*	8/23/2018	9/12/2018	3500 ppm
	Site: 3rd Floor - East Desc: Beige Paint - Door Casings			
7333 PC-44	*321820661-0044*	8/23/2018	9/12/2018	10000 ppm
	Site: 3rd Floor Chase Doors Desc: Green Paint - Doors & Casings			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-45	*321820661-0045*	8/23/2018	9/12/2018	120000 ppm
	Site: 3rd Floor West Center Desc: Beige/Orange Paint - Security Bars			
7333 PC-46	*321820661-0046*	8/23/2018	9/12/2018	1200 ppm
	Site: 3rd Floor West Side Windows Desc: Beige/Black Paint - Interior Windows			
7333 PC-47	*321820661-0047*	8/23/2018	9/12/2018	220 ppm
	Site: 2nd Floor Elevator Lobby Desc: Gray Paint - Interior Floors			
7333 PC-48	*321820661-0048*	8/23/2018	9/12/2018	170 ppm
	Site: 2nd Floor West Offices Desc: Green Paint - Interior Floors			
7333 PC-49	*321820661-0049*	8/23/2018	9/12/2018	170 ppm
	Site: 8th Floor South Elevator Lobby Desc: Beige/Green Paint (Thick) - Interior Walls			
7333 PC-50	*321820661-0050*	8/23/2018	9/12/2018	2500 ppm
	Site: 2nd Floor Cell Walls Desc: Beige Paint - Interior Walls			
7333 PC-51	*321820661-0051*	8/23/2018	9/12/2018	360 ppm
	Site: 2nd Floor West Wall Cell Walls Desc: Beige/Pink Paint - Interior Walls			
7333 PC-52	*321820661-0052*	8/23/2018	9/12/2018	2300 ppm
	Site: 2nd Floor South Side Desc: Beige/Green Paint - Interior Ceilings			
7333 PC-53	*321820661-0053*	8/23/2018	9/12/2018	1800 ppm
	Site: 2nd Floor Interior Doors Desc: Beige Paint - Wood Doors to RR's & Offices			
7333 PC-54	*321820661-0054*	8/23/2018	9/12/2018	22000 ppm
	Site: 2nd Floor Metal Doors From Corridor Desc: Beige Paint - Doors to Day Rooms			
7333 PC-55	*321820661-0055*	8/23/2018	9/12/2018	100000 ppm
	Site: 2nd Floor Doors to Pipe Chases Desc: Green/Orange Paint - Chase Doors & Casings			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-56	*321820661-0056*	8/23/2018	9/12/2018	17000 ppm
	Site: 2nd Floor West Middle Area Desc: Blue Paint - Security Bars			
7333 PC-57	*321820661-0057*	8/23/2018	9/12/2018	12000 ppm
	Site: 2nd Floor South Side Desc: Black Paint - Security Bars			
7333 PC-58	*321820661-0058*	8/23/2018	9/13/2018	15000 ppm
	Site: 2nd Floor East Side at Day Room Desc: Beige Paint - Security Bars			
7333 PC-59	*321820661-0059*	8/23/2018	9/13/2018	800 ppm
	Site: 2nd Floor Offices & Bathrooms Desc: Gray/Beige Paint - Casework			
7333 PC-60	*321820661-0060*	8/23/2018	9/13/2018	1200 ppm
	Site: 1st Floor Receiving Room Desc: Gray/Beige Paint - Interior Walls			
7333 PC-61	*321820661-0061*	8/23/2018	9/13/2018	5300 ppm
	Site: 1st Floor SW Office Desc: Beige Paint - Interior Walls			
7333 PC-62	*321820661-0062*	8/23/2018	9/13/2018	450 ppm
	Site: 1st Floor SW Rooms Desc: Green Paint - Interior Walls			
7333 PC-63	*321820661-0063*	8/23/2018	9/13/2018	14000 ppm
	Site: 1st Floor SW Rooms Desc: Beige Paint - Interior Walls			
7333 PC-64	*321820661-0064*	8/23/2018	9/13/2018	9900 ppm
	Site: 1st Floor West Side Storage Room Desc: Green Paint - Interior Walls			
7333 PC-65	*321820661-0065*	8/23/2018	9/13/2018	<100 ppm
	Site: 1st Floor SE Area Desc: Beige Paint - Interior Walls			
7333 PC-66	*321820661-0066*	8/23/2018	9/13/2018	1100 ppm
	Site: 1st Floor East Side Desc: Blue/Beige Paint - Interior Walls			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-67	*321820661-0067*	8/23/2018	9/13/2018	4500 ppm
	Site: 1st Floor SE Storage Desc: Pink/Beige Paint - Interior Walls			
7333 PC-68	*321820661-0068*	8/23/2018	9/13/2018	<100 ppm
	Site: 1st Floor Bookkeeping Room - East Desc: Beige/Green Paint - Interior Walls			
7333 PC-69	*321820661-0069*	8/23/2018	9/13/2018	2100 ppm
	Site: 1st Floor SW Office Desc: Tan/Beige Paint - Interior Walls			
7333 PC-70	*321820661-0070*	8/23/2018	9/13/2018	2200 ppm
	Site: 1st Floor SE Storage Desc: Gray/Beige Paint - Interior Walls			
7333 PC-71	*321820661-0071*	8/23/2018	9/13/2018	1300 ppm
	Site: 1st Floor South Corridor Desc: Blue/Green Paint - Interior Walls			
7333 PC-72	*321820661-0072*	8/23/2018	9/13/2018	<100 ppm
	Site: 1st Floor Kitchen by Walk-In Fridge Desc: Blue Paint - Interior Walls			
7333 PC-73	*321820661-0073*	8/23/2018	9/13/2018	2600 ppm
	Site: 1st Floor Kitchen at Entrance Desc: Blue Paint - Interior Walls			
7333 PC-74	*321820661-0074*	8/23/2018	9/13/2018	<100 ppm
	Site: 1st Floor by Evidence Room Desc: Blue/Beige Paint - Interior Columns			
7333 PC-75	*321820661-0075*	8/23/2018	9/13/2018	430 ppm
	Site: 1st Floor Center Corridor Desc: Beige/Green - Interior Ceilings			
7333 PC-76	*321820661-0076*	8/23/2018	9/13/2018	1300 ppm
	Site: 1st Floor Jail Area Corridor Desc: Beige/Blue Paint - Interior Ceilings			
7333 PC-77	*321820661-0077*	8/23/2018	9/13/2018	2400 ppm
	Site: 1st Floor SW Door by Office 3 Desc: Beige/Red Paint - Interior Doors			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-78	*321820661-0078*	8/23/2018	9/14/2018	210 ppm
	Site: 1st Floor SE Office Desc: Blue/Beige Paint - Interior Doors/Casings			
7333 PC-79	*321820661-0079*	8/23/2018	9/14/2018	<100 ppm
	Site: 1st Floor East Side Desc: Tan/Beige Paint - Interior Doors/Casings			
7333 PC-80	*321820661-0080*	8/23/2018	9/14/2018	330 ppm
	Site: 1st Floor Kitchen SW Desc: Green/Beige Paint - Interior Doors/Casings			
7333 PC-81	*321820661-0081*	8/23/2018	9/14/2018	1100 ppm
	Site: 1st Floor SE Office Desc: Yellow/Beige Paint - Casework			
7333 PC-82	*321820661-0082*	8/23/2018	9/14/2018	17000 ppm
	Site: 1st Floor Corridor Desc: Green/Red Paint - Security Bars			
7333 PC-83	*321820661-0083*	8/23/2018	9/14/2018	3400 ppm
	Site: 1st Floor SE Desc: White Paint - Security Bars			
7333 PC-84	*321820661-0084*	8/23/2018	9/14/2018	33000 ppm
	Site: 1st Floor SE Office Desc: Beige Paint - Interior Windows			
7333 PC-85	*321820661-0085*	8/23/2018	9/14/2018	2700 ppm
	Site: Basement Center Corridor Desc: Beige Paint - Interior Walls			
7333 PC-86	*321820661-0086*	8/23/2018	9/14/2018	960 ppm
	Site: Basement South Corridor Desc: Green Paint - Interior Walls			
7333 PC-87	*321820661-0087*	8/23/2018	9/14/2018	4400 ppm
	Site: Basement SE Perimeter Wall Desc: Green Paint - Interior Walls			
7333 PC-88	*321820661-0088*	8/23/2018	9/14/2018	1200 ppm
	Site: Basement Corridor Ceiling Hatch Desc: Beige Paint - Elec. Panel Hatch			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-89	*321820661-0089*	8/23/2018	9/14/2018	53000 ppm
	Site: Basement Freight Elevator Desc: Gray/Red Paint - Elevator Doors & Casing			
7333 PC-90	*321820661-0090*	8/23/2018	9/14/2018	2300 ppm
	Site: Basement /South Fan/Generator Room Desc: Gray Paint - Fan Unit/Ducting			
7333 PC-91	*321820661-0091*	8/23/2018	9/14/2018	6400 ppm
	Site: Basement Fire Door To Fumigator Rm Desc: Brown Paint - Fire Door			
7333 PC-92	*321820661-0092*	8/23/2018	9/14/2018	16000 ppm
	Site: Basement by Fumigation Room Desc: Gray Paint - Interior Doors & Casings			
7333 PC-93	*321820661-0093*	8/23/2018	9/14/2018	81000 ppm
	Site: Basement Fumigation Room Desc: Black Paint - Fumigation Tanks			
7333 PC-94	*321820661-0094*	8/23/2018	9/14/2018	82000 ppm
	Site: Basement Laundry Room Desc: Black Paint - Washing Machines			
7333 PC-95	*321820661-0095*	8/23/2018	9/14/2018	120000 ppm
	Site: Basement SE Windows Desc: Beige Paint - Security Bars			
7333 PC-96	*321820661-0096*	8/23/2018	9/14/2018	3000 ppm
	Site: Basement Kitchen Ceiling Pipes Desc: Black/Beige Paint - Pipes			
7333 PC-97	*321820661-0097*	8/23/2018	9/14/2018	1100 ppm
	Site: Office Bldg. Exterior Walls Desc: Beige/Pink Paint - Exterior Walls			
7333 PC-98	*321820661-0098*	8/23/2018	9/14/2018	<100 ppm
	Site: Rooftop Vents, Lights, Fan Cap - Office Bldg Desc: Mauve Paint - Roof Vents Fascia & Light Poles			
7333 PC-99	*321820661-0099*	8/23/2018	9/14/2018	340 ppm
	Site: Office Bldg. Corridor on Lower Walls Desc: Green Paint - Rub Rails			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com pasadenalab@latesting.com

LA Testing Order: 321820661
CustomerID: CLAR53
CustomerPO:
ProjectID:

Attn: **Christian Goerrissen**
Clark Seif Clark
PO Box 4299
Chatsworth, CA 91313

Phone: (818) 727-2553
Fax: (818) 727-2556
Received: 09/07/18 2:55 PM
Collected: 8/23/2018

Project: **1027333.02 | Lincoln Heights Jail Site | 401 North Avenue 19 | Los Angeles, CA 90031**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7333 PC-100	*321820661-0100*	8/23/2018	9/14/2018	<100 ppm
	Site: Office Bldg. Front Ready Room - South Desc: White Paint - Interior Walls			
7333 PC-101	*321820661-0101*	8/23/2018	9/14/2018	400 ppm
	Site: Office Bldg. Front Ready Room - East Desc: Whie/Green Paint - Interior Walls			
7333 PC-102	*321820661-0102*	8/23/2018	9/14/2018	<100 ppm
	Site: Office Bldg - Corridor Walls Desc: White Paint - Interior Walls			
7333 PC-103	*321820661-0103*	8/23/2018	9/14/2018	<100 ppm
	Site: Office Bldg - Corridor West Wall Desc: White Paint - Interior Walls			
7333 PC-104	*321820661-0104*	8/23/2018	9/14/2018	<100 ppm
	Site: Movie Sign Room Walls - Office Bldg Desc: White Paint - Interior Walls			
7333 PC-105	*321820661-0105*	8/23/2018	9/14/2018	1900 ppm
	Site: Office Bldg. Men's Locker Room Desc: Whie/Green Paint - Interior Walls			
7333 PC-106	*321820661-0106*	8/23/2018	9/14/2018	6800 ppm
	Site: Office Bldg - Corridor Door to No Stopping Signs Desc: Green Paint - Interior Door Casings			
7333 PC-107	*321820661-0107*	8/23/2018	9/14/2018	3200 ppm
	Site: Office Bldg - Front Ready Room Desc: White Paint - Interior Door Casings			
7333 PC-108	*321820661-0108*	8/23/2018	9/14/2018	69000 ppm
	Site: Warehouse Bldg - Bollards Desc: Yellow Paint - Bollards			
7333 PC-109	*321820661-0109*	8/23/2018	9/14/2018	150 ppm
	Site: Warehouse Bldg - Interior Walls Desc: Beige Paint - Walls			

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 09/14/2018 11:59:24

OrderID: 321820661

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Requested Turn around time: 5 DAYS

Chain of Custody Form- Paint Chip Sampling

CSC Job #	Sampling By	Date Taken	# Samples	Page #		Total Pages
1027333.02	Christian Goerrissen	8-23-28-18	109	1	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-1	GREEN PAINT	EXTERIOR STAIRS	EAST SIDE AT ENTRY	CONCRETE	PEELING
7333 PC-2	GRAY PAINT	EXTERIOR DOOR & CASING	EAST DOOR TO JUDGES ROOM	METAL	INTACT
7333 PC-3	GRAY PAINT	EXTERIOR DOOR & CASING	SOUTH DOORS TO BASEMENT	METAL	PEELING
7333 PC-4	GRAY PAINT	EXTERIOR HANDRAILS	SOUTH EXTERIOR BY BASEMENT	METAL	INTACT
7333 PC-5	GRAY/RED PAINT	EXT. HANDRAILS	WEST EXTERIOR BY NW LOADING DOCK	METAL	INTACT
7333 PC-6	BEIGE PAINT	EXTERIOR WINDOW FRAMES	SOUTH WINDOW BY BASEMENT ENTRY	METAL	PEELING
7333 PC-7	BEIGE PAINT	EXTERIOR WINDOW BARS	↓	↓	↓
7333 PC-8	BEIGE PAINT	EXTERIOR WINDOW FRAMES	SOUTH SIDE AT SW CORNER	↓	↓
7333 PC-9	BEIGE PAINT	EXTERIOR WALLS	SW EXTERIOR AT 1ST FLOOR	CONCRETE	PEELING
7333 PC-10	BEIGE PAINT	↓	EAST SIDE ABOVE AWNING	↓	↓
7333 PC-11	BEIGE PAINT	ROOF/PENTHOUSE DOORS & CASINGS	PENTHOUSE ON EAST DOOR	METAL	PEELING
7333 PC-12	BEIGE PAINT	ROOF/PENTHOUSE LADDERS	ELEVATOR PENTHOUSE LADDER	METAL	PEELING
7333 PC-13	BEIGE PAINT	INTERIOR WALLS	PENTHOUSE STAIRWELL BY SW WALL	PLASTER	PEELING
7333 PC-14	BEIGE/GRAY PAINT	EXTERIOR WALLS	ROOFTOP SOUTH EXT. AT W. CORNER	CONCRETE	PEELING
7333 PC-15	GREEN PAINT	ROOF PARAPET WALLS	ROOFTOP PARAPET WALL AT EAST SIDE	CONCRETE	PEELING

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS: MOST PAINTED SURFACES ARE COVERED WITH MANY LAYERS & COLORS OF SPRAY PAINT

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received By:	**Date & Time**
Brookissook (WE)	9/7/18 1455

Clark Seif Clark- 21732 Devonshire St., 2nd Floor, Chatsworth, CA 91311- Ph (818) 727-2553, Fax (818) 727-2556

White Copy- CSC
Yellow Copy- Laboratory
Pink Copy- Client

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Requested Turn around time: 5 DAYS

Chain of Custody Form- Paint Chip Sampling

CSC Job #	Sampling By	Date Taken	# Samples	Page #	of	Total Pages
1027333.02	Christian Goerrissen	8/23-28/18	109	2	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-16	BEIGE PAINT	EXTERIOR WALLS	ROOFTOP PENTHOUSE WALLS	CONCRETE	PEELING
7333 PC-17	BEIGE PAINT	WINDOWALLS	ROOFTOP SE YARD N/W WALLS	METAL	INTACT
7333 PC-18	BEIGE PAINT	FAN UNITS	ROOFTOP FAN UNITS S & W	METAL	PEELING
7333 PC-19	BEIGE/GRAY PAINT	FAN UNITS	LOW ROOF (2ND FLOOR) FAN UNIT	METAL	PEELING
7333 PC-20	SILVER ROOF COATING	ROOF TOP	SE ROOF YARD	ASPHALT	INTACT
7333 PC-21	BROWN TEXTURE COAT	EXTERIOR WALKWAYS	ROOF WALKWAY & LOADING DOCK RAMPS	~~ASPH~~ CONCRETE	INTACT
7333 PC-22	GRAY PAINT	FLOORS	5TH FLOOR CORRIDORS	CONCRETE	INTACT
7333 PC-23	GRAY PAINT	INTERIOR WALLS	5TH FLOOR SOUTH CORRIDOR	PLASTER	PEELING
7333 PC-24	BEIGE PAINT	INTERIOR CEILINGS	5TH FLOOR SOUTH CORRIDOR	CONCRETE	PEELING
7333 PC-25	BEIGE/GREEN PAINT	CHASE DOORS & CASINGS	5TH FLOOR DOORS TO PIPE CHASES (SOUTH)	METAL	INTACT
7333 PC-26	BEIGE/GREEN PAINT	INTERIOR DOORS & ~~CASINGS TO~~ OFFICES	5TH FLOOR DOORS @ N/W OFFICES	WOOD	INTACT
7333 PC-27	WHITE/RED PAINT	INTERIOR DOOR CASINGS	↓	METAL	INTACT
7333 PC-28	BEIGE/GREEN PAINT	CHASE DOORS & CASINGS	5TH FLOOR DOORS TO PIPE CHASES (NORTH)	METAL	INTACT
7333 PC-29	BEIGE PAINT	INTERIOR WINDOWS	5TH FLOOR SOUTH WINDOWS	METAL	PEELING
7333 PC-30	BEIGE/GREEN PAINT	↓	5TH FLOOR NORTH WINDOWS	METAL	PEELING

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS:

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received By:	**Date & Time**

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Requested Turn around time: 5 DAYS

Chain of Custody Form- Paint Chip Sampling

CSC Job #	Sampling By	Date Taken	# Samples	Page #		Total Pages
1027333.02	Christian Goerrissen	8/23 - 28/18	109	3	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-31	BEIGE/GRAY PAINT	INTERIOR WALLS	4TH FLOOR NORTH	PLASTER	PEELING
7333 PC-32	BEIGE PAINT	INTERIOR CEILING	4TH FLOOR NORTH CORRIDOR	PLASTER	PEELING
7333 PC-33	BEIGE PAINT	INTERIOR WALLS	4TH FLOOR SOUTH	PLASTER	PEELING
7333 PC-34	BEIGE PAINT	INTERIOR CEILINGS	4TH FLOOR SOUTH CORRIDOR	~~CONCRETE~~ PLASTER	PEELING
7333 PC-35	BEIGE/GREEN PAINT	↓	↓	CONCRETE	PEELING
7333 PC-36	BEIGE/GRAY PAINT	DOOR CASINGS	4TH FLOOR NORTH	METAL	PEELING
7333 PC-37	BEIGE/GREEN/RED PAINT	CHASE DOORS & CASINGS	4TH FLOOR PIPE CHASES - SOUTH	METAL	INTACT
7333 PC-38	BEIGE PAINT	INTERIOR WINDOWS	4TH FLOOR WEST WINDOWS	METAL	PEELING
7333 PC-39	BEIGE/GRAY PAINT	INTERIOR WALLS	3RD FLOOR SW BATHROOM	CONCRETE	PEELING
7333 PC-40	BEIGE/GREEN PAINT	INTERIOR WALLS	3RD FLOOR SE	CONCRETE	PEELING
7333 PC-41	BEIGE/GREEN PAINT	INTERIOR CEILINGS	3RD FLOOR SE	CONCRETE	PEELING
7333 PC-42	BEIGE/GRAY PAINT	DOOR CASINGS	3RD FLOOR NW AREA	METAL	PEELING
7333 PC-43	BEIGE PAINT	DOOR CASINGS	3RD FLOOR - EAST		
7333 PC-44	GREEN PAINT	DOORS & CASINGS	3RD FLOOR CHASE DOORS	METAL	PEELING
7333 PC-45	BEIGE/ORANGE PAINT	SECURITY BARS	3RD FLOOR WEST CENTER	METAL	PEELING

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS:

Relinquished By:	Date & Time
	9-6-18 @ 2:30 PM
Received By:	**Date & Time**

Clark Seif Clark- 21732 Devonshire St., 2nd Floor, Chatsworth, CA 91311- Ph (818) 727-2553, Fax (818) 727-2556

White Copy- CSC
Yellow Copy- Laboratory
Pink Copy- Client

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Chain of Custody Form- Paint Chip Sampling

Requested Turn around time: 5 DAYS

CSC Job #	Sampling By	Date Taken	# Samples	Page #		Total Pages
1027333.02	Christian Goerrissen	8/23-28/18	109	4	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-46	BEIGE/BLACK PAINT	INTERIOR WINDOWS	3RD FLOOR WEST SIDE WINDOWS	METAL	PEELING
7333 PC-47	GRAY PAINT	INTERIOR FLOORS	2ND FLOOR ELEVATOR LOBBY	CONCRETE	INTACT
7333 PC-48	GREEN PAINT	INTERIOR FLOORS	2ND FLOOR WEST OFFICES	CONCRETE	INTACT
7333 PC-49	BEIGE/GREEN PAINT (THICK)	INTERIOR WALLS	2ND FLOOR SOUTH ELEVATOR LOBBY	PLASTER	INTACT
7333 PC-50	BEIGE PAINT	INTERIOR WALLS	2ND FLOOR CELL WALLS	CONCRETE	INTACT
7333 PC-51	BEIGE/PINK PAINT	INTERIOR WALLS	2ND FLOOR WEST WING CELL WALLS	METAL	INTACT
7333 PC-52	BEIGE/GREEN PAINT	INTERIOR CEILINGS	2ND FLOOR SOUTH SIDE	CONCRETE	PEELING
7333 PC-53	BEIGE PAINT	WOOD DOORS TO RR'S & OFFICES	2ND FLOOR INTERIOR DOORS	WOOD	INTACT
7333 PC-54	BEIGE PAINT	DOORS TO DAY ROOMS	2ND FLOOR METAL DOORS FROM CORRIDOR	METAL	PEELING
7333 PC-55	GREEN/ORANGE PAINT	CHASE DOORS & CASINGS	2ND FLOOR DOORS TO PIPE CHASES	METAL	INTACT
7333 PC-56	BLUE PAINT	SECURITY BARS	2ND FLOOR WEST MIDDLE AREA	METAL	INTACT
7333 PC-57	BLACK PAINT	↓	2ND FLOOR SOUTH SIDE	METAL	PEELING
7333 PC-58	BEIGE PAINT	↓	2ND FLOOR EAST SIDE AT DAY ROOM	METAL	PEELING
7333 PC-59	GRAY/BEIGE PAINT	CASEWORK	2ND FLOOR OFFICES & BATHROOMS	WOOD	INTACT
7333 PC-60	GRAY/BEIGE PAINT	INTERIOR WALLS	1ST FLOOR RECEIVING ROOM	PLASTER	INTACT

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS:

Relinquished By:	Date & Time
	9-6-18 @2:30PM
Received By:	**Date & Time**

Clark Seif Clark- 21732 Devonshire St., 2nd Floor, Chatsworth, CA 91311- Ph (818) 727-2553, Fax (818) 727-2556

White Copy- CSC
Yellow Copy- Laboratory
Pink Copy- Client

OrderID: 321820661

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Chain of Custody Form- Paint Chip Sampling

Requested Turn around time: 5 DAYS

CSC Job #	Sampling By	Date Taken	# Samples	Page #		Total Pages
1027333.02	Christian Goerrissen	8/23-28/18	109	5	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-61	BEIGE PAINT	INTERIOR WALLS	1ST FLOOR SW OFFICE	PLASTER	~~INTACT~~ PEELING
7333 PC-62	GREEN PAINT		1ST FLOOR SW ROOMS	PLASTER	PEELING
7333 PC-63	BEIGE PAINT		1ST FLOOR SW ROOMS	PLASTER	PEELING
7333 PC-64	GREEN PAINT		1ST FLOOR WEST SIDE STORAGE ROOM	PLASTER	PEELING
7333 PC-65	BEIGE PAINT		1ST FLOOR SE AREA	PLASTER	INTACT
7333 PC-66	BLUE/BEIGE PAINT		1ST FLOOR EAST SIDE	CONCRETE	INTACT
7333 PC-67	PINK/BEIGE PAINT		1ST FLOOR SE AREA	PLASTER	INTACT
7333 PC-68	BEIGE/GREEN PAINT		1ST FLOOR BOOKKEEPING ROOM - EAST	PLASTER	INTACT
7333 PC-69	TAN/BEIGE PAINT		1ST FLOOR SW OFFICE	PLASTER	INTACT
7333 PC-70	GRAY/BEIGE PAINT		1ST FLOOR SE STORAGE ROOM	PLASTER	INTACT
7333 PC-71	BLUE/GREEN PAINT		1ST FLOOR SOUTH CORRIDOR	CONCRETE	INTACT
7333 PC-72	BLUE PAINT		1ST FLOOR KITCHEN BY WALK-IN FRIDGE	~~PLASTER~~ CONCRETE	PEELING
7333 PC-73	BLUE PAINT		1ST FLOOR KITCHEN AT ENTRANCE	PLASTER	PEELING
7333 PC-74	BLUE/BEIGE PAINT	INTERIOR COLUMNS	1ST FLOOR BY EVIDENCE ROOM	PLASTER	INTACT
7333 PC-75	BEIGE/GREEN PAINT	INTERIOR CEILINGS	1ST FLOOR CENTER CORRIDOR	CONCRETE	PEELING

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS:

Relinquished By:	Date & Time
	9-6-18 @ 2:30pm
Received By:	**Date & Time**

Clark Seif Clark- 21732 Devonshire St., 2nd Floor, Chatsworth, CA 91311- Ph (818) 727-2553, Fax (818) 727-2556

White Copy- CSC
Yellow Copy- Laboratory
Pink Copy- Client

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Requested Turn around time: 5 DAYS

Chain of Custody Form- Paint Chip Sampling

CSC Job #	Sampling By	Date Taken	# Samples	Page #		Total Pages
1027333.02	Christian Goerrissen	8/23-28/18	109	6	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-76	BEIGE/BLUE PAINT	INTERIOR CEILINGS	1ST FLOOR JAIL AREA CORRIDOR	PLASTER	PEELING
7333 PC-77	BEIGE/RED PAINT	INTERIOR DOORS	1ST FLOOR SW DOOR BY OFFICE 3	WOOD	INTACT
7333 PC-78	BLUE/BEIGE PAINT	INTERIOR DOORS / CASINGS	1ST FLOOR SE OFFICE	WOOD	INTACT
7333 PC-79	TAN/BEIGE PAINT	↓	1ST FLOOR EAST SIDE	WOOD	INTACT
7333 PC-80	GREEN/BEIGE PAINT	↓	1ST FLOOR KITCHEN SW	WOOD	INTACT
7333 PC-81	YELLOW/BEIGE PAINT	CASEWORK	1ST FLOOR SE OFFICE	WOOD	INTACT
7333 PC-82	GREEN/RED PAINT	SECURITY BARS	1ST FLOOR CORRIDOR	METAL	INTACT
7333 PC-83	WHITE PAINT	↓	1ST FLOOR SE	METAL	PEELING
7333 PC-84	BEIGE PAINT	INTERIOR WINDOWS	1ST FLOOR SE OFFICE	METAL	PEELING
7333 PC-85	BEIGE PAINT	INTERIOR WALLS	BASEMENT CENTER CORRIDOR	~~PLAS~~ CONCRETE	PEELING
7333 PC-86	GREEN PAINT	↓	BASEMENT SOUTH CORRIDOR	CONCRETE	INTACT
7333 PC-87	GREEN PAINT	↓	BASEMENT SE PERIMETER WALL	CONCRETE	PEELING
7333 PC-88	BEIGE PAINT	~~INTERIOR CEILINGS~~ ELEC. PAPER HATCH	BASEMENT CORRIDOR CEILING HATCH	METAL	INTACT
7333 PC-89	GRAY/RED PAINT	ELEVATOR DOORS & CASING	BASEMENT ~~FREIGHT~~ ELEVATOR	METAL	INTACT
7333 PC-90	GRAY PAINT	FAN UNIT/DUCTING	BASEMENT SOUTH FAN/GENERATOR ROOM	METAL	INTACT

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS:

Relinquished By:	Date & Time
	9-6-18 @2:30pm
Received By:	**Date & Time**

Clark Seif Clark- 21732 Devonshire St., 2nd Floor, Chatsworth, CA 91311- Ph (818) 727-2553, Fax (818) 727-2556

White Copy- CSC
Yellow Copy- Laboratory
Pink Copy- Client

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Requested Turn around time: 5 DAYS

Chain of Custody Form- Paint Chip Sampling

CSC Job #	Sampling By	Date Taken	# Samples	Page #	of	Total Pages
1027333.02	Christian Goerrissen	8/23-28/18	109	7	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-91	BROWN PAINT	FIRE DOOR	BASEMENT FIRE DOOR TO FUMIGATION RM	METAL	PEELING
7333 PC-92	GRAY PAINT	INTERIOR DOORS & CASINGS	BASEMENT BY FUMIGATION ROOM	METAL	PEELING
7333 PC-93	BLACK PAINT	FUMIGATION TANKS	BASEMENT FUMIGATION ROOM	METAL	INTACT
7333 PC-94	BLACK PAINT	WASHING MACHINES	BASEMENT LAUNDRY ROOM	METAL	INTACT
7333 PC-95	BEIGE PAINT	SECURITY BARS	BASEMENT, SE WINDOWS	METAL	PEELING
7333 PC-96	BLACK/BEIGE PAINT	PIPES	BASEMENT KITCHEN CEILING PIPES	METAL	PEELING
7333 PC-97	BEIGE/PINK PAINT	EXTERIOR WALLS	OFFICE BLDG - EXTERIOR WALLS	CONCRETE	INTACT
7333 PC-98	MAUVE PAINT	ROOF VENTS FASCIA & LIGHT POLES	ROOFTOP VENTS, LIGHTS, FAN CAP - OFFICE BLDG	METAL	INTACT
7333 PC-99	GREEN PAINT	RUB RAILS	OFFICE BLDG. CORRIDOR WOOD OR LOWER WALLS		INTACT
7333 PC-100	WHITE PAINT	INTERIOR WALLS	OFFICE BLDG. FRONT READY ROOM - SOUTH	DRYWALL	INTACT
7333 PC-101	WHITE/GREEN PAINT		OFFICE BLDG FRONT READY ROOM - EAST	CONCRETE	INTACT
7333 PC-102	WHITE PAINT		OFFICE BLDG - CORRIDOR WALLS	CONCRETE	INTACT
7333 PC-103	WHITE PAINT		OFFICE BLDG - CORRIDOR WEST WALL	PLASTER	INTACT
7333 PC-104	WHITE PAINT		MOVIE SIGN ROOM WALLS - OFFICE BLDG	CONCRETE	INTACT
7333 PC-105	WHITE/GREEN PAINT		OFFICE BLDG. MEN'S LOCKER ROOM	CONCRETE	INTACT

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS:

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received By:	**Date & Time**

OrderID: 321820661

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

#321820661

Requested Turn around time: 5 DAYS

Chain of Custody Form- Paint Chip Sampling

CSC Job #	Sampling By	Date Taken	# Samples	Page #		Total Pages
1027333.02	Christian Goerrissen	8/23-28/18	109	8	of	8

Job Name & Location	Customer Id No.:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19	Attention: Mr. Brian Milton
Los Angeles, CA 90031	

Sample Analysis: Lead in Paint Chips by Flame AAS (SW 846 3050B/700B) **Lab Submitted to:** LA TESTING

ID #	Paint Description	Paint Combination/Component	Sample Location	Substrate	Condition
7333 PC-106	GREEN PAINT	INTERIOR DOOR CASINGS	OFFICE BLDG - CORRIDOR DOOR TO NO STOPPING SIGNS	METAL	INTACT
7333 PC-107	WHITE PAINT	↓	OFFICE BLDG - FRONT REAR ROOM	METAL	INTACT
7333 PC-108	YELLOW PAINT	BOLLARDS	WAREHOUSE BLDG - BOLLARDS	METAL	INTACT
7333 PC-109	BEIGE PAINT	INTERIOR WALLS	WAREHOUSE BLDG - INTERIOR WALLS	DRYWALL	INTACT
7333 PC-					
7333 PC-					
7333 PC-	END OF SAMPLES				
7333 PC-					
7333 PC-					
7333 PC-					
7333 PC-					
7333 PC-					
7333 PC-					
7333 PC-					
7333 PC-					

CONDITION CODE

I= Intact P= Peeling

INSPECTION COMMENTS:

Relinquished By:	Date & Time
	9-6-18 @ 2:30PM
Received By:	**Date & Time**

Clark Seif Clark- 21732 Devonshire St., 2nd Floor, Chatsworth, CA 91311- Ph (818) 727-2553, Fax (818) 727-2556

White Copy- CSC
Yellow Copy- Laboratory
Pink Copy- Client

APPENDIX C

PCB ANALYTICAL RESULTS

`

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-100687-1
TestAmerica Sample Delivery Group: Jail Building
Client Project/Site: Lincoln Jail

For:
Clark Seif Clark, Inc.
PO BOX 4299
Chatsworth, California 91313

Attn: Robert Clark

Authorized for release by:
9/11/2018 4:56:05 PM

Danielle Roberts, Senior Project Manager
(949)261-1022
danielle.roberts@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 12
Surrogate Summary 57
QC Sample Results 59
QC Association Summary 64
Lab Chronicle 68
Certification Summary 76
Chain of Custody 77

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits
F4	MS/MSD RPD exceeds control limits due to sample size difference.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-100687-1

Laboratory: TestAmerica Canton

Narrative

Job Narrative
240-100687-1

Comments
No additional comments.

Receipt
The samples were received on 9/1/2018 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 9.4º C and 10.2º C.

GC Semi VOA
Method(s) 8082: The following samples were diluted due to the nature of the sample matrix: 240-100687-2, 240-100687-5, 240-100687-6, 240-100687-7 and 240-100687-41. Elevated reporting limits (RLs) are provided.

Method(s) 8082: The following samples were diluted due to the nature of the sample matrix OR abundance of target analytes: 240-100687-2, 240-100687-5, 240-100687-6, 240-100687-7, 240-100687-13, 240-100687-14, 240-100687-17 and 240-100687-41. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8082: The following samples were diluted to bring the concentration of target analytes within the calibration range: 240-100687-13, 240-100687-14 and 240-100687-17. Elevated reporting limits (RLs) are provided.

Method(s) 8082: The %RPD between the primary and confirmation column exceeded 40% for 1254 for the following sample: 240-100687-9. The lower value has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082: The following samples were diluted due to the nature of the sample matrix OR abundance of target analytes: 240-100687-21, 240-100687-22, 240-100687-28, 240-100687-33, 240-100687-34, 240-100687-38, 240-100687-39, 240-100687-40, 240-100687-A-40-B MS and 240-100687-A-40-C MSD. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8082: The following samples were diluted due to the nature of the sample matrix: 240-100687-21, 240-100687-22, 240-100687-23, 240-100687-28, 240-100687-33, 240-100687-34, 240-100687-38 and 240-100687-39. Elevated reporting limits (RLs) are provided.

Method(s) 8082: The following sample was diluted to bring the concentration of target analytes within the calibration range: 240-100687-40. Elevated reporting limits (RLs) are provided.

Method(s) 8082: The %RPD between the primary and confirmation column exceeded 40% for 1254 for the following samples: 240-100687-23, 240-100687-31 and 240-100687-32. The lower value has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082: The %RPD between the primary and confirmation column exceeded 40% for 1260 for the following sample: 240-100687-29 and 240-100687-30. The lower value has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 8082: The following samples were diluted due to the nature of the sample matrix: 240-100687-16, 240-100687-19, 240-100687-20, 240-100687-24, 240-100687-26, 240-100687-27, 240-100687-42, 240-100687-A-20-B MS and 240-100687-A-20-C MSD. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8082: The following samples were diluted due to the nature of the sample matrix: 240-100687-16, 240-100687-19, 240-100687-20, 240-100687-24, 240-100687-26, 240-100687-27, 240-100687-42, 240-100687-A-20-B MS and 240-100687-A-20-C MSD. Elevated reporting limits (RLs) are provided.

Method(s) 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 240-100687-4.

Method(s) 8082: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 240-343629 and analytical batch

Job ID: 240-100687-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

240-344350 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

Method(s) 8082: The following samples were diluted due to the nature of the sample matrix: 240-100687-43 and 240-100687-44. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8082: The following samples were diluted due to the nature of the sample matrix: 240-100687-43 and 240-100687-44. Elevated reporting limits (RLs) are provided.

Method(s) 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 240-100687-8. 3776149
3449340
3715674

Method(s) 8082: The following sample was diluted due to the nature of the sample matrix: 240-100687-8. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3540C: Elevated reporting limits are provided for the following sample due to insufficient sample provided for <CHOOSE_ONE> preparation/analysis: 240-100687-16.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
3540C	Soxhlet Extraction	SW846	TAL CAN
Part Size Red	Particle Size Reduction Preparation	None	TAL CAN

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-100687-1	PAINT-01	Waste	08/29/18 07:30	09/01/18 09:30
240-100687-2	PAINT-02	Waste	08/29/18 07:37	09/01/18 09:30
240-100687-3	PAINT-03	Waste	08/29/18 07:45	09/01/18 09:30
240-100687-4	PAINT-04	Waste	08/29/18 08:00	09/01/18 09:30
240-100687-5	PAINT-05	Waste	08/29/18 08:05	09/01/18 09:30
240-100687-6	PUTTY-01	Waste	08/29/18 08:10	09/01/18 09:30
240-100687-7	CAULK-01	Waste	08/29/18 08:20	09/01/18 09:30
240-100687-8	COATING-01	Waste	08/29/18 08:30	09/01/18 09:30
240-100687-9	CAULK-02	Waste	08/29/18 08:40	09/01/18 09:30
240-100687-10	PAINT-06	Waste	08/29/18 09:16	09/01/18 09:30
240-100687-11	PAINT-07	Waste	08/29/18 09:15	09/01/18 09:30
240-100687-12	PAINT-08	Waste	08/29/18 09:25	09/01/18 09:30
240-100687-13	TRANSF-01	Waste	08/29/18 09:30	09/01/18 09:30
240-100687-14	WIRE-01	Waste	08/29/18 09:30	09/01/18 09:30
240-100687-15	MASTIC-01	Waste	08/29/18 09:45	09/01/18 09:30
240-100687-16	VARNISH-01	Waste	08/29/18 09:55	09/01/18 09:30
240-100687-17	PAINT-09	Waste	08/29/18 10:10	09/01/18 09:30
240-100687-18	PAINT-10	Waste	08/29/18 10:15	09/01/18 09:30
240-100687-19	PAINT-11	Waste	08/29/18 10:15	09/01/18 09:30
240-100687-20	PUTTY-02	Waste	08/29/18 10:20	09/01/18 09:30
240-100687-21	PAINT-12	Waste	08/29/18 10:30	09/01/18 09:30
240-100687-22	PAINT-13	Waste	08/29/18 10:32	09/01/18 09:30
240-100687-23	PAINT-14	Waste	08/29/18 10:40	09/01/18 09:30
240-100687-24	PAINT-15	Waste	08/29/18 10:45	09/01/18 09:30
240-100687-25	WIRE-02	Waste	08/29/18 10:50	09/01/18 09:30
240-100687-26	PAINT-16	Waste	08/29/18 12:10	09/01/18 09:30
240-100687-27	PAINT-17	Waste	08/29/18 12:05	09/01/18 09:30
240-100687-28	PAINT-18	Waste	08/29/18 12:15	09/01/18 09:30
240-100687-29	PAINT-19	Waste	08/29/18 12:20	09/01/18 09:30
240-100687-30	PAINT-20	Waste	08/29/18 12:25	09/01/18 09:30
240-100687-31	PAINT-21	Waste	08/29/18 12:35	09/01/18 09:30
240-100687-32	COATING-02	Waste	08/29/18 12:37	09/01/18 09:30
240-100687-33	PAINT-22	Waste	08/29/18 12:40	09/01/18 09:30
240-100687-34	PAINT-23	Waste	08/29/18 12:45	09/01/18 09:30
240-100687-35	MASTIC-02	Waste	08/29/18 12:50	09/01/18 09:30
240-100687-36	CORK-01	Waste	08/29/18 12:55	09/01/18 09:30
240-100687-37	MASTIC-03	Waste	08/29/18 13:10	09/01/18 09:30
240-100687-38	PAINT-24	Waste	08/29/18 13:20	09/01/18 09:30
240-100687-39	PUTTY-03	Waste	08/29/18 13:20	09/01/18 09:30
240-100687-40	PAINT-25	Waste	08/29/18 13:55	09/01/18 09:30
240-100687-41	CORK-02	Waste	08/29/18 14:00	09/01/18 09:30
240-100687-42	RUBBER GASKET-01	Waste	08/29/18 14:05	09/01/18 09:30
240-100687-43	RUBBER GASKET-02	Waste	08/29/18 14:10	09/01/18 09:30
240-100687-44	WIRE-03	Waste	08/29/18 14:20	09/01/18 09:30
240-100687-45	CORK-03	Waste	08/29/18 14:25	09/01/18 09:30

Detection Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-01 — Lab Sample ID: 240-100687-1

No Detections.

Client Sample ID: PAINT-02 — Lab Sample ID: 240-100687-2

No Detections.

Client Sample ID: PAINT-03 — Lab Sample ID: 240-100687-3

No Detections.

Client Sample ID: PAINT-04 — Lab Sample ID: 240-100687-4

No Detections.

Client Sample ID: PAINT-05 — Lab Sample ID: 240-100687-5

No Detections.

Client Sample ID: PUTTY-01 — Lab Sample ID: 240-100687-6

No Detections.

Client Sample ID: CAULK-01 — Lab Sample ID: 240-100687-7

No Detections.

Client Sample ID: COATING-01 — Lab Sample ID: 240-100687-8

No Detections.

Client Sample ID: CAULK-02 — Lab Sample ID: 240-100687-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	99	J p	310	75	ug/Kg	1		8082	Total/NA

Client Sample ID: PAINT-06 — Lab Sample ID: 240-100687-10

No Detections.

Client Sample ID: PAINT-07 — Lab Sample ID: 240-100687-11

No Detections.

Client Sample ID: PAINT-08 — Lab Sample ID: 240-100687-12

No Detections.

Client Sample ID: TRANSF-01 — Lab Sample ID: 240-100687-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1268	15000		2200	150	ug/Kg	5		8082	Total/NA

Client Sample ID: WIRE-01 — Lab Sample ID: 240-100687-14

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: WIRE-01 (Continued) — Lab Sample ID: 240-100687-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	2100	J	2700	650	ug/Kg	20		8082	Total/NA

Client Sample ID: MASTIC-01 — Lab Sample ID: 240-100687-15

No Detections.

Client Sample ID: VARNISH-01 — Lab Sample ID: 240-100687-16

No Detections.

Client Sample ID: PAINT-09 — Lab Sample ID: 240-100687-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	1900		1800	430	ug/Kg	5		8082	Total/NA

Client Sample ID: PAINT-10 — Lab Sample ID: 240-100687-18

No Detections.

Client Sample ID: PAINT-11 — Lab Sample ID: 240-100687-19

No Detections.

Client Sample ID: PUTTY-02 — Lab Sample ID: 240-100687-20

No Detections.

Client Sample ID: PAINT-12 — Lab Sample ID: 240-100687-21

No Detections.

Client Sample ID: PAINT-13 — Lab Sample ID: 240-100687-22

No Detections.

Client Sample ID: PAINT-14 — Lab Sample ID: 240-100687-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	920	p	420	100	ug/Kg	1		8082	Total/NA

Client Sample ID: PAINT-15 — Lab Sample ID: 240-100687-24

No Detections.

Client Sample ID: WIRE-02 — Lab Sample ID: 240-100687-25

No Detections.

Client Sample ID: PAINT-16 — Lab Sample ID: 240-100687-26

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-17 — Lab Sample ID: 240-100687-27

No Detections.

Client Sample ID: PAINT-18 — Lab Sample ID: 240-100687-28

No Detections.

Client Sample ID: PAINT-19 — Lab Sample ID: 240-100687-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	490	p	470	120	ug/Kg	1		8082	Total/NA

Client Sample ID: PAINT-20 — Lab Sample ID: 240-100687-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	3100	p	350	92	ug/Kg	1		8082	Total/NA

Client Sample ID: PAINT-21 — Lab Sample ID: 240-100687-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	590	p	450	110	ug/Kg	1		8082	Total/NA

Client Sample ID: COATING-02 — Lab Sample ID: 240-100687-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	430	J p	450	110	ug/Kg	1		8082	Total/NA

Client Sample ID: PAINT-22 — Lab Sample ID: 240-100687-33

No Detections.

Client Sample ID: PAINT-23 — Lab Sample ID: 240-100687-34

No Detections.

Client Sample ID: MASTIC-02 — Lab Sample ID: 240-100687-35

No Detections.

Client Sample ID: CORK-01 — Lab Sample ID: 240-100687-36

No Detections.

Client Sample ID: MASTIC-03 — Lab Sample ID: 240-100687-37

No Detections.

Client Sample ID: PAINT-24 — Lab Sample ID: 240-100687-38

No Detections.

Client Sample ID: PUTTY-03 — Lab Sample ID: 240-100687-39

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-25 — Lab Sample ID: 240-100687-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	13000		4700	1100	ug/Kg	10		8082	Total/NA

Client Sample ID: CORK-02 — Lab Sample ID: 240-100687-41

No Detections.

Client Sample ID: RUBBER GASKET-01 — Lab Sample ID: 240-100687-42

No Detections.

Client Sample ID: RUBBER GASKET-02 — Lab Sample ID: 240-100687-43

No Detections.

Client Sample ID: WIRE-03 — Lab Sample ID: 240-100687-44

No Detections.

Client Sample ID: CORK-03 — Lab Sample ID: 240-100687-45

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-01

Date Collected: 08/29/18 07:30
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-1

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		450	170	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1221	ND		450	200	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1232	ND		450	150	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1242	ND		450	260	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1248	ND		450	180	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1254	ND		450	110	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1260	ND		450	120	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1262	ND		450	130	ug/Kg		09/04/18 05:35	09/06/18 14:05	1
Aroclor-1268	ND		450	30	ug/Kg		09/04/18 05:35	09/06/18 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*10 - 136*	*09/04/18 05:35*	*09/06/18 14:05*	*1*
Tetrachloro-m-xylene	*50*		*12 - 123*	*09/04/18 05:35*	*09/06/18 14:05*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-02

Date Collected: 08/29/18 07:37
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-2

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2700	1000	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1221	ND		2700	1200	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1232	ND		2700	910	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1242	ND		2700	1600	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1248	ND		2700	1100	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1254	ND		2700	640	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1260	ND		2700	700	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1262	ND		2700	750	ug/Kg		09/04/18 05:35	09/06/18 14:20	10
Aroclor-1268	ND		2700	180	ug/Kg		09/04/18 05:35	09/06/18 14:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*276*	*X*	*10 - 136*	*09/04/18 05:35*	*09/06/18 14:20*	*10*
Tetrachloro-m-xylene	*73*		*12 - 123*	*09/04/18 05:35*	*09/06/18 14:20*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-03

Date Collected: 08/29/18 07:45
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-3

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		410	160	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1221	ND		410	180	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1232	ND		410	140	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1242	ND		410	240	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1248	ND		410	170	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1254	ND		410	99	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1260	ND		410	110	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1262	ND		410	120	ug/Kg		09/04/18 05:35	09/06/18 14:34	1
Aroclor-1268	ND		410	27	ug/Kg		09/04/18 05:35	09/06/18 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*10 - 136*	*09/04/18 05:35*	*09/06/18 14:34*	*1*
Tetrachloro-m-xylene	*72*		*12 - 123*	*09/04/18 05:35*	*09/06/18 14:34*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-04

Date Collected: 08/29/18 08:00
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-4

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		380	150	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1221	ND		380	170	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1232	ND		380	130	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1242	ND		380	220	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1248	ND		380	150	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1254	ND		380	92	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1260	ND		380	99	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1262	ND		380	110	ug/Kg		09/04/18 05:35	09/07/18 22:00	1
Aroclor-1268	ND		380	25	ug/Kg		09/04/18 05:35	09/07/18 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*10 - 136*	*09/04/18 05:35*	*09/07/18 22:00*	*1*
Tetrachloro-m-xylene	*66*		*12 - 123*	*09/04/18 05:35*	*09/07/18 22:00*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-05

Date Collected: 08/29/18 08:05
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-5

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2400	900	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1221	ND		2400	1000	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1232	ND		2400	810	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1242	ND		2400	1400	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1248	ND		2400	950	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1254	ND		2400	570	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1260	ND		2400	620	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1262	ND		2400	670	ug/Kg		09/04/18 05:35	09/06/18 15:03	5
Aroclor-1268	ND		2400	160	ug/Kg		09/04/18 05:35	09/06/18 15:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 136*	*09/04/18 05:35*	*09/06/18 15:03*	*5*
Tetrachloro-m-xylene	*82*		*12 - 123*	*09/04/18 05:35*	*09/06/18 15:03*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PUTTY-01

Lab Sample ID: 240-100687-6

Date Collected: 08/29/18 08:10
Date Received: 09/01/18 09:30

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1700	650	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1221	ND		1700	750	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1232	ND		1700	580	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1242	ND		1700	990	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1248	ND		1700	680	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1254	ND		1700	410	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1260	ND		1700	440	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1262	ND		1700	480	ug/Kg		09/04/18 05:35	09/06/18 15:18	5
Aroclor-1268	ND		1700	110	ug/Kg		09/04/18 05:35	09/06/18 15:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*160*	*X*	*10 - 136*	*09/04/18 05:35*	*09/06/18 15:18*	*5*
Tetrachloro-m-xylene	*82*		*12 - 123*	*09/04/18 05:35*	*09/06/18 15:18*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: CAULK-01

Date Collected: 08/29/18 08:20
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-7

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2000	760	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1221	ND		2000	880	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1232	ND		2000	680	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1242	ND		2000	1200	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1248	ND		2000	800	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1254	ND		2000	480	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1260	ND		2000	520	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1262	ND		2000	560	ug/Kg		09/04/18 05:35	09/06/18 15:32	5
Aroclor-1268	ND		2000	130	ug/Kg		09/04/18 05:35	09/06/18 15:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*146*	*X*	*10 - 136*	*09/04/18 05:35*	*09/06/18 15:32*	*5*
Tetrachloro-m-xylene	*88*		*12 - 123*	*09/04/18 05:35*	*09/06/18 15:32*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: COATING-01

Lab Sample ID: 240-100687-8

Date Collected: 08/29/18 08:30
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2900	1100	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1221	ND		2900	1300	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1232	ND		2900	1000	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1242	ND		2900	1700	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1248	ND		2900	1200	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1254	ND		2900	710	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1260	ND		2900	760	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1262	ND		2900	820	ug/Kg		09/06/18 07:34	09/11/18 08:41	10
Aroclor-1268	ND		2900	190	ug/Kg		09/06/18 07:34	09/11/18 08:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*12 - 123*	*09/06/18 07:34*	*09/11/18 08:41*	*10*
DCB Decachlorobiphenyl	*84*		*10 - 136*	*09/06/18 07:34*	*09/11/18 08:41*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: CAULK-02

Date Collected: 08/29/18 08:40
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-9

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		310	120	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1221	ND		310	140	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1232	ND		310	110	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1242	ND		310	180	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1248	ND		310	130	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1254	**99**	**J p**	310	75	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1260	ND		310	81	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1262	ND		310	88	ug/Kg		09/04/18 05:35	09/06/18 16:01	1
Aroclor-1268	ND		310	21	ug/Kg		09/04/18 05:35	09/06/18 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*10 - 136*	*09/04/18 05:35*	*09/06/18 16:01*	*1*
Tetrachloro-m-xylene	*74*		*12 - 123*	*09/04/18 05:35*	*09/06/18 16:01*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-06

Date Collected: 08/29/18 09:16
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-10

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		450	170	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1221	ND		450	200	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1232	ND		450	150	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1242	ND		450	260	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1248	ND		450	180	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1254	ND		450	110	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1260	ND		450	120	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1262	ND		450	130	ug/Kg		09/04/18 05:35	09/06/18 16:16	1
Aroclor-1268	ND		450	30	ug/Kg		09/04/18 05:35	09/06/18 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*10 - 136*	*09/04/18 05:35*	*09/06/18 16:16*	*1*
Tetrachloro-m-xylene	*67*		*12 - 123*	*09/04/18 05:35*	*09/06/18 16:16*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-07

Date Collected: 08/29/18 09:15
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-11

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		280	110	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1221	ND		280	120	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1232	ND		280	94	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1242	ND		280	160	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1248	ND		280	110	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1254	ND		280	67	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1260	ND		280	72	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1262	ND		280	78	ug/Kg		09/04/18 05:35	09/06/18 16:30	1
Aroclor-1268	ND		280	18	ug/Kg		09/04/18 05:35	09/06/18 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*10 - 136*	*09/04/18 05:35*	*09/06/18 16:30*	*1*
Tetrachloro-m-xylene	*59*		*12 - 123*	*09/04/18 05:35*	*09/06/18 16:30*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-08

Date Collected: 08/29/18 09:25
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-12

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		480	180	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1221	ND		480	210	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1232	ND		480	160	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1242	ND		480	280	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1248	ND		480	190	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1254	ND		480	110	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1260	ND		480	120	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1262	ND		480	130	ug/Kg		09/04/18 05:35	09/06/18 16:45	1
Aroclor-1268	ND		480	31	ug/Kg		09/04/18 05:35	09/06/18 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*10 - 136*	*09/04/18 05:35*	*09/06/18 16:45*	*1*
Tetrachloro-m-xylene	*73*		*12 - 123*	*09/04/18 05:35*	*09/06/18 16:45*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: TRANSF-01

Lab Sample ID: 240-100687-13

Date Collected: 08/29/18 09:30
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2200	850	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1221	ND		2200	980	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1232	ND		2200	760	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1242	ND		2200	1300	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1248	ND		2200	890	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1254	ND		2200	540	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1260	ND		2200	580	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1262	ND		2200	630	ug/Kg		09/04/18 05:35	09/06/18 17:00	5
Aroclor-1268	**15000**		2200	150	ug/Kg		09/04/18 05:35	09/06/18 17:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 136*	*09/04/18 05:35*	*09/06/18 17:00*	*5*
Tetrachloro-m-xylene	*88*		*12 - 123*	*09/04/18 05:35*	*09/06/18 17:00*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: WIRE-01

Date Collected: 08/29/18 09:30
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-14

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2700	1000	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1221	ND		2700	1200	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1232	ND		2700	920	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1242	ND		2700	1600	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1248	ND		2700	1100	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1254	**2100**	**J**	2700	650	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1260	ND		2700	700	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1262	ND		2700	760	ug/Kg		09/04/18 05:35	09/06/18 17:14	20
Aroclor-1268	ND		2700	180	ug/Kg		09/04/18 05:35	09/06/18 17:14	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 136*	*09/04/18 05:35*	*09/06/18 17:14*	*20*
Tetrachloro-m-xylene	*94*		*12 - 123*	*09/04/18 05:35*	*09/06/18 17:14*	*20*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: MASTIC-01

Lab Sample ID: 240-100687-15

Date Collected: 08/29/18 09:45
Date Received: 09/01/18 09:30

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		480	180	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1221	ND		480	210	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1232	ND		480	160	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1242	ND		480	280	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1248	ND		480	190	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1254	ND		480	120	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1260	ND		480	130	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1262	ND		480	130	ug/Kg		09/04/18 05:35	09/06/18 17:29	1
Aroclor-1268	ND		480	32	ug/Kg		09/04/18 05:35	09/06/18 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*10 - 136*	*09/04/18 05:35*	*09/06/18 17:29*	*1*
Tetrachloro-m-xylene	*63*		*12 - 123*	*09/04/18 05:35*	*09/06/18 17:29*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: VARNISH-01

Lab Sample ID: 240-100687-16

Date Collected: 08/29/18 09:55
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		14000	5100	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1221	ND		14000	5900	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1232	ND		14000	4600	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1242	ND		14000	7800	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1248	ND		14000	5400	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1254	ND		14000	3200	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1260	ND		14000	3500	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1262	ND		14000	3800	ug/Kg		09/04/18 05:35	09/07/18 22:14	10
Aroclor-1268	ND		14000	890	ug/Kg		09/04/18 05:35	09/07/18 22:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*10 - 136*	*09/04/18 05:35*	*09/07/18 22:14*	*10*
Tetrachloro-m-xylene	*62*		*12 - 123*	*09/04/18 05:35*	*09/07/18 22:14*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-09

Date Collected: 08/29/18 10:10
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-17

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1800	690	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1221	ND		1800	800	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1232	ND		1800	620	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1242	ND		1800	1100	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1248	ND		1800	720	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1254	**1900**		1800	430	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1260	ND		1800	470	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1262	ND		1800	510	ug/Kg		09/04/18 05:35	09/06/18 17:58	5
Aroclor-1268	ND		1800	120	ug/Kg		09/04/18 05:35	09/06/18 17:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*10 - 136*	*09/04/18 05:35*	*09/06/18 17:58*	*5*
Tetrachloro-m-xylene	*83*		*12 - 123*	*09/04/18 05:35*	*09/06/18 17:58*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-10

Date Collected: 08/29/18 10:15
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-18

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		360	140	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1221	ND		360	160	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1232	ND		360	120	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1242	ND		360	210	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1248	ND		360	140	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1254	ND		360	86	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1260	ND		360	94	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1262	ND		360	100	ug/Kg		09/04/18 05:35	09/06/18 18:13	1
Aroclor-1268	ND		360	24	ug/Kg		09/04/18 05:35	09/06/18 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*10 - 136*	*09/04/18 05:35*	*09/06/18 18:13*	*1*
Tetrachloro-m-xylene	*65*		*12 - 123*	*09/04/18 05:35*	*09/06/18 18:13*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-11

Date Collected: 08/29/18 10:15
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-19

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		5600	2100	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1221	ND		5600	2400	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1232	ND		5600	1900	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1242	ND		5600	3200	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1248	ND		5600	2200	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1254	ND		5600	1300	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1260	ND		5600	1400	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1262	ND		5600	1600	ug/Kg		09/04/18 05:35	09/07/18 22:29	20
Aroclor-1268	ND		5600	370	ug/Kg		09/04/18 05:35	09/07/18 22:29	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*119*		*10 - 136*	*09/04/18 05:35*	*09/07/18 22:29*	*20*
Tetrachloro-m-xylene	*93*		*12 - 123*	*09/04/18 05:35*	*09/07/18 22:29*	*20*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PUTTY-02

Lab Sample ID: 240-100687-20

Date Collected: 08/29/18 10:20
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3500	1300	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1221	ND		3500	1500	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1232	ND		3500	1200	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1242	ND		3500	2000	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1248	ND		3500	1400	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1254	ND		3500	840	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1260	ND	F2	3500	910	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1262	ND		3500	980	ug/Kg		09/04/18 05:35	09/07/18 22:43	10
Aroclor-1268	ND		3500	230	ug/Kg		09/04/18 05:35	09/07/18 22:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*10 - 136*	*09/04/18 05:35*	*09/07/18 22:43*	*10*
Tetrachloro-m-xylene	*92*		*12 - 123*	*09/04/18 05:35*	*09/07/18 22:43*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-12

Date Collected: 08/29/18 10:30
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-21

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		9100	3500	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1221	ND		9100	4000	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1232	ND		9100	3100	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1242	ND		9100	5300	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1248	ND		9100	3600	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1254	ND		9100	2200	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1260	ND		9100	2400	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1262	ND		9100	2500	ug/Kg		09/04/18 06:27	09/06/18 22:05	20
Aroclor-1268	ND		9100	600	ug/Kg		09/04/18 06:27	09/06/18 22:05	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*150*	*X*	*10 - 136*	*09/04/18 06:27*	*09/06/18 22:05*	*20*
Tetrachloro-m-xylene	*90*		*12 - 123*	*09/04/18 06:27*	*09/06/18 22:05*	*20*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-13

Date Collected: 08/29/18 10:32
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-22

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2800	1100	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1221	ND		2800	1200	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1232	ND		2800	960	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1242	ND		2800	1600	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1248	ND		2800	1100	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1254	ND		2800	680	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1260	ND		2800	730	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1262	ND		2800	790	ug/Kg		09/04/18 06:27	09/06/18 22:20	10
Aroclor-1268	ND		2800	190	ug/Kg		09/04/18 06:27	09/06/18 22:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 136*	*09/04/18 06:27*	*09/06/18 22:20*	*10*
Tetrachloro-m-xylene	*88*		*12 - 123*	*09/04/18 06:27*	*09/06/18 22:20*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-14

Date Collected: 08/29/18 10:40
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-23

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		420	160	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1221	ND		420	180	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1232	ND		420	140	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1242	ND		420	240	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1248	ND		420	170	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1254	**920**	**p**	420	100	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1260	ND		420	110	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1262	ND		420	120	ug/Kg		09/04/18 06:27	09/06/18 22:34	1
Aroclor-1268	ND		420	28	ug/Kg		09/04/18 06:27	09/06/18 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*10 - 136*	*09/04/18 06:27*	*09/06/18 22:34*	*1*
Tetrachloro-m-xylene	*75*		*12 - 123*	*09/04/18 06:27*	*09/06/18 22:34*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-15

Date Collected: 08/29/18 10:45
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-24

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2300	860	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1221	ND		2300	1000	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1232	ND		2300	770	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1242	ND		2300	1300	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1248	ND		2300	910	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1254	ND		2300	550	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1260	ND		2300	590	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1262	ND		2300	640	ug/Kg		09/04/18 06:27	09/07/18 20:47	5
Aroclor-1268	ND		2300	150	ug/Kg		09/04/18 06:27	09/07/18 20:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*155*	*X*	*10 - 136*	*09/04/18 06:27*	*09/07/18 20:47*	*5*
Tetrachloro-m-xylene	*64*		*12 - 123*	*09/04/18 06:27*	*09/07/18 20:47*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: WIRE-02

Date Collected: 08/29/18 10:50
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-25

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1900	740	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1221	ND		1900	850	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1232	ND		1900	660	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1242	ND		1900	1100	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1248	ND		1900	780	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1254	ND		1900	470	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1260	ND		1900	500	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1262	ND		1900	540	ug/Kg		09/06/18 07:34	09/08/18 12:13	5
Aroclor-1268	ND		1900	130	ug/Kg		09/06/18 07:34	09/08/18 12:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*12 - 123*	*09/06/18 07:34*	*09/08/18 12:13*	*5*
Tetrachloro-m-xylene	*72*		*12 - 123*	*09/06/18 07:34*	*09/08/18 12:13*	*5*
DCB Decachlorobiphenyl	*105*		*10 - 136*	*09/06/18 07:34*	*09/08/18 12:13*	*5*
DCB Decachlorobiphenyl	*62*	*p*	*10 - 136*	*09/06/18 07:34*	*09/08/18 12:13*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-16

Date Collected: 08/29/18 12:10
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-26

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1221	ND		4300	1900	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1232	ND		4300	1500	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1242	ND		4300	2500	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1248	ND		4300	1700	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1254	ND		4300	1000	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1260	ND		4300	1100	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1262	ND		4300	1200	ug/Kg		09/04/18 06:27	09/07/18 21:16	10
Aroclor-1268	ND		4300	280	ug/Kg		09/04/18 06:27	09/07/18 21:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 136*	*09/04/18 06:27*	*09/07/18 21:16*	*10*
Tetrachloro-m-xylene	*66*		*12 - 123*	*09/04/18 06:27*	*09/07/18 21:16*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-17

Date Collected: 08/29/18 12:05
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-27

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2000	750	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1221	ND		2000	870	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1232	ND		2000	670	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1242	ND		2000	1100	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1248	ND		2000	790	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1254	ND		2000	470	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1260	ND		2000	510	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1262	ND		2000	550	ug/Kg		09/04/18 06:27	09/07/18 21:31	5
Aroclor-1268	ND		2000	130	ug/Kg		09/04/18 06:27	09/07/18 21:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 136*	*09/04/18 06:27*	*09/07/18 21:31*	*5*
Tetrachloro-m-xylene	*68*		*12 - 123*	*09/04/18 06:27*	*09/07/18 21:31*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-18

Date Collected: 08/29/18 12:15
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-28

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4600	1800	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1221	ND		4600	2000	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1232	ND		4600	1600	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1242	ND		4600	2700	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1248	ND		4600	1900	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1254	ND		4600	1100	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1260	ND		4600	1200	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1262	ND		4600	1300	ug/Kg		09/04/18 06:27	09/06/18 23:46	10
Aroclor-1268	ND		4600	310	ug/Kg		09/04/18 06:27	09/06/18 23:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 136*	*09/04/18 06:27*	*09/06/18 23:46*	*10*
Tetrachloro-m-xylene	*85*		*12 - 123*	*09/04/18 06:27*	*09/06/18 23:46*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-19

Date Collected: 08/29/18 12:20
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-29

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		470	180	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1221	ND		470	210	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1232	ND		470	160	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1242	ND		470	270	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1248	ND		470	190	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1254	ND		470	110	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1260	**490**	**p**	470	120	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1262	ND		470	130	ug/Kg		09/04/18 06:27	09/07/18 00:01	1
Aroclor-1268	ND		470	31	ug/Kg		09/04/18 06:27	09/07/18 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 136*	*09/04/18 06:27*	*09/07/18 00:01*	*1*
Tetrachloro-m-xylene	*79*		*12 - 123*	*09/04/18 06:27*	*09/07/18 00:01*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-20

Date Collected: 08/29/18 12:25
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-30

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		350	130	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1221	ND		350	160	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1232	ND		350	120	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1242	ND		350	210	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1248	ND		350	140	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1254	ND		350	85	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1260	**3100**	**p**	350	92	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1262	ND		350	99	ug/Kg		09/04/18 06:27	09/07/18 00:15	1
Aroclor-1268	ND		350	23	ug/Kg		09/04/18 06:27	09/07/18 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*10 - 136*	*09/04/18 06:27*	*09/07/18 00:15*	*1*
Tetrachloro-m-xylene	*64*		*12 - 123*	*09/04/18 06:27*	*09/07/18 00:15*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-21

Date Collected: 08/29/18 12:35
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-31

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		450	170	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1221	ND		450	200	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1232	ND		450	150	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1242	ND		450	260	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1248	ND		450	180	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1254	**590**	**p**	450	110	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1260	ND		450	120	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1262	ND		450	130	ug/Kg		09/04/18 06:27	09/07/18 00:30	1
Aroclor-1268	ND		450	30	ug/Kg		09/04/18 06:27	09/07/18 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 136*	*09/04/18 06:27*	*09/07/18 00:30*	*1*
Tetrachloro-m-xylene	*78*		*12 - 123*	*09/04/18 06:27*	*09/07/18 00:30*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: COATING-02

Lab Sample ID: 240-100687-32

Date Collected: 08/29/18 12:37
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		450	170	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1221	ND		450	200	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1232	ND		450	150	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1242	ND		450	260	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1248	ND		450	180	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1254	**430**	**J p**	450	110	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1260	ND		450	120	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1262	ND		450	130	ug/Kg		09/04/18 06:27	09/07/18 00:44	1
Aroclor-1268	ND		450	30	ug/Kg		09/04/18 06:27	09/07/18 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 136*	*09/04/18 06:27*	*09/07/18 00:44*	*1*
Tetrachloro-m-xylene	*74*		*12 - 123*	*09/04/18 06:27*	*09/07/18 00:44*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-22

Date Collected: 08/29/18 12:40
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-33

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1900	730	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1221	ND		1900	850	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1232	ND		1900	650	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1242	ND		1900	1100	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1248	ND		1900	770	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1254	ND		1900	460	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1260	ND		1900	500	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1262	ND		1900	540	ug/Kg		09/04/18 06:27	09/07/18 00:58	5
Aroclor-1268	ND		1900	130	ug/Kg		09/04/18 06:27	09/07/18 00:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*136*		*10 - 136*	*09/04/18 06:27*	*09/07/18 00:58*	*5*
Tetrachloro-m-xylene	*69*		*12 - 123*	*09/04/18 06:27*	*09/07/18 00:58*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-23

Date Collected: 08/29/18 12:45
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-34

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1700	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1221	ND		4400	1900	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1232	ND		4400	1500	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1242	ND		4400	2500	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1248	ND		4400	1800	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1254	ND		4400	1100	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1260	ND		4400	1100	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1262	ND		4400	1200	ug/Kg		09/04/18 06:27	09/07/18 01:13	10
Aroclor-1268	ND		4400	290	ug/Kg		09/04/18 06:27	09/07/18 01:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*521*	*X*	*10 - 136*	*09/04/18 06:27*	*09/07/18 01:13*	*10*
Tetrachloro-m-xylene	*76*		*12 - 123*	*09/04/18 06:27*	*09/07/18 01:13*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: MASTIC-02

Lab Sample ID: 240-100687-35

Date Collected: 08/29/18 12:50
Date Received: 09/01/18 09:30

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		250	96	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1221	ND		250	110	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1232	ND		250	86	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1242	ND		250	150	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1248	ND		250	100	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1254	ND		250	61	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1260	ND		250	66	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1262	ND		250	71	ug/Kg		09/04/18 06:27	09/07/18 01:27	1
Aroclor-1268	ND		250	17	ug/Kg		09/04/18 06:27	09/07/18 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*10 - 136*	*09/04/18 06:27*	*09/07/18 01:27*	*1*
Tetrachloro-m-xylene	*28*		*12 - 123*	*09/04/18 06:27*	*09/07/18 01:27*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: CORK-01

Date Collected: 08/29/18 12:55
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-36

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		440	170	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1221	ND		440	190	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1232	ND		440	150	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1242	ND		440	260	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1248	ND		440	180	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1254	ND		440	110	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1260	ND		440	120	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1262	ND		440	120	ug/Kg		09/04/18 06:27	09/07/18 01:42	1
Aroclor-1268	ND		440	29	ug/Kg		09/04/18 06:27	09/07/18 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*	*p*	*10 - 136*	*09/04/18 06:27*	*09/07/18 01:42*	*1*
Tetrachloro-m-xylene	*59*		*12 - 123*	*09/04/18 06:27*	*09/07/18 01:42*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: MASTIC-03

Lab Sample ID: 240-100687-37

Date Collected: 08/29/18 13:10
Date Received: 09/01/18 09:30

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		420	160	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1221	ND		420	180	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1232	ND		420	140	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1242	ND		420	240	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1248	ND		420	170	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1254	ND		420	100	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1260	ND		420	110	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1262	ND		420	120	ug/Kg		09/09/18 14:10	09/10/18 13:59	1
Aroclor-1268	ND		420	28	ug/Kg		09/09/18 14:10	09/10/18 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*29*		*10 - 136*	*09/09/18 14:10*	*09/10/18 13:59*	*1*
Tetrachloro-m-xylene	*33*		*12 - 123*	*09/09/18 14:10*	*09/10/18 13:59*	*1*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-24

Date Collected: 08/29/18 13:20
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-38

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4900	1900	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1221	ND		4900	2200	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1232	ND		4900	1700	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1242	ND		4900	2800	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1248	ND		4900	2000	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1254	ND		4900	1200	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1260	ND		4900	1300	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1262	ND		4900	1400	ug/Kg		09/04/18 06:27	09/07/18 02:54	10
Aroclor-1268	ND		4900	320	ug/Kg		09/04/18 06:27	09/07/18 02:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 136*	*09/04/18 06:27*	*09/07/18 02:54*	*10*
Tetrachloro-m-xylene	*89*		*12 - 123*	*09/04/18 06:27*	*09/07/18 02:54*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PUTTY-03

Lab Sample ID: 240-100687-39

Date Collected: 08/29/18 13:20
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		940	360	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1221	ND		940	420	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1232	ND		940	320	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1242	ND		940	550	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1248	ND		940	380	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1254	ND		940	230	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1260	ND		940	250	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1262	ND		940	260	ug/Kg		09/04/18 06:27	09/07/18 03:09	5
Aroclor-1268	ND		940	62	ug/Kg		09/04/18 06:27	09/07/18 03:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 136*	*09/04/18 06:27*	*09/07/18 03:09*	*5*
Tetrachloro-m-xylene	*84*		*12 - 123*	*09/04/18 06:27*	*09/07/18 03:09*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-25

Date Collected: 08/29/18 13:55
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-40

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4700	1800	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1221	ND		4700	2100	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1232	ND		4700	1600	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1242	ND		4700	2700	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1248	ND		4700	1900	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1254	**13000**		4700	1100	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1260	ND		4700	1200	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1262	ND		4700	1300	ug/Kg		09/04/18 06:27	09/07/18 03:23	10
Aroclor-1268	ND		4700	310	ug/Kg		09/04/18 06:27	09/07/18 03:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*10 - 136*	*09/04/18 06:27*	*09/07/18 03:23*	*10*
Tetrachloro-m-xylene	*89*		*12 - 123*	*09/04/18 06:27*	*09/07/18 03:23*	*10*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: CORK-02

Lab Sample ID: 240-100687-41

Date Collected: 08/29/18 14:00
Date Received: 09/01/18 09:30

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2300	890	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1221	ND		2300	1000	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1232	ND		2300	790	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1242	ND		2300	1400	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1248	ND		2300	930	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1254	ND		2300	560	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1260	ND		2300	610	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1262	ND		2300	650	ug/Kg		09/04/18 05:35	09/06/18 15:47	5
Aroclor-1268	ND		2300	150	ug/Kg		09/04/18 05:35	09/06/18 15:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*10 - 136*	*09/04/18 05:35*	*09/06/18 15:47*	*5*
Tetrachloro-m-xylene	*69*		*12 - 123*	*09/04/18 05:35*	*09/06/18 15:47*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: RUBBER GASKET-01

Lab Sample ID: 240-100687-42

Date Collected: 08/29/18 14:05
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1500	550	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1221	ND		1500	640	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1232	ND		1500	490	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1242	ND		1500	840	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1248	ND		1500	580	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1254	ND		1500	350	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1260	ND		1500	380	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1262	ND		1500	410	ug/Kg		09/04/18 06:27	09/07/18 21:02	5
Aroclor-1268	ND		1500	96	ug/Kg		09/04/18 06:27	09/07/18 21:02	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 136*	*09/04/18 06:27*	*09/07/18 21:02*	*5*
Tetrachloro-m-xylene	*65*		*12 - 123*	*09/04/18 06:27*	*09/07/18 21:02*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: RUBBER GASKET-02

Lab Sample ID: 240-100687-43

Date Collected: 08/29/18 14:10
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1900	720	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1221	ND		1900	830	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1232	ND		1900	640	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1242	ND		1900	1100	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1248	ND		1900	760	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1254	ND		1900	450	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1260	ND		1900	490	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1262	ND		1900	530	ug/Kg		09/04/18 07:53	09/07/18 20:05	5
Aroclor-1268	ND		1900	130	ug/Kg		09/04/18 07:53	09/07/18 20:05	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*10 - 136*	*09/04/18 07:53*	*09/07/18 20:05*	*5*
Tetrachloro-m-xylene	*63*		*12 - 123*	*09/04/18 07:53*	*09/07/18 20:05*	*5*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: WIRE-03

Date Collected: 08/29/18 14:20
Date Received: 09/01/18 09:30

Lab Sample ID: 240-100687-44

Matrix: Waste

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		21000	7900	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1221	ND		21000	9100	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1232	ND		21000	7000	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1242	ND		21000	12000	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1248	ND		21000	8300	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1254	ND		21000	5000	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1260	ND		21000	5400	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1262	ND		21000	5800	ug/Kg		09/04/18 07:53	09/07/18 20:41	50
Aroclor-1268	ND		21000	1400	ug/Kg		09/04/18 07:53	09/07/18 20:41	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 136*	*09/04/18 07:53*	*09/07/18 20:41*	*50*
Tetrachloro-m-xylene	*70*		*12 - 123*	*09/04/18 07:53*	*09/07/18 20:41*	*50*

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: CORK-03

Lab Sample ID: 240-100687-45

Date Collected: 08/29/18 14:25
Matrix: Waste
Date Received: 09/01/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		430	160	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1221	ND		430	190	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1232	ND		430	150	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1242	ND		430	250	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1248	ND		430	170	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1254	ND		430	100	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1260	ND		430	110	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1262	ND		430	120	ug/Kg		09/04/18 07:53	09/06/18 02:54	1
Aroclor-1268	ND		430	28	ug/Kg		09/04/18 07:53	09/06/18 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*10 - 136*	*09/04/18 07:53*	*09/06/18 02:54*	*1*
Tetrachloro-m-xylene	*55*		*12 - 123*	*09/04/18 07:53*	*09/06/18 02:54*	*1*

Surrogate Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Waste **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-136)	TCX1 (12-123)	TCX2 (12-123)	DCBP2 (10-136)
240-100645-B-17-B MS	Matrix Spike			61	63
240-100645-B-17-C MSD	Matrix Spike Duplicate			73	72
240-100687-1	PAINT-01	50	50		
240-100687-2	PAINT-02	276 X	73		
240-100687-3	PAINT-03	79	72		
240-100687-4	PAINT-04	71	66		
240-100687-5	PAINT-05	103	82		
240-100687-6	PUTTY-01	160 X	82		
240-100687-7	CAULK-01	146 X	88		
240-100687-8	COATING-01			84	84
240-100687-9	CAULK-02	72	74		
240-100687-10	PAINT-06	62	67		
240-100687-11	PAINT-07	50	59		
240-100687-12	PAINT-08	66	73		
240-100687-13	TRANSF-01	102	88		
240-100687-14	WIRE-01	89	94		
240-100687-15	MASTIC-01	61	63		
240-100687-16	VARNISH-01	76	62		
240-100687-17	PAINT-09	71	83		
240-100687-18	PAINT-10	62	65		
240-100687-19	PAINT-11	119	93		
240-100687-20	PUTTY-02	109	92		
240-100687-20 MS	PUTTY-02	112	93		
240-100687-20 MSD	PUTTY-02	106	91		
240-100687-21	PAINT-12	150 X	90		
240-100687-22	PAINT-13	99	88		
240-100687-23	PAINT-14	81	75		
240-100687-24	PAINT-15	155 X	64		
240-100687-25	WIRE-02	105	79	72	62 p
240-100687-26	PAINT-16	88	66		
240-100687-27	PAINT-17	91	68		
240-100687-28	PAINT-18	112	85		
240-100687-29	PAINT-19	82	79		
240-100687-30	PAINT-20	70	64		
240-100687-31	PAINT-21	82	78		
240-100687-32	COATING-02	101	74		
240-100687-33	PAINT-22	136	69		
240-100687-34	PAINT-23	521 X	76		
240-100687-35	MASTIC-02	31	28		
240-100687-36	CORK-01	56 p	59		
240-100687-37	MASTIC-03			33	29
240-100687-38	PAINT-24	104	89		
240-100687-39	PUTTY-03	89	84		
240-100687-40	PAINT-25	127	89		
240-100687-40 MS	PAINT-25	124	85		
240-100687-40 MSD	PAINT-25	132	88		
240-100687-41	CORK-02	62	69		
240-100687-42	RUBBER GASKET-01	69	65		
240-100687-43	RUBBER GASKET-02			63	75

Surrogate Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Waste **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-136)	TCX1 (12-123)	TCX2 (12-123)	DCBP2 (10-136)
240-100687-44	WIRE-03			70	69
240-100687-45	CORK-03			55	52
LCS 240-343629/24-A	Lab Control Sample	67	73		
LCS 240-343633/24-A	Lab Control Sample	85	76		
LCS 240-343645/24-A	Lab Control Sample			64	67
LCS 240-344072/23-A	Lab Control Sample			66	76
LCS 240-344466/10-A	Lab Control Sample			72	72
MB 240-343629/23-A	Method Blank	70	76		
MB 240-343633/23-A	Method Blank	88	78		
MB 240-343645/23-A	Method Blank			68	74
MB 240-344072/22-A	Method Blank			85	82
MB 240-344466/9-A	Method Blank			80	77

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-343629/23-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 344027 — **Prep Batch: 343629**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		500	190	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1221	ND		500	220	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1232	ND		500	170	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1242	ND		500	290	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1248	ND		500	200	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1254	ND		500	120	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1260	ND		500	130	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1262	ND		500	140	ug/Kg		09/04/18 05:35	09/06/18 18:27	1
Aroclor-1268	ND		500	33	ug/Kg		09/04/18 05:35	09/06/18 18:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*12 - 123*	*09/04/18 05:35*	*09/06/18 18:27*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 136*	*09/04/18 05:35*	*09/06/18 18:27*	*1*

Lab Sample ID: LCS 240-343629/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 344027 — **Prep Batch: 343629**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	10000	6740		ug/Kg		67	48 - 120
Aroclor-1260	10000	7430		ug/Kg		74	44 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*73*		*12 - 123*
DCB Decachlorobiphenyl	*67*		*10 - 136*

Lab Sample ID: 240-100687-20 MS — **Client Sample ID: PUTTY-02**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 344350 — **Prep Batch: 343629**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	ND		8330	8090		ug/Kg		97	21 - 120
Aroclor-1260	ND	F2	8330	7460		ug/Kg		90	15 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*93*		*12 - 123*
DCB Decachlorobiphenyl	*112*		*10 - 136*

Lab Sample ID: 240-100687-20 MSD — **Client Sample ID: PUTTY-02**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 344350 — **Prep Batch: 343629**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND		7190	6820		ug/Kg		95	21 - 120	17	30
Aroclor-1260	ND	F2	7190	5470	F4	ug/Kg		76	15 - 131	31	30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-100687-20 MSD
Matrix: Waste
Analysis Batch: 344350

Client Sample ID: PUTTY-02
Prep Type: Total/NA
Prep Batch: 343629

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*12 - 123*
DCB Decachlorobiphenyl	*106*		*10 - 136*

Lab Sample ID: MB 240-343633/23-A
Matrix: Waste
Analysis Batch: 344190

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 343633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		500	190	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1221	ND		500	220	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1232	ND		500	170	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1242	ND		500	290	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1248	ND		500	200	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1254	ND		500	120	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1260	ND		500	130	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1262	ND		500	140	ug/Kg		09/04/18 06:27	09/07/18 02:11	1
Aroclor-1268	ND		500	33	ug/Kg		09/04/18 06:27	09/07/18 02:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*12 - 123*	*09/04/18 06:27*	*09/07/18 02:11*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 136*	*09/04/18 06:27*	*09/07/18 02:11*	*1*

Lab Sample ID: LCS 240-343633/24-A
Matrix: Waste
Analysis Batch: 344190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 343633

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			10000	7220		ug/Kg		72	48 - 120		
Aroclor-1260			10000	8580		ug/Kg		86	44 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*76*		*12 - 123*
DCB Decachlorobiphenyl	*85*		*10 - 136*

Lab Sample ID: 240-100687-40 MS
Matrix: Waste
Analysis Batch: 344190

Client Sample ID: PAINT-25
Prep Type: Total/NA
Prep Batch: 343633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016	ND		8930	9670		ug/Kg		108	21 - 120		
Aroclor-1260	ND		8930	10200		ug/Kg		114	15 - 131		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*12 - 123*
DCB Decachlorobiphenyl	*124*		*10 - 136*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-100687-40 MSD — **Client Sample ID: PAINT-25**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 344190 — **Prep Batch: 343633**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND		9900	10900		ug/Kg		110	21 - 120	12	30
Aroclor-1260	ND		9900	12100		ug/Kg		122	15 - 131	17	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*12 - 123*
DCB Decachlorobiphenyl	*132*		*10 - 136*

Lab Sample ID: MB 240-343645/23-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 343989 — **Prep Batch: 343645**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	19	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1221	ND		50	22	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1232	ND		50	17	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1242	ND		50	29	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1248	ND		50	20	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1254	ND		50	12	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1260	ND		50	13	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1262	ND		50	14	ug/Kg		09/04/18 07:53	09/05/18 23:13	1
Aroclor-1268	ND		50	3.3	ug/Kg		09/04/18 07:53	09/05/18 23:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*12 - 123*	*09/04/18 07:53*	*09/05/18 23:13*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 136*	*09/04/18 07:53*	*09/05/18 23:13*	*1*

Lab Sample ID: LCS 240-343645/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 343989 — **Prep Batch: 343645**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	1000	630		ug/Kg		63	48 - 120
Aroclor-1260	1000	658		ug/Kg		66	44 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*64*		*12 - 123*
DCB Decachlorobiphenyl	*67*		*10 - 136*

Lab Sample ID: 240-100645-B-17-B MS — **Client Sample ID: Matrix Spike**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 343989 — **Prep Batch: 343645**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	ND		994	566		ug/Kg		57	21 - 120
Aroclor-1260	ND		994	661		ug/Kg		67	15 - 131

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-100645-B-17-B MS
Matrix: Waste
Analysis Batch: 343989

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 343645

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	61		12 - 123
DCB Decachlorobiphenyl	63		10 - 136

Lab Sample ID: 240-100645-B-17-C MSD
Matrix: Waste
Analysis Batch: 343989

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 343645

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND		990	684		ug/Kg		69	21 - 120	19	30
Aroclor-1260	ND		990	734		ug/Kg		74	15 - 131	10	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	73		12 - 123
DCB Decachlorobiphenyl	72		10 - 136

Lab Sample ID: MB 240-344072/22-A
Matrix: Waste
Analysis Batch: 344404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 344072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	19	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1221	ND		50	22	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1232	ND		50	17	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1242	ND		50	29	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1248	ND		50	20	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1254	ND		50	12	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1260	ND		50	13	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1262	ND		50	14	ug/Kg		09/06/18 07:34	09/08/18 11:11	1
Aroclor-1268	ND		50	3.3	ug/Kg		09/06/18 07:34	09/08/18 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		12 - 123	09/06/18 07:34	09/08/18 11:11	1
DCB Decachlorobiphenyl	82		10 - 136	09/06/18 07:34	09/08/18 11:11	1

Lab Sample ID: LCS 240-344072/23-A
Matrix: Waste
Analysis Batch: 344404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 344072

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	1000	650		ug/Kg		65	48 - 120
Aroclor-1260	1000	781		ug/Kg		78	44 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	66		12 - 123
DCB Decachlorobiphenyl	76		10 - 136

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-344466/9-A
Matrix: Waste
Analysis Batch: 344481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 344466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	19	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1221	ND		50	22	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1232	ND		50	17	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1242	ND		50	29	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1248	ND		50	20	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1254	ND		50	12	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1260	ND		50	13	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1262	ND		50	14	ug/Kg		09/09/18 14:10	09/10/18 16:24	1
Aroclor-1268	ND		50	3.3	ug/Kg		09/09/18 14:10	09/10/18 16:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*12 - 123*	*09/09/18 14:10*	*09/10/18 16:24*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 136*	*09/09/18 14:10*	*09/10/18 16:24*	*1*

Lab Sample ID: LCS 240-344466/10-A
Matrix: Waste
Analysis Batch: 344481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 344466

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			1000	698		ug/Kg		70	48 - 120		
Aroclor-1260			1000	809		ug/Kg		81	44 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*		*12 - 123*
DCB Decachlorobiphenyl	*72*		*10 - 136*

QC Association Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

GC Semi VOA

Prep Batch: 343629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-1	PAINT-01	Total/NA	Waste	3540C	
240-100687-2	PAINT-02	Total/NA	Waste	3540C	
240-100687-3	PAINT-03	Total/NA	Waste	3540C	
240-100687-4	PAINT-04	Total/NA	Waste	3540C	
240-100687-5	PAINT-05	Total/NA	Waste	3540C	
240-100687-6	PUTTY-01	Total/NA	Waste	3540C	
240-100687-7	CAULK-01	Total/NA	Waste	3540C	
240-100687-9	CAULK-02	Total/NA	Waste	3540C	
240-100687-10	PAINT-06	Total/NA	Waste	3540C	
240-100687-11	PAINT-07	Total/NA	Waste	3540C	
240-100687-12	PAINT-08	Total/NA	Waste	3540C	
240-100687-13	TRANSF-01	Total/NA	Waste	3540C	
240-100687-14	WIRE-01	Total/NA	Waste	3540C	
240-100687-15	MASTIC-01	Total/NA	Waste	3540C	
240-100687-16	VARNISH-01	Total/NA	Waste	3540C	
240-100687-17	PAINT-09	Total/NA	Waste	3540C	
240-100687-18	PAINT-10	Total/NA	Waste	3540C	
240-100687-19	PAINT-11	Total/NA	Waste	3540C	
240-100687-20	PUTTY-02	Total/NA	Waste	3540C	
240-100687-41	CORK-02	Total/NA	Waste	3540C	
MB 240-343629/23-A	Method Blank	Total/NA	Waste	3540C	
LCS 240-343629/24-A	Lab Control Sample	Total/NA	Waste	3540C	
240-100687-20 MS	PUTTY-02	Total/NA	Waste	3540C	
240-100687-20 MSD	PUTTY-02	Total/NA	Waste	3540C	

Prep Batch: 343633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-21	PAINT-12	Total/NA	Waste	3540C	
240-100687-22	PAINT-13	Total/NA	Waste	3540C	
240-100687-23	PAINT-14	Total/NA	Waste	3540C	
240-100687-24	PAINT-15	Total/NA	Waste	3540C	
240-100687-26	PAINT-16	Total/NA	Waste	3540C	
240-100687-27	PAINT-17	Total/NA	Waste	3540C	
240-100687-28	PAINT-18	Total/NA	Waste	3540C	
240-100687-29	PAINT-19	Total/NA	Waste	3540C	
240-100687-30	PAINT-20	Total/NA	Waste	3540C	
240-100687-31	PAINT-21	Total/NA	Waste	3540C	
240-100687-32	COATING-02	Total/NA	Waste	3540C	
240-100687-33	PAINT-22	Total/NA	Waste	3540C	
240-100687-34	PAINT-23	Total/NA	Waste	3540C	
240-100687-35	MASTIC-02	Total/NA	Waste	3540C	
240-100687-36	CORK-01	Total/NA	Waste	3540C	
240-100687-38	PAINT-24	Total/NA	Waste	3540C	
240-100687-39	PUTTY-03	Total/NA	Waste	3540C	
240-100687-40	PAINT-25	Total/NA	Waste	3540C	
240-100687-42	RUBBER GASKET-01	Total/NA	Waste	3540C	
MB 240-343633/23-A	Method Blank	Total/NA	Waste	3540C	
LCS 240-343633/24-A	Lab Control Sample	Total/NA	Waste	3540C	
240-100687-40 MS	PAINT-25	Total/NA	Waste	3540C	
240-100687-40 MSD	PAINT-25	Total/NA	Waste	3540C	

GC Semi VOA (Continued)

Prep Batch: 343645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-43	RUBBER GASKET-02	Total/NA	Waste	3540C	
240-100687-44	WIRE-03	Total/NA	Waste	3540C	
240-100687-45	CORK-03	Total/NA	Waste	3540C	
MB 240-343645/23-A	Method Blank	Total/NA	Waste	3540C	
LCS 240-343645/24-A	Lab Control Sample	Total/NA	Waste	3540C	
240-100645-B-17-B MS	Matrix Spike	Total/NA	Waste	3540C	
240-100645-B-17-C MSD	Matrix Spike Duplicate	Total/NA	Waste	3540C	

Processed Batch: 343697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-8	COATING-01	Total/NA	Waste	Part Size Red	
240-100687-25	WIRE-02	Total/NA	Waste	Part Size Red	

Analysis Batch: 343989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-45	CORK-03	Total/NA	Waste	8082	343645
MB 240-343645/23-A	Method Blank	Total/NA	Waste	8082	343645
LCS 240-343645/24-A	Lab Control Sample	Total/NA	Waste	8082	343645
240-100645-B-17-B MS	Matrix Spike	Total/NA	Waste	8082	343645
240-100645-B-17-C MSD	Matrix Spike Duplicate	Total/NA	Waste	8082	343645

Analysis Batch: 344027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-1	PAINT-01	Total/NA	Waste	8082	343629
240-100687-2	PAINT-02	Total/NA	Waste	8082	343629
240-100687-3	PAINT-03	Total/NA	Waste	8082	343629
240-100687-5	PAINT-05	Total/NA	Waste	8082	343629
240-100687-6	PUTTY-01	Total/NA	Waste	8082	343629
240-100687-7	CAULK-01	Total/NA	Waste	8082	343629
240-100687-9	CAULK-02	Total/NA	Waste	8082	343629
240-100687-10	PAINT-06	Total/NA	Waste	8082	343629
240-100687-11	PAINT-07	Total/NA	Waste	8082	343629
240-100687-12	PAINT-08	Total/NA	Waste	8082	343629
240-100687-13	TRANSF-01	Total/NA	Waste	8082	343629
240-100687-14	WIRE-01	Total/NA	Waste	8082	343629
240-100687-15	MASTIC-01	Total/NA	Waste	8082	343629
240-100687-17	PAINT-09	Total/NA	Waste	8082	343629
240-100687-18	PAINT-10	Total/NA	Waste	8082	343629
240-100687-41	CORK-02	Total/NA	Waste	8082	343629
MB 240-343629/23-A	Method Blank	Total/NA	Waste	8082	343629
LCS 240-343629/24-A	Lab Control Sample	Total/NA	Waste	8082	343629

Prep Batch: 344072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-8	COATING-01	Total/NA	Waste	3540C	343697
240-100687-25	WIRE-02	Total/NA	Waste	3540C	343697
MB 240-344072/22-A	Method Blank	Total/NA	Waste	3540C	
LCS 240-344072/23-A	Lab Control Sample	Total/NA	Waste	3540C	

GC Semi VOA (Continued)

Analysis Batch: 344190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-21	PAINT-12	Total/NA	Waste	8082	343633
240-100687-22	PAINT-13	Total/NA	Waste	8082	343633
240-100687-23	PAINT-14	Total/NA	Waste	8082	343633
240-100687-28	PAINT-18	Total/NA	Waste	8082	343633
240-100687-29	PAINT-19	Total/NA	Waste	8082	343633
240-100687-30	PAINT-20	Total/NA	Waste	8082	343633
240-100687-31	PAINT-21	Total/NA	Waste	8082	343633
240-100687-32	COATING-02	Total/NA	Waste	8082	343633
240-100687-33	PAINT-22	Total/NA	Waste	8082	343633
240-100687-34	PAINT-23	Total/NA	Waste	8082	343633
240-100687-35	MASTIC-02	Total/NA	Waste	8082	343633
240-100687-36	CORK-01	Total/NA	Waste	8082	343633
240-100687-38	PAINT-24	Total/NA	Waste	8082	343633
240-100687-39	PUTTY-03	Total/NA	Waste	8082	343633
240-100687-40	PAINT-25	Total/NA	Waste	8082	343633
MB 240-343633/23-A	Method Blank	Total/NA	Waste	8082	343633
LCS 240-343633/24-A	Lab Control Sample	Total/NA	Waste	8082	343633
240-100687-40 MS	PAINT-25	Total/NA	Waste	8082	343633
240-100687-40 MSD	PAINT-25	Total/NA	Waste	8082	343633

Analysis Batch: 344341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-43	RUBBER GASKET-02	Total/NA	Waste	8082	343645
240-100687-44	WIRE-03	Total/NA	Waste	8082	343645

Analysis Batch: 344350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-4	PAINT-04	Total/NA	Waste	8082	343629
240-100687-16	VARNISH-01	Total/NA	Waste	8082	343629
240-100687-19	PAINT-11	Total/NA	Waste	8082	343629
240-100687-20	PUTTY-02	Total/NA	Waste	8082	343629
240-100687-24	PAINT-15	Total/NA	Waste	8082	343633
240-100687-26	PAINT-16	Total/NA	Waste	8082	343633
240-100687-27	PAINT-17	Total/NA	Waste	8082	343633
240-100687-42	RUBBER GASKET-01	Total/NA	Waste	8082	343633
240-100687-20 MS	PUTTY-02	Total/NA	Waste	8082	343629
240-100687-20 MSD	PUTTY-02	Total/NA	Waste	8082	343629

Analysis Batch: 344404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-25	WIRE-02	Total/NA	Waste	8082	344072
MB 240-344072/22-A	Method Blank	Total/NA	Waste	8082	344072
LCS 240-344072/23-A	Lab Control Sample	Total/NA	Waste	8082	344072

Prep Batch: 344466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-37	MASTIC-03	Total/NA	Waste	3540C	
MB 240-344466/9-A	Method Blank	Total/NA	Waste	3540C	
LCS 240-344466/10-A	Lab Control Sample	Total/NA	Waste	3540C	

GC Semi VOA (Continued)

Analysis Batch: 344481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-37	MASTIC-03	Total/NA	Waste	8082	344466
MB 240-344466/9-A	Method Blank	Total/NA	Waste	8082	344466
LCS 240-344466/10-A	Lab Control Sample	Total/NA	Waste	8082	344466

Analysis Batch: 344675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-100687-8	COATING-01	Total/NA	Waste	8082	344072

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-01 — Lab Sample ID: 240-100687-1

Date Collected: 08/29/18 07:30 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 14:05	CSC	TAL CAN

Client Sample ID: PAINT-02 — Lab Sample ID: 240-100687-2

Date Collected: 08/29/18 07:37 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		10	344027	09/06/18 14:20	CSC	TAL CAN

Client Sample ID: PAINT-03 — Lab Sample ID: 240-100687-3

Date Collected: 08/29/18 07:45 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 14:34	CSC	TAL CAN

Client Sample ID: PAINT-04 — Lab Sample ID: 240-100687-4

Date Collected: 08/29/18 08:00 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344350	09/07/18 22:00	CSC	TAL CAN

Client Sample ID: PAINT-05 — Lab Sample ID: 240-100687-5

Date Collected: 08/29/18 08:05 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		5	344027	09/06/18 15:03	CSC	TAL CAN

Client Sample ID: PUTTY-01 — Lab Sample ID: 240-100687-6

Date Collected: 08/29/18 08:10 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		5	344027	09/06/18 15:18	CSC	TAL CAN

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: CAULK-01 — Lab Sample ID: 240-100687-7

Date Collected: 08/29/18 08:20 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		5	344027	09/06/18 15:32	CSC	TAL CAN

Client Sample ID: COATING-01 — Lab Sample ID: 240-100687-8

Date Collected: 08/29/18 08:30 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Processed	Part Size Red			343697	09/04/18 10:17	RB1	TAL CAN
Total/NA	Prep	3540C			344072	09/06/18 07:34	DVT	TAL CAN
Total/NA	Analysis	8082		10	344675	09/11/18 08:41	KMG	TAL CAN

Client Sample ID: CAULK-02 — Lab Sample ID: 240-100687-9

Date Collected: 08/29/18 08:40 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 16:01	CSC	TAL CAN

Client Sample ID: PAINT-06 — Lab Sample ID: 240-100687-10

Date Collected: 08/29/18 09:16 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 16:16	CSC	TAL CAN

Client Sample ID: PAINT-07 — Lab Sample ID: 240-100687-11

Date Collected: 08/29/18 09:15 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 16:30	CSC	TAL CAN

Client Sample ID: PAINT-08 — Lab Sample ID: 240-100687-12

Date Collected: 08/29/18 09:25 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 16:45	CSC	TAL CAN

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: TRANSF-01 — Lab Sample ID: 240-100687-13

Date Collected: 08/29/18 09:30 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		5	344027	09/06/18 17:00	CSC	TAL CAN

Client Sample ID: WIRE-01 — Lab Sample ID: 240-100687-14

Date Collected: 08/29/18 09:30 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		20	344027	09/06/18 17:14	CSC	TAL CAN

Client Sample ID: MASTIC-01 — Lab Sample ID: 240-100687-15

Date Collected: 08/29/18 09:45 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 17:29	CSC	TAL CAN

Client Sample ID: VARNISH-01 — Lab Sample ID: 240-100687-16

Date Collected: 08/29/18 09:55 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		10	344350	09/07/18 22:14	CSC	TAL CAN

Client Sample ID: PAINT-09 — Lab Sample ID: 240-100687-17

Date Collected: 08/29/18 10:10 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		5	344027	09/06/18 17:58	CSC	TAL CAN

Client Sample ID: PAINT-10 — Lab Sample ID: 240-100687-18

Date Collected: 08/29/18 10:15 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		1	344027	09/06/18 18:13	CSC	TAL CAN

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-11 — Lab Sample ID: 240-100687-19

Date Collected: 08/29/18 10:15 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		20	344350	09/07/18 22:29	CSC	TAL CAN

Client Sample ID: PUTTY-02 — Lab Sample ID: 240-100687-20

Date Collected: 08/29/18 10:20 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		10	344350	09/07/18 22:43	CSC	TAL CAN

Client Sample ID: PAINT-12 — Lab Sample ID: 240-100687-21

Date Collected: 08/29/18 10:30 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		20	344190	09/06/18 22:05	CSC	TAL CAN

Client Sample ID: PAINT-13 — Lab Sample ID: 240-100687-22

Date Collected: 08/29/18 10:32 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		10	344190	09/06/18 22:20	CSC	TAL CAN

Client Sample ID: PAINT-14 — Lab Sample ID: 240-100687-23

Date Collected: 08/29/18 10:40 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		1	344190	09/06/18 22:34	CSC	TAL CAN

Client Sample ID: PAINT-15 — Lab Sample ID: 240-100687-24

Date Collected: 08/29/18 10:45 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		5	344350	09/07/18 20:47	CSC	TAL CAN

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: WIRE-02 — Lab Sample ID: 240-100687-25

Date Collected: 08/29/18 10:50 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Processed	Part Size Red			343697	09/04/18 10:17	RB1	TAL CAN
Total/NA	Prep	3540C			344072	09/06/18 07:34	DVT	TAL CAN
Total/NA	Analysis	8082		5	344404	09/08/18 12:13	KMG	TAL CAN

Client Sample ID: PAINT-16 — Lab Sample ID: 240-100687-26

Date Collected: 08/29/18 12:10 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		10	344350	09/07/18 21:16	CSC	TAL CAN

Client Sample ID: PAINT-17 — Lab Sample ID: 240-100687-27

Date Collected: 08/29/18 12:05 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		5	344350	09/07/18 21:31	CSC	TAL CAN

Client Sample ID: PAINT-18 — Lab Sample ID: 240-100687-28

Date Collected: 08/29/18 12:15 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		10	344190	09/06/18 23:46	CSC	TAL CAN

Client Sample ID: PAINT-19 — Lab Sample ID: 240-100687-29

Date Collected: 08/29/18 12:20 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		1	344190	09/07/18 00:01	CSC	TAL CAN

Client Sample ID: PAINT-20 — Lab Sample ID: 240-100687-30

Date Collected: 08/29/18 12:25 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		1	344190	09/07/18 00:15	CSC	TAL CAN

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: PAINT-21 — Lab Sample ID: 240-100687-31

Date Collected: 08/29/18 12:35 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		1	344190	09/07/18 00:30	CSC	TAL CAN

Client Sample ID: COATING-02 — Lab Sample ID: 240-100687-32

Date Collected: 08/29/18 12:37 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		1	344190	09/07/18 00:44	CSC	TAL CAN

Client Sample ID: PAINT-22 — Lab Sample ID: 240-100687-33

Date Collected: 08/29/18 12:40 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		5	344190	09/07/18 00:58	CSC	TAL CAN

Client Sample ID: PAINT-23 — Lab Sample ID: 240-100687-34

Date Collected: 08/29/18 12:45 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		10	344190	09/07/18 01:13	CSC	TAL CAN

Client Sample ID: MASTIC-02 — Lab Sample ID: 240-100687-35

Date Collected: 08/29/18 12:50 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		1	344190	09/07/18 01:27	CSC	TAL CAN

Client Sample ID: CORK-01 — Lab Sample ID: 240-100687-36

Date Collected: 08/29/18 12:55 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		1	344190	09/07/18 01:42	CSC	TAL CAN

Client Sample ID: MASTIC-03 — Lab Sample ID: 240-100687-37

Date Collected: 08/29/18 13:10 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			344466	09/09/18 14:10	AMT	TAL CAN
Total/NA	Analysis	8082		1	344481	09/10/18 13:59	KMG	TAL CAN

Client Sample ID: PAINT-24 — Lab Sample ID: 240-100687-38

Date Collected: 08/29/18 13:20 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		10	344190	09/07/18 02:54	CSC	TAL CAN

Client Sample ID: PUTTY-03 — Lab Sample ID: 240-100687-39

Date Collected: 08/29/18 13:20 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		5	344190	09/07/18 03:09	CSC	TAL CAN

Client Sample ID: PAINT-25 — Lab Sample ID: 240-100687-40

Date Collected: 08/29/18 13:55 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		10	344190	09/07/18 03:23	CSC	TAL CAN

Client Sample ID: CORK-02 — Lab Sample ID: 240-100687-41

Date Collected: 08/29/18 14:00 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343629	09/04/18 05:35	DVT	TAL CAN
Total/NA	Analysis	8082		5	344027	09/06/18 15:47	CSC	TAL CAN

Client Sample ID: RUBBER GASKET-01 — Lab Sample ID: 240-100687-42

Date Collected: 08/29/18 14:05 — **Matrix: Waste**
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343633	09/04/18 06:27	DVT	TAL CAN
Total/NA	Analysis	8082		5	344350	09/07/18 21:02	CSC	TAL CAN

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Client Sample ID: RUBBER GASKET-02

Lab Sample ID: 240-100687-43
Date Collected: 08/29/18 14:10
Matrix: Waste
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343645	09/04/18 07:53	SLD	TAL CAN
Total/NA	Analysis	8082		5	344341	09/07/18 20:05	CSC	TAL CAN

Client Sample ID: WIRE-03

Lab Sample ID: 240-100687-44
Date Collected: 08/29/18 14:20
Matrix: Waste
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343645	09/04/18 07:53	SLD	TAL CAN
Total/NA	Analysis	8082		50	344341	09/07/18 20:41	CSC	TAL CAN

Client Sample ID: CORK-03

Lab Sample ID: 240-100687-45
Date Collected: 08/29/18 14:25
Matrix: Waste
Date Received: 09/01/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			343645	09/04/18 07:53	SLD	TAL CAN
Total/NA	Analysis	8082		1	343989	09/06/18 02:54	LSH	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 240-100687-1
SDG: Jail Building

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2927	02-23-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082	3540C	Waste	Aroclor-1262
8082	3540C	Waste	Aroclor-1268

Laboratory: TestAmerica Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-19

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

9.4/C9.4
10.2/C10.2

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: RGC	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-148399-27124.6
Client Contact: Robert Clark	Phone: 818-727-2553(tel)	E-Mail: danielle.roberts@testamericainc.com		Page: Page 1 of 6
Company: CSC				Job #: 1027333
Address: 21732 Devonshire Street, Suit B	Due Date Requested:			
City: Chatsworth	TAT Requested (days): 5			
State, Zip: CA, 91313				
Phone: 818-727-2553(Tel)	PO #: Purchase Order Requested			
Email: RobertClark	WO #:			
Project Name: Lincoln Jail	Project #: 44021134			
Site: Jail Building	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, Dodecahydrate, one, A, -5, (specify)

240-100687 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - PCB 7 Aroclors-TCSA		Total Nu	Special Instructions/Note:
			Preservation Code:				N	M		
Paint-01	8/29/18	7:30am	G	S					1	
Paint-02	8/29/18	7:37am	G	S					1	
Paint-03	8/29/18	7:45am	G	S					1	
Paint-04	8/29/18	8:00am	G	S					1	
Paint-05	8/29/18	8:05am	G	S					1	
Putty-01	8/29/18	8:10am	G	S					1	
Caulk-01	8/29/18	8:20am	G	S					1	
Coating-01	8/29/18	8:30am	G	S					1	
Caulk-02	8/29/18	8:40am	G	S					1	
Paint-06	8/29/18	9:16am	G	S					1	
Paint-07	8/29/18	9:15am	G	S					1	

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	8/30/18 11:30am	CSC	[signature]	8/31/18 945	TAIR
[signature]	8/31/18 1700	TAIRV	[signature]	9-1-18 930	TA

Custody Seals Intact: Δ Yes ☑ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

2.0/2.1
IR-88

Ver. 08/04/2016

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: RGC	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-148399-27124.6
Client Contact: Robert Clark	Phone: 818-727-2553(tel)	E-Mail: danielle.roberts@testamericainc.com		Page: Page 6 of 6
Company: CSC				Job #: 1027333
Address: 21732 Devonshire Street, Suit B	Due Date Requested:			
City: Chatsworth	TAT Requested (days): 5			
State, Zip: CA, 91313				
Phone: 818-727-2553(Tel)	PO #: Purchase Order Requested			
Email: RobertClark	WO #:			
Project Name: Lincoln Jail	Project #: 44021134			
Site: Jail Building	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
K - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - PCB 7 Aroclors-TCSA		Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	M		
Paint-08	8/29/18	9:25am	G	S					1	
Transf-01	8/29/18	9:30am	G	S					1	
wire-01	8/29/18	9:30am	G	S					1	
mastic-01	8/29/18	9:45am	G	S					1	
Varnish-01	8/29/18	9:55am	G	S					1	
Paint-09	8/29/18	10:10am	G	S					1	
Paint-10	8/29/18	10:15am	G	S					1	
Paint-11	8/29/18	10:15am	G	S					1	
Putty-02	8/29/18	10:20am	G	S					1	
Paint-12	8/29/18	10:30am	G	S					1	
Paint-13	8/29/18	10:32am	G	S					1	

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Noah Cooley	8/30/18 11:30am	CSC	Olger Ornelas	8/31/18 945	TA IRV
Olger Ornelas	8/31/18 1700	TA IRV	[signature]	9-1-18 930	TA

Custody Seals Intact: Δ Yes ☒ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 08/04/2016

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: RGC	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-148399-27124.6
Client Contact: Robert Clark	Phone: 818-727-2553 (tel)	E-Mail: danielle.roberts@testamericainc.com		Page: Page 6 of 6
Company: CSC				Job #: 1027333
Address: 21732 Devonshire Street, Suit B	Due Date Requested:			
City: Chatsworth	TAT Requested (days): 5			
State, Zip: CA, 91313				
Phone: 818-727-2553(Tel)	PO #: Purchase Order Requested			
Email: RobertClark	WO #:			
Project Name: Lincoln Jail	Project #: 44021134			
Site: Jail Building	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - PCB 7 Aroclors-TCSA		Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	M		
Paint-14	8/29/18	10:40am	G	S					1	
Paint-15	8/29/18	10:45am	G	S					1	
wire-02	8/29/18	10:50am	G	S					1	
Paint-16	8/29/18	12:10pm	G	S					1	
Paint-17	8/29/18	12:05pm	G	S					1	
Paint-18	8/29/18	12:15pm	G	S					1	
Paint-19	8/29/18	12:20pm	G	S					1	
Paint-20	8/29/18	12:25pm	G	S					1	
Paint-21	8/29/18	12:35pm	G	S					1	
Coating-02	8/29/18	12:37pm	G	S					1	
Paint-22	8/29/18	12:40pm	G	S					1	

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Noah Cordova	8/30/18 11:30am	CSC	Olga Oinelas	8/31/18 945	TAIRU
Olga Oinelas	8/31/18 1700	TAIRU	[signature]	9-1-18 930	TA

Custody Seals Intact: Δ Yes ☑ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 08/04/2016

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: RGC	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-148399-27124.6
Client Contact: Robert Clark	Phone: 818-727-2553 (tel)	E-Mail: danielle.roberts@testamericainc.com		Page: Page 6 of 6
Company: CSC				Job #: 1027333
Address: 21732 Devonshire Street, Suit B	Due Date Requested:			
City: Chatsworth	TAT Requested (days): 5			
State, Zip: CA, 91313				
Phone: 818-727-2553(Tel)	PO #: Purchase Order Requested			
Email: RobertClark	WO #:			
Project Name: Lincoln Jail	Project #: 44021134			
Site: Jail Building	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, K - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - PCB 7 Aroclors-TCSA		Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	M		
Paint-23	8/29/18	12:45pm	G	S					1	
mastic-02	8/29/18	1250pm	G	S					1	
Cork-01	8/29/18	1255pm	G	S					1	
mastic-03	8/29/18	1:10pm	G	S					1	
Paint-24	8/29/18	1:20pm	G	S					1	
Putty-03	8/29/18	1:20pm	G	S					1	
Paint-25	8/29/18	1:55pm	G	S					1	
Cork-02	8/29/18	2:00pm	G	S					1	
rubber gasket-01	8/29/18	2:05pm	G	S					1	
rubber gasket-02	8/29/18	2:10pm	G	S					1	
wire-03	8/29/18	2:20pm	G	S					1	

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	8/30/18 11:30am	CSC	Olga Oineles	8/31/18 945	TA IRV
Olga Oineles	8/31/18 1700	TA IRV	[signature]	9-1-18 930	TA

Custody Seals Intact: Δ Yes ✓ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 08/04/2016

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: R.G.C	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-148399-27124.6
Client Contact: Robert Clark	Phone: 818·727·2553 (tel)	E-Mail: danielle.roberts@testamericainc.com		Page: Page 6 of 6
Company: CSC				Job #: 1027333
Address: 21732 Devonshire Street, Suit B	Due Date Requested:			
City: Chatsworth	TAT Requested (days): 5			
State, Zip: CA, 91313				
Phone: 818-727-2553(Tel)	PO #: Purchase Order Requested			
Email: RobertClark	WO #:			
Project Name: Lincoln Jail	Project #: 44021134			
Site: Jail Buildings	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - PCB 7 Aroclors-TCSA		Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	M		
Cork-03	8/29/18	2:25pm	G	S					1	

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 8/30/18 11:30am	Company: CSC	Received by: Olga Olivelos	Date/Time: 8/31/18 945	Company: TA IRV
Relinquished by: Olga Olivelos	Date/Time: 8/31/18 1700	Company: TA IRV	Received by: [signature]	Date/Time: 9-1-18 930	Company: TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes ✓ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Ver: 08/04/2016

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 150687
Canton Facility

Client CSC Site Name _____ Cooler unpacked by:

Cooler Received on 9-1-18 Opened on 9-1-18

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☑ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #36 (CF -0.3°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   - Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   - Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   - Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No NS
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC849151**
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: MS

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

WI-NC-099

TestAmerica Multiple Cooler Receipt Form/Narrative **Login # :** (00687)
Canton Facility

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
client	8	9.4	9.4	ice
↓	↓	10.2	10.2	↓

X:\X-Drive Document Control\SOPs\Work Instructions\Word Version Work Instructions\WI-NC-099H-071615 Cooler Receipt Form_page 2 - Multiple Coolers.doc rls

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-221336-1
TestAmerica SDG: Jail Building Interior Ceiling Lights Fixtures
Client Project/Site: Lincoln Jail

For:
Clark Seif Clark, Inc.
PO BOX 4299
Chatsworth, California 91313

Attn: Robert Clark

Authorized for release by:
10/8/2018 3:07:54 PM
Kathleen Robb, Project Manager II
kathleen.robb@testamericainc.com

Designee for

Danielle Roberts, Senior Project Manager
(949)261-1022
danielle.roberts@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Surrogate Summary 9
Method Summary 10
Lab Chronicle 11
QC Sample Results 13
QC Association Summary 14
Definitions/Glossary 15
Certification Summary 16
Chain of Custody 17
Receipt Checklists 20

Sample Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-221336-1	PCBW001	Wipe	10/02/18 07:39	10/03/18 09:30
440-221336-2	PCBW002	Wipe	10/02/18 07:51	10/03/18 09:30
440-221336-3	PCBW003	Wipe	10/02/18 08:03	10/03/18 09:30
440-221336-4	PCBW004	Wipe	10/02/18 08:11	10/03/18 09:30
440-221336-5	PCBW005	Wipe	10/02/18 08:20	10/03/18 09:30
440-221336-6	PCBW006	Wipe	10/02/18 08:28	10/03/18 09:30

Case Narrative

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Job ID: 440-221336-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-221336-1

Comments
No additional comments.

Receipt
The samples were received on 10/3/2018 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.5º C.

Receipt Exceptions
The following samples were received at the laboratory outside the required temperature criteria: 440-221336-1, 440-221336-2, 440-221336-3, 440-221336-4, 440-221336-5 and 440-221336-6. Samples were received with melted ice at 6.40/6.50C.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Individual samples are not designated for the analysis listed on the COC.

GC Semi VOA
Method(s) 8082: he following samples were diluted due to the abundance of target analytes: 440-221336-1, 440-221336-2, 440-221336-3 and 440-221336-5. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8082: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering, other environmental processes and/or contributions from the presence of multiple Aroclors, resulting in overlapping PCB patterns, the PCBs in the samples do not directly match any of the laboratory's Aroclor standards used for instrument calibration: 440-221336-1, 440-221336-3, 440-221336-4 and 440-221336-5. The samples have been quantified and reported using the best overall Aroclor/standard pattern match.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3540C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-348753.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Client Sample ID: PCBW001 — Lab Sample ID: 440-221336-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	36		5.0	1.8	ug/Wipe	10		8082	Total/NA

Client Sample ID: PCBW002 — Lab Sample ID: 440-221336-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	14		2.5	0.70	ug/Wipe	5		8082	Total/NA

Client Sample ID: PCBW003 — Lab Sample ID: 440-221336-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	1300		250	90	ug/Wipe	500		8082	Total/NA

Client Sample ID: PCBW004 — Lab Sample ID: 440-221336-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	10		2.5	0.90	ug/Wipe	5		8082	Total/NA

Client Sample ID: PCBW005 — Lab Sample ID: 440-221336-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	1400		250	90	ug/Wipe	500		8082	Total/NA

Client Sample ID: PCBW006 — Lab Sample ID: 440-221336-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	13		2.5	0.90	ug/Wipe	5		8082	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Client Sample ID: PCBW001

Lab Sample ID: 440-221336-1
Date Collected: 10/02/18 07:39
Matrix: Wipe
Date Received: 10/03/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		5.0	2.4	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1221	ND		5.0	2.3	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1232	ND		5.0	1.6	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1242	ND		5.0	2.0	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1248	ND		5.0	1.7	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1254	ND		5.0	1.4	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1260	**36**		5.0	1.8	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1262	ND		5.0	0.90	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10
Aroclor-1268	ND		5.0	2.0	ug/Wipe		10/05/18 10:05	10/07/18 17:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*23 - 133*	*10/05/18 10:05*	*10/07/18 17:57*	*10*
DCB Decachlorobiphenyl	*160*	*X*	*21 - 145*	*10/05/18 10:05*	*10/07/18 17:57*	*10*

Client Sample ID: PCBW002

Lab Sample ID: 440-221336-2
Date Collected: 10/02/18 07:51
Matrix: Wipe
Date Received: 10/03/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2.5	1.2	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1221	ND		2.5	1.2	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1232	ND		2.5	0.80	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1242	ND		2.5	1.0	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1248	ND		2.5	0.85	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1254	**14**		2.5	0.70	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1260	ND		2.5	0.90	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1262	ND		2.5	0.45	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5
Aroclor-1268	ND		2.5	1.0	ug/Wipe		10/05/18 10:05	10/07/18 18:19	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*23 - 133*	*10/05/18 10:05*	*10/07/18 18:19*	*5*
DCB Decachlorobiphenyl	*147*	*X*	*21 - 145*	*10/05/18 10:05*	*10/07/18 18:19*	*5*

Client Sample ID: PCBW003

Lab Sample ID: 440-221336-3
Date Collected: 10/02/18 08:03
Matrix: Wipe
Date Received: 10/03/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		250	120	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1221	ND		250	120	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1232	ND		250	80	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1242	ND		250	100	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1248	ND		250	85	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1254	ND		250	70	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1260	**1300**		250	90	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1262	ND		250	45	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500
Aroclor-1268	ND		250	100	ug/Wipe		10/05/18 10:05	10/07/18 18:41	500

Client Sample ID: PCBW003
Lab Sample ID: 440-221336-3
Date Collected: 10/02/18 08:03
Matrix: Wipe
Date Received: 10/03/18 09:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	23 - 133	10/05/18 10:05	10/07/18 18:41	500
DCB Decachlorobiphenyl	534	X	21 - 145	10/05/18 10:05	10/07/18 18:41	500

Client Sample ID: PCBW004
Lab Sample ID: 440-221336-4
Date Collected: 10/02/18 08:11
Matrix: Wipe
Date Received: 10/03/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2.5	1.2	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1221	ND		2.5	1.2	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1232	ND		2.5	0.80	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1242	ND		2.5	1.0	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1248	ND		2.5	0.85	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1254	ND		2.5	0.70	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1260	**10**		2.5	0.90	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1262	ND		2.5	0.45	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5
Aroclor-1268	ND		2.5	1.0	ug/Wipe		10/05/18 10:05	10/07/18 19:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		23 - 133	10/05/18 10:05	10/07/18 19:03	5
DCB Decachlorobiphenyl	130		21 - 145	10/05/18 10:05	10/07/18 19:03	5

Client Sample ID: PCBW005
Lab Sample ID: 440-221336-5
Date Collected: 10/02/18 08:20
Matrix: Wipe
Date Received: 10/03/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		250	120	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1221	ND		250	120	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1232	ND		250	80	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1242	ND		250	100	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1248	ND		250	85	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1254	ND		250	70	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1260	**1400**		250	90	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1262	ND		250	45	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500
Aroclor-1268	ND		250	100	ug/Wipe		10/05/18 10:05	10/07/18 19:24	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	23 - 133	10/05/18 10:05	10/07/18 19:24	500
DCB Decachlorobiphenyl	45792	X	21 - 145	10/05/18 10:05	10/07/18 19:24	500

Client Sample ID: PCBW006
Lab Sample ID: 440-221336-6
Date Collected: 10/02/18 08:28
Matrix: Wipe
Date Received: 10/03/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2.5	1.2	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5
Aroclor-1221	ND		2.5	1.2	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5

Client Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Client Sample ID: PCBW006

Lab Sample ID: 440-221336-6

Date Collected: 10/02/18 08:28
Matrix: Wipe
Date Received: 10/03/18 09:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1232	ND		2.5	0.80	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5
Aroclor-1242	ND		2.5	1.0	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5
Aroclor-1248	ND		2.5	0.85	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5
Aroclor-1254	ND		2.5	0.70	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5
Aroclor-1260	**13**		2.5	0.90	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5
Aroclor-1262	ND		2.5	0.45	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5
Aroclor-1268	ND		2.5	1.0	ug/Wipe		10/05/18 10:05	10/07/18 19:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*23 - 133*	*10/05/18 10:05*	*10/07/18 19:46*	*5*
DCB Decachlorobiphenyl	*133*		*21 - 145*	*10/05/18 10:05*	*10/07/18 19:46*	*5*

Surrogate Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (23-133)	DCBP2 (21-145)								
440-221336-1	PCBW001	104	160 X								
440-221336-2	PCBW002	88	147 X								
440-221336-3	PCBW003	0 X	534 X								
440-221336-4	PCBW004	105	130								
440-221336-5	PCBW005	0 X	45792 X								
440-221336-6	PCBW006	105	133								
LCS 240-348753/8-A	Lab Control Sample	92	101								
MB 240-348753/7-A	Method Blank	100	106								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
3540C	Soxhlet Extraction	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Client Sample ID: PCBW001 — Lab Sample ID: 440-221336-1

Date Collected: 10/02/18 07:39
Date Received: 10/03/18 09:30
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	348753	10/05/18 10:05	AMT	TAL CAN
Total/NA	Analysis	8082		10			348819	10/07/18 17:57	KMG	TAL CAN

Client Sample ID: PCBW002 — Lab Sample ID: 440-221336-2

Date Collected: 10/02/18 07:51
Date Received: 10/03/18 09:30
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	348753	10/05/18 10:05	AMT	TAL CAN
Total/NA	Analysis	8082		5			348819	10/07/18 18:19	KMG	TAL CAN

Client Sample ID: PCBW003 — Lab Sample ID: 440-221336-3

Date Collected: 10/02/18 08:03
Date Received: 10/03/18 09:30
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	348753	10/05/18 10:05	AMT	TAL CAN
Total/NA	Analysis	8082		500			348819	10/07/18 18:41	KMG	TAL CAN

Client Sample ID: PCBW004 — Lab Sample ID: 440-221336-4

Date Collected: 10/02/18 08:11
Date Received: 10/03/18 09:30
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	348753	10/05/18 10:05	AMT	TAL CAN
Total/NA	Analysis	8082		5			348819	10/07/18 19:03	KMG	TAL CAN

Client Sample ID: PCBW005 — Lab Sample ID: 440-221336-5

Date Collected: 10/02/18 08:20
Date Received: 10/03/18 09:30
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	348753	10/05/18 10:05	AMT	TAL CAN
Total/NA	Analysis	8082		500			348819	10/07/18 19:24	KMG	TAL CAN

Client Sample ID: PCBW006 — Lab Sample ID: 440-221336-6

Date Collected: 10/02/18 08:28
Date Received: 10/03/18 09:30
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1 Wipe	10 mL	348753	10/05/18 10:05	AMT	TAL CAN
Total/NA	Analysis	8082		5			348819	10/07/18 19:46	KMG	TAL CAN

Lab Chronicle

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

QC Sample Results

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-348753/7-A
Matrix: Wipe
Analysis Batch: 348819

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 348753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.50	0.24	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1221	ND		0.50	0.23	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1232	ND		0.50	0.16	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1242	ND		0.50	0.20	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1248	ND		0.50	0.17	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1254	ND		0.50	0.14	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1260	ND		0.50	0.18	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1262	ND		0.50	0.090	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1
Aroclor-1268	ND		0.50	0.20	ug/Wipe		10/05/18 10:05	10/07/18 17:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*23 - 133*	*10/05/18 10:05*	*10/07/18 17:14*	*1*
DCB Decachlorobiphenyl	*106*		*21 - 145*	*10/05/18 10:05*	*10/07/18 17:14*	*1*

Lab Sample ID: LCS 240-348753/8-A
Matrix: Wipe
Analysis Batch: 348819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 348753

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			10.0	8.81		ug/Wipe		88	35 - 128		
Aroclor-1260			10.0	10.0		ug/Wipe		100	38 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*92*		*23 - 133*
DCB Decachlorobiphenyl	*101*		*21 - 145*

QC Association Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

GC Semi VOA

Prep Batch: 348753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221336-1	PCBW001	Total/NA	Wipe	3540C	
440-221336-2	PCBW002	Total/NA	Wipe	3540C	
440-221336-3	PCBW003	Total/NA	Wipe	3540C	
440-221336-4	PCBW004	Total/NA	Wipe	3540C	
440-221336-5	PCBW005	Total/NA	Wipe	3540C	
440-221336-6	PCBW006	Total/NA	Wipe	3540C	
MB 240-348753/7-A	Method Blank	Total/NA	Wipe	3540C	
LCS 240-348753/8-A	Lab Control Sample	Total/NA	Wipe	3540C	

Analysis Batch: 348819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221336-1	PCBW001	Total/NA	Wipe	8082	348753
440-221336-2	PCBW002	Total/NA	Wipe	8082	348753
440-221336-3	PCBW003	Total/NA	Wipe	8082	348753
440-221336-4	PCBW004	Total/NA	Wipe	8082	348753
440-221336-5	PCBW005	Total/NA	Wipe	8082	348753
440-221336-6	PCBW006	Total/NA	Wipe	8082	348753
MB 240-348753/7-A	Method Blank	Total/NA	Wipe	8082	348753
LCS 240-348753/8-A	Lab Control Sample	Total/NA	Wipe	8082	348753

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Accreditation/Certification Summary

Client: Clark Seif Clark, Inc.
Project/Site: Lincoln Jail

TestAmerica Job ID: 440-221336-1
SDG: Jail Building Interior Ceiling Lights Fixtures

Laboratory: TestAmerica Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-19

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2927	02-23-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082	3540C	Wipe	Aroclor-1016
8082	3540C	Wipe	Aroclor-1221
8082	3540C	Wipe	Aroclor-1232
8082	3540C	Wipe	Aroclor-1242
8082	3540C	Wipe	Aroclor-1248
8082	3540C	Wipe	Aroclor-1254
8082	3540C	Wipe	Aroclor-1260
8082	3540C	Wipe	Aroclor-1262
8082	3540C	Wipe	Aroclor-1268

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica

Client Information	Sampler: Robert Clark	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-148399-27124 6
Client Contact: Robert Clark	Phone: (818) 727-2553	E-Mail: danielle.roberts@testamericainc.com		Page: Page 6 of 6
Company: CSC				Job #: 1027333
Address: 21732 Devonshire Street, Suit B	Due Date Requested:			
City: Chatsworth	TAT Requested (days): STANDARD			
State, Zip: CA, 91313				
Phone: 818-727-2553(Tel) x 1012	PO #: Purchase Order Requested			
Email: RobertClark@cscenv.com	WO #:			
Project Name: Lincoln Jail	Project #: 44021134			
Site: JAIL Building interior ceiling light fixtures	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - PCB 7 Aroclors-TCSA	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N M		
PCBW001	10/2/18	7:39am							10cm x 10cm Basement SE
PCBW002	10/2/18	7:51pm							10cm x 10cm 1st floor corridor
PCBW003	10/2/18	8:03am							10cm x 10cm 2nd floor
PCBW004	10/2/18	8:11am							10cm x 10cm 3rd floor
PCBW005	10/2/18	8:20am							10cm x 10cm 4th floor
PCBW006	10/2/18	8:28am							10cm x 10cm 5th floor

440-221336 Chain of Custody

LB 10/3/18

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time	Method of Shipment: 9:30am

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	10/2/18 2pm		[signature]	10/3/18 10:00am	TA-IRV
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
				SJ 10-3-18	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No: 8133846300 68
Cooler Temperature(s) °C and Other Remarks: 6.4/6.5 IR-88 melted ice

Ver 08/04/2016

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

2.4|3.3

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-127291.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: danielle.roberts@testamericainc.com	State of Origin: California	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - California		Job #: 440-221336-1
Address: 4101 Shuffel Street NW,	Due Date Requested: 10/8/2018			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Lincoln Jail	Project #: 44021134			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

C-~~58~~ 68

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082/3540C PCB Standard List 9 Aroclors	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
PCBW001 (440-221336-1)	10/2/18	07:39 Pacific		Wipe			X	1	
PCBW002 (440-221336-2)	10/2/18	07:51 Pacific		Wipe			X	1	
PCBW003 (440-221336-3)	10/2/18	08:03 Pacific		Wipe			X	1	
PCBW004 (440-221336-4)	10/2/18	08:11 Pacific		Wipe			X	1	
PCBW005 (440-221336-5)	10/2/18	08:20 Pacific		Wipe			X	1	
PCBW006 (440-221336-6)	10/2/18	08:28 Pacific		Wipe			X	1	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 10/3/18 @ 1700	Company: [illegible]	Received by: POP	Date/Time: 10-4-18 830	Company: TAC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 09/20/2016

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** _____
Canton Facility

Client TA IRVINE Site Name —
Cooler Received on 10-4-18 Opened on 10-4-18
Cooler unpacked by: BOP
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp. 2.4 °C Corrected Cooler Temp. 3.3 °C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 — Yes No
   - Were the seals on the outside of the cooler(s) signed & dated? — Yes No NA
   - Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? — Yes No
   - Were tamper/custody seals intact and uncompromised? — Yes No NA
3. Shippers' packing slip attached to the cooler(s)? — Yes No
4. Did custody papers accompany the sample(s)? — Yes No
5. Were the custody papers relinquished & signed in the appropriate place? — Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? — Yes No
7. Did all bottles arrive in good condition (Unbroken)? — Yes No
8. Could all bottle labels be reconciled with the COC? — Yes No
9. Were correct bottle(s) used for the test(s) indicated? — Yes No
10. Sufficient quantity received to perform indicated analyses? — Yes No
11. Are these work share samples? — Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? — Yes No NA pH Strip Lot# **HC849161**
13. Were VOAs on the COC? — Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. — Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ — Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ — Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

WI-NC-099

Login Sample Receipt Checklist

Client: Clark Seif Clark, Inc.

Job Number: 440-221336-1
SDG Number: Jail Building Interior Ceiling Lights Fixtures

Login Number: 221336
List Number: 1
Creator: Bonta, Lucia F

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Analysis listed on COC; individual samples not designated for specific analyses
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	

APPENDIX D

SITE PHOTOS

`

Photo 1: East elevation, south entrance to the jail building

Photo 2: East elevation, north entrance to the jail building

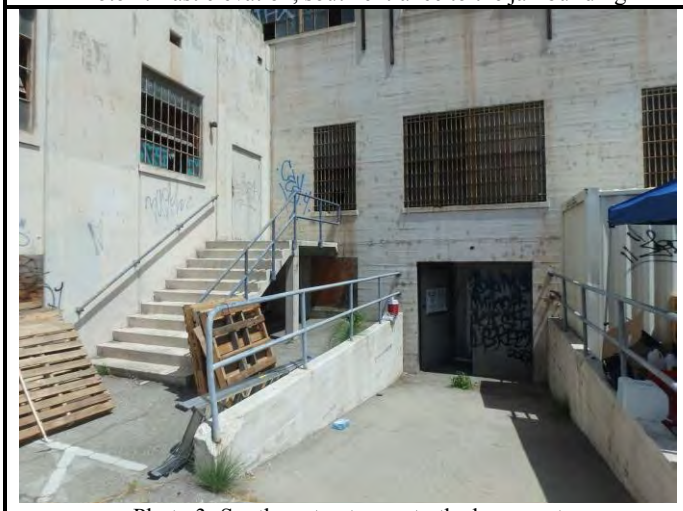


Photo 3: Southwest entrance to the basement

Photo 4: West elevation

Photo 5: South elevation of the jail building

Photo 6: West wing roof with ACM roofing felt

Photo 7: North roof yard

Photo 8: South roof yard with ACM roofing felt

Photo 9: Rooftop fan room

Photo 10: Core of CM roofing felt

Photo 11: Fan unit with ACM vibration reducer in the roof fan room

Photo 12: ACM electrical panels and wiring in the roof fan room

Photo 13: ACM electrical panels and wiring in the roof fan room

Photo 14: ACM electrical panels and ACM wiring in the roof elevator room; also heavy bird dropping contamination

Photo 15: ACM debris on the north roof

Photo 16: 1st Floor roof over the kitchen

Photo 17: ACM roof mastic and CFC HVAC equipment

Photo 18: ACM exterior window frame and seam caulk

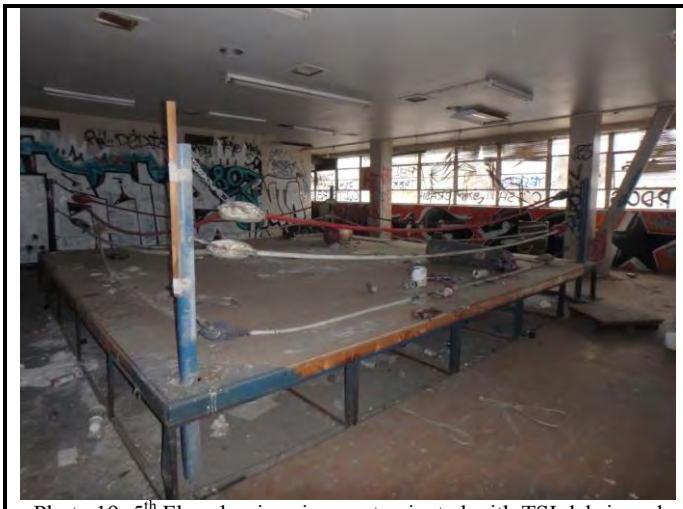


Photo 19: 5th Floor boxing ring contaminated with TSI debris and bird droppings

Photo 20: Contents in a 5th floor office

Photo 21: Pigeon droppings in a 5th floor office

Photo 22: Scattered TSI Debris and drinking fountain with potential CFC

Photo 23: ACM concrete on the cell beds and walls

Photo 24: Typical interior contaminated with TSI debris, bird droppings and LBP debris

Photo 25: TSI debris

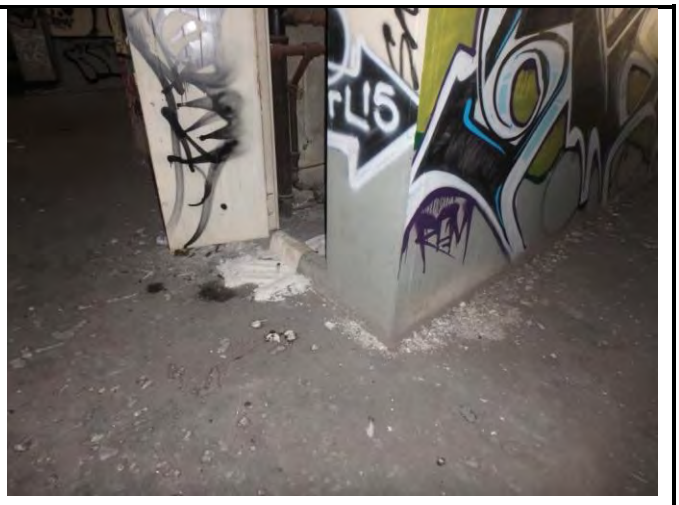


Photo 26: TSI debris

Photo 27: Elevator shaft

Photo 28: TSI debris in the pipe chases

Photo 29: Ceiling space

Photo 30: TSI debris in the ceiling space

Photo 31: Pigeon droppings in the ceiling space

Photo 32: Dead animals in the ceiling space

Photo 33: Dead pigeons in the stairwells

Photo 34: Old computer monitors in the basement

Photo 35: Old paint buckets and TV in the north room of the basement

Photo 36: TSI debris in the basement laundry room

Photo 37: ACM flex collar in the basement HVAC ducting

Photo 38: Ballast with “no PBC’s” label

Photo 39: Ballast that does not indicate “No PCB’s”

Photo 40: Ballast with missing label

Photo 41: PCB containing oil on the light fixture

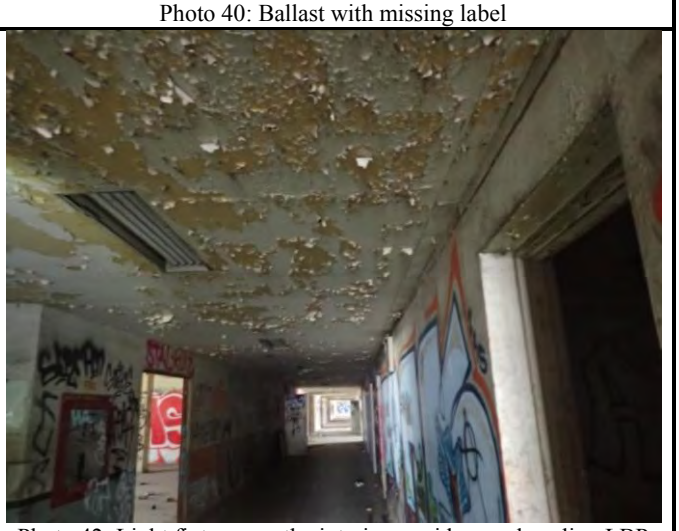


Photo 42: Light fixtures on the interior corridors and peeling LBP

`

Photo 43: Warehouse building

Photo 44: LBP on the bollards

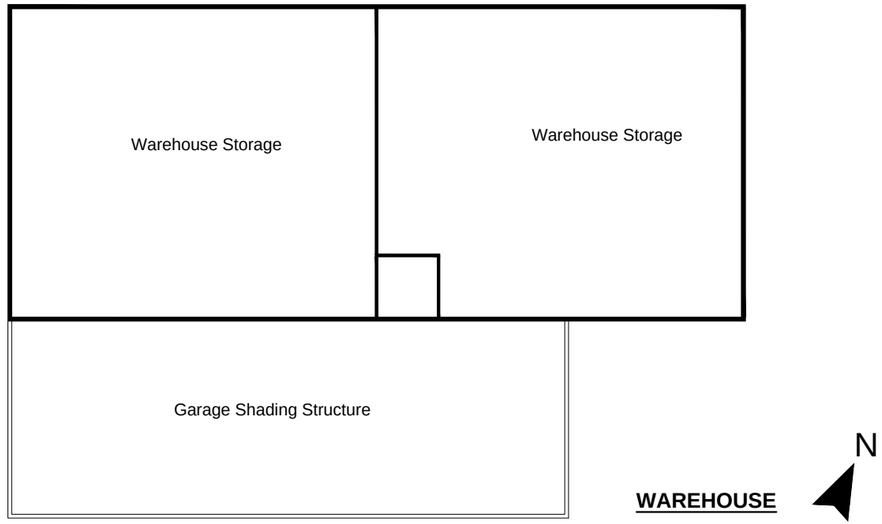
Photo 45: Office Building west elevation

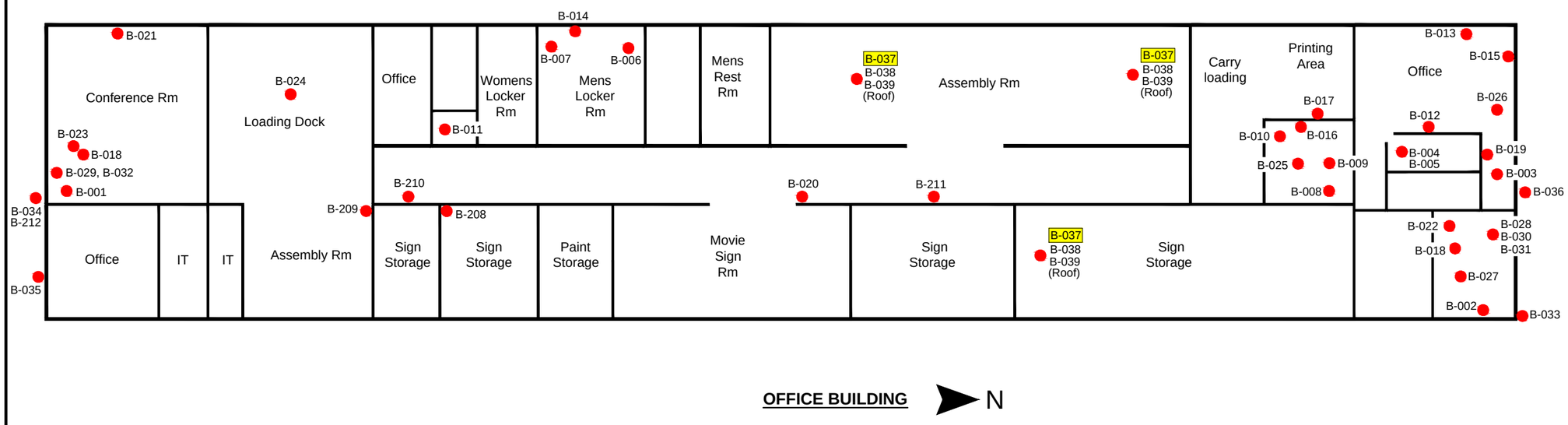
Photo 46: Office building south elevation

APPENDIX E

SITE PLANS

`





LEGEND

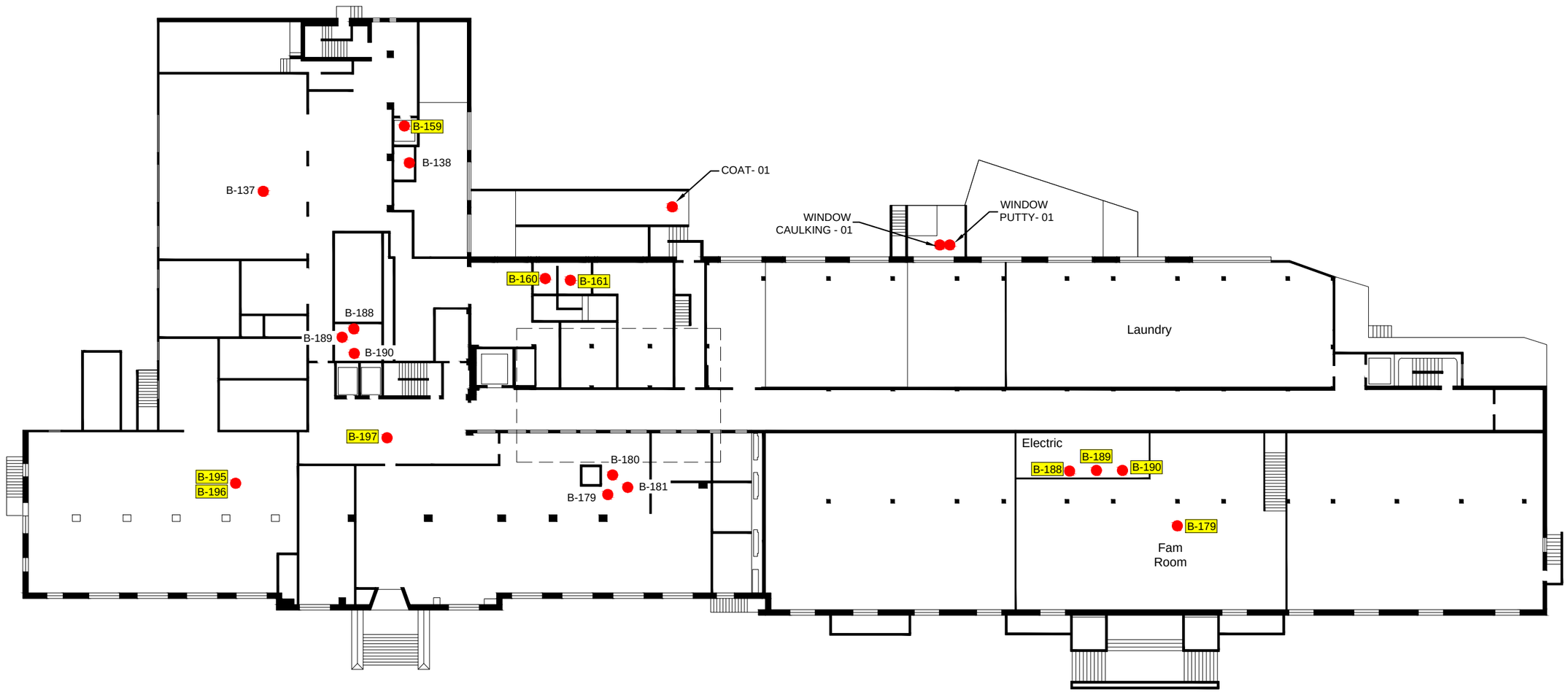
ACM	Asbestos Containing Material
●	ACM Sample Location
B-xxx	ACM Positive Sample Location

0 20'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 1
Hazardous Materials Survey
ACM
Warehouse and Office Building

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

ACM Asbestos Containing Material

● ACM Sample Location

B-xxx ACM Positive Sample Location

NOTE:

1. Scattered TSI Debris is Present Throughout the Basement.

N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 5
Hazardous Materials Survey
ACM
Jail Building - Basement

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031

LEGEND

ACM Asbestos Containing Material

● ACM Sample Location

B-xxx ACM Positive Sample Location

NOTE:

1. Scattered TSI Debris is Present Throughout the First Floor.

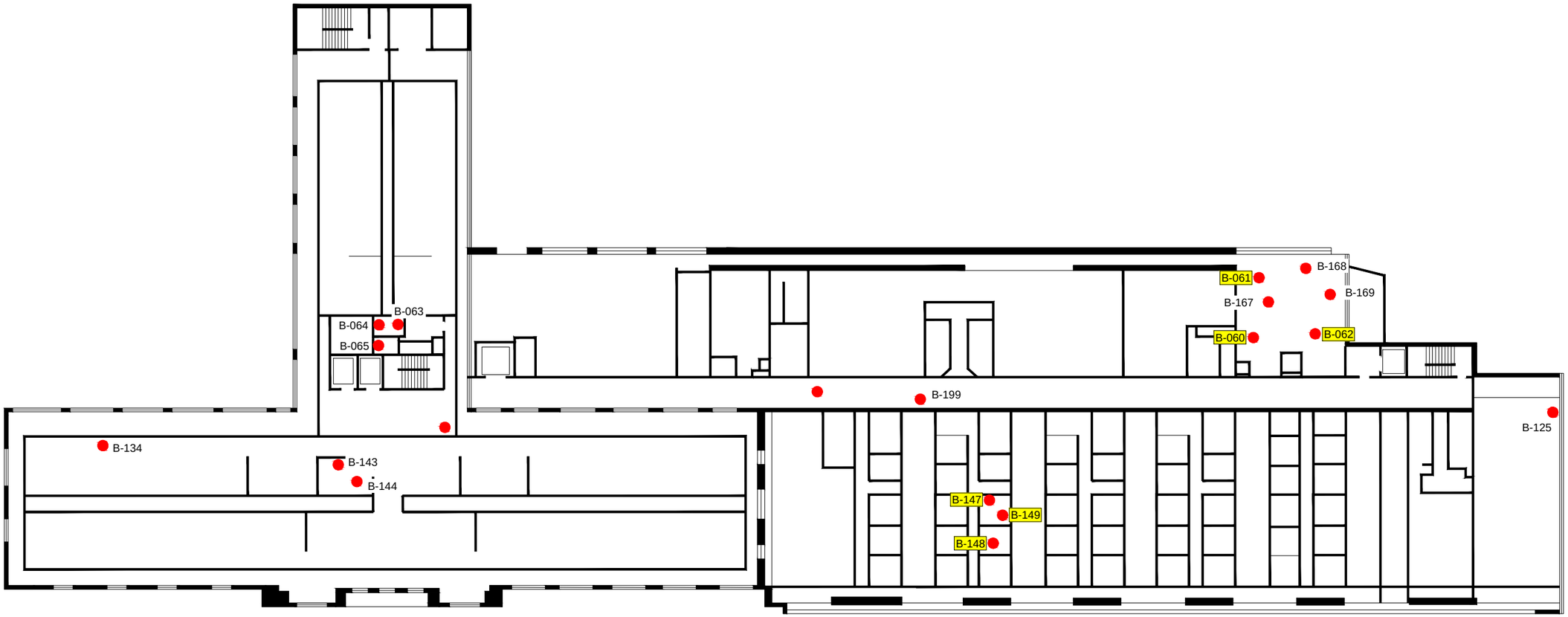
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 8
Hazardous Materials Survey
ACM
Jail Building - First Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

ACM Asbestos Containing Material

● ACM Sample Location

B-xxx ACM Positive Sample Location

NOTE:

1. Scattered TSI Debris is Present Throughout the Second Floor.

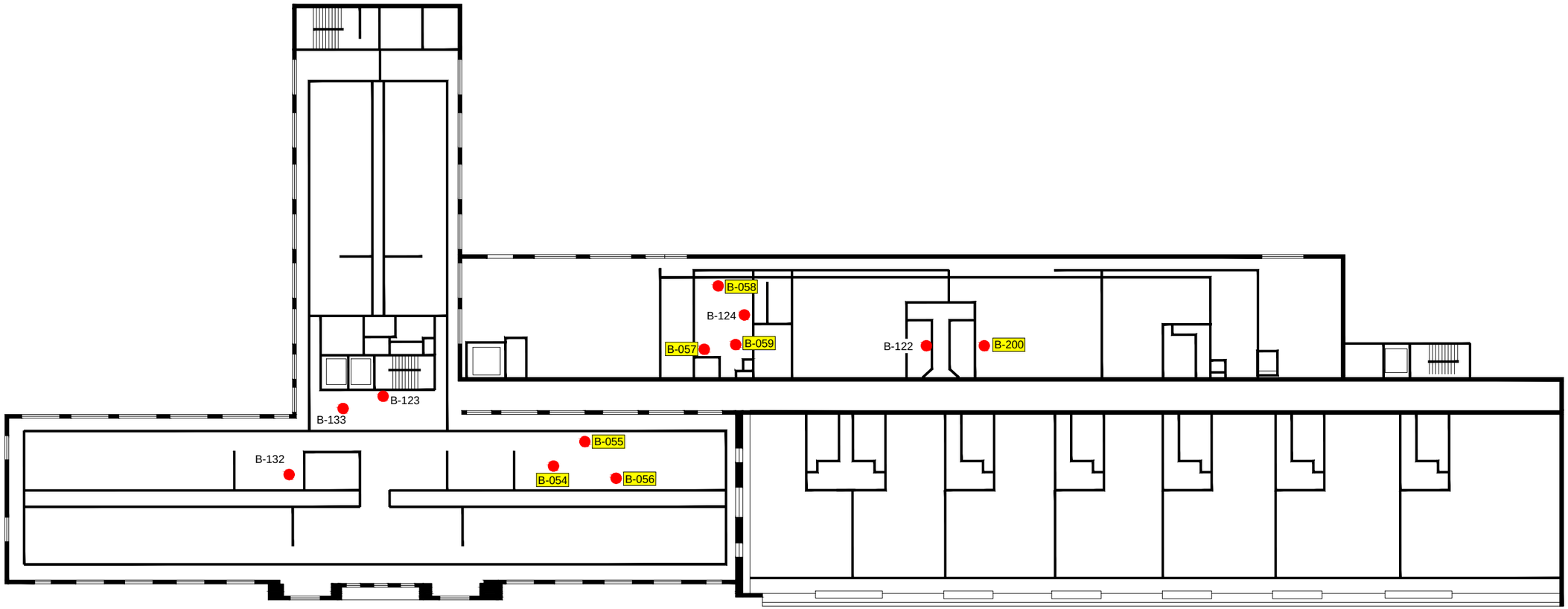
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 11
Hazardous Materials Survey
ACM
Jail Building - Second Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

ACM Asbestos Containing Material

● ACM Sample Location

B-xxx ACM Positive Sample Location

NOTE:

1. Scattered TSI Debris is Present Throughout the Third Floor.

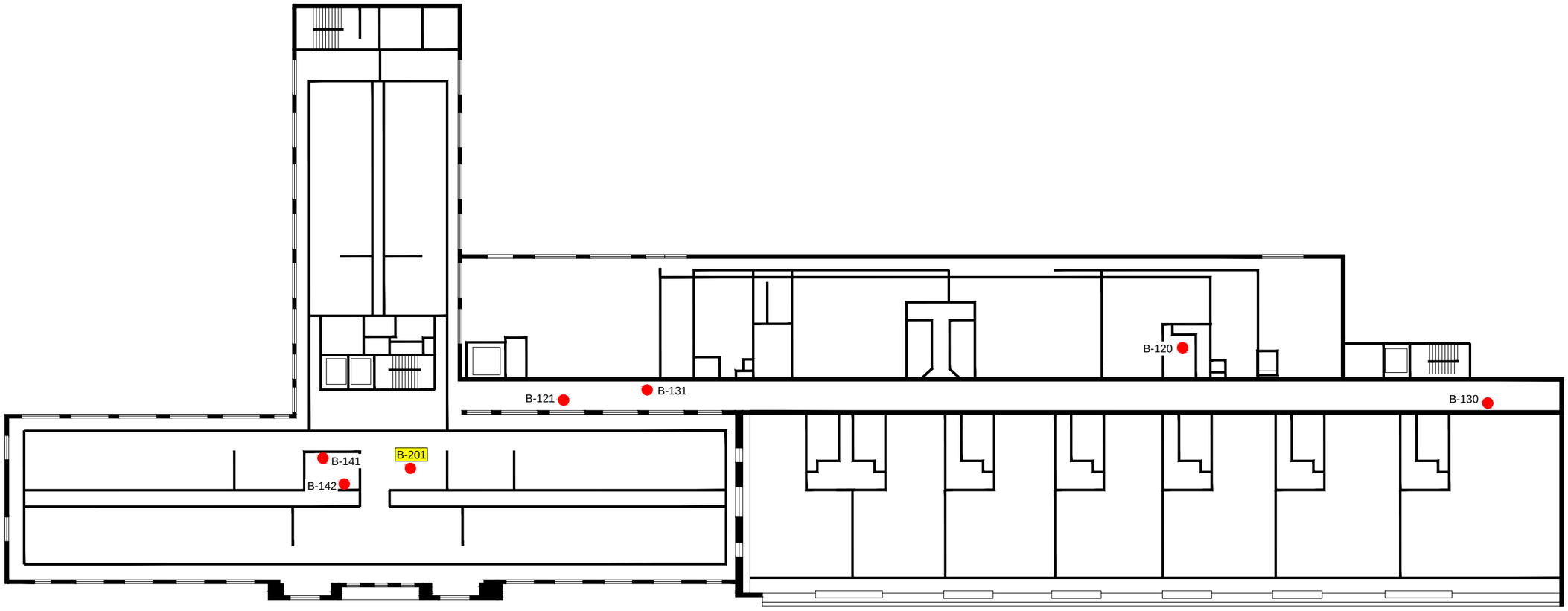
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 14
Hazardous Materials Survey
ACM
Jail Building - Third Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

ACM Asbestos Containing Material

● ACM Sample Location

B-xxx ACM Positive Sample Location

NOTE:

1. Scattered TSI Debris is Present Throughout the Fourth Floor.

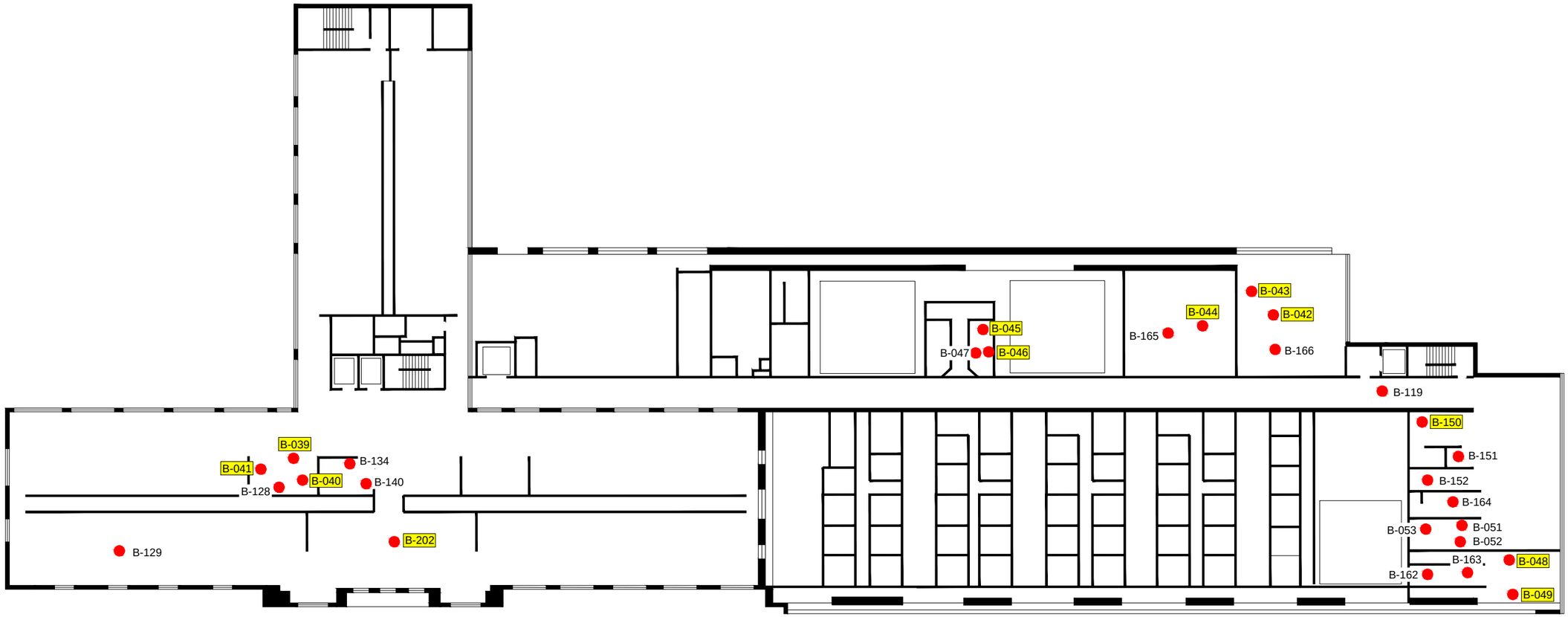
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 17
Hazardous Materials Survey
ACM
Jail Building - Fourth Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

ACM Asbestos Containing Material

● ACM Sample Location

B-xxx ACM Positive Sample Location

NOTE:

1. Scattered TSI Debris is Present Throughout the Fifth Floor.

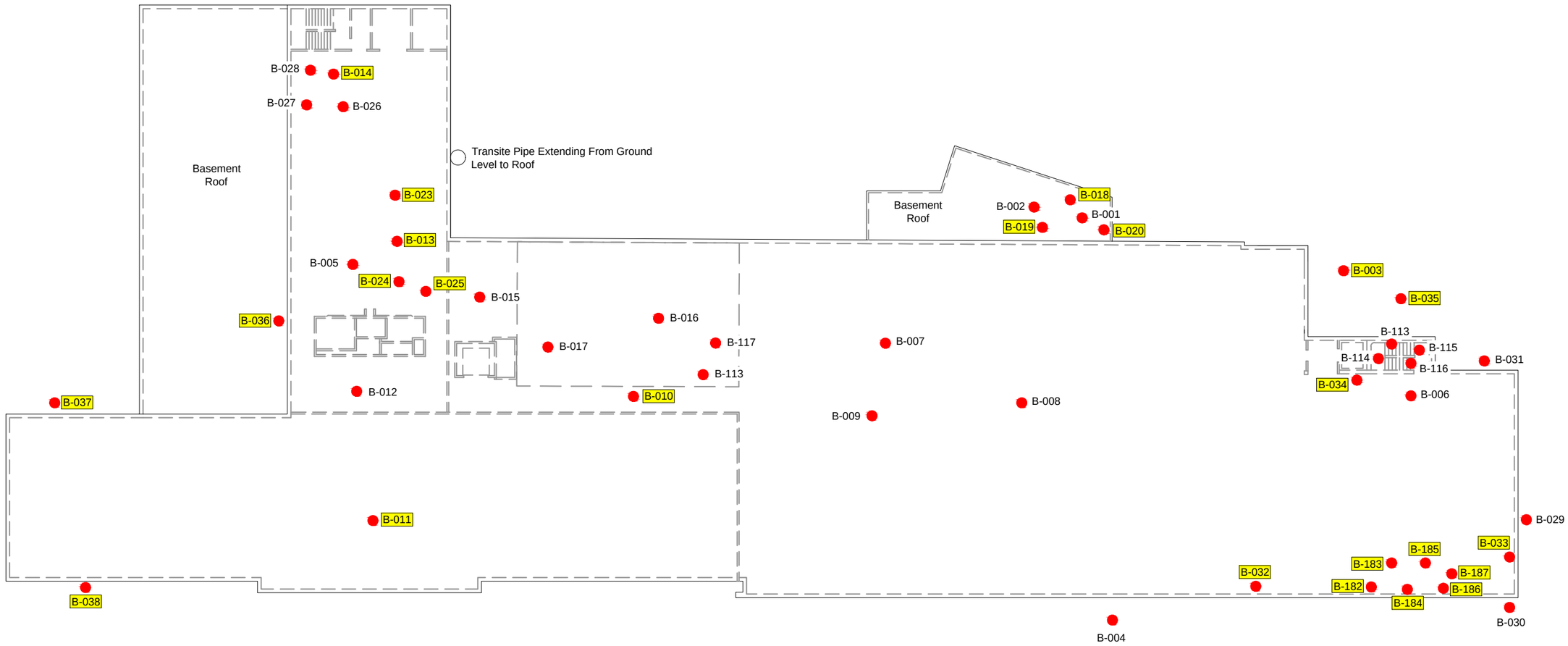
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 20
Hazardous Materials Survey
ACM
Jail Building - Fifth Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

ACM Asbestos Containing Material

● ACM Sample Location

B-xxx ACM Positive Sample Location

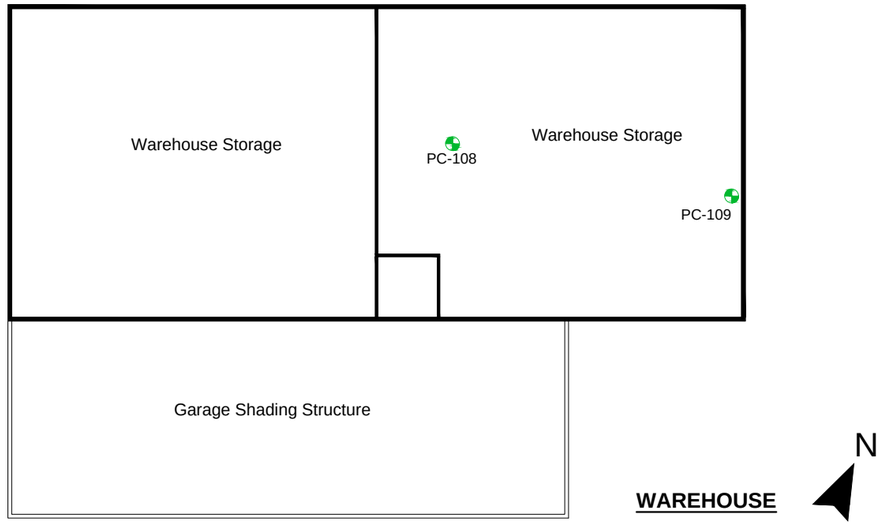
N

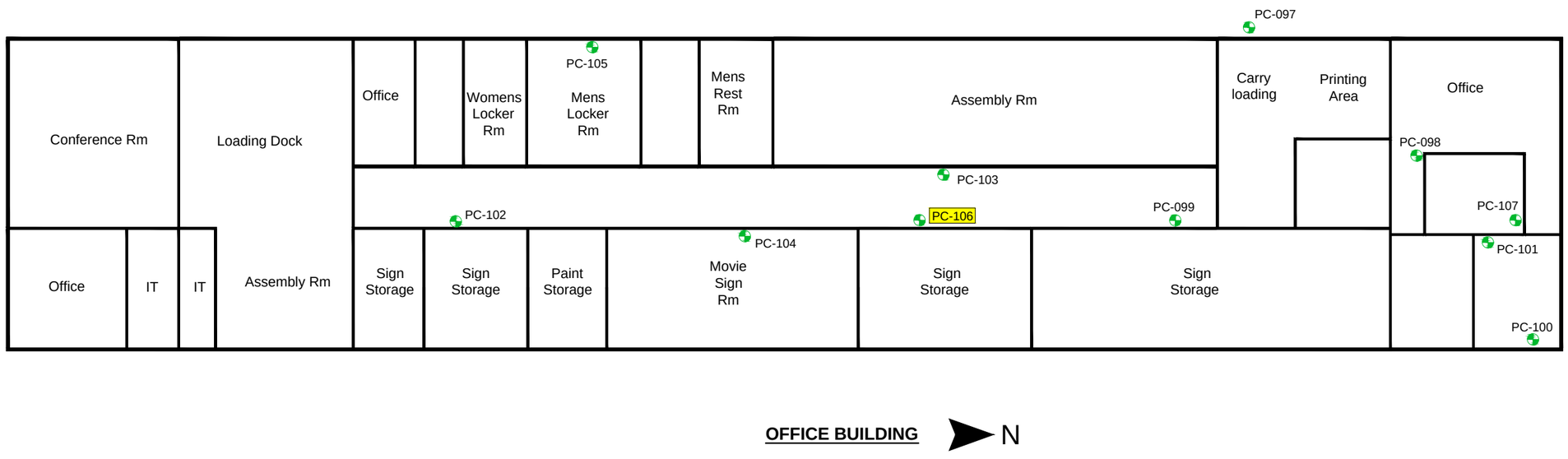
0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 23
Hazardous Materials Survey
ACM
Jail Building - Roof

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031





LEGEND

LBP	Lead Based Paint
	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

0 20'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 2
Hazardous Materials Survey
Paint Chip
Warehouse and Office Building

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031

LEGEND

LBP	Lead Based Paint
	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 3
Hazardous Materials Survey
Paint Chip
Jail Building - Basement

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031

LEGEND

LBP	Lead Based Paint
	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 6
Hazardous Materials Survey
Paint Chip
Jail Building - First Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031

LEGEND

LBP	Lead Based Paint
	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

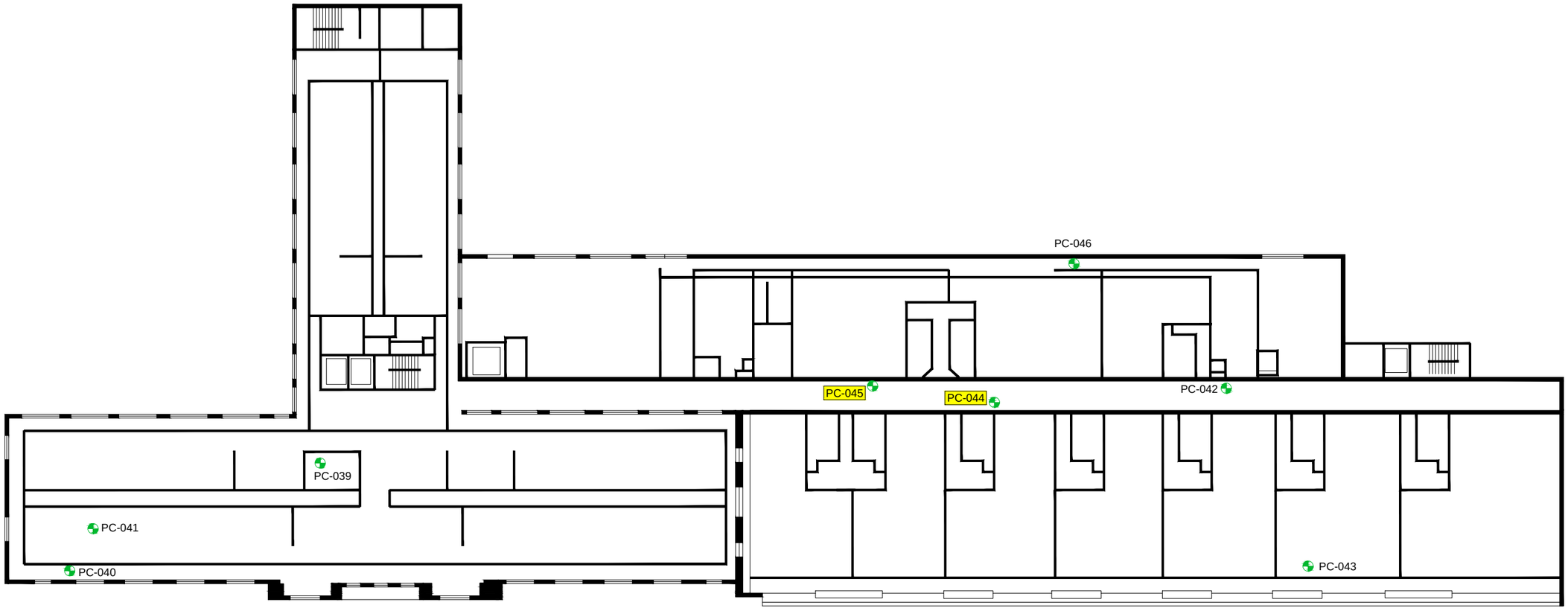
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 9
Hazardous Materials Survey
Paint Chip
Jail Building - Second Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

LBP	Lead Based Paint
●	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

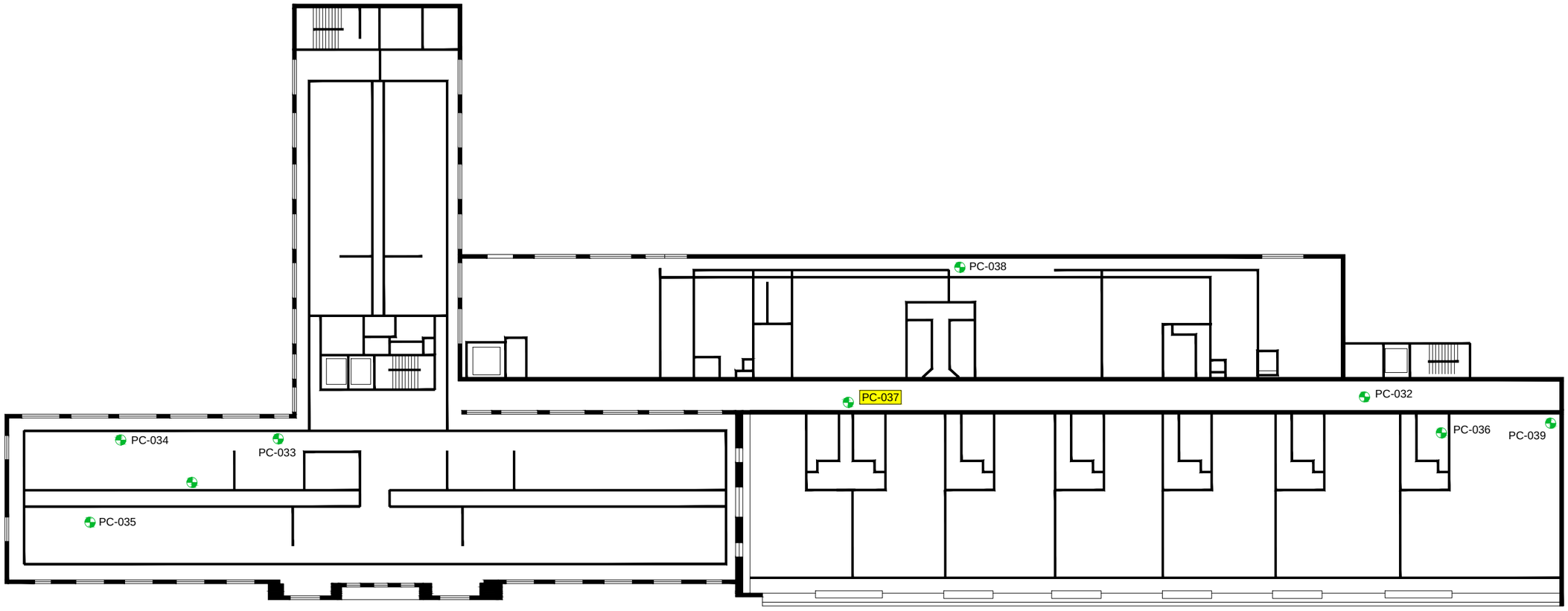
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 12
Hazardous Materials Survey
Paint Chip
Jail Building - Third Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

LBP	Lead Based Paint
	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

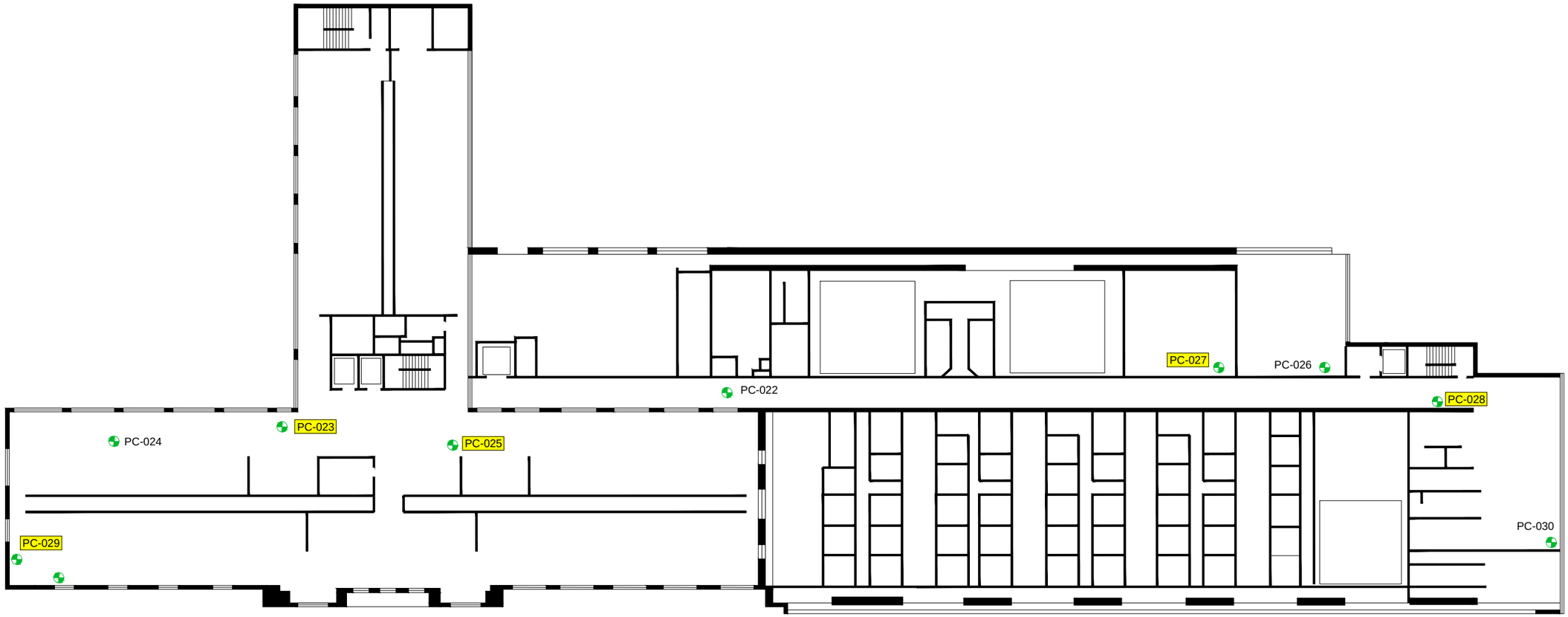
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 15
Hazardous Materials Survey
Paint Chip
Jail Building - Fourth Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

LBP	Lead Based Paint
	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 18
Hazardous Materials Survey
Paint Chip
Jail Building - Fifth Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031

LEGEND

LBP	Lead Based Paint
	Paint Chip Sample Location
PC-xxx	LBP Positive Sample Location

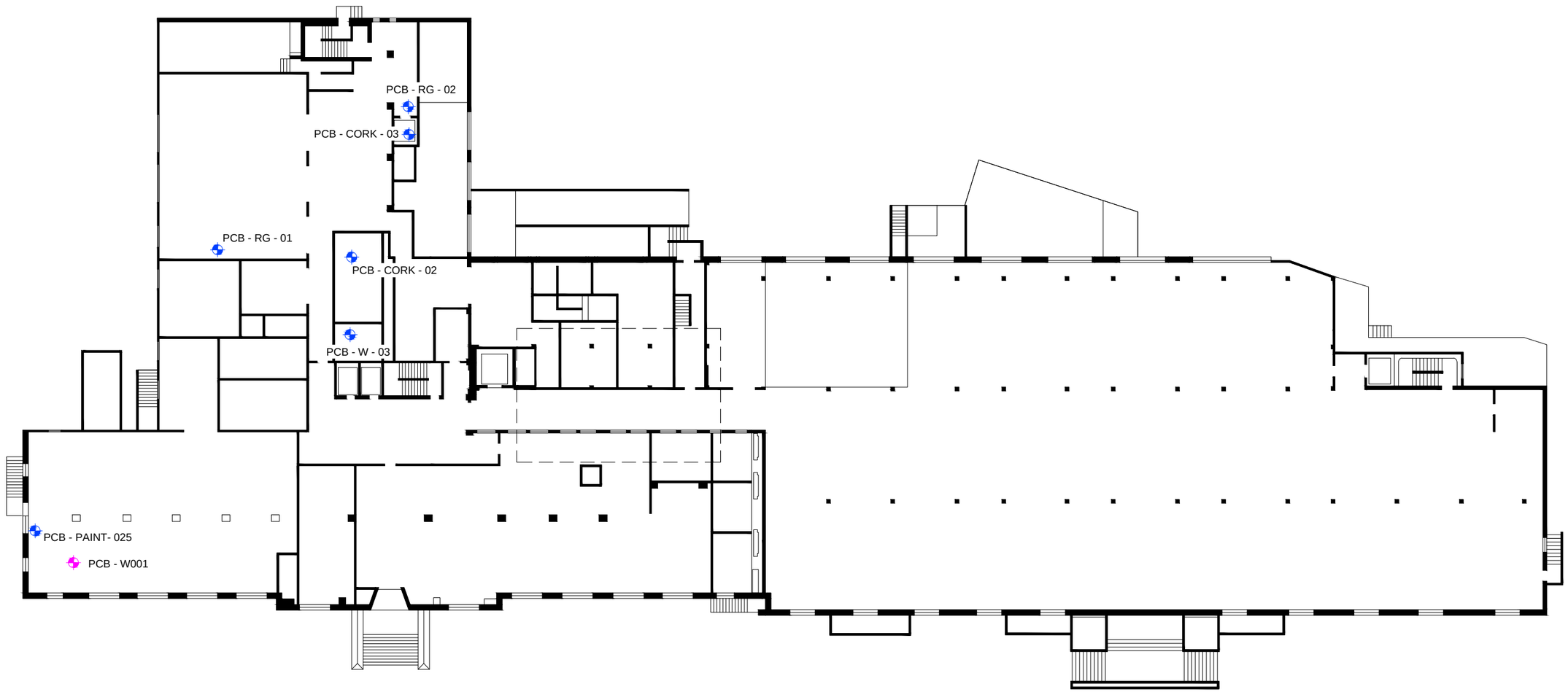
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 21
Hazardous Materials Survey
Paint Chip
Jail Building - Roof

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

- PCB Sample Location
- PCB Wipe Sample Location

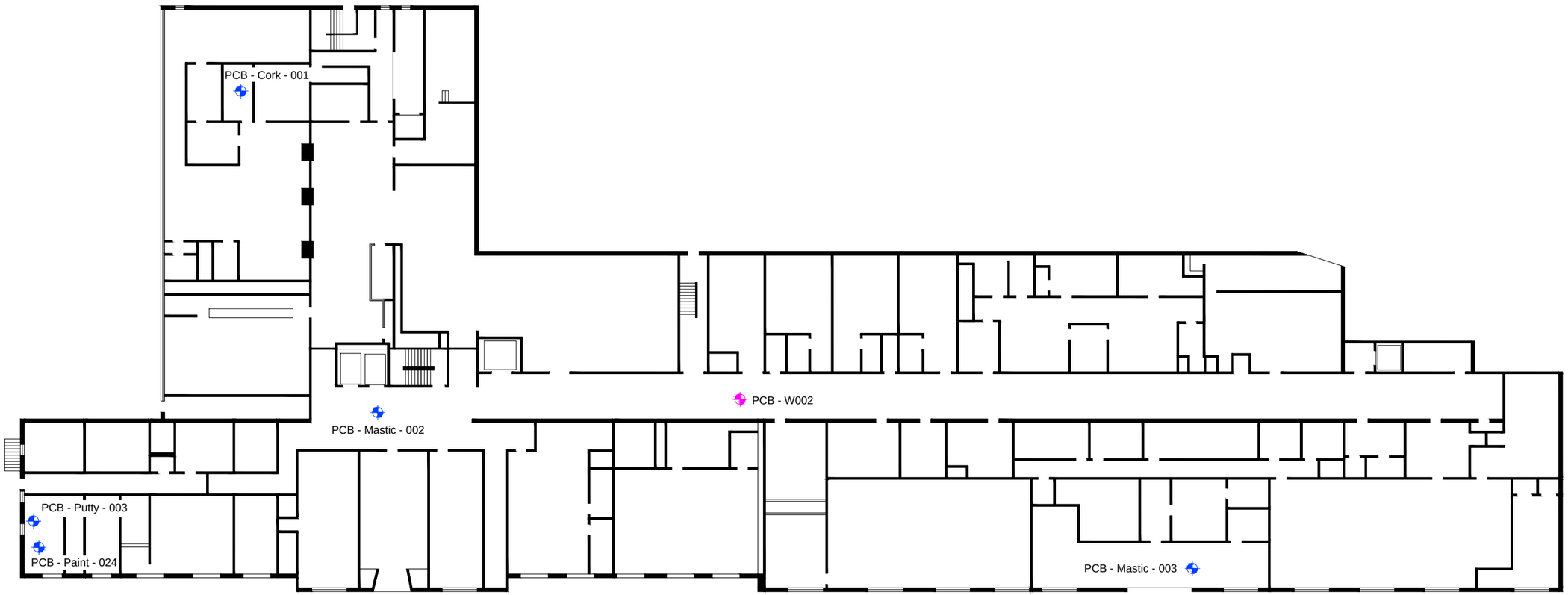
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 4
Hazardous Materials Survey
PCB
Jail Building - Basement

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

- PCB Sample Location
- PCB Wipe Sample Location

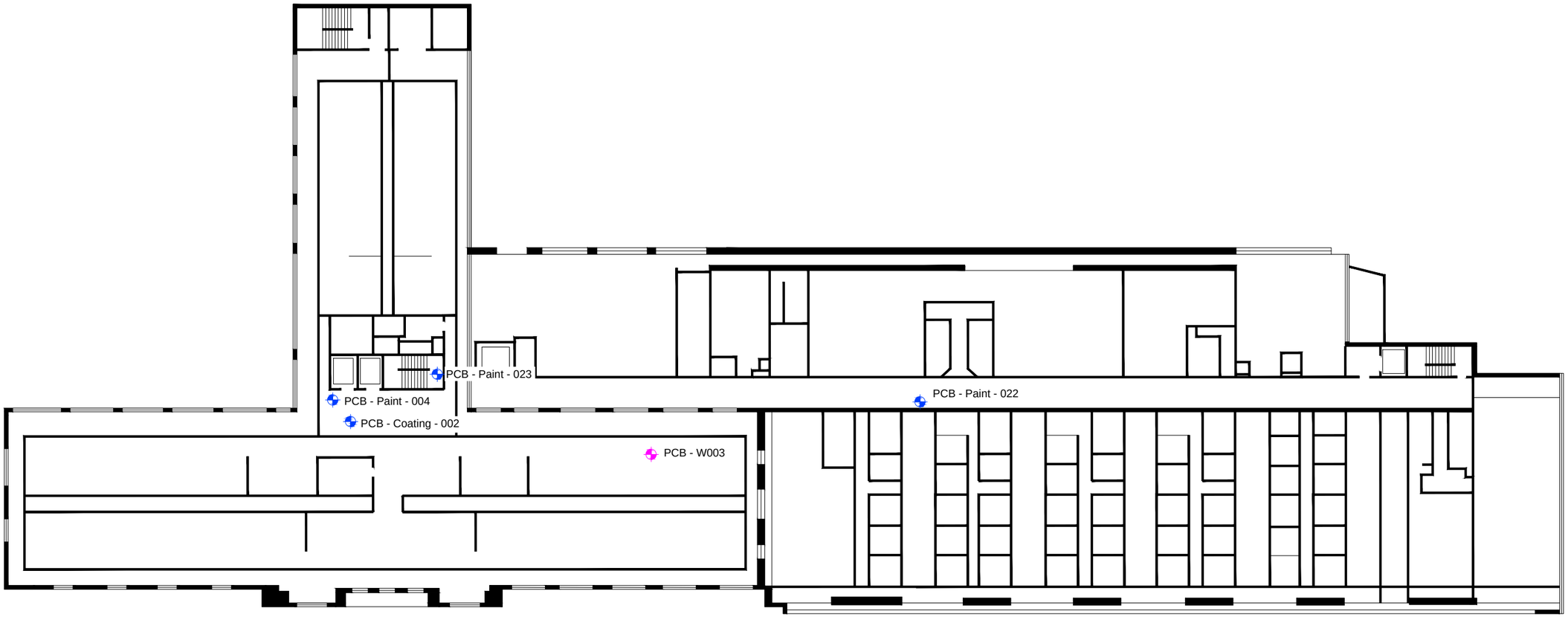
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 7
Hazardous Materials Survey
PCB
Jail Building - First Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

PCB Sample Location

PCB Wipe Sample Location

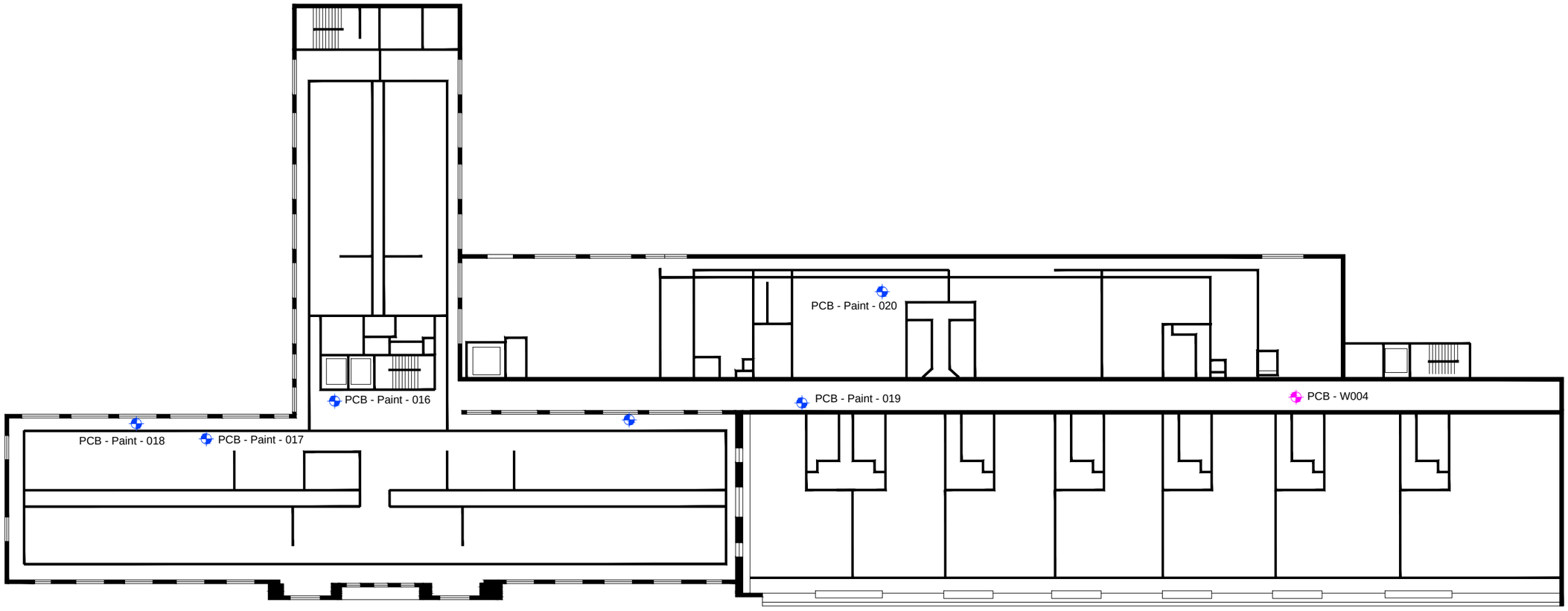
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 10
Hazardous Materials Survey
PCB
Jail Building - Second Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

PCB Sample Location

PCB Wipe Sample Location

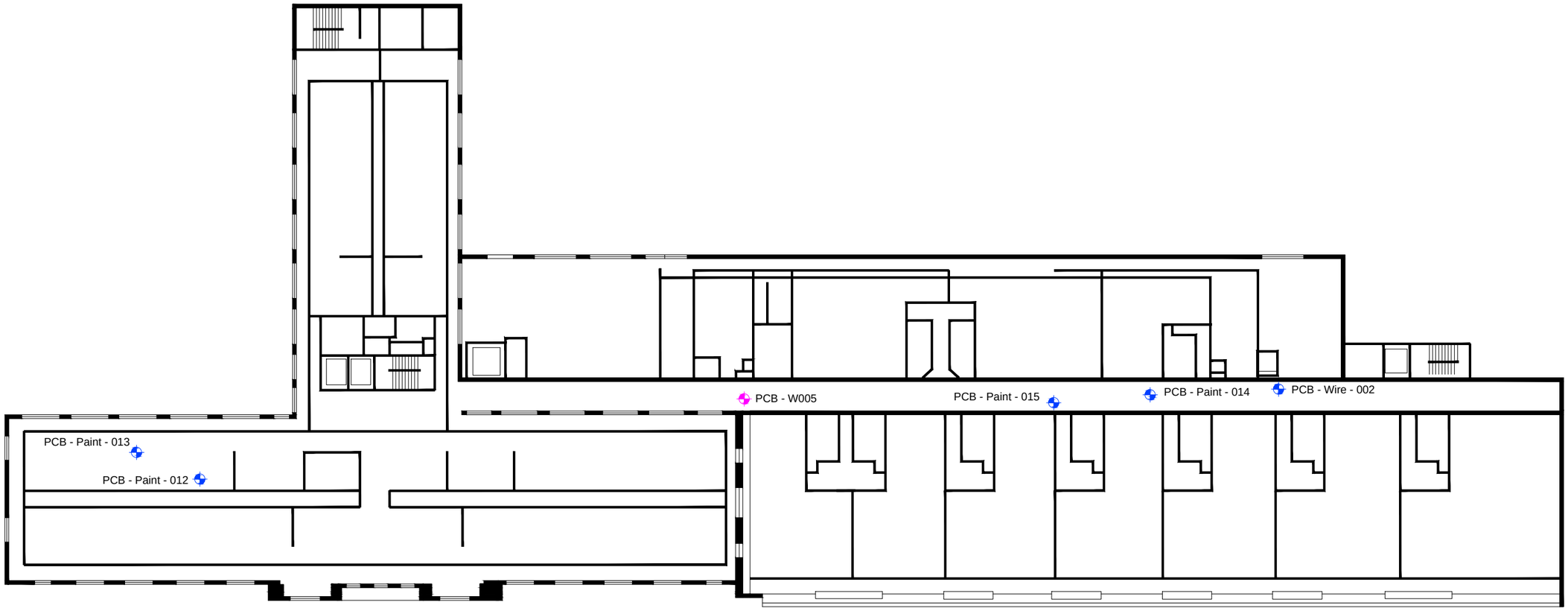
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 13
Hazardous Materials Survey
PCB
Jail Building - Third Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

PCB Sample Location

PCB Wipe Sample Location

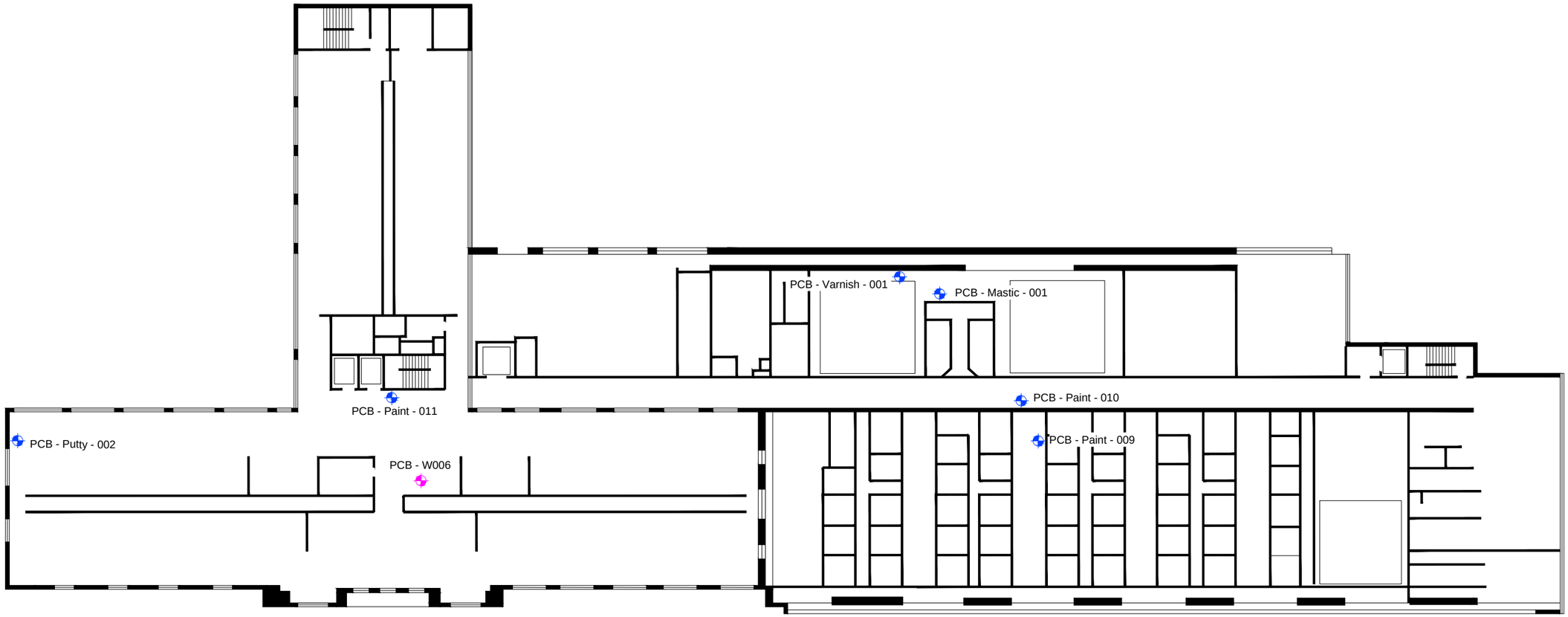
N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 16
Hazardous Materials Survey
PCB
Jail Building - Fourth Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031



LEGEND

PCB Sample Location

PCB Wipe Sample Location

N

0 30'

CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Figure 19
Hazardous Materials Survey
PCB
Jail Building - Fifth Floor

Old Lincoln Heights Jail
401 N. Avenue 19,
Los Angeles, CA 90031

APPENDIX F

ACCREDITATIONS AND CERTIFICATIONS

`

State of California
Division of Occupational Safety and Health

Certified Asbestos Consultant

Robert Gerald Clark
Name

Certification No. **00-2752**

Expires on **06/02/19**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related Construction Certificate	Certificate Type	Expiration Date
	Inspector/Assessor	09/01/2019
	Project Designer	09/01/2019

Robert G. Clark

ID #: 5057

THIS CERTIFIES THAT

ROBERT CLARK

Has Completed the

8-Hour Hazwopper Refresher Training Course

In accordance with 29 CFR 1910.120 (e)(8) completed on 04/07/2018 in Chatsworth, CA

Instructor
Jeffrey Bannon

Certificate Of Completion

Asbestos Building Inspector Initial Course

DOSH #:CA-015-05

Charles "Noah" Cordova

ABII0530180002N15475

Alan Dages

Principal Instructor

Michael W. Horner

Training Director

5/30/2018	6/1/2018	6/1/2018	6/1/2019
Course Start Date	Course End Date	Exam Date	Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC International, Inc.

National Association of Training and Environmental Consulting

1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993
(916) 483-0572 Fax Notification
Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739
Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

NATEC International, Inc.

National Association of Training and Environmental Consulting

Anaheim, CA • Oakland, CA • Fresno, CA • Sacramento, CA

Asbestos • Lead • Mold • HAZWOPER

P.O. Box 25205 Anaheim, CA 92825-5205

(714) 678-2750, (800) 969-3228, Fax (714) 678-2757

www.natecintl.com

NATEC International, Inc.

National Association of Training and Environmental Consulting

*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That

Charles "Noah" Cordova

Holds Training Certification For

Asbestos Building Inspector Initial Course

(Valid for 12 months)

Training Date 5/30/2018

Certificate No. ABII0530180002N15475

Michael W. Horner

Training Director

Certificate Of Completion

Hazardous Waste Operations and Emergency Response
40 Hr General Site Worker

Charles "Noah" Cordova

HWOER180625293N15527

Frank Morales

Principal Instructor

Michael W. Horner

Michael W. Horner
Training Director

6/25/2018	6/29/2018	6/29/2018	6/29/2019
Course Start Date	Course End Date	Exam Date	Expiration Date

40 Hours of Hazardous Waste Operations and Emergency Response Training as required by the Code of Federal Regulations 29, 1910.120 and the California Code of Regulations Title 8, 5192.

NATEC International, Inc.
National Association of Training and Environmental Consulting

1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993
(916) 483-0572 Fax Notification
Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739
Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

NATEC International, Inc.
National Association of Training and Environmental Consulting
Anaheim, CA • Oakland, CA • Fresno, CA • Sacramento, CA

Asbestos • Lead • Mold • HAZWOPER

P.O. Box 25205 Anaheim, CA 92825-5205
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That
Charles "Noah" Cordova

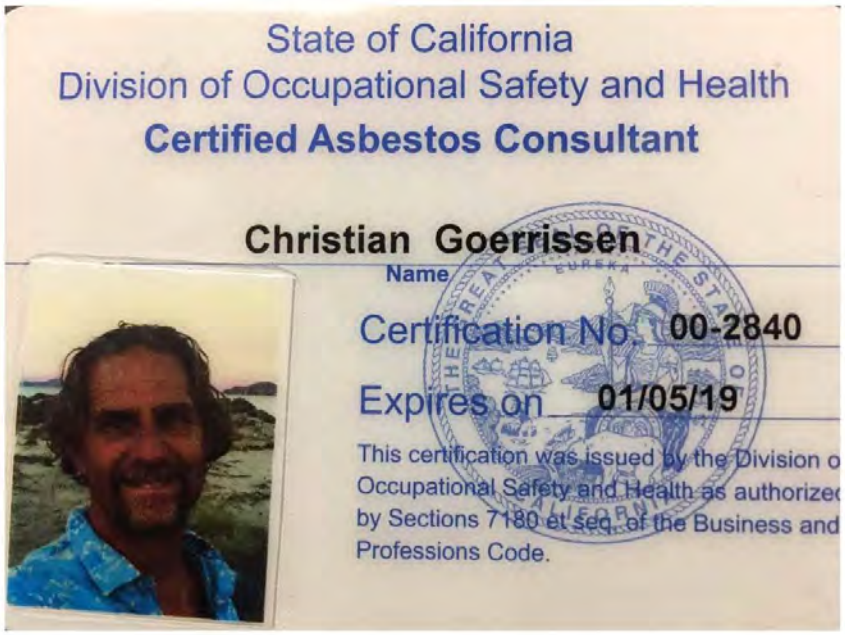
Holds Training Certification For
Hazardous Waste Operations and Emergency Response

(Valid for 12 months)

Training Date 6/25/2018
Certificate No. HWOER180625293N15527

Michael W. Horner
Training Director

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL



Christian Goerrissen, CAC
818-402-9844

Certificate of Completion

OSHA EDUCATION CENTER®

AMERICAN SAFETY COUNCIL

CHRISTIAN GOERRISSEN

has successfully completed the following course:

OSHA 40-Hour HAZWOPER Training

8/8/2018

Certificate Of Completion

Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

Ivan Paxton Jr.

ABIR0820180002N15631

Anthony Tasca

Principal Instructor

Michael W. Horner

Michael W. Horner
Training Director

8/20/2018	8/20/2018	8/20/2018	8/20/2019
Course Start Date	Course End Date	Exam Date	Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC International, Inc.
National Association of Training and Environmental Consulting

1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993
(916) 483-0572 Fax Notification
Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739
Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

NATEC International, Inc.
National Association of Training and Environmental Consulting
Anaheim, CA • Oakland, CA • Fresno, CA • Sacramento, CA

Asbestos • Lead • Mold • HAZWOPER

P.O. Box 25205 Anaheim, CA 92825-5205
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That
Ivan Paxton Jr.

Holds Training Certification For
Asbestos Building Inspector Refresher Course

(Valid for 12 months)

Training Date 8/20/2018
Certificate No. ABIR0820180002N15631

Michael W. Horner
Training Director

Certificate Of Completion

Hazardous Waste Operations and Emergency Response
40 Hr General Site Worker

Ivan Paxton Jr

40HAZ1804274N15405

Guillermo Renteria

Principal Instructor

Michael W. Horner

Michael W. Horner
Training Director

4/23/2018	4/27/2018	4/27/2018	4/27/2019
Course Start Date	Course End Date	Exam Date	Expiration Date

40 Hours of Hazardous Waste Operations and Emergency Response Training as required by the Code of Federal Regulations 29, 1910.120 and the California Code of Regulations Title 8, 5192.

NATEC International, Inc.
National Association of Training and Environmental Consulting

1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993
(916) 483-0572 Fax Notification
Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739
Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

NATEC International, Inc.
National Association of Training and Environmental Consulting
Anaheim, CA • Oakland, CA • Fresno, CA • Sacramento, CA

Asbestos • Lead • Mold • HAZWOPER

P.O. Box 25205 Anaheim, CA 92825-5205
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That
Ivan Paxton Jr

Holds Training Certification For
Hazardous Waste Operations and Emergency Response

(Valid for 12 months)

Training Date 4/23/2018
Certificate No. 40HAZ1804274N15405

Michael W. Horner
Training Director

APPENDIX D
LABORATORY REPORTS AND DATA VALIDATION REPORTS

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2018
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	Weston Solutions, Inc.
Laboratory Reference:	WST 23788
Project Name:	Lincoln Heights Jail Site
Project Number:	1027333.02
Date Received:	8/23/2018
Date Reported:	8/30/2018
Chain of Custody Received:	☑
Analytical Method:	8015B, 8310, 8082, 8260B, 6010B, 7471A,

Mark Noorani, Laboratory Director

© This report may only be reproduced in full. Any partial reproduction of this report requires written permission from Orange Coast Analytical, Inc.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 4.8ºC, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	Soil
SS-01-2	23788-002	8/23/2018	8/22/2018	Soil
SS-05-0	23788-003	8/23/2018	8/22/2018	Soil
SS-05-2	23788-004	8/23/2018	8/22/2018	Soil
SS-06-0	23788-005	8/23/2018	8/22/2018	Soil
SS-07-0	23788-006	8/23/2018	8/22/2018	Soil
SS-09-2	23788-007	8/23/2018	8/22/2018	Soil
SS-06-2	23788-008	8/23/2018	8/22/2018	Soil
SS-02-0	23788-009	8/23/2018	8/23/2018	Soil
SS-02-2	23788-010	8/23/2018	8/23/2018	Soil
SS-08-0	23788-011	8/23/2018	8/23/2018	Soil
SS-03-0	23788-012	8/23/2018	8/23/2018	Soil
SS-03-2	23788-013	8/23/2018	8/23/2018	Soil
SS-04-0	23788-014	8/23/2018	8/23/2018	Soil
SS-04-2	23788-015	8/23/2018	8/23/2018	Soil
Trip Blank	23788-016	8/23/2018		Water

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	91	Octacosane	129
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	650	Octacosane	129
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	131
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	131
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	60	Octacosane	117
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	480	Octacosane	117
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	110	Octacosane	123
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	400	Octacosane	123
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	29	Octacosane	130
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	160	Octacosane	130
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	110	Octacosane	130
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	430	Octacosane	130
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	25	Octacosane	130
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	330	Octacosane	130
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	133
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg
MROs	49

Surrogate:	% RC*
Octacosane	133

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg
DROs	87

Surrogate:	% RC*
Octacosane	124

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg
MROs	460

Surrogate:	% RC*
Octacosane	124

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg
DROs	11

Surrogate:	% RC*
Octacosane	122

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg
MROs	85

Surrogate:	% RC*
Octacosane	122

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBBL0824181			8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	111

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBBL0824181			8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	111

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/22/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	70

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	8/22/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/22/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	0.25	α-α-α-Trifluorotoluene	Matrix

Dilution Factor: 1
Data Qualifiers: S10,

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	82

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	81

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	76

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	66

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	76

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBTS0824181			8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg
GROs[1]	<0.20

Surrogate:	% RC*
α-α-α-Trifluorotoluene	72

* Acceptable Recovery: 49-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	<2.0
Benzo(a)pyrene:	50-32-8	<2.0
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	27
Chrysene:	218-01-9	4.3
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	22
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	32

* Acceptable Recovery: 29-130 %

Dilution Factor: 1
Data Qualifiers: None

SS-01-2	23788-002	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	<2.0
Benzo(a)pyrene:	50-32-8	<2.0
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	2.0
Chrysene:	218-01-9	<2.0
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	<3.0
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	92

* Acceptable Recovery: 29-130 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	12
Benzo(a)pyrene:	50-32-8	<2.0
Benzo(b)fluoranthene:	205-99-2	6.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	37
Chrysene:	218-01-9	3.6
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	32
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	58

* Acceptable Recovery: 29-130 %

Dilution Factor: 1
Data Qualifiers: None

SS-02-0	23788-009	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	<2.0
Benzo(a)pyrene:	50-32-8	5.9
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	12
Chrysene:	218-01-9	<2.0
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	7.1
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	23

* Acceptable Recovery: 29-130 %

Dilution Factor: 1
Data Qualifiers: S5,

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	<2.0
Benzo(a)pyrene:	50-32-8	<2.0
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	8.7
Chrysene:	218-01-9	<2.0
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	5.6
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	58

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

SS-08-0	23788-011	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	<2.0
Benzo(a)pyrene:	50-32-8	12
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	17
Chrysene:	218-01-9	2.4
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	9.4
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	38

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	3.7
Benzo(a)pyrene:	50-32-8	8.5
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	13
Chrysene:	218-01-9	4.8
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	2.6
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	4.3
Indeno(1,2,3-cd)pyrene:	193-39-5	10
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	38

* Acceptable Recovery: 29-130 %

Dilution Factor: 1
Data Qualifiers: None

SS-03-2	23788-013	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	3.7
Benzo(a)pyrene:	50-32-8	9.3
Benzo(b)fluoranthene:	205-99-2	4.3
Benzo(k)fluoranthene:	207-08-9	4.8
Benzo(g,h,i)perylene:	191-24-2	11
Chrysene:	218-01-9	6.4
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	11
Pyrene:	129-00-0	8.6
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	10
Indeno(1,2,3-cd)pyrene:	193-39-5	7.1
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	26

* Acceptable Recovery: 29-130 %

Dilution Factor: 1
Data Qualifiers: C8, S5,

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	5.2
Benzo(a)pyrene:	50-32-8	<2.0
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	13
Chrysene:	218-01-9	<2.0
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	3.3
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	11
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	29

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

SS-04-2	23788-015	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	5.4
Benzo(a)pyrene:	50-32-8	<2.0
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	13
Chrysene:	218-01-9	4.9
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	7.9
Pyrene:	129-00-0	6.4
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	3.7
Indeno(1,2,3-cd)pyrene:	193-39-5	9.0
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	58

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV0824181			8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0
Acenaphthylene:	208-96-8	<10
Anthracene:	120-12-7	<2.0
Benz(a)anthracene:	56-55-3	<2.0
Benzo(a)pyrene:	50-32-8	<2.0
Benzo(b)fluoranthene:	205-99-2	<2.0
Benzo(k)fluoranthene:	207-08-9	<2.0
Benzo(g,h,i)perylene:	191-24-2	<2.0
Chrysene:	218-01-9	<2.0
Dibenz(a,h)anthracene:	53-70-3	<2.0
Fluoranthene:	206-44-0	<2.0
Pyrene:	129-00-0	<2.0
Fluorene:	86-73-7	<10
Phenanthrene:	85-01-8	<2.0
Indeno(1,2,3-cd)pyrene:	193-39-5	<3.0
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	102

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-05-0	23788-003	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	76

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-05-2	23788-004	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	81

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-06-0	23788-005	8/23/2018	8/22/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<250
PCB-1221	11104-28-2	<250
PCB-1232	11141-16-5	<250
PCB-1242	53469-21-9	<250
PCB-1248	12672-29-6	<250
PCB-1254	11097-69-1	<250
PCB-1260	11096-82-5	<250

Surrogate:	% RC*
Decachlorobiphenyl	100

* Acceptable Recovery: 36-131 %

Dilution Factor: 10

Data Qualifiers: D2,

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-09-2	23788-007	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	73

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-06-2	23788-008	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	96

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV0824182			8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	77

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/22/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	71	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	8/22/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	42-139 %
Toluene-d8:	84	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/22/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	83	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/23/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	71	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/23/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	108	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	76	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/23/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	101	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	82	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	103	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	101	42-139 %
Toluene-d8:	81	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBMN0825182			8/25/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	42-139 %
Toluene-d8:	86	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBMN0829181			8/29/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	98	42-139 %
Toluene-d8:	82	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Trip Blank	23788-016	8/23/2018		8/28/2018	8/28/2018	Water

ANALYTE	CAS #	µg/L	ANALYTE	CAS #	µg/L
t-Amyl methyl ether (TAME)	994-05-8	<1.0	trans-1,3-Dichloropropene	10061-02-6	<0.50
Benzene	71-43-2	<0.50	Diisopropyl ether (DIPE)	108-20-3	<1.0
Bromobenzene	108-86-1	<0.50	Ethyl t-butyl ether (ETBE)	637-92-3	<1.0
Bromochloromethane	74-97-5	<0.50	Ethylbenzene	100-41-4	<0.50
Bromodichloromethane	75-27-4	<1.0	Hexachlorobutadiene	87-68-3	<0.50
Bromoform	75-25-2	<0.50	Isopropylbenzene	98-82-8	<0.50
Bromomethane	74-83-9	<5.0	4-Isopropyltoluene	99-87-6	<0.50
tert-Butyl alcohol (TBA)	75-65-0	<10	Methyl t-butyl ether (MTBE)	1634-04-4	<1.0
n-Butylbenzene	104-51-8	<0.50	Methylene chloride	75-09-2	<5.0
sec-Butylbenzene	135-98-8	<0.50	Naphthalene	91-20-3	<0.50
tert-Butylbenzene	98-06-6	<0.50	n-Propylbenzene	103-65-1	<0.50
Carbon tetrachloride	56-23-5	<0.50	Styrene	100-42-5	<0.50
Chlorobenzene	108-90-7	<0.50	1,1,1,2-Tetrachloroethane	630-20-6	<0.50
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<0.50
Chloroform	67-66-3	<0.50	Tetrachloroethene	127-18-4	<0.50
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<0.50
2-Chlorotoluene	95-49-8	<0.50	1,2,3-Trichlorobenzene	87-61-6	<0.50
4-Chlorotoluene	106-43-4	<0.50	1,2,4-Trichlorobenzene	120-82-1	<0.50
Dibromochloromethane	124-48-1	<0.50	1,1,1-Trichloroethane	71-55-6	<0.50
1,2-Dibromo-3-chloropropane	96-12-8	<2.0	1,1,2-Trichloroethane	79-00-5	<0.50
1,2-Dibromoethane	106-93-4	<0.50	Trichloroethene	79-01-6	<0.50
Dibromomethane	74-95-3	<0.50	Trichlorofluoromethane	75-69-4	<2.0
1,2-Dichlorobenzene	95-50-1	<0.50	1,2,3-Trichloropropane	96-18-4	<0.50
1,3-Dichlorobenzene	541-73-1	<0.50	1,2,4-Trimethylbenzene	95-63-6	<0.50
1,4-Dichlorobenzene	106-46-7	<0.50	1,3,5-Trimethylbenzene	108-67-8	<0.50
Dichlorodifluoromethane	75-71-8	<2.0	Vinyl Chloride	75-01-4	<0.50
1,1-Dichloroethane	75-34-3	<0.50	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<0.50			
1,1-Dichloroethene	75-35-4	<0.50			
cis-1,2-Dichloroethene	156-59-2	<0.50			
trans-1,2-Dichloroethene	156-60-5	<0.50			
1,2-Dichloropropane	78-87-5	<1.0			
1,3-Dichloropropane	142-28-9	<0.50			
2,2-Dichloropropane	594-20-7	<0.50			
1,1-Dichloropropene	563-58-6	<0.50			
cis-1,3-Dichloropropene	10061-01-5	<0.50			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	58-136 %
Toluene-d8:	83	54-130 %
4-Bromofluorobenzene:	73	52-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBMN0828181			8/28/2018	8/28/2018	Water

ANALYTE	CAS #	µg/L	ANALYTE	CAS #	µg/L
t-Amyl methyl ether (TAME)	994-05-8	<1.0	trans-1,3-Dichloropropene	10061-02-6	<0.50
Benzene	71-43-2	<0.50	Diisopropyl ether (DIPE)	108-20-3	<1.0
Bromobenzene	108-86-1	<0.50	Ethyl t-butyl ether (ETBE)	637-92-3	<1.0
Bromochloromethane	74-97-5	<0.50	Ethylbenzene	100-41-4	<0.50
Bromodichloromethane	75-27-4	<1.0	Hexachlorobutadiene	87-68-3	<0.50
Bromoform	75-25-2	<0.50	Isopropylbenzene	98-82-8	<0.50
Bromomethane	74-83-9	<5.0	4-Isopropyltoluene	99-87-6	<0.50
tert-Butyl alcohol (TBA)	75-65-0	<10	Methyl t-butyl ether (MTBE)	1634-04-4	<1.0
n-Butylbenzene	104-51-8	<0.50	Methylene chloride	75-09-2	<5.0
sec-Butylbenzene	135-98-8	<0.50	Naphthalene	91-20-3	<0.50
tert-Butylbenzene	98-06-6	<0.50	n-Propylbenzene	103-65-1	<0.50
Carbon tetrachloride	56-23-5	<0.50	Styrene	100-42-5	<0.50
Chlorobenzene	108-90-7	<0.50	1,1,1,2-Tetrachloroethane	630-20-6	<0.50
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<0.50
Chloroform	67-66-3	<0.50	Tetrachloroethene	127-18-4	<0.50
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<0.50
2-Chlorotoluene	95-49-8	<0.50	1,2,3-Trichlorobenzene	87-61-6	<0.50
4-Chlorotoluene	106-43-4	<0.50	1,2,4-Trichlorobenzene	120-82-1	<0.50
Dibromochloromethane	124-48-1	<0.50	1,1,1-Trichloroethane	71-55-6	<0.50
1,2-Dibromo-3-chloropropane	96-12-8	<2.0	1,1,2-Trichloroethane	79-00-5	<0.50
1,2-Dibromoethane	106-93-4	<0.50	Trichloroethene	79-01-6	<0.50
Dibromomethane	74-95-3	<0.50	Trichlorofluoromethane	75-69-4	<2.0
1,2-Dichlorobenzene	95-50-1	<0.50	1,2,3-Trichloropropane	96-18-4	<0.50
1,3-Dichlorobenzene	541-73-1	<0.50	1,2,4-Trimethylbenzene	95-63-6	<0.50
1,4-Dichlorobenzene	106-46-7	<0.50	1,3,5-Trimethylbenzene	108-67-8	<0.50
Dichlorodifluoromethane	75-71-8	<2.0	Vinyl chloride	75-01-4	<0.50
1,1-Dichloroethane	75-34-3	<0.50	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<0.50			
1,1-Dichloroethene	75-35-4	<0.50			
cis-1,2-Dichloroethene	156-59-2	<0.50			
trans-1,2-Dichloroethene	156-60-5	<0.50			
1,2-Dichloropropane	78-87-5	<1.0			
1,3-Dichloropropane	142-28-9	<0.50			
2,2-Dichloropropane	594-20-7	<0.50			
1,1-Dichloropropene	563-58-6	<0.50			
cis-1,3-Dichloropropene	10061-01-5	<0.50			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	102	58-136 %
Toluene-d8:	82	54-130 %
4-Bromofluorobenzene:	73	52-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.78	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	14	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	7.7	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	18	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	22	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.18	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	17	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	37	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	62	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	70	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	10	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	6.8	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	11	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	8.3	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.12	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	7.5	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	31	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	44	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-05-0	23788-003	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	200	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	3.8	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	40	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	9.6	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	63	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	260	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.15	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	1.3	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	37	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	350	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-06-0	23788-005	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	2.6	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	220	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	7.1	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	66	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	8.1	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	100	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	510	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.38	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	2.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	22	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	3.5	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	29	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	670	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	2.2	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.59	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	14	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	7.0	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	18	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	20	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.21	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	39	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	59	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	140	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.74	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	6.9	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	26	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	100	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.15	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	35	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	130	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	31	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	7.9	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	4.0	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	7.1	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.12	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	5.5	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	20	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	35	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	120	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.64	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	6.9	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	24	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	96	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.18	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	35	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	120	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	120	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.54	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	14	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	9.1	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	19	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	23	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	<0.10	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	41	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	76	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	57	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	7.3	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	5.0	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	60	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.12	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	6.5	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	25	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	80	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	10	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	5.6	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	18	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	58	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.59	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	9.8	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	26	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	98	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	91	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.58	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	10	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	5.7	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	23	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.18	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	8.8	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	28	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	98	mg/kg	08/28/18	08/29/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBIR0828181	Antimony	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Arsenic	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Barium	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Beryllium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Cadmium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Chromium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Cobalt	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Copper	6010B	<5.0	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Lead	6010B	<0.80	mg/kg	08/28/18	08/29/18	--	1
MBJV0824181	Mercury	7471A	<0.10	mg/kg	08/24/18	08/28/18	--	1
MBIR0828181	Molybdenum	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Nickel	6010B	<1.0	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Selenium	6010B	<4.8	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Silver	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Thallium	6010B	<2.0	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Vanadium	6010B	<0.50	mg/kg	08/28/18	08/29/18	--	1
MBIR0828181	Zinc	6010B	<5.0	mg/kg	08/28/18	08/29/18	--	1

QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/24/2018
Date of Analysis: 8/24/2018
Dup Date of Analysis: 8/24/2018
Laboratory Sample #: 23788-002
MS/MSD Qualifiers: None
Reference #: WST 23788

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1430	1550	143	155	8	59-164	26	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	122	87	☐

LCS	LCSD	Qual
108	110	☐

ACP % RC
40-159

Laboratory Control Sample

Date of Extraction: 8/24/2018
Date of Analysis: 8/24/2018
Dup Date of Analysis: 8/24/2018
Laboratory Sample #: BL0824181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1070	1070	107	107	0	70-132	20	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/24/2018
Date of Analysis: 8/24/2018
Dup Date of Analysis: 8/24/2018
Laboratory Sample #: 23789-001
MS/MSD Qualifiers: R2,
Reference #: WST 23788

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.179	0.134	72	54	29	42-130	20	☑

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
α-α-α-Trifluorotoluene	107	97	☐	105	103	☐	49-130

Laboratory Control Sample

Date of Extraction: 8/24/2018
Date of Analysis: 8/24/2018
Dup Date of Analysis: 8/24/2018
Laboratory Sample #: TS0824181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.165	0.164	66	66	1	44-130	20	☐

QA/QC Report
for
Polynuclear Aromatic Hydrocarbons (EPA 8310)

Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/24/2018
Date of Analysis: 8/24/2018
Dup Date of Analysis: 8/24/2018
Laboratory Sample #: 23790-002
MS/MSD Qualifiers: R2,
Reference #: WST 23788

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Acenaphthene	0.00	25.0	18.4	24.6	74	98	29	55-131	24	☑
Anthracene	0.00	25.0	19.1	20.5	76	82	7	49-130	22	☐
Pyrene	0.00	25.0	20.0	21.8	80	87	9	66-130	20	☐
Chrysene	0.00	25.0	22.1	23.5	88	94	6	70-130	20	☐
Benzo(a)pyrene	0.00	25.0	23.0	23.3	92	93	1	41-130	23	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Nitrobenzene-d5	88	98	☐

LCS	LCSD	Qual
110	98	☐

ACP % RC
29-130

Laboratory Control Sample

Date of Extraction: 8/24/2018
Date of Analysis: 8/24/2018
Dup Date of Analysis: 8/24/2018
Laboratory Sample #: AV0824181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Acenaphthene	25.0	27.6	28.3	110	113	3	70-130	20	☐
Anthracene	25.0	21.7	21.2	87	85	2	48-130	20	☐
Pyrene	25.0	23.6	23.1	94	92	2	57-130	23	☐
Chrysene	25.0	25.0	24.2	100	97	3	63-130	20	☐
Benzo(a)pyrene	25.0	22.8	23.3	91	93	2	45-130	20	☐

QA/QC Report
for
Polychlorinated Biphenyl's (EPA 8082)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/24/2018
Date of Analysis: 8/27/2018
Dup Date of Analysis: 8/27/2018
Laboratory Sample #: 23788-007
MS/MSD Qualifiers: None
Reference #: WST 23788

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
PCB-1016	0.00	150	134	153	89	102	13	47-130	23	☐
PCB-1260	0.00	150	141	154	94	103	9	43-139	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	89	85	☐

LCS	LCSD	Qual
91	87	☐

ACP % RC
36-131

Laboratory Control Sample

Date of Extraction: 8/24/2018
Date of Analysis: 8/27/2018
Dup Date of Analysis: 8/27/2018
Laboratory Sample #: AV0824182
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
PCB-1016	150	155	155	103	103	0	47-130	23	☐
PCB-1260	150	156	155	104	103	1	43-139	20	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/25/2018
Date of Analysis: 8/25/2018
Dup Date of Analysis: 8/25/2018
Laboratory Sample #: 23789-026
MS/MSD Qualifiers: None
Reference #: WST 23788

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	10.6	9.95	106	100	6	53-130	20	☐
Benzene	0.00	10.0	11.0	10.9	110	109	1	67-135	20	☐
Trichloroethene	0.00	10.0	12.0	12.7	120	127	6	70-130	20	☐
Toluene	0.00	10.0	12.1	12.0	121	120	1	69-130	20	☐
Chlorobenzene	0.00	10.0	11.8	11.2	118	112	5	70-130	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	101	103	☐	107	102	☐	42-139
Toluene-d8	83	82	☐	86	86	☐	55-130
4-Bromofluorobenzene	75	72	☐	78	76	☐	55-130

Laboratory Control Sample

Date of Extraction: 8/25/2018
Date of Analysis: 8/25/2018
Dup Date of Analysis: 8/25/2018
Laboratory Sample #: MN0825181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	7.82	9.04	78	90	14	54-130	20	☐
Benzene	10.0	7.48	8.76	75	88	16	66-137	20	☐
Trichloroethene	10.0	8.42	10.3	84	103	20	70-130	20	☐
Toluene	10.0	8.72	10.1	87	101	15	70-130	20	☐
Chlorobenzene	10.0	7.85	9.48	78	95	19	70-130	20	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/29/2018
Date of Analysis: 8/29/2018
Dup Date of Analysis: 8/29/2018
Laboratory Sample #: 23788-012
MS/MSD Qualifiers: None
Reference #: WST 23788

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	10.9	10.5	109	105	4	53-130	20	☐
Benzene	0.00	10.0	11.0	10.5	110	105	5	67-135	20	☐
Trichloroethene	0.00	10.0	12.1	11.8	121	118	3	70-130	20	☐
Toluene	0.00	10.0	12.0	11.5	120	115	4	69-130	20	☐
Chlorobenzene	0.00	10.0	11.7	10.9	117	109	7	70-130	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	99	98	☐	102	99	☐	42-139
Toluene-d8	82	81	☐	82	82	☐	55-130
4-Bromofluorobenzene	76	74	☐	76	77	☐	55-130

Laboratory Control Sample

Date of Extraction: 8/29/2018
Date of Analysis: 8/29/2018
Dup Date of Analysis: 8/29/2018
Laboratory Sample #: MN0829181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	10.6	10.3	106	103	3	54-130	20	☐
Benzene	10.0	10.3	10.3	103	103	0	66-137	20	☐
Trichloroethene	10.0	11.5	11.8	115	118	3	70-130	20	☐
Toluene	10.0	11.3	11.2	113	112	1	70-130	20	☐
Chlorobenzene	10.0	10.6	10.8	106	108	2	70-130	20	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2018
Date of Analysis: 8/28/2018
Dup Date of Analysis: 8/28/2018
Laboratory Sample #: 23792-004
MS/MSD Qualifiers: None
Reference #: WST 23788

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	10.1	10.4	101	104	3	51-134	20	☐
Benzene	0.00	10.0	9.42	10.6	94	106	12	65-138	20	☐
Trichloroethene	0.00	10.0	10.5	11.4	105	114	8	70-133	20	☐
Toluene	0.00	10.0	10.3	11.8	103	118	14	67-130	20	☐
Chlorobenzene	0.00	10.0	9.67	11.3	97	113	16	70-131	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	106	103	☐	101	100	☐	58-136
Toluene-d8	81	80	☐	83	80	☐	54-130
4-Bromofluorobenzene	76	74	☐	73	73	☐	52-130

Laboratory Control Sample

Date of Extraction: 8/28/2018
Date of Analysis: 8/28/2018
Dup Date of Analysis: 8/28/2018
Laboratory Sample #: MN0828181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	9.38	10.0	94	100	6	55-130	20	☐
Benzene	10.0	9.28	10.3	93	103	10	65-134	20	☐
Trichloroethene	10.0	10.2	11.8	102	118	15	70-130	20	☐
Toluene	10.0	10.6	11.3	106	113	6	69-130	20	☐
Chlorobenzene	10.0	9.75	10.9	98	109	11	70-130	20	☐

QA/QC Report
for
Metals

Reference #: WST 23788 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Mercury	8/24/2018	8/28/2018	8/28/2018	23788-001	0.180	0.400	0.516	0.518	84	84	0	80-120	20	--
Antimony	8/28/2018	8/29/2018	8/29/2018	23788-001	0.00	20.0	3.31	3.03	17	15	9	75-125	20	M2,
Arsenic	8/28/2018	8/29/2018	8/29/2018	23788-001	0.00	20.0	23.3	20.5	116	102	13	75-125	20	--
Barium	8/28/2018	8/29/2018	8/29/2018	23788-001	110	20.0	141	130	155	100	8	75-125	20	M3,
Beryllium	8/28/2018	8/29/2018	8/29/2018	23788-001	0.00	20.0	17.7	19.8	89	99	11	75-125	20	--
Cadmium	8/28/2018	8/29/2018	8/29/2018	23788-001	0.780	20.0	20.7	19.9	100	96	4	75-125	20	--
Chromium	8/28/2018	8/29/2018	8/29/2018	23788-001	14.0	20.0	36.6	33.2	113	96	10	75-125	20	--
Cobalt	8/28/2018	8/29/2018	8/29/2018	23788-001	7.70	20.0	29.9	27.8	111	100	7	75-125	20	--
Copper	8/28/2018	8/29/2018	8/29/2018	23788-001	18.0	20.0	39.8	39.5	109	108	1	75-125	20	--
Lead	8/28/2018	8/29/2018	8/29/2018	23788-001	22.0	20.0	47.8	40.5	129	93	17	75-125	20	M3,
Molybdenum	8/28/2018	8/29/2018	8/29/2018	23788-001	0.00	20.0	18.0	18.3	90	91	2	75-125	20	--
Nickel	8/28/2018	8/29/2018	8/29/2018	23788-001	17.0	20.0	41.0	38.2	120	106	7	75-125	20	--
Selenium	8/28/2018	8/29/2018	8/29/2018	23788-001	0.00	20.0	21.2	17.5	106	88	19	75-125	20	--
Silver	8/28/2018	8/29/2018	8/29/2018	23788-001	0.00	20.0	17.8	18.0	89	90	1	75-125	20	--
Thallium	8/28/2018	8/29/2018	8/29/2018	23788-001	0.00	20.0	16.6	15.9	83	79	4	75-125	20	--
Vanadium	8/28/2018	8/29/2018	8/29/2018	23788-001	37.0	20.0	62.8	57.6	129	103	9	75-125	20	M3,
Zinc	8/28/2018	8/29/2018	8/29/2018	23788-001	62.0	20.0	98.1	75.0	180	65	27	75-125	20	M3,

QA/QC Report
for
Metals

Reference #: WST 23788

Reporting units: ppm

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
Mercury	8/24/2018	8/28/2018	8/28/2018	JV0824181	0.400	0.422	0.420	105	105	0	80-120	20	--
Antimony	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.0	21.3	100	106	6	80-120	20	--
Arsenic	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	19.5	20.5	98	102	5	80-120	20	--
Barium	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.0	20.7	100	104	3	80-120	20	--
Beryllium	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.4	21.1	102	106	3	80-120	20	--
Cadmium	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	19.5	21.2	98	106	8	80-120	20	--
Chromium	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.7	21.7	104	109	5	80-120	20	--
Cobalt	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	22.0	23.2	110	116	5	80-120	20	--
Copper	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	21.7	22.6	109	113	4	80-120	20	--
Lead	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.8	22.2	104	111	7	80-120	20	--
Molybdenum	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.3	21.3	101	106	5	80-120	20	--
Nickel	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	22.1	23.3	111	116	5	80-120	20	--
Selenium	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	18.0	19.3	90	96	7	80-120	20	--
Silver	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.4	21.4	102	107	5	80-120	20	--
Thallium	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.7	21.5	104	108	4	80-120	20	--
Vanadium	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	20.2	21.1	101	106	4	80-120	20	--
Zinc	8/28/2018	8/29/2018	8/29/2018	IR0828181	20.0	21.7	23.0	109	115	6	80-120	20	--

Data Qualifier Definitions

Qualifier

C8 = Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the greater value was reported as there was no evidence of chromatographic problems.

23788-013	8310	Benzo(k)fluoranthene

D2 = Sample required dilution due to high concentration of target analyte.

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

23788-001	6010B	Antimony	MS/MSD

M3 = The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The associated blank spike recovery was acceptable.

23788-001	6010B	Barium	MS
23788-001	6010B	Lead	MS
23788-001	6010B	Vanadium	MS
23788-001	6010B	Zinc	MS/MSD

R2 = RPD/RSD exceeded the laboratory acceptance limit.

23789-001	8015B	VFH	MS/MSD
23790-002	8310	Acenaphthene	MS/MSD

S10 = Surrogate recovery was above laboratory and method acceptance limits. See case narrative.

23788-009	8015B	Matrix interference

S5 = Surrogate recovery was below laboratory acceptance limits.

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Requested Turn around t

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Chain of Custody Form- Asbestos Bulk Sampling

237788

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02						

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: | Lab Submitted to:

~~ID#~~	~~Material Description~~ Sample ID	~~HM~~	~~Sample Location~~ Analysis	~~Condition~~ Time	~~Friability~~ Date	Quantity
1	SS-01-0		TPH-g,-mo,-d, VOCs, CAM Metals, PAHs	0915	8/22/18	4-VOA 2-8oz
2	SS-01-2		TPH-g,-mo,-d, VOCs, CAM Metals PAHs	0940	8/22/18	4-VOA 2-8oz
3	SS-05-0		PCBs, CAM-17 Metals	1410	8/22/18	1 8oz
4	SS-05-2		PCBs	1425	8/22/18	1 8oz
5	SS-06-0		PCBs, CAM-17 Metals	1415	8/22/18	1 8oz
6	SS-07-0		TPH-g,-mo,-d, VOCs, CAM Metals, PAHs	0925	8/22/18	4-VOA 2-8oz
7	SS-09-2		PCBs	1450	8/22/18	1 8oz
8	SS-06-2		PCBs	1450	8/22/18	1 8oz
9	SS-02-0		TPH-g-d, mo, VOCs, CAM Metals PAHs	0925	8/23/18	4 VOA 2 8oz
10	SS-02-2		TPH-g, d, mo, VOCs, CAM Metals PAHs	0940	8/23/18	4 VOAs 2-8oz
11	SS-08-0		TPH-g, d+MO, VOCs, CAM Metals PAHs	1000	8/23/18	4 VOAs 2-8oz
12	SS-03-0		" " " " "	1025	8/23/18	4-VOA 2-8oz
13	SS-03-2		" " " " "	1045	8/23/18	4-VOA 2-8oz
14	SS-04-0		" " " " "	1120	8/23/18	4-VOA 2-8oz

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR F

INSPECTION COMMENTS: TPH-g,-mo,-d: EPA Method 8015B ; VOCs: EPA Method 8260B
CAM-17 Metals: EPA Methods 6010B, 7471A, 7196A ; PAH: EPA Method 8270/SPM

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	8/23/18 1324
Received by:	**Date & Time**
	8/23/18 1324

on ice @ 4°C

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

Requested Turn around t

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #		Total Pages
1027333.02					Of	

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: | Lab Submitted to: Time Date

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
15	SS-04-2		TPH-G, D+MO, VOC's, CAM Metals, + PAHs	1145	8/23/18	4 VOAs 2 8oz

CONDITION CODE			FRIABLE CODE		HOMOGENEOUS CODE	QUANTITY CODE	
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft.	LF= LINEAR F

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
[signature]	8/23/18 1524
Received by:	**Date & Time**
[signature]	8/23/18 1324

on ice @ 4°

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

Sample Receipt Report

Laboratory Reference WST 23788 Logged in by MM

Received:	08/23/18 13:24	Company Name:	Weston Solutions, Inc.
Method of Shipment:	Lab Pick-Up	Project Manager:	Mr. Brian Milton
Shipping Container:	Cooler	Project Name:	Lincoln Heights Jail Site
# Shipping Containers:	1	Project #:	1027333.02

Sample Quantity
15 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	4.8°C		
Shipping Intact	Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2018
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	Weston Solutions, Inc.
Laboratory Reference:	WST 23788A
Project Name:	Lincoln Heights Jail Site
Project Number:	1027333.02
Date Received:	9/26/2018
Date Reported:	10/3/2018
Chain of Custody Received:	☑
Analytical Method:	6010B, 1311/6010B,

Mark Noorani, Laboratory Director

© This report may only be reproduced in full. Any partial reproduction of this report requires written permission from Orange Coast Analytical, Inc.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788A
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 4.8ºC, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788A
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-05-0	23788-003	8/23/2018	8/22/2018	Soil
SS-06-0	23788-005	8/23/2018	8/22/2018	Soil

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788A
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-05-0	23788-003	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
TCLP Lead	6010B	0.10	mg/l	10/02/18	10/03/18	--	1

SS-06-0	23788-005	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
TCLP Lead	6010B	0.12	mg/l	10/02/18	10/03/18	--	1

Method Blank	Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBIR1002181	TCLP Lead	6010B	<0.080	mg/l	10/02/18	10/03/18	--	1

SS-05-0	23788-003	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
STLC Lead	6010B	4.8	mg/L	10/02/18	10/03/18	--	1

SS-06-0	23788-005	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
STLC Chromium	6010B	1.8	mg/L	10/02/18	10/03/18	--	1
STLC Lead	6010B	12	mg/L	10/02/18	10/03/18	--	1

Method Blank	Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBIR1002181	STLC Chromium	6010B	<0.050	mg/L	10/02/18	10/03/18	--	1
MBIR1002181	STLC Lead	6010B	<0.20	mg/L	10/02/18	10/03/18	--	1

QA/QC Report
for
Metals

Reference #: WST 23788A

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **1311/ 6010B**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
TCLP Lead	10/2/2018	10/3/2018	10/3/2018	23861-002	1.30	0.400	1.71	1.67	103	93	2	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
TCLP Lead	10/2/2018	10/3/2018	10/3/2018	IR1002181	0.400	0.394	0.400	98	100	2	80-120	20	--

QA/QC Report
for
Metals

Reference #: WST 23788A

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

STLC CCR

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
STLC Chromium	10/2/2018	10/3/2018	10/3/2018	23861-009	0.00	1.00	0.938	0.953	94	95	2	75-125	20	--
STLC Lead	10/2/2018	10/3/2018	10/3/2018	23861-009	21.0	1.00	22.4	22.8	140	180	2	75-125	20	M3,

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
STLC Chromium	10/2/2018	10/3/2018	10/3/2018	IR1002182	1.00	0.958	0.956	96	96	0	80-120	20	--
STLC Lead	10/2/2018	10/3/2018	10/3/2018	IR1002182	1.00	0.948	0.955	95	95	1	80-120	20	--

Data Qualifier Definitions

Qualifier

M3 = The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The associated blank spike recovery was acceptable.

23861-009	STLC CCR	STLC Lead	MS/MSD

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Requested Turn around t

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Chain of Custody Form- Asbestos Bulk Sampling

237788

CSC Project #	Sampling By	Date	# Samples	Page #	Of	Total Pages
1027333.02						

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: | Lab Submitted to:

~~ID#~~	~~Material Description~~ Sample ID	~~HM~~	~~Sample Location~~ Analysis	~~Condition~~ Time	~~Friability~~ Date	Quantity
1	SS-01-0		TPH-g,-mo,-d, VOCs, CAM Metals, PAHs	0915	8/22/18	4-VOA 2-8oz
2	SS-01-2		TPH-g,-mo,-d, VOCs, CAM Metals PAHs	0940	8/22/18	4-VOA 2-8oz
3	SS-05-0		PCBs, CAM-17 Metals	1410	8/22/18	1 8oz
4	SS-05-2		PCBs	1425	8/22/18	1 8oz
5	SS-06-0		PCBs, CAM-17 Metals	1415	8/22/18	1 8oz
6	SS-07-0		TPH-g,-mo,-d, VOCs, CAM Metals, PAHs	0925	8/22/18	4-VOA 2-8oz
7	SS-09-2		PCBs	1450	8/22/18	1 8oz
8	SS-06-2		PCBs	1450	8/22/18	1 8oz
9	SS-02-0		TPH-g-d, mo, VOCs, CAM Metals PAHs	0925	8/23/18	4 VOA 2 8oz
10	SS-02-2		TPH-g, d, mo, VOCs, CAM Metals PAHs	0940	8/23/18	4 VOAs 2-8oz
11	SS-08-0		TPH-g, d+MO, VOCs, CAM Metals PAHs	1000	8/23/18	4 VOAs 2-8oz
12	SS-03-0		" " " " "	1025	8/23/18	4-VOA 2-8oz
13	SS-03-2		" " " " "	1045	8/23/18	4-VOA 2-8oz
14	SS-04-0		" " " " "	1120	8/23/18	4-VOA 2-8oz

CONDITION CODE	FRIABLE CODE	HOMOGENEOUS CODE	QUANTITY CODE
G= GOOD F= FAIR P= POOR	Y= YES N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft. LF= LINEAR F

INSPECTION COMMENTS: TPH-g,-mo,-d: EPA Method 8015B ; VOCs: EPA Method 8260B
CAM-17 Metals: EPA Methods 6010B, 7471A, 7196A ; PAH: EPA Method 8270/SPM

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
	8/23/18 1324
Received by:	**Date & Time**
	8/23/18 1324

on ice @ 4°C

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

Requested Turn around t

HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

Chain of Custody Form- Asbestos Bulk Sampling

CSC Project #	Sampling By	Date	# Samples	Page #		Total Pages
1027333.02					Of	

Project Name & Address	CSC Client Info:
Lincoln Heights Jail Site	Weston Solutions
401 North Avenue 19, Los Angeles, CA	Attention : Brian Milton

Building #: | Lab Submitted to: Time Date

ID #	Material Description	HM	Sample Location	Condition	Friability	Quantity
15	SS-04-2		TPH-G, D+MO, VOC's, CAM Metals, + PAHs	1145	8/23/18	4 VOAs 2 8oz

CONDITION CODE			FRIABLE CODE		HOMOGENEOUS CODE	QUANTITY CODE	
G= GOOD	F= FAIR	P= POOR	Y= YES	N= NO	HA= HOMOGENEOUS MATERIAL	SF= Square Ft.	LF= LINEAR F

INSPECTION COMMENTS:

Email Results to: robertclark@csceng.com , attention: Robert Clark. Questions- Please call Robert Clark at 818 402-7051

Relinquished By:	Date & Time
[signature]	8/23/18 1524
Received by:	**Date & Time**
[signature]	8/23/18 1324

on ice @ 4°

Clark Seif Clark- 21732 Devonshire Street, Suite B, Chatsworth, CA 91311 (818) 727-2553 Fax (818) 727-2556
www.csceng.com

Sample Receipt Report

Laboratory Reference WST 23788 Logged in by MM

Received:	08/23/18 13:24	Company Name:	Weston Solutions, Inc.
Method of Shipment:	Lab Pick-Up	Project Manager:	Mr. Brian Milton
Shipping Container:	Cooler	Project Name:	Lincoln Heights Jail Site
# Shipping Containers:	1	Project #:	1027333.02

Sample Quantity
15 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	4.8°C		
Shipping Intact	Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

Orange Coast Analytical

From: "Milton, Brian" <Brian.Milton@WestonSolutions.com>
Date: Wednesday, September 26, 2018 10:27 AM
To: "Orange Coast Analytical" <ocalab@sbcglobal.net>
Subject: RE: Report, EDD and Invoice-WST 23804 Lincoln Heights TBA.pdf

Hi Miriam,

I'm so sorry I just realized I never got back to you. On Lab order No. 23788 please analyze Samples SS-05-0 and SS-06-0 for solubility using the STLC and TCLP methods.

Thanks, Brian

Brian Milton P.E. CHMM, QSP
Senior Project Manager
Weston Solutions Inc.
2300 Clayton Rd., Ste 900
Concord, CA 94520
Off. 925-948-2613
Cell: 510-332-4439
OB00

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 • (714) 832-0064 • Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 • (480) 736-0960 • Fax (480) 736-0970

Mr. Brian Milton
Weston Solutions, Inc
2300 Clayton Rd., Ste 900
Concord, CA 94520

9/26/18

RE: Lincoln Heights Jail

Laboratory Reference No.: WST 23794

Dear Brian,

Orange Coast Analytical, Inc. received **eight** air samples on 8/24/18 with TO-15 analysis requested. The following report contains the results of the analysis. All analyses were performed by Airtechnology Laboratories, Inc. in City of Industry, CA.

If there are any questions regarding these analytical results, please feel free to contact us.

Sincerely,

Mark Noorani
Laboratory Director

AirTECHNOLOGY
Laboratories, Inc.

September 12, 2018

LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C, RSK-175

TX Cert T104704450-14-6
EPA Methods TO14A, TO15

UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

Orange Coast Analytical, Inc.
ATTN: Mark Noorani
3002 Dow, Suite 532
Tustin, CA 92780

LABORATORY TEST RESULTS

Project Reference: Lincoln Heights Jail
Lab Number: J082704-01/08

Enclosed are results for sample(s) received 8/27/18 by Air Technology Laboratories. Sample was received intact. Analyses were performed according to specifications on the chain of custody.

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Mark Noorani on 9/11/18.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Air TECHNOLOGY Laboratories, Inc.

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

TURNAROUND TIME
- Standard [X]
- 48 hours [ ]
- Same Day [ ]
- 72 hours [ ]
- 24 hours [ ]
- 96 hours [ ]
- Other:

DELIVERABLES
- EDD [X]
- EDF [ ]
- LEVEL 3 [ ]
- LEVEL 4 [ ]

PAGE: 1 **OF** 1

Condition upon receipt:
- Sealed Yes [ ] No [ ]
- Intact Yes [ ] No [ ]
- Chilled _____ deg C

Project No.:
Project Name: Lincoln Heights Jail
Report To: Mark Noorani
Company: Orange Coast Analytical, Inc.
Street: 3002 Dow Ave, Ste. 532
City/State/Zip: Tustin, CA 92780
Phone& Fax: (714)832-0064
e-mail: markn@ocalab.com

BILLING
P.O. No.: 23794
Bill to:

ANALYSIS REQUEST

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	CONTAINER TYPE	TO-15 SIM					
J082704-01	SC-01	8/22/18	1215	Air	Summa	X					
-02	SC-02	↓	1246	↓	↓	X					
-03	SC-03	↓	1215	↓	↓	X					
-04	SUS-01	8/23/18	0902	↓	↓	X					
-05	SUS-02	↓	0916	↓	↓	X					
-06	SUS-03	↓	1405	↓	↓	X					
-07	SUS-04	↓	1408	↓	↓	X					
-08	SUS-05	↓	1405	↓	↓	X					

AUTHORIZATION TO PERFORM WORK	COMPANY	DATE/TIME
SAMPLED BY	COMPANY	DATE/TIME

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Mark Noorani OCA, CA	8-27-18 0920	[signature]	8/27 / 920
Bruce Anderson	8-27 10:13	[signature]	8/27/18 1013

COMMENTS

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other _____

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: **H**=HCL **N**=None / Container: **B**=Bag **C**=Can **V**=VOA **O**=Other

Rev. 03 - 5/7/09

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	J082704-01		J082704-02		J082704-03		J082704-04	
Client Sample I.D.:	SC-01		SC-02		SC-03		SUS-01	
Date/Time Sampled:	8/22/18 12:15		8/22/18 12:46		8/22/18 12:15		8/23/18 9:02	
Date/Time Analyzed:	9/5/18 15:48		9/5/18 16:32		9/5/18 17:17		9/5/18 18:04	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3
Dichlorodifluoromethane (12)	2.1	0.049	2.2	0.049	2.2	0.049	2.1	0.049
Chloromethane	1.2	0.021	1.4	0.021	1.2	0.021	2.6	0.021
Vinyl Chloride	ND	0.013	ND	0.013	ND	0.013	ND	0.013
Bromomethane	ND	0.19	ND	0.19	ND	0.19	0.44	0.19
Chloroethane	ND	0.026	ND	0.026	ND	0.026	ND	0.026
Trichlorofluoromethane (11)	1.2	0.11	1.3	0.11	1.3	0.11	1.2	0.11
1,1,2-Cl 1,2,2-F ethane (113)	0.50	0.15	0.55	0.15	0.52	0.15	0.67	0.15
1,1-Dichloroethene	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Methylene Chloride	3.6	0.17	4.8	0.17	3.7	0.17	24	0.17
t-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040	ND	0.040
1,1-Dichloroethane	ND	0.040	ND	0.040	ND	0.040	0.066	0.040
c-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040	ND	0.040
Chloroform	0.14	0.049	0.15	0.049	0.13	0.049	0.49	0.049
1,1,1-Trichloroethane	ND	0.055	ND	0.055	ND	0.055	3.8	0.055
Carbon Tetrachloride	0.51	0.063	0.52	0.063	0.54	0.063	0.57	0.063
Benzene	0.71	0.16	0.71	0.16	0.75	0.16	3	0.16
1,2-Dichloroethane	0.052	0.040	0.054	0.040	0.050	0.040	0.073	0.040
Trichloroethene	ND	0.054	ND	0.054	ND	0.054	0.21	0.054
1,2-Dichloropropane	ND	0.092	ND	0.092	ND	0.092	ND	0.092
Bromodichloromethane	ND	0.067	ND	0.067	ND	0.067	ND	0.067
Toluene	1.5	0.075	1.3	0.075	1.4	0.075	89 d	0.075
t-1,3-Dichloropropene	ND	0.045	ND	0.045	ND	0.045	ND	0.045
1,1,2-Trichloroethane	ND	0.055	ND	0.055	ND	0.055	ND	0.055
Tetrachloroethene	0.086	0.068	0.076	0.068	0.083	0.068	0.54	0.068
1,2-Dibromoethane	ND	0.15	ND	0.15	ND	0.15	ND	0.15
Ethylbenzene	0.36	0.087	0.26	0.087	0.34	0.087	5.7	0.087
p,&m-Xylene	1.2	0.087	0.74	0.087	1.2	0.087	22	0.087
o-Xylene	0.60	0.087	0.39	0.087	0.62	0.087	5.9	0.087
Styrene	0.12	0.085	0.25	0.085	0.14	0.085	1.2	0.085
1,1,2,2-Tetrachloroethane	ND	0.14	ND	0.14	ND	0.14	ND	0.14

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution.

Reviewed/Approved By: _____ Date 9/11/18
Operations Manager

The cover letter is an integral part of this analytical report

J082704 SIM.xlsx

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	J082704-05		J082704-06		J082704-07		J082704-08	
Client Sample I.D.:	SUS-02		SUS-03		SUS-04		SUS-05	
Date/Time Sampled:	8/23/18 9:16		8/23/18 14:05		8/23/18 14:08		8/23/18 14:05	
Date/Time Analyzed:	9/6/18 9:23		9/6/18 10:03		9/5/18 20:19		9/5/18 21:05	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	4.0		10		1.0		1.0	
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3
Dichlorodifluoromethane (12)	2.2	0.20	2.3	0.49	2.4	0.049	2.3	0.049
Chloromethane	0.78	0.083	0.60	0.21	9.7	0.021	0.50	0.021
Vinyl Chloride	ND	0.051	ND	0.13	ND	0.013	ND	0.013
Bromomethane	ND	0.78	ND	1.9	0.31	0.19	0.24	0.19
Chloroethane	ND	0.11	ND	0.26	0.081	0.026	ND	0.026
Trichlorofluoromethane (11)	1.7	0.45	1.3	1.1	1.1	0.11	1.1	0.11
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.61	ND	1.5	0.56	0.15	0.46	0.15
1,1-Dichloroethene	0.85	0.079	ND	0.20	ND	0.020	0.024	0.020
Methylene Chloride	1.4	0.69	ND	1.7	1.1	0.17	0.25	0.17
t-1,2-Dichloroethene	0.86	0.16	ND	0.40	ND	0.040	ND	0.040
1,1-Dichloroethane	ND	0.16	ND	0.40	0.065	0.040	ND	0.040
c-1,2-Dichloroethene	ND	0.16	ND	0.40	ND	0.040	ND	0.040
Chloroform	0.43	0.20	ND	0.49	0.35	0.049	0.34	0.049
1,1,1-Trichloroethane	370 d	1.8	0.67	0.55	0.11	0.055	0.51	0.055
Carbon Tetrachloride	0.85	0.25	3.7	0.63	0.48	0.063	4.0	0.063
Benzene	2.5	0.64	1.7	1.6	3.8	0.16	1.6	0.16
1,2-Dichloroethane	ND	0.16	ND	0.40	0.070	0.040	ND	0.040
Trichloroethene	ND	0.21	ND	0.54	ND	0.054	ND	0.054
1,2-Dichloropropane	ND	0.37	ND	0.92	ND	0.092	ND	0.092
Bromodichloromethane	ND	0.27	ND	0.67	ND	0.067	ND	0.067
Toluene	94	0.30	45	0.75	86 d	1.6	45 d	1.6
t-1,3-Dichloropropene	ND	0.18	ND	0.45	0.30	0.045	0.59	0.045
1,1,2-Trichloroethane	ND	0.22	ND	0.55	ND	0.055	ND	0.055
Tetrachloroethene	14	0.27	4.3	0.68	16	0.068	3.6	0.068
1,2-Dibromoethane	ND	0.61	ND	1.5	ND	0.15	ND	0.15
Ethylbenzene	14	0.35	5.9	0.87	19	0.087	5.2	0.087
p,&m-Xylene	44	0.35	19	0.87	43	0.087	18	0.087
o-Xylene	16	0.35	5.6	0.87	18	0.087	5.6	0.087
Styrene	1.4	0.34	ND	0.85	1.6	0.085	0.95	0.085
1,1,2,2-Tetrachloroethane	ND	0.55	ND	1.4	ND	0.14	ND	0.14

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution via TO-15 Scan. Batch ID: 180907MS2A1

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	METHOD BLANK							
Client Sample I.D.:	-							
Date/Time Sampled:	-							
Date/Time Analyzed:	9/5/18 14:55							
QC Batch No.:	180905MS2A1							
Analyst Initials:	DT							
Dilution Factor:	1.0							
ANALYTE	Result ug/m3	RL ug/m3						
Dichlorodifluoromethane (12)	ND	0.049						
Chloromethane	ND	0.021						
Vinyl Chloride	ND	0.013						
Bromomethane	ND	0.19						
Chloroethane	ND	0.026						
Trichlorofluoromethane (11)	ND	0.11						
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.15						
1,1-Dichloroethene	ND	0.020						
Methylene Chloride	ND	0.17						
t-1,2-Dichloroethene	ND	0.040						
1,1-Dichloroethane	ND	0.040						
c-1,2-Dichloroethene	ND	0.040						
Chloroform	ND	0.049						
1,1,1-Trichloroethane	ND	0.055						
Carbon Tetrachloride	ND	0.063						
Benzene	ND	0.16						
1,2-Dichloroethane	ND	0.040						
Trichloroethene	ND	0.054						
1,2-Dichloropropane	ND	0.092						
Bromodichloromethane	ND	0.067						
Toluene	ND	0.075						
t-1,3-Dichloropropene	ND	0.045						
1,1,2-Trichloroethane	ND	0.055						
Tetrachloroethene	ND	0.068						
1,2-Dibromoethane	ND	0.15						
Ethylbenzene	ND	0.087						
p,&m-Xylene	ND	0.087						
o-Xylene	ND	0.087						
Styrene	ND	0.085						
1,1,2,2-Tetrachloroethane	ND	0.14						

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15

Lab No.:	METHOD BLANK							
Client Sample I.D.:	--							
Date/Time Sampled:	--							
Date/Time Analyzed:	9/7/18 4:57							
QC Batch No.:	180907MS2A1							
Analyst Initials:	DT							
Dilution Factor:	0.20							
ANALYTE	Result ug/m3	RL ug/m3						
1,1,1-Trichloroethane	ND	1.1						
Toluene	ND	0.75						

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date 9/11/18
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ppbv

EPA Method TO15 SIM

Lab No.:	J082704-01		J082704-02		J082704-03		J082704-04	
Client Sample I.D.:	SC-01		SC-02		SC-03		SUS-01	
Date/Time Sampled:	8/22/18 12:15		8/22/18 12:46		8/22/18 12:15		8/23/18 9:02	
Date/Time Analyzed:	9/5/18 15:48		9/5/18 16:32		9/5/18 17:17		9/5/18 18:04	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	0.43	0.010	0.44	0.010	0.45	0.010	0.42	0.010
Chloromethane	0.57	0.010	0.68	0.010	0.59	0.010	1.3	0.010
Vinyl Chloride	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050
Bromomethane	ND	0.050	ND	0.050	ND	0.050	0.11	0.050
Chloroethane	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Trichlorofluoromethane (11)	0.22	0.020	0.22	0.020	0.23	0.020	0.22	0.020
1,1,2-Cl 1,2,2-F ethane (113)	0.065	0.020	0.072	0.020	0.067	0.020	0.087	0.020
1,1-Dichloroethene	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050
Methylene Chloride	1.0	0.050	1.4	0.050	1.1	0.050	7.0	0.050
t-1,2-Dichloroethene	ND	0.010	ND	0.010	ND	0.010	ND	0.010
1,1-Dichloroethane	ND	0.010	ND	0.010	ND	0.010	0.016	0.010
c-1,2-Dichloroethene	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Chloroform	0.028	0.010	0.031	0.010	0.028	0.010	0.099	0.010
1,1,1-Trichloroethane	ND	0.010	ND	0.010	ND	0.010	0.70	0.010
Carbon Tetrachloride	0.082	0.010	0.083	0.010	0.086	0.010	0.091	0.010
Benzene	0.22	0.050	0.22	0.050	0.23	0.050	1.0	0.050
1,2-Dichloroethane	0.013	0.010	0.013	0.010	0.012	0.010	0.018	0.010
Trichloroethene	ND	0.010	ND	0.010	ND	0.010	0.038	0.010
1,2-Dichloropropane	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Bromodichloromethane	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Toluene	0.40	0.020	0.34	0.020	0.37	0.020	24 d	0.020
t-1,3-Dichloropropene	ND	0.010	ND	0.010	ND	0.010	ND	0.010
1,1,2-Trichloroethane	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Tetrachloroethene	0.013	0.010	0.011	0.010	0.012	0.010	0.079	0.010
1,2-Dibromoethane	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Ethylbenzene	0.084	0.020	0.059	0.020	0.078	0.020	1.3	0.020
p,&m-Xylene	0.27	0.020	0.17	0.020	0.27	0.020	5.0	0.020
o-Xylene	0.14	0.020	0.090	0.020	0.14	0.020	1.4	0.020
Styrene	0.028	0.020	0.060	0.020	0.034	0.020	0.28	0.020
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.020	ND	0.020	ND	0.020

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution.

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ppbv

EPA Method TO15 SIM

Lab No.:	J082704-05		J082704-06		J082704-07		J082704-08	
Client Sample I.D.:	SUS-02		SUS-03		SUS-04		SUS-05	
Date/Time Sampled:	8/23/18 9:16		8/23/18 14:05		8/23/18 14:08		8/23/18 14:05	
Date/Time Analyzed:	9/6/18 9:23		9/6/18 10:03		9/5/18 20:19		9/5/18 21:05	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	4.0		10		1.0		1.0	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	0.45	0.040	0.46	0.10	0.49	0.010	0.47	0.010
Chloromethane	0.38	0.040	0.29	0.10	4.7	0.010	0.24	0.010
Vinyl Chloride	ND	0.020	ND	0.050	ND	0.0050	ND	0.0050
Bromomethane	ND	0.20	ND	0.50	0.081	0.050	0.061	0.050
Chloroethane	ND	0.040	ND	0.10	0.031	0.010	ND	0.010
Trichlorofluoromethane (11)	0.31	0.080	0.24	0.20	0.20	0.020	0.19	0.020
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.080	ND	0.20	0.073	0.020	0.059	0.020
1,1-Dichloroethene	0.21	0.020	ND	0.050	ND	0.0050	0.0059	0.0050
Methylene Chloride	0.40	0.20	ND	0.50	0.30	0.050	0.071	0.050
t-1,2-Dichloroethene	0.22	0.040	ND	0.10	ND	0.010	ND	0.010
1,1-Dichloroethane	ND	0.040	ND	0.10	0.016	0.010	ND	0.010
c-1,2-Dichloroethene	ND	0.040	ND	0.10	ND	0.010	ND	0.010
Chloroform	0.089	0.040	ND	0.10	0.072	0.010	0.069	0.010
1,1,1-Trichloroethane	67 d	1.8	0.12	0.10	0.019	0.010	0.093	0.010
Carbon Tetrachloride	0.14	0.040	0.59	0.10	0.077	0.010	0.64	0.010
Benzene	0.79	0.20	0.53	0.50	1.2	0.050	0.50	0.050
1,2-Dichloroethane	ND	0.040	ND	0.10	0.017	0.010	ND	0.010
Trichloroethene	ND	0.040	ND	0.10	ND	0.010	ND	0.010
1,2-Dichloropropane	ND	0.080	ND	0.20	ND	0.020	ND	0.020
Bromodichloromethane	ND	0.040	ND	0.10	ND	0.010	ND	0.010
Toluene	25	0.080	12	0.20	23 d	1.6	12 d	1.6
t-1,3-Dichloropropene	ND	0.040	ND	0.10	0.066	0.010	0.13	0.010
1,1,2-Trichloroethane	ND	0.040	ND	0.10	ND	0.010	ND	0.010
Tetrachloroethene	2.1	0.040	0.63	0.10	2.3	0.010	0.53	0.010
1,2-Dibromoethane	ND	0.080	ND	0.20	ND	0.020	ND	0.020
Ethylbenzene	3.2	0.080	1.4	0.20	4.4	0.020	1.2	0.020
p,&m-Xylene	10	0.080	4.4	0.20	9.9	0.020	4.1	0.020
o-Xylene	3.7	0.080	1.3	0.20	4.1	0.020	1.3	0.020
Styrene	0.34	0.080	ND	0.20	0.38	0.020	0.22	0.020
1,1,2,2-Tetrachloroethane	ND	0.080	ND	0.20	ND	0.020	ND	0.020

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution via TO-15 Scan. Batch ID: 180907MS2A1

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ppbv

EPA Method TO15 SIM

Lab No.:	METHOD BLANK							
Client Sample I.D.:	-							
Date/Time Sampled:	-							
Date/Time Analyzed:	9/5/18 14:55							
QC Batch No.:	180905MS2A1							
Analyst Initials:	DT							
Dilution Factor:	1.0							
ANALYTE	Result ppbv	RL ppbv						
Dichlorodifluoromethane (12)	ND	0.010						
Chloromethane	ND	0.010						
Vinyl Chloride	ND	0.0050						
Bromomethane	ND	0.050						
Chloroethane	ND	0.010						
Trichlorofluoromethane (11)	ND	0.020						
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.020						
1,1-Dichloroethene	ND	0.0050						
Methylene Chloride	ND	0.050						
t-1,2-Dichloroethene	ND	0.010						
1,1-Dichloroethane	ND	0.010						
c-1,2-Dichloroethene	ND	0.010						
Chloroform	ND	0.010						
1,1,1-Trichloroethane	ND	0.010						
Carbon Tetrachloride	ND	0.010						
Benzene	ND	0.050						
1,2-Dichloroethane	ND	0.010						
Trichloroethene	ND	0.010						
1,2-Dichloropropane	ND	0.020						
Bromodichloromethane	ND	0.010						
Toluene	ND	0.020						
t-1,3-Dichloropropene	ND	0.010						
1,1,2-Trichloroethane	ND	0.010						
Tetrachloroethene	ND	0.010						
1,2-Dibromoethane	ND	0.020						
Ethylbenzene	ND	0.020						
p,&m-Xylene	ND	0.020						
o-Xylene	ND	0.020						
Styrene	ND	0.020						
1,1,2,2-Tetrachloroethane	ND	0.020						

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Operations Manager Date 9/4/18

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ppbv

EPA Method TO15

Lab No.:	METHOD BLANK							
Client Sample I.D.:	--							
Date/Time Sampled:	--							
Date/Time Analyzed:	9/7/18 4:57							
QC Batch No.:	180907MS2A1							
Analyst Initials:	DT							
Dilution Factor:	0.20							
ANALYTE	Result ppbv	RL ppbv						
1,1,1-Trichloroethane	ND	0.20						
Toluene	ND	0.20						

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: Mark Johnson
Operations Manager

Date 9/11/18

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 180905MS2A1

Matrix: Air

EPA Method TO-15 SIM

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	9/5/18 14:55		9/5/18 13:35		9/5/18 14:13						
Data File ID:	05SEP006.D		05SEP004.D		05SEP005.D						
Analyst Initials:	DT		DT		DT						
Dilution Factor:	1.0		1.0		1.0			Limits			
ANALYTE	Result pptv	Spike Amount	Result pptv	% Rec	Result pptv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/ Fail
Vinyl Chloride	0.0	500	569	114	540	108	5.2	70	130	30	Pass
1,1-Dichloroethene	0.0	500	541	108	434	87	21.8	70	130	30	Pass
1,1,1-Trichloroethane	0.0	500	457	91	459	92	0.6	70	130	30	Pass
Benzene	5.9	500	471	94	450	90	4.6	70	130	30	Pass
Trichloroethene	0.0	500	459	92	433	87	5.8	70	130	30	Pass
Tetrachloroethene	0.5	500	432	86	409	82	5.5	70	130	30	Pass

Reviewed/Approved By: _____ Date: 9/11/18
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 180907MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date/Time Analyzed:	9/7/18 4:57		9/7/18 2:53		9/7/18 3:34						
Data File ID:	07SEP008.D		07SEP005.D		07SEP006.D						
Analyst Initials:	DT		DT		DT						
Dilution Factor:	0.2		1.0		1.0			Limits			
ANALYTE	Result ppbv	Spike Amount	Result ppbv	% Rec	Result ppbv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/ Fail
1,1-Dichloroethene	0.0	10.0	9.4	94	9.2	92	2.0	70	130	30	Pass
Methylene Chloride	0.0	10.0	9.2	92	9.3	93	0.8	70	130	30	Pass
Trichloroethene	0.0	10.0	9.6	96	9.6	96	0.6	70	130	30	Pass
Toluene	0.0	10.0	9.4	94	9.4	94	0.6	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	8.0	80	7.9	79	0.8	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____ Date: 9/11/18

Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

Analysis Request & Chain of Custody Record

ORANGE COAST ANALYTICAL, INC.
3002 Dow Avenue, Suite 532
Tustin, CA 92780
Phone: (714) 832-0064 Fax: (714) 832-0067

www.ocalab.com
4620 East Elwood Street, Suite 4
Phoenix, AZ 85040
Phone: (480) 736-0960 Fax: (480) 736-0970

Lab Job No.: 23794 Page: 1 of 1

CUSTOMER INFORMATION	PROJECT INFORMATION
Company: Weston Solutions	Project Name: Lincoln Heights Jail
Send Report To: Brian Milton	Project Number:
Email: Brian.Milton@Westonsolutions.com	PO #:
Address:	Address (City / State): 421 N. Ave 19
	EDD Required: Yes
Phone: 510-332-2613 Fax:	Sampled By: Rod Tobias

ANALYSIS REQUEST / PRESERVATION

REQUESTED TURN-AROUND-TIME
Standard: X
72 Hour:
48 Hour:
24 Hour:

	Customer Sample IDs	No. of Containers	Sample Date	Sample Time	Sample Matrix	Container Type	TO-15										REMARKS / INSTRUCTIONS
1	SC-01	1	8-22-18	1215	Air	Summa	X										
2	SC-02	1	8-22-18	1246	Air	Summa	X										
3	SC-03	1	8-22-18	1215	Air	Summa	X										
4	SUS-01	1	8-23-18	0907	Air	SUMMA	X										
5	SUS-02	1	8-23-18	0916	Air	SUMMA	X										
6	SUS-03	1	8-23-18	1405	Air	Summa	X										
7	SUS-04	1	8-23-18	1408	Air	Summa	X										
8	SUS-08	1	8-23-18	1405	Air	Summa	X										

No. of Samples: 8 Method of Shipment: Lab pickup

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date: 8/24/18 Time: 1325	Received By:	Date: 8/24/18 Time: 1325
Company: Weston Solutions		Company:	
Relinquished By:	Date: Time:	Received By:	Date: Time:
Company:		Company:	
Relinquished By:	Date: Time:	Received For OCA By:	Date: Time:
Company:		Company:	

Sample Matrix:
GW - Groundwater
WW - Wastewater
SW - Stormwater
DW - Drinking Water
AQ - Aqueous
SS - Soil / Solid
OT - Other

Sample Integrity:
Intact: _____ On Ice: Yes / No @ _____ °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, by Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup samples upon completion of all analyses.

Sample Receipt Report

Laboratory Reference WST 23794

Logged in by MM

Received:	08/24/18 13:25	Company Name:	Weston Solutions, Inc.
Method of Shipment:	Lab Pick-Up	Project Manager:	Mr. Brian Milton
Shipping Container:	Box	Project Name:	Lincoln Heights Jail
# Shipping Containers:	1	Project #:	

Sample Quantity
8 Air

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☐	Yes, Blue ☐	No ☑
Temperature	°C		
Shipping Intact	Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2018
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	Weston Solutions, Inc.
Laboratory Reference:	WST 23804
Project Name:	Lincoln Heights TBA
Project Number:	20409.0113
Date Received:	8/29/2018
Date Reported:	9/18/2018
Chain of Custody Received:	☑
Analytical Method:	8015B, 8260B, 6010B, 7471A, 7470A,

Mark Noorani, Laboratory Director

© This report may only be reproduced in full. Any partial reproduction of this report requires written permission from Orange Coast Analytical, Inc.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA on ice.

2 Coolers received at the following temperatures (in ºC): 3.2, 2.4

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	Soil
SB-01-10	23804-002	8/29/2018	8/27/2018	Soil
SB-01-15	23804-003	8/29/2018	8/27/2018	Soil
SB-02-05	23804-004	8/29/2018	8/27/2018	Soil
SB-02-10	23804-005	8/29/2018	8/27/2018	Soil
SB-03-05	23804-006	8/29/2018	8/27/2018	Soil
SB-03-10	23804-007	8/29/2018	8/27/2018	Soil
SB-03-15	23804-008	8/29/2018	8/27/2018	Soil
SB-04-05	23804-009	8/29/2018	8/27/2018	Soil
SB-04-10	23804-010	8/29/2018	8/28/2018	Soil
SB-07-05	23804-011	8/29/2018	8/27/2018	Soil
SB-07-15	23804-012	8/29/2018	8/27/2018	Soil
SB-06-05	23804-013	8/29/2018	8/28/2018	Soil
SB-06-10	23804-014	8/29/2018	8/28/2018	Soil
Equipment Blank	23804-015	8/29/2018	8/28/2018	Water
Drum	23804-016	8/29/2018	8/28/2018	Soil

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	94
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-01-05	23804-001	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	94
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-01-10	23804-002	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	63
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-01-10	23804-002	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	63
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-01-15	23804-003	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	75
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	75

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
DROs	<10

Surrogate:	% RC*
Octacosane	75

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	75

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
DROs	<10

Surrogate:	% RC*
Octacosane	49

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	49

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	64
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-03-05	23804-006	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	64
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-03-10	23804-007	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	85
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-03-10	23804-007	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	85
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SB-03-15	23804-008	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	80
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	80

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
DROs	<10

Surrogate:	% RC*
Octacosane	76

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	76

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
DROs	<10

Surrogate:	% RC*
Octacosane	68

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	68

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	9/6/2018	9/9/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	82
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	82
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	9/6/2018	9/9/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	69
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30	Octacosane	69
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	79
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	79

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg
DROs	<10

Surrogate:	% RC*
Octacosane	63

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	63

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg
DROs	120

Surrogate:	% RC*
Octacosane	89

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg
MROs	450

Surrogate:	% RC*
Octacosane	89

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV0906183			9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
DROs	<10

Surrogate:	% RC*
Octacosane	81

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV0906183			9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg
MROs	<30

Surrogate:	% RC*
Octacosane	81

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	73

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-10	23804-002	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	73

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	72

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	70

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	69

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	70

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-10	23804-007	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	71

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	71

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	8/28/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	76

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	66

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	8/28/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	84

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	8/28/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	8/31/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	66

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBTS0831181			8/31/2018	8/31/2018	Soil

ANALYTE	mg/kg
GROs[1]	<0.20

Surrogate:	% RC*
α-α-α-Trifluorotoluene	68

* Acceptable Recovery: 49-130 %

Dilution Factor: 1
Data Qualifiers: None

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	103	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-10	23804-002	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	100	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	103	42-139 %
Toluene-d8:	81	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	100	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-10	23804-007	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	77	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	81	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	8/28/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	107	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	101	42-139 %
Toluene-d8:	79	55-130 %
4-Bromofluorobenzene:	77	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	8/28/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	108	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	8/28/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	107	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	8/29/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBMN0829181			8/29/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	98	42-139 %
Toluene-d8:	82	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBMN0830181			8/30/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	79	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Equipment Blank	23804-015	8/29/2018	8/28/2018	9/1/2018	9/1/2018	Water

ANALYTE	CAS #	µg/L	ANALYTE	CAS #	µg/L
t-Amyl methyl ether (TAME)	994-05-8	<1.0	trans-1,3-Dichloropropene	10061-02-6	<0.50
Benzene	71-43-2	<0.50	Diisopropyl ether (DIPE)	108-20-3	<1.0
Bromobenzene	108-86-1	<0.50	Ethyl t-butyl ether (ETBE)	637-92-3	<1.0
Bromochloromethane	74-97-5	<0.50	Ethylbenzene	100-41-4	<0.50
Bromodichloromethane	75-27-4	<1.0	Hexachlorobutadiene	87-68-3	<0.50
Bromoform	75-25-2	<0.50	Isopropylbenzene	98-82-8	<0.50
Bromomethane	74-83-9	<5.0	4-Isopropyltoluene	99-87-6	<0.50
tert-Butyl alcohol (TBA)	75-65-0	<10	Methyl t-butyl ether (MTBE)	1634-04-4	<1.0
n-Butylbenzene	104-51-8	<0.50	Methylene chloride	75-09-2	<5.0
sec-Butylbenzene	135-98-8	<0.50	Naphthalene	91-20-3	<0.50
tert-Butylbenzene	98-06-6	<0.50	n-Propylbenzene	103-65-1	<0.50
Carbon tetrachloride	56-23-5	<0.50	Styrene	100-42-5	<0.50
Chlorobenzene	108-90-7	<0.50	1,1,1,2-Tetrachloroethane	630-20-6	<0.50
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<0.50
Chloroform	67-66-3	<0.50	Tetrachloroethene	127-18-4	<0.50
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<0.50
2-Chlorotoluene	95-49-8	<0.50	1,2,3-Trichlorobenzene	87-61-6	<0.50
4-Chlorotoluene	106-43-4	<0.50	1,2,4-Trichlorobenzene	120-82-1	<0.50
Dibromochloromethane	124-48-1	<0.50	1,1,1-Trichloroethane	71-55-6	<0.50
1,2-Dibromo-3-chloropropane	96-12-8	<2.0	1,1,2-Trichloroethane	79-00-5	<0.50
1,2-Dibromoethane	106-93-4	<0.50	Trichloroethene	79-01-6	<0.50
Dibromomethane	74-95-3	<0.50	Trichlorofluoromethane	75-69-4	<2.0
1,2-Dichlorobenzene	95-50-1	<0.50	1,2,3-Trichloropropane	96-18-4	<0.50
1,3-Dichlorobenzene	541-73-1	<0.50	1,2,4-Trimethylbenzene	95-63-6	<0.50
1,4-Dichlorobenzene	106-46-7	<0.50	1,3,5-Trimethylbenzene	108-67-8	<0.50
Dichlorodifluoromethane	75-71-8	<2.0	Vinyl Chloride	75-01-4	<0.50
1,1-Dichloroethane	75-34-3	<0.50	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<0.50			
1,1-Dichloroethene	75-35-4	<0.50			
cis-1,2-Dichloroethene	156-59-2	<0.50			
trans-1,2-Dichloroethene	156-60-5	<0.50			
1,2-Dichloropropane	78-87-5	<1.0			
1,3-Dichloropropane	142-28-9	<0.50			
2,2-Dichloropropane	594-20-7	<0.50			
1,1-Dichloropropene	563-58-6	<0.50			
cis-1,3-Dichloropropene	10061-01-5	<0.50			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	58-136 %
Toluene-d8:	88	54-130 %
4-Bromofluorobenzene:	72	52-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBMN0901181			9/1/2018	9/1/2018	Water

ANALYTE	CAS #	µg/L	ANALYTE	CAS #	µg/L
t-Amyl methyl ether (TAME)	994-05-8	<1.0	trans-1,3-Dichloropropene	10061-02-6	<0.50
Benzene	71-43-2	<0.50	Diisopropyl ether (DIPE)	108-20-3	<1.0
Bromobenzene	108-86-1	<0.50	Ethyl t-butyl ether (ETBE)	637-92-3	<1.0
Bromochloromethane	74-97-5	<0.50	Ethylbenzene	100-41-4	<0.50
Bromodichloromethane	75-27-4	<1.0	Hexachlorobutadiene	87-68-3	<0.50
Bromoform	75-25-2	<0.50	Isopropylbenzene	98-82-8	<0.50
Bromomethane	74-83-9	<5.0	4-Isopropyltoluene	99-87-6	<0.50
tert-Butyl alcohol (TBA)	75-65-0	<10	Methyl t-butyl ether (MTBE)	1634-04-4	<1.0
n-Butylbenzene	104-51-8	<0.50	Methylene chloride	75-09-2	<5.0
sec-Butylbenzene	135-98-8	<0.50	Naphthalene	91-20-3	<0.50
tert-Butylbenzene	98-06-6	<0.50	n-Propylbenzene	103-65-1	<0.50
Carbon tetrachloride	56-23-5	<0.50	Styrene	100-42-5	<0.50
Chlorobenzene	108-90-7	<0.50	1,1,1,2-Tetrachloroethane	630-20-6	<0.50
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<0.50
Chloroform	67-66-3	<0.50	Tetrachloroethene	127-18-4	<0.50
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<0.50
2-Chlorotoluene	95-49-8	<0.50	1,2,3-Trichlorobenzene	87-61-6	<0.50
4-Chlorotoluene	106-43-4	<0.50	1,2,4-Trichlorobenzene	120-82-1	<0.50
Dibromochloromethane	124-48-1	<0.50	1,1,1-Trichloroethane	71-55-6	<0.50
1,2-Dibromo-3-chloropropane	96-12-8	<2.0	1,1,2-Trichloroethane	79-00-5	<0.50
1,2-Dibromoethane	106-93-4	<0.50	Trichloroethene	79-01-6	<0.50
Dibromomethane	74-95-3	<0.50	Trichlorofluoromethane	75-69-4	<2.0
1,2-Dichlorobenzene	95-50-1	<0.50	1,2,3-Trichloropropane	96-18-4	<0.50
1,3-Dichlorobenzene	541-73-1	<0.50	1,2,4-Trimethylbenzene	95-63-6	<0.50
1,4-Dichlorobenzene	106-46-7	<0.50	1,3,5-Trimethylbenzene	108-67-8	<0.50
Dichlorodifluoromethane	75-71-8	<2.0	Vinyl chloride	75-01-4	<0.50
1,1-Dichloroethane	75-34-3	<0.50	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<0.50			
1,1-Dichloroethene	75-35-4	<0.50			
cis-1,2-Dichloroethene	156-59-2	<0.50			
trans-1,2-Dichloroethene	156-60-5	<0.50			
1,2-Dichloropropane	78-87-5	<1.0			
1,3-Dichloropropane	142-28-9	<0.50			
2,2-Dichloropropane	594-20-7	<0.50			
1,1-Dichloropropene	563-58-6	<0.50			
cis-1,3-Dichloropropene	10061-01-5	<0.50			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	95	58-136 %
Toluene-d8:	83	54-130 %
4-Bromofluorobenzene:	68	52-130 %

Dilution Factor: 1

Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Equipment Blank	23804-015	8/29/2018	8/28/2018	8/30/2018	8/30/2018	Water

ANALYTE	µg/L	Surrogate:	% RC*
GROs[1]	<50	α-α-α-Trifluorotoluene	73

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 37-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBTS0830181			8/30/2018	8/30/2018	Water

ANALYTE	µg/L	Surrogate:	% RC*
GROs[1]	<50	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 37-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	50	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.4	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.8	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	6.6	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.7	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	5.1	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	24	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	27	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-01-10	23804-002	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	60	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.66	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	9.7	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.1	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	8.7	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.1	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	1.9	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	13	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	25	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	28	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	10	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	74	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.66	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.3	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	6.5	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	13	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.9	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	0.14	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	3.9	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	16	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	24	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	33	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	43	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	4.6	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	4.2	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	<5.0	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.5	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	3.2	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	17	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	18	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	7.1	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	63	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	0.62	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.78	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	23	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	13	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	27	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	6.5	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	2.3	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	22	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	51	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	65	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	45	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	1.9	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.7	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	15	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.7	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	2.2	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	20	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	36	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-03-10	23804-007	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	55	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	9.9	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	6.6	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	8.0	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.6	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	5.3	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	38	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	31	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	2.4	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	29	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	4.5	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	3.1	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	<5.0	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.8	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	2.7	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	15	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	18	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	30	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.2	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	4.2	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	5.4	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.8	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	3.3	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	32	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	19	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	73	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	14	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	8.4	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	9.6	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.6	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	1.8	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	12	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	30	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	35	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	28	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	4.5	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	3.2	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	<5.0	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.6	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	2.2	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	19	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	15	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	9.5	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	62	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.61	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	8.2	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.3	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	12	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.5	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	3.6	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	14	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	25	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	29	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	86	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.51	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.6	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.9	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	9.6	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	85	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	0.12	mg/kg	08/30/18	08/31/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	6.0	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	28	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	150	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	50	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	9.1	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	6.5	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	7.9	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.3	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	9.4	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	21	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	31	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Drum	23804-016	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	62	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	8.7	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.9	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	10	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	11	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	7.7	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	29	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	39	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBIR0830181	Antimony	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Arsenic	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Barium	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Beryllium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Cadmium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Chromium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Cobalt	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Copper	6010B	<5.0	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Lead	6010B	<0.80	mg/kg	08/30/18	08/31/18	--	1
MBJV0830183	Mercury	7471A	<0.10	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Molybdenum	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Nickel	6010B	<1.0	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Selenium	6010B	<4.8	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Silver	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Thallium	6010B	<2.0	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Vanadium	6010B	<0.50	mg/kg	08/30/18	08/31/18	--	1
MBIR0830181	Zinc	6010B	<5.0	mg/kg	08/30/18	08/31/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Equipment Blank	23804-015	8/29/2018	8/28/2018	Water

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
Arsenic	6010B	<0.040	mg/L	08/30/18	09/04/18	--	1
Barium	6010B	<0.020	mg/L	08/30/18	09/04/18	--	1
Beryllium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Cadmium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Chromium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Cobalt	6010B	<0.050	mg/L	08/30/18	09/04/18	--	1
Copper	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
Lead	6010B	<0.040	mg/L	08/30/18	09/04/18	--	1
Mercury	7470A	<0.0010	mg/L	09/04/18	09/05/18	--	1
Molybdenum	6010B	<0.050	mg/L	08/30/18	09/04/18	--	1
Nickel	6010B	<0.020	mg/L	08/30/18	09/04/18	--	1
Selenium	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
Silver	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Thallium	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
Vanadium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Zinc	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Water

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBIR0830183	Antimony	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Arsenic	6010B	<0.040	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Barium	6010B	<0.020	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Beryllium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Cadmium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Chromium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Cobalt	6010B	<0.050	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Copper	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Lead	6010B	<0.040	mg/L	08/30/18	09/04/18	--	1
MBJV0904181	Mercury	7470A	<0.0010	mg/L	09/04/18	09/05/18	--	1
MBIR0830183	Molybdenum	6010B	<0.050	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Nickel	6010B	<0.020	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Selenium	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Silver	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Thallium	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Vanadium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
MBIR0830183	Zinc	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1

QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 9/6/2018
Date of Analysis: 9/8/2018
Dup Date of Analysis: 9/8/2018
Laboratory Sample #: 23804-013
MS/MSD Qualifiers: None
Reference #: WST 23804

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1490	1260	149	126	17	59-164	26	

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	66	87	

LCS	LCSD	Qual
83	84	

ACP % RC
40-159

Laboratory Control Sample

Date of Extraction: 9/6/2018
Date of Analysis: 9/8/2018
Dup Date of Analysis: 9/8/2018
Laboratory Sample #: AV0906183
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1150	1200	115	120	4	70-132	20	

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/31/2018
Date of Analysis: 8/31/2018
Dup Date of Analysis: 8/31/2018
Laboratory Sample #: 23804-013
MS/MSD Qualifiers: None
Reference #: WST 23804

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.163	0.200	65	80	20	42-130	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
α-α-α-Trifluorotoluene	94	91	☐	99	96	☐	49-130

Laboratory Control Sample

Date of Extraction: 8/31/2018
Date of Analysis: 8/31/2018
Dup Date of Analysis: 8/31/2018
Laboratory Sample #: TS0831181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.152	0.156	61	62	3	44-130	20	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/29/2018
Date of Analysis: 8/29/2018
Dup Date of Analysis: 8/29/2018
Laboratory Sample #: 23788-012
MS/MSD Qualifiers: None
Reference #: WST 23804

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	10.9	10.5	109	105	4	53-130	20	☐
Benzene	0.00	10.0	11.0	10.5	110	105	5	67-135	20	☐
Trichloroethene	0.00	10.0	12.1	11.8	121	118	3	70-130	20	☐
Toluene	0.00	10.0	12.0	11.5	120	115	4	69-130	20	☐
Chlorobenzene	0.00	10.0	11.7	10.9	117	109	7	70-130	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	99	98	☐	102	99	☐	42-139
Toluene-d8	82	81	☐	82	82	☐	55-130
4-Bromofluorobenzene	76	74	☐	76	77	☐	55-130

Laboratory Control Sample

Date of Extraction: 8/29/2018
Date of Analysis: 8/29/2018
Dup Date of Analysis: 8/29/2018
Laboratory Sample #: MN0829181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	10.6	10.3	106	103	3	54-130	20	☐
Benzene	10.0	10.3	10.3	103	103	0	66-137	20	☐
Trichloroethene	10.0	11.5	11.8	115	118	3	70-130	20	☐
Toluene	10.0	11.3	11.2	113	112	1	70-130	20	☐
Chlorobenzene	10.0	10.6	10.8	106	108	2	70-130	20	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/30/2018
Date of Analysis: 8/30/2018
Dup Date of Analysis: 8/30/2018
Laboratory Sample #: 23804-013
MS/MSD Qualifiers: None
Reference #: WST 23804

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	10.8	10.0	108	100	8	53-130	20	☐
Benzene	0.00	10.0	10.1	10.5	101	105	4	67-135	20	☐
Trichloroethene	0.00	10.0	11.5	11.8	115	118	3	70-130	20	☐
Toluene	0.00	10.0	11.1	11.5	111	115	4	69-130	20	☐
Chlorobenzene	0.00	10.0	10.8	11.1	108	111	3	70-130	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	107	102	☐	102	105	☐	42-139
Toluene-d8	78	79	☐	80	79	☐	55-130
4-Bromofluorobenzene	75	77	☐	77	75	☐	55-130

Laboratory Control Sample

Date of Extraction: 8/30/2018
Date of Analysis: 8/30/2018
Dup Date of Analysis: 8/30/2018
Laboratory Sample #: MN0830181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	10.9	11.7	109	117	7	54-130	20	☐
Benzene	10.0	10.0	10.6	100	106	6	66-137	20	☐
Trichloroethene	10.0	11.6	12.1	116	121	4	70-130	20	☐
Toluene	10.0	11.1	11.7	111	117	5	70-130	20	☐
Chlorobenzene	10.0	10.7	11.4	107	114	6	70-130	20	☐

QA/QC Report
for
Volatile Organic Compounds (EPA 8260B)
Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 9/1/2018
Date of Analysis: 9/1/2018
Dup Date of Analysis: 9/1/2018
Laboratory Sample #: 23804-015
MS/MSD Qualifiers: M1,
Reference #: WST 23804

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
1,1-Dichloroethene	0.00	10.0	9.54	11.0	95	110	14	51-134	20	☐
Benzene	0.00	10.0	10.4	11.4	104	114	9	65-138	20	☐
Trichloroethene	0.00	10.0	12.9	13.4	129	134	4	70-133	20	☑
Toluene	0.00	10.0	12.2	12.7	122	127	4	67-130	20	☐
Chlorobenzene	0.00	10.0	11.6	12.1	116	121	4	70-131	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	99	99	☐	97	97	☐	58-136
Toluene-d8	83	82	☐	84	83	☐	54-130
4-Bromofluorobenzene	72	68	☐	71	70	☐	52-130

Laboratory Control Sample

Date of Extraction: 9/1/2018
Date of Analysis: 9/1/2018
Dup Date of Analysis: 9/1/2018
Laboratory Sample #: MN0901181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
1,1-Dichloroethene	10.0	9.63	8.78	96	88	9	55-130	20	☐
Benzene	10.0	9.34	8.91	93	89	5	65-134	20	☐
Trichloroethene	10.0	11.0	10.7	110	107	3	70-130	20	☐
Toluene	10.0	11.2	10.6	112	106	6	69-130	20	☐
Chlorobenzene	10.0	10.6	9.88	106	99	7	70-130	20	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)

Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/30/2018
Date of Analysis: 8/30/2018
Dup Date of Analysis: 8/30/2018
Laboratory Sample #: 23804-015
MS/MSD Qualifiers: None
Reference #: WST 23804

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	100	57.0	60.3	57	60	6	41-130	27	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
α-α-α-Trifluorotoluene	98	98	☐	102	99	☐	37-130

Laboratory Control Sample

Date of Extraction: 8/30/2018
Date of Analysis: 8/30/2018
Dup Date of Analysis: 8/30/2018
Laboratory Sample #: TS0830181
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	100	68.7	60.7	69	61	12	45-130	23	☐

QA/QC Report
for
Metals

Reference #: WST 23804 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Antimony	8/30/2018	8/31/2018	8/31/2018	23804-013	0.00	20.0	3.98	4.37	20	22	9	75-125	20	M2,
Arsenic	8/30/2018	8/31/2018	8/31/2018	23804-013	0.00	20.0	18.8	18.2	94	91	3	75-125	20	--
Barium	8/30/2018	8/31/2018	8/31/2018	23804-013	86.0	20.0	109	94.8	115	44	14	75-125	20	M3,
Beryllium	8/30/2018	8/31/2018	8/31/2018	23804-013	0.00	20.0	20.5	20.5	102	102	0	75-125	20	--
Cadmium	8/30/2018	8/31/2018	8/31/2018	23804-013	0.510	20.0	20.6	20.5	100	100	0	75-125	20	--
Chromium	8/30/2018	8/31/2018	8/31/2018	23804-013	7.60	20.0	27.7	28.0	100	102	1	75-125	20	--
Cobalt	8/30/2018	8/31/2018	8/31/2018	23804-013	5.90	20.0	27.6	26.7	109	104	3	75-125	20	--
Copper	8/30/2018	8/31/2018	8/31/2018	23804-013	9.60	20.0	29.2	29.2	98	98	0	75-125	20	--
Lead	8/30/2018	8/31/2018	8/31/2018	23804-013	85.0	20.0	148	104	315	95	35	75-125	20	M3,
Mercury	8/30/2018	8/31/2018	8/31/2018	23804-013	0.120	1.00	1.02	1.01	90	89	1	80-120	20	--
Molybdenum	8/30/2018	8/31/2018	8/31/2018	23804-013	0.00	20.0	18.9	19.0	94	95	1	75-125	20	--
Nickel	8/30/2018	8/31/2018	8/31/2018	23804-013	6.00	20.0	27.3	26.3	106	101	4	75-125	20	--
Selenium	8/30/2018	8/31/2018	8/31/2018	23804-013	0.00	20.0	19.2	19.1	96	96	1	75-125	20	--
Silver	8/30/2018	8/31/2018	8/31/2018	23804-013	0.00	20.0	19.2	19.6	96	98	2	75-125	20	--
Thallium	8/30/2018	8/31/2018	8/31/2018	23804-013	0.00	20.0	16.6	16.9	83	84	2	75-125	20	--
Vanadium	8/30/2018	8/31/2018	8/31/2018	23804-013	28.0	20.0	49.2	48.8	106	104	1	75-125	20	--
Zinc	8/30/2018	8/31/2018	8/31/2018	23804-013	150	20.0	196	170	230	100	14	75-125	20	M3,

QA/QC Report
for
Metals

Reference #: WST 23804 Reporting units: ppm

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
Antimony	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	20.0	19.8	100	99	1	80-120	20	--
Arsenic	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	19.8	19.5	99	98	2	80-120	20	--
Barium	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	19.8	19.9	99	100	1	80-120	20	--
Beryllium	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	20.4	20.2	102	101	1	80-120	20	--
Cadmium	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	19.6	20.4	98	102	4	80-120	20	--
Chromium	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	20.7	20.8	104	104	0	80-120	20	--
Cobalt	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	22.4	22.2	112	111	1	80-120	20	--
Copper	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	21.7	21.9	109	110	1	80-120	20	--
Lead	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	21.3	20.9	106	104	2	80-120	20	--
Molybdenum	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	20.2	20.1	101	100	0	80-120	20	--
Nickel	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	22.5	22.4	113	112	0	80-120	20	--
Selenium	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	19.4	18.6	97	93	4	80-120	20	--
Silver	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	20.7	20.8	104	104	0	80-120	20	--
Thallium	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	20.7	20.8	104	104	0	80-120	20	--
Vanadium	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	20.1	20.3	100	101	1	80-120	20	--
Zinc	8/30/2018	8/31/2018	8/31/2018	IR0830181	20.0	22.0	21.5	110	108	2	80-120	20	--
Mercury	8/30/2018	8/31/2018	8/31/2018	JV0830183	1.00	0.975	0.934	98	93	4	80-120	20	--

QA/QC Report
for
Metals

Reference #: WST 23804 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7470A**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Antimony	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.400	0.394	100	98	2	75-125	20	--
Arsenic	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.381	0.383	95	96	1	75-125	20	--
Barium	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.394	0.391	98	98	1	75-125	20	--
Beryllium	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.393	0.394	98	98	0	75-125	20	--
Cadmium	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.403	0.383	101	96	5	75-125	20	--
Chromium	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.402	0.399	100	100	1	75-125	20	--
Cobalt	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.435	0.434	109	108	0	75-125	20	--
Copper	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.417	0.414	104	103	1	75-125	20	--
Lead	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.416	0.421	104	105	1	75-125	20	--
Molybdenum	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.394	0.397	98	99	1	75-125	20	--
Nickel	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.434	0.435	108	109	0	75-125	20	--
Selenium	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.379	0.377	95	94	1	75-125	20	--
Silver	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.413	0.412	103	103	0	75-125	20	--
Thallium	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.410	0.413	102	103	1	75-125	20	--
Vanadium	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.388	0.385	97	96	1	75-125	20	--
Zinc	8/30/2018	9/4/2018	9/4/2018	23804-015	0.00	0.400	0.417	0.416	104	104	0	75-125	20	--
Mercury	9/4/2018	9/5/2018	9/5/2018	23804-015	0.00	0.00500	0.00451	0.00441	90	88	2	80-120	20	--

QA/QC Report
for
Metals

Reference #: WST 23804

Reporting units: ppm

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
Antimony	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.400	0.398	100	100	1	80-120	20	--
Arsenic	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.395	0.379	99	95	4	80-120	20	--
Barium	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.399	0.381	100	95	5	80-120	20	--
Beryllium	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.391	0.390	98	97	0	80-120	20	--
Cadmium	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.394	0.379	98	95	4	80-120	20	--
Chromium	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.408	0.392	102	98	4	80-120	20	--
Cobalt	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.441	0.432	110	108	2	80-120	20	--
Copper	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.423	0.406	106	101	4	80-120	20	--
Lead	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.430	0.414	108	103	4	80-120	20	--
Molybdenum	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.404	0.395	101	99	2	80-120	20	--
Nickel	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.443	0.433	111	108	2	80-120	20	--
Selenium	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.399	0.399	100	100	0	80-120	20	--
Silver	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.420	0.402	105	100	4	80-120	20	--
Thallium	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.414	0.411	103	103	1	80-120	20	--
Vanadium	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.395	0.379	99	95	4	80-120	20	--
Zinc	8/30/2018	9/4/2018	9/4/2018	IR0830183	0.400	0.434	0.419	108	105	4	80-120	20	--
Mercury	9/4/2018	9/5/2018	9/5/2018	JV0904181	0.00500	0.00444	0.00435	89	87	2	80-120	20	--

Data Qualifier Definitions

Qualifier

M1 = Matrix spike recovery was high, the associated blank spike recovery was acceptable.

23804-015	8260B	Trichloroethene	MSD

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

23804-013	6010B	Antimony	MS/MSD

M3 = The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The associated blank spike recovery was acceptable.

23804-013	6010B	Barium	MS/MSD
23804-013	6010B	Lead	MS/MSD
23804-013	6010B	Zinc	MS/MSD

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Analysis Request and Chain of Custody Record

ORANGE COAST ANALYTICAL, INC. www.ocalab.com

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

Lab Job No: 23804
Page 1 of 2

REQUIRED TURN AROUND TIME: Standard: ____
72 Hours: ____ 48 Hours: ____ 24 Hours: ____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Weston Solutions Inc.	PROJECT NAME:	Lincoln Heights TBA
SEND REPORT TO:	Brian Milton	NUMBER:	20489.0113
EMAIL:	brian.milton@westonsolutions.com	ADDRESS:	401 N 19th St.
ADDRESS:	2300 Clayton Rd Ste 900		Los Angeles CA
	Concord CA 94520	P.O. #:	
PHONE:	925 948 2613 FAX: what the?	SAMPLED BY:	B. Carlisson C. McCoy

ANALYSIS REQUEST / PRESERVATIVE: VOCs method 8260 (D); TPH-g method 8015 (D); TPH-d method 8015 (D); Metals (D)

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	VOCs	TPH-g	TPH-d	Metals	REMARKS/PRECAUTIONS
1	SB-01-05	5	8/27/18	0820	S-1	40ml VOA / 1L amber glass	X	X	X	X	
2	SB-01-10	5	8/27/18	0830	"	"	X	X	X	X	
3	SB-01-15	5	8/27/18	0840	"	"	X	X	X	X	
4	SB-02-05	5	8/27/18	1015	"	"	X	X	X	X	
5	SB-02-10	5	8/27/18	1030	"	"	X	X	X	X	
	~~SB-02-15~~ B.C.										
6	SB-03-05	5	8/27/18	1200	"	"	X	X	X	X	
7	SB-03-10	5	8/27/18	1205	"	"	X	X	X	X	
8	SB-03-15	5	8/27/18	1210	"	"	X	X	X	X	
9	SB-04-05	5	8/27/18	1350	"	"	X	X	X	X	
10	SB-04-10	5	8/28/18	0750	"	"	X	X	X	X	
11	SB-07-05	5	8/27/18	0900	"	"	X	X	X	X	
12	SB-07-15	5	8/27/18	0850	"	"	X	X	X	X	
13	SB-06-05 ms/msD	~~5~~ 10	8/28/18	1015	"	"	X	X	X	X	ms/msD

Total No. of Samples: Method of Shipment: Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Celeste Mg	8/29/18	Jose Nuñez	08/29/18
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix: DW - Drinking Water; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3.2 2.4 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sampl

Analysis Request and Chain of Custody Record

Lab Job No: 23804
Page 2 of 2

ORANGE COAST ANALYTICAL, INC. www.ocalab.com
3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard: _____
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Weston	PROJECT NAME:	Lincoln
SEND REPORT TO:	Brian Milton	NUMBER:	20409.0113
EMAIL:	brian.milton@westonsolutions.com	ADDRESS:	401 N 19th St.
ADDRESS:	2300 ~~Concord~~ Clayton Rd #900		Los Angeles CA
	Concord CA 94520	P.O. #:	
PHONE:	FAX:	SAMPLED BY:	B. Castellanos C. McCoy

ANALYSIS REQUEST / PRESERVATIVE: VOCs methanol ①; TPHg methanol ①; TPH, mo ①; metals ①

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	VOCs methanol ①	TPHg methanol ①	TPH, mo ①	metals ①							REMARKS/PRECAUTIONS
14	SB-06-10	5	8/28/18	1030	Soil	4x VOA 1x glass	X	X	X	X							
15	Equipment Blank	5	8/28/18	1130	water	4x VOAs 1x poly	X	X		X							
16	Drum	2	8/28/18	1200	Soil	glass	X	X	X	X							IDW sample

Total No. of Samples: Method of Shipment: Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date/Time:	Received By:	Date/Time:
Celeste McCoy	8/29/18	Jose Vivero	08/29/18
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Sample Matrix:
DW - Drinking Water
GW - Groundwater
WW - Wastewater
SS - Soil/Solid
OT- Other

Sample Integrity: Intact ✓ On Ice ✓ 3.2 2.4°C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sampl

Sample Receipt Report

Laboratory Reference WST 23804 Logged in by MM

Received:	08/29/18	Company Name:	Weston Solutions, Inc.
Method of Shipment:	Lab Pick-Up	Project Manager:	Mr. Brian Milton
Shipping Container:	Cooler	Project Name:	Lincoln Heights TBA
# Shipping Containers:	2	Project #:	20409.0113

Sample Quantity
15 Soil 1 Water

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	°C		
Shipping Intact	Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☑	N/A ☐	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

2 Coolers received at the following temperatures (in °C): 3.2, 2.4

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

Regulatory Limit Exceedance Report

10x STLC Limits

Lab Reference #: **WST 23804**

Date Received **8/29/2018**

Project Name: **Lincoln Heights TBA**

Project #: **20409.0113**

Client Sample #		Lab Sample #			
SB-06-05		23804-013			
Analyte	CAS #	Method	Result	Regulatory Limit	Compound Note
Lead	7439-92-1	6010B	**85 mg/L**	50 mg/L	

Note: All compounds were analyzed for total concentration and are being compared to 10x STLC levels.

This report is to be used only to assist determining any concentration above a certain regulatory limit. All information must be confirmed by cross-referencing with current regulatory guidance and the official laboratory report from which this report was generated.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 • (714) 832-0064 • Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 • (480) 736-0960 • Fax (480) 736-0970

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave, Ste 101
Long Beach, CA 90805

9/20/2018

RE: Methyl Bromide and Chloropicrin

analysis Reference No.: WST 23793

Dear Brian,

Orange Coast Analytical, Inc. received soil samples with Methyl Bromide and Chloropicrin analysis requested. The following report contains the results of the analysis performed by SGS Galson in East Syracuse, NY.

If there are any questions regarding these analytical results, please feel free to contact us.

Sincerely,

Mark Noorani
Laboratory Director

SGS GALSON

Mr. Mark Noorani
Orange Coast Analytical, Inc.
3002 Dow Avenue
Suite 532
Tustin, CA 92780

September 17, 2018

Account# 34353

Login# L454326

Dear Mr. Noorani:

Enclosed are the analytical results for the samples received by our laboratory on August 28, 2018. All test results meet the quality control requirements of AIHA-LAP and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

The samples submitted for Chloropicrin were subcontracted to Wisconsin Occupational Health Laboratories. Their report is enclosed in its entirety.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. When possible, non-IOM samples will be retained for 14 days following the date of this report (unless an extension is specifically requested). IOM samples are retained for 7 days.

Current Scopes of Accreditation can be viewed at www.sgsgalson.com in the accreditations section of the "About" page.

Please contact Shaun Stewart at (888) 432-5227, if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Lisa Swab
Laboratory Director

Enclosure(s)

LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Orange Coast Analytical, Inc.
Site : Lincoln Heights Jail

Date Sampled : 23-AUG-18
Date Received : 28-AUG-18

Account No.: 34353
Login No. : L454326

Date Analyzed : 29-AUG-18 - 30-AUG-18
Report ID : 1087073

Methyl Bromide

Sample ID	Lab ID	Front1 ug	Back1 ug	Front2 ug	Back2 ug	Total ug	Conc mg/m3	ppm
MB 1A/B	L454326-1	<5	<5	<5	<5	<5	<1	<0.4
MB 2A/B	L454326-2	<5	<5	<5	<5	<5	<1	<0.4
MB-BLANK A/B	L454326-3	<5	<5	<5	<5	<5	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
Analytical Method : mod. OSHA PV2040; GC/FID
Collection Media : 226-83 x2

Submitted by: JCN
Date : 04-SEP-18
Supervisor : KAG

Approved by: MLN
NYS DOH # : 11626
QC by : KSB

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million

LABORATORY FOOTNOTE REPORT

GALSON

Client Name : Orange Coast Analytical, Inc.
Site : Lincoln Heights Jail

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Date Sampled : 23-AUG-18 - 24-AUG-18 Account No.: 34353
Date Received: 28-AUG-18 Login No. : L454326
Date Analyzed: 29-AUG-18 - 30-AUG-18

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise noted below, all quality control results associated with the samples were within established control limits or did not impact reported results.

Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

Unless otherwise noted below, reported results have not been blank corrected for any field blank or method blank.

L454326 (Report ID: 1087073):
Total ug corrected for a desorption efficiency of 91%.
SOPs: GC-SOP-16(19), GC-SOP-8(22), GC-SOP-12(14)

L454326 (Report ID: 1087073):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Methyl Bromide	N/A	N/A

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms	ppm -Parts per Million		
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified	ND -Not Detected	NA -Not Applicable	

Wisconsin Occupational Health Laboratory
WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN-MADISON

2601 Agriculture Drive
Madison, WI 53718
Phone: (800) 446-0403
Fax: (608) 224-6213
Web: wohl-lab.org

SHELLY KRAUSE
GALSON LABORATORIES
6601 KIRKVILLE RD
EAST SYRACUSE, NY 13057-9672

Lab Workorder ID	404018
Visit/Project ID	L454326
PO	34353
Received	August 29, 2018
Reported	September 14, 2018
Report ID	5748769
Previous Report IDs	5722139

Dear SHELLY KRAUSE:

Enclosed are the analytical results for sample(s) received by the laboratory on August 29, 2018. All samples received were acceptable, results were not blank corrected, and all quality control met laboratory standards unless otherwise noted in the body of the report.

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

Sincerely,

Steve Strebel, Laboratory Director

Analyst - MICHAEL JAGER

Wisconsin Occupational Health Laboratory
WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN-MADISON

2601 Agriculture Drive
Madison, WI 53718
Phone: (800) 446-0403
Fax: (608) 224-6213
Web: www.wohl-lab.org

Final Report

Lab ID: **404018001** Sample ID: **C-1 A/B** Media: **XAD-4, Two tubes in series**
Sampling Date: **8/23/2018** Matrix: **Air** Sampled Time:

The Chloropicrin results for this sample is <2.6 ug/m3 +/- <0.26 ug/m3 calculated at the 95% confidence interval (coverage factor k=2) with a negative bias of 0.28 ug/m3.

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	RESULT Air Concentration	TWA
Chloropicrin	OSHA PV2103	9/7/2018	3.82 L	10 ng	<10 ng	<10 ng	<10 ng	<2.6 ug/m3	< PPB

Lab ID: **404018002** Sample ID: **C-2 A/B** Media: **XAD-4, Two tubes in series**
Sampling Date: **8/24/2018** Matrix: **Air** Sampled Time:

The Chloropicrin results for this sample is <2.7 ug/m3 +/- <0.27 ug/m3 calculated at the 95% confidence interval (coverage factor k=2) with a negative bias of 0.29 ug/m3.

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	RESULT Air Concentration	TWA
Chloropicrin	OSHA PV2103	9/7/2018	3.77 L	10 ng	<10 ng	<10 ng	<10 ng	<2.7 ug/m3	< PPB

Lab ID: **404018003** Sample ID: **C-B1/B2** Media: **XAD-4, Two tubes in series**
Sampling Date: **8/24/2018** Matrix: **Air** Sampled Time:

The Chloropicrin results for this sample is <10 ng +/- <1.0 ng calculated at the 95% confidence interval (coverage factor k=2) with a negative bias of 1.1 ng.

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	RESULT Air Concentration	TWA
Chloropicrin	OSHA PV2103	9/7/2018		10 ng	<10 ng	<10 ng	<10 ng	n/a	n/a

Wisconsin Occupational Health Laboratory
WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN-MADISON

2601 Agriculture Drive
Madison, WI 53718
Phone: (800) 446-0403
Fax: (608) 224-6213
Web: www.wohl-lab.org

Final Report

Abbreviations:

mg = milligrams	ppm or ppmv = parts per million	/m3 = per cubic meter
ug = micrograms	ppb or ppbv = parts per billion	ng = nanograms

< Less Than. The analyte, if present, is at a level too low to be accurately quantitated by the method used

End of Analytical Report

The results in this report apply only to the samples, specifically listed above, and tested at the Wisconsin Occupational Health Laboratory

This report is not to be reproduced except in its entirety

1ZX1V0571541831858
Date: 08/28/18
Shipper: UPS
Initials: MAK
L454326
Prep: UNKNOWN

23793
R41

GALSON CHAIN OF CUSTODY

Turn Around Time (TAT):	(surcharge)
☒ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☐ Samples submitted using the FreePumpLoan™ Program
☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 34353
Original Prep No.: PSY492368
CS Rep: JWHITE
Online COC No.: 161269

Report To: Mr. Mark Noorani
Company Name: Orange Coast Analytical, Inc.
Address 1: 3002 Dow Avenue
Address 2: Suite 532
City, State Zip: Tustin, CA 92780
Phone No.: 714 - 832 - 0064
Cell No.:
Email reports to: markn@ocalab.com
Email EDD to: markn@ocalab.com
Comments:

Invoice To: Mr. Mark Noorani
Company Name: Orange Coast Analytical, Inc.
Address 1: 3002 Dow Avenue
Address 2: Suite 532
City, State Zip: Tustin, CA 92780
Phone No.: 714 - 832 - 0064
Email Address: markn@ocalab.com
Comments:
P.O. No.: 20409.016.002.0113.00
Payment info.: ☐ I will call SGS Galson to provide credit card info
☐ Card on File (enter the last five digits on the line below)

C-B1/B2 collected on 8/24 per client. BMC 9/13/18

Comments:
Samples Received in Light-Protective Material
* Also rec'd C-B1 & CB2 -KMD 8/27/18

State Sampled: CA

Please indicate which OEL(s) this data will be used for: ☐ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA ☐ IAQ: _____ (Specify Limit(s)) ☐ Other: _____ (Specify Other)

Site Name: Lincoln Heights Jail
Project:
Sampled By: Jon Colom
List description of industry or Process/interferences present in sampling area: N/A

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
MB 1A	8/23	Anasorb 747 Tubes/226-83	4.017 L 21 min	191.3 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
MB 1B	8/23	Anasorb 747 Tubes/226-83	4.017 L 21 min	191.3 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	Jonathan Colom	[signature]	8/24	1326	Received By:	[signature]	Jose Viveros	8/24/18	1329
Relinquished By:	[signature]	Jose Viveros	8/27	1318	Received By:	Shawn SC	[signature]	8/27/18	1318

Vu Nguyen [signature] 8/27/18 1600

You must fill in these columns for any samples which you are submitting.
Samples received after 3pm will be considered as next day's business.

Online COC No.: 161269
Prep No.: PSY492368
Account No.: 34353
Draft: 8/16/2018 3:56:36 PM

Michelle Krause [signature] 8/29/18 (832)

on ice @ 2.8°C

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

SGS North America Inc. | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Member of the SGS Group (SGS SA)

23793

SGS GALSON CHAIN OF CUSTODY

Samples Received in Light-Protective Material

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
MB - 2A	8/23	Anasorb 747 Tubes/226-83	3.946 L 21 min	187.90 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
MB - 2B	8/23	Anasorb 747 Tubes/226-83	3.946 L 21 min	187.90 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
MB - Blank	8/23	Anasorb 747 Tubes/226-83	0 L 0 min	0 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
[redacted]	[redacted]	Anasorb 747 Tubes/226-83			Methyl Bromide	mod. OSHA PV2040; GC/FID	
[redacted]	[redacted]	XAD-4 Tubes/226-93			Chloropicrin (WOHL)	OPV2103	
[redacted]	[redacted]	XAD-4 Tubes/226-93			Chloropicrin (WOHL)	OPV2103	
[redacted]	[redacted]	XAD-4 Tubes/226-93			Chloropicrin (WOHL)	OPV2103	
C-1A	8/23	XAD-4 Tubes/226-93	3.818 L 21 min	181.79 cc/min	Chloropicrin (WOHL)	OPV2103	
C-1B	8/23	XAD-4 Tubes/226-93	3.818 L 21 min	181.79 cc/min	Chloropicrin (WOHL)	OPV2103	
C-2A	8/24	XAD-4 Tubes/226-93	3.766 L 21 min	179.36 cc/min	Chloropicrin (WOHL)	OPV2103	
C-2B	8/24	"	3.766 L 21 min	179.36 cc/min	Chloropicrin (WOHL)	OPV2103	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By :	Jonathan Colomb	[signature]	8/24	1326	Received By :	Joe Nuvera	JOSE VIVEROS	8/24/18	13:29
Relinquished By :	Joe Nuvera	JOSE VIVEROS	8/27	1318	Received By :	Shaun SC	[signature]	8/27/18	1318

Vu Nguyen [signature] 8/27/18 1600

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Michelle Krause [signature] 8/28/18

Online COC No. : 161269
Prep No. : PSY492368
Account No. : 34353
Draft : 8/16/2018 3:56:36 PM

on ice @ 2.8 C

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx 0821

SGS North America Inc. | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Member of the SGS Group (SGS SA)

23793

SGS GALSON

CHAIN OF CUSTODY

Turn Around Time (TAT):	(surcharge)
☒ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☐ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 34353

Original Prep No.: PSY492368

CS Rep: JWHITE

Online COC No.: 161269

Report To : Mr. Mark Noorani
Company Name : Orange Coast Analytical, Inc.
Address 1 : 3002 Dow Avenue
Address 2 : Suite 532
City, State Zip : Tustin, CA 92780
Phone No. : 714 - 832 - 0064
Cell No. :
Email reports to : markn@ocalab.com
Email EDD to : markn@ocalab.com
Comments :

Invoice To : Mr. Mark Noorani
Company Name : Orange Coast Analytical, Inc.
Address 1 : 3002 Dow Avenue
Address 2 : Suite 532
City, State Zip : Tustin, CA 92780
Phone No. : 714 - 832 - 0064
Email Address : markn@ocalab.com
Comments :
P.O. No. : 20409.016.002-0113.01
Payment info. : ☐ I will call SGS Galson to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments :

State Sampled : CA

Please indicate which OEL(s) this data will be used for : ☐ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA ☐ IAQ : _____ (Specify Limit(s)) ☐ Other : _____ (Specify Other)

Site Name : Lincoln Heights Jail

Project :

Sampled By : Jon Colom

List description of industry or Process/interferences present in sampling area : N/A

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
MB 1A	8/23	Anasorb 747 Tubes/226-83	4.017 L 21 min	191.3 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
MB 1B	8/23	Anasorb 747 Tubes/226-83	4.017 L 21 min	191.3 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By :	Jonathan Colom	[signature]	8/24	1326	Received By :	[signature]	Jose Viveros	8/24/18	1329
Relinquished By :					Received By :				

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 161269
Prep No. : PSY492368
Account No. : 34353
Draft : 8/16/2018 3:56:36 PM

on ice @ 2.8°C

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

SGS North America Inc. | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Member of the SGS Group (SGS SA)

2379

SGS GALSON

CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
MB-2A	8/23	Anasorb 747 Tubes/226-83	3.946 L 21 min	187.90 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
MB-2B	8/23	Anasorb 747 Tubes/226-83	3.946 L 21 min	187.90 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
MB- Blank	8/23	Anasorb 747 Tubes/226-83	0 L 0 min	0 cc/min	Methyl Bromide	mod. OSHA PV2040; GC/FID	
>C ~~C-1A~~	~~8/23~~	Anasorb 747 Tubes/226-83			Methyl Bromide	mod. OSHA PV2040; GC/FID	
>C ~~C-1B~~	~~8/23~~	XAD-4 Tubes/226-93			Chloropicrin (WOHL)	OPV2103	
>C ~~C-2A~~	~~8/24~~	XAD-4 Tubes/226-93			Chloropicrin (WOHL)	OPV2103	
>C ~~C-2B~~	~~8/24~~	XAD-4 Tubes/226-93			Chloropicrin (WOHL)	OPV2103	
C-1A	8/23	XAD-4 Tubes/226-93	3.818 L 21 min	181.79 cc/min	Chloropicrin (WOHL)	OPV2103	
C-1B	8/23	XAD-4 Tubes/226-93	3.818 L 21 min	181.79 cc/min	Chloropicrin (WOHL)	OPV2103	
C-2A	8/24	XAD-4 Tubes/226-93	3.766 L 21 min	179.36 cc/min	Chloropicrin (WOHL)	OPV2103	
C-2B	8/24	"	3.766 L 21 min	179.36 cc/min	Chloropicrin (WOHL)	OPV2103	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By :	Jonathan Colomb	[signature]	8/24	1326	Received By :	[signature]	JOSE VIVEROS	8/24/18	13:29
Relinquished By :					Received By :				

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 161269
Prep No. : PSY492368
Account No. : 34353
Draft : 8/16/2018 3:56:36 PM

on ice @ 2-8°C

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

SGS North America Inc. | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Member of the SGS Group (SGS SA)

Sample Receipt Report

Laboratory Reference: **WST 23793**

Logged in by: MM

Received:	08/24/18 13:29	Company Name:	Weston Solutions, Inc.
Method of Shipment:	Lab Pick-Up	Project Manager:	Mr. Brian Milton
Shipping Container:	Cooler	Project Name:	Lincoln Heights Jail Site
# Shipping Containers:	1	Project #:	

Sample Quantity
9 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	2.8°C		
Shipping Intact	Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____

H&P Mobile Geochemistry Inc.

16 September 2018

Mr. Brian Milton
Weston Solutions, Inc-Concord
2300 Clayton Road, Ste 900
Concord, CA 94520

H&P Project: WSI082918-A1
Client Project: PO# 0097849/ 401 N. Avenue 19

Dear Mr. Brian Milton:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 29-Aug-18 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis La Roux
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC). H&P is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-03-5	E808097-01	Vapor	29-Aug-18	29-Aug-18
SB-02-5	E808097-02	Vapor	29-Aug-18	29-Aug-18
SB-01-5	E808097-03	Vapor	29-Aug-18	29-Aug-18
SB-04-5	E808097-04	Vapor	29-Aug-18	29-Aug-18
SB-04-5 REP	E808097-05	Vapor	29-Aug-18	29-Aug-18
SB-05-2.9	E808097-06	Vapor	29-Aug-18	29-Aug-18
SB-06-5	E808097-07	Vapor	29-Aug-18	29-Aug-18

The percent recovery for Tetrachloroethene (PCE) fell above the method criteria in the SIM continuing calibration verification on 8/29/18. Samples SB-03-5, SB-01-5 and SB-04-5 were reanalyzed for PCE by SIM on 9/4/18 to confirm the results (samples were collected in summa canisters on 8/29/18 for confimation analysis); PCE results for these samples from 9/4/18 have been reported. Please note that any SCAN PCE resultswere not affected.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-03-5 (E808097-01) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1-Difluoroethane (LCC)	ND		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	10	50	"	"	"	"	"	"	
Chloromethane	ND	13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	29	71	"	"	"	"	"	"	
Vinyl chloride	ND		0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND	28	39	"	"	"	"	"	"	
Chloroethane	ND	21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	17	56	"	"	"	"	"	"	
1,1-Dichloroethene	**16**	8.0	20	"	"	"	"	"	"	J
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	16	35	"	"	"	"	"	"	
Carbon disulfide	**15**	13	32	"	"	"	"	"	"	J
trans-1,2-Dichloroethene	ND	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	**81**	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	16	40	"	"	"	"	"	"	
Chloroform	**2.5**		1.0	"	"	"	"	"	"	SIM-01
1,1,1-Trichloroethane	**4800**	14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	16	21	"	"	"	"	"	"	
Benzene	ND		1.3	"	"	"	"	"	"	SIM-02
Carbon tetrachloride	ND	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND		1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND	19	47	"	"	"	"	"	"	
Bromodichloromethane	ND	27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
Toluene	ND	19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	26	86	"	"	"	"	"	"	
Tetrachloroethene	**25**		1.4	"	"	"	"	04-Sep-18	"	SIM-01, A
1,2-Dibromoethane (EDB)	ND	16	39	"	"	"	"	29-Aug-18	"	
1,1,1,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	23	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-03-5 (E808097-01) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
Ethylbenzene	ND	8.8	22	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
m,p-Xylene	ND	22	44	"	"	"	"	"	"	
Styrene	ND	17	43	"	"	"	"	"	"	
o-Xylene	ND	8.8	22	"	"	"	"	"	"	
Bromoform	ND	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*116 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8			*99.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.5 %*	*56-127*		"	"	"	"	
SB-02-5 (E808097-02) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1-Difluoroethane (LCC)	ND		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	10	50	"	"	"	"	"	"	
Chloromethane	ND	13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	29	71	"	"	"	"	"	"	
Vinyl chloride	ND		0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND	28	39	"	"	"	"	"	"	
Chloroethane	ND	21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	16	35	"	"	"	"	"	"	
Carbon disulfide	**49**	13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	16	40	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	SIM-02

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-02-5 (E808097-02) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1,1-Trichloroethane	**25**	14	28	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	J
1,2-Dichloroethane (EDC)	ND	16	21	"	"	"	"	"	"	
Benzene	**3.5**		1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND		1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND	19	47	"	"	"	"	"	"	
Bromodichloromethane	ND	27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
Toluene	**20**	19	38	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	26	86	"	"	"	"	"	"	
Tetrachloroethene	**78**		1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND	8.8	22	"	"	"	"	"	"	
m,p-Xylene	**27**	22	44	"	"	"	"	"	"	J
Styrene	ND	17	43	"	"	"	"	"	"	
o-Xylene	**10**	8.8	22	"	"	"	"	"	"	J
Bromoform	ND	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*103 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8			*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.0 %*	*56-127*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-01-5 (E808097-03) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1-Difluoroethane (LCC)	ND		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	10	50	"	"	"	"	"	"	
Chloromethane	ND	13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	29	71	"	"	"	"	"	"	
Vinyl chloride	ND		0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND	28	39	"	"	"	"	"	"	
Chloroethane	ND	21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	16	35	"	"	"	"	"	"	
Carbon disulfide	**21**	13	32	"	"	"	"	"	"	J
trans-1,2-Dichloroethene	ND	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	16	40	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND	14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	16	21	"	"	"	"	"	"	
Benzene	**1.5**		1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND		1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND	19	47	"	"	"	"	"	"	
Bromodichloromethane	ND	27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
Toluene	ND	19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	26	86	"	"	"	"	"	"	
Tetrachloroethene	**130**		1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND	8.8	22	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-01-5 (E808097-03) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
m,p-Xylene	ND	22	44	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Styrene	ND	17	43	"	"	"	"	"	"	
o-Xylene	ND	8.8	22	"	"	"	"	"	"	
Bromoform	ND	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*110 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8			*96.1 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.4 %*	*56-127*		"	"	"	"	
SB-04-5 (E808097-04) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1-Difluoroethane (LCC)	ND		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	10	50	"	"	"	"	"	"	
Chloromethane	**21**	13	21	"	"	"	"	"	"	J
Dichlorotetrafluoroethane (F114)	ND	29	71	"	"	"	"	"	"	
Vinyl chloride	ND		0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND	28	39	"	"	"	"	"	"	
Chloroethane	ND	21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	16	35	"	"	"	"	"	"	
Carbon disulfide	ND	13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	16	40	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND	14	28	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-04-5 (E808097-04) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,2-Dichloroethane (EDC)	ND	16	21	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Benzene	ND		1.3	"	"	"	"	"	"	SIM-02
Carbon tetrachloride	ND	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND		1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND	19	47	"	"	"	"	"	"	
Bromodichloromethane	ND	27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
Toluene	ND	19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	26	86	"	"	"	"	"	"	
Tetrachloroethene	**48**		1.4	"	"	"	"	04-Sep-18	"	SIM-01, A
1,2-Dibromoethane (EDB)	ND	16	39	"	"	"	"	29-Aug-18	"	
1,1,1,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND	8.8	22	"	"	"	"	"	"	
m,p-Xylene	ND	22	44	"	"	"	"	"	"	
Styrene	ND	17	43	"	"	"	"	"	"	
o-Xylene	ND	8.8	22	"	"	"	"	"	"	
Bromoform	ND	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*108 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8			*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.4 %*	*56-127*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-04-5 REP (E808097-05) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1-Difluoroethane (LCC)	ND		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	10	50	"	"	"	"	"	"	
Chloromethane	ND	13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	29	71	"	"	"	"	"	"	
Vinyl chloride	ND		0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND	28	39	"	"	"	"	"	"	
Chloroethane	ND	21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	16	35	"	"	"	"	"	"	
Carbon disulfide	ND	13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	16	40	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND	14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	16	21	"	"	"	"	"	"	
Benzene	ND		1.3	"	"	"	"	"	"	SIM-02
Carbon tetrachloride	ND	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND		1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND	19	47	"	"	"	"	"	"	
Bromodichloromethane	ND	27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
Toluene	ND	19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	26	86	"	"	"	"	"	"	
Tetrachloroethene	**23**		1.4	"	"	"	"	04-Sep-18	"	A, SIM-01
1,2-Dibromoethane (EDB)	ND	16	39	"	"	"	"	29-Aug-18	"	
1,1,1,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	23	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-04-5 REP (E808097-05) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
Ethylbenzene	ND	8.8	22	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
m,p-Xylene	ND	22	44	"	"	"	"	"	"	
Styrene	ND	17	43	"	"	"	"	"	"	
o-Xylene	ND	8.8	22	"	"	"	"	"	"	
Bromoform	ND	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*103 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8			*99.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*93.5 %*	*56-127*		"	"	"	"	
SB-05-2.9 (E808097-06) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1-Difluoroethane (LCC)	ND		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	10	50	"	"	"	"	"	"	
Chloromethane	**51**	13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	29	71	"	"	"	"	"	"	
Vinyl chloride	ND		0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND	28	39	"	"	"	"	"	"	
Chloroethane	ND	21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	16	35	"	"	"	"	"	"	
Carbon disulfide	**20**	13	32	"	"	"	"	"	"	J
trans-1,2-Dichloroethene	ND	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	**89**	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	16	40	"	"	"	"	"	"	
Chloroform	**2.1**		1.0	"	"	"	"	"	"	SIM-01

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-05-2.9 (E808097-06) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1,1-Trichloroethane	ND	14	28	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
1,2-Dichloroethane (EDC)	ND	16	21	"	"	"	"	"	"	
Benzene	**10**		1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND		1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND	19	47	"	"	"	"	"	"	
Bromodichloromethane	ND	27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
Toluene	**23**	19	38	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	26	86	"	"	"	"	"	"	
Tetrachloroethene	**70**		1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND	8.8	22	"	"	"	"	"	"	
m,p-Xylene	ND	22	44	"	"	"	"	"	"	
Styrene	ND	17	43	"	"	"	"	"	"	
o-Xylene	ND	8.8	22	"	"	"	"	"	"	
Bromoform	ND	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*100 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8			*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*89.9 %*	*56-127*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (E808097-07) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
1,1-Difluoroethane (LCC)	ND		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	10	50	"	"	"	"	"	"	
Chloromethane	**20**	13	21	"	"	"	"	"	"	J
Dichlorotetrafluoroethane (F114)	ND	29	71	"	"	"	"	"	"	
Vinyl chloride	ND		0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND	28	39	"	"	"	"	"	"	
Chloroethane	ND	21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	**62**	39	77	"	"	"	"	"	"	J
Methylene chloride (Dichloromethane)	ND	16	35	"	"	"	"	"	"	
Carbon disulfide	ND	13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	16	40	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND	14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	16	21	"	"	"	"	"	"	
Benzene	**1.4**		1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND		1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND	19	47	"	"	"	"	"	"	
Bromodichloromethane	ND	27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	18	46	"	"	"	"	"	"	
Toluene	ND	19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	26	86	"	"	"	"	"	"	
Tetrachloroethene	**90**		1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND	8.8	22	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (E808097-07) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										**J- Report**
m,p-Xylene	ND	22	44	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Styrene	ND	17	43	"	"	"	"	"	"	
o-Xylene	ND	8.8	22	"	"	"	"	"	"	
Bromoform	ND	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			*105 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8			*101 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*92.1 %*	*56-127*		"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Petroleum Hydrocarbon Analysis by H&P TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-03-5 (E808097-01) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										
TPHv (C5 - C12)	**43000**		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-02-5 (E808097-02) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										
TPHv (C5 - C12)	ND		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-01-5 (E808097-03) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										
TPHv (C5 - C12)	ND		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-04-5 (E808097-04) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										
TPHv (C5 - C12)	**600**		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-04-5 REP (E808097-05) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										
TPHv (C5 - C12)	ND		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-05-2.9 (E808097-06) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										
TPHv (C5 - C12)	**1900**		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-06-5 (E808097-07) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18										
TPHv (C5 - C12)	ND		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH82902 - TO-15										
Blank (EH82902-BLK1)				Prepared & Analyzed: 29-Aug-18						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Dichlorotetrafluoroethane (F114)	ND	71	"							
Vinyl chloride	ND	0.8	"							SIM-02
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
Carbon disulfide	ND	32	"							
trans-1,2-Dichloroethene	ND	40	"							
1,1-Dichloroethane	ND	41	"							
2-Butanone (MEK)	ND	60	"							
cis-1,2-Dichloroethene	ND	40	"							
Chloroform	ND	1.0	"							SIM-02
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	1.3	"							SIM-02
Carbon tetrachloride	ND	13	"							
Trichloroethene	ND	1.6	"							SIM-02
1,2-Dichloropropane	ND	47	"							
Bromodichloromethane	ND	68	"							
cis-1,3-Dichloropropene	ND	46	"							
4-Methyl-2-pentanone (MIBK)	ND	41	"							
trans-1,3-Dichloropropene	ND	46	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
2-Hexanone (MBK)	ND	41	"							
Dibromochloromethane	ND	86	"							
Tetrachloroethene	ND	1.4	"							SIM-02
1,2-Dibromoethane (EDB)	ND	39	"							
1,1,1,2-Tetrachloroethane	ND	70	"							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH82902 - TO-15										
Blank (EH82902-BLK1)				Prepared & Analyzed: 29-Aug-18						
Chlorobenzene	ND	23	ug/m3							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
Styrene	ND	43	"							
o-Xylene	ND	22	"							
Bromoform	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
4-Ethyltoluene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,3-Dichlorobenzene	ND	61	"							
1,4-Dichlorobenzene	ND	61	"							
1,2-Dichlorobenzene	ND	61	"							
1,2,4-Trichlorobenzene	ND	75	"							
Hexachlorobutadiene	ND	110	"							
Surrogate: 1,2-Dichloroethane-d4	*888*		*"*	*886*		*100*	*67-141*			
Surrogate: Toluene-d8	*798*		*"*	*864*		*92.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1330*		*"*	*1540*		*86.4*	*56-127*			
LCS (EH82902-BS1)				Prepared & Analyzed: 29-Aug-18						
Dichlorodifluoromethane (F12)	290	50	ug/m3	250		116	65-135			
Vinyl chloride	120	0.8	"	130		94.7	65-135			
Chloroethane	150	27	"	134		108	65-135			
Trichlorofluoromethane (F11)	340	56	"	283		121	65-135			
1,1-Dichloroethene	170	20	"	202		83.8	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	370	77	"	387		94.8	65-135			
Methylene chloride (Dichloromethane)	150	35	"	177		85.1	65-135			
trans-1,2-Dichloroethene	180	40	"	202		87.2	65-135			
1,1-Dichloroethane	170	41	"	206		81.6	65-135			
cis-1,2-Dichloroethene	180	40	"	202		91.3	65-135			
Chloroform	230	1.0	"	247		93.3	65-135			
1,1,1-Trichloroethane	320	28	"	276		116	65-135			
1,2-Dichloroethane (EDC)	200	21	"	206		96.5	65-135			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH82902 - TO-15										
LCS (EH82902-BS1)				Prepared & Analyzed: 29-Aug-18						
Benzene	130	1.3	ug/m3	162		78.1	65-135			
Carbon tetrachloride	350	13	"	320		108	65-135			
Trichloroethene	230	1.6	"	272		84.2	65-135			
Toluene	170	38	"	191		89.8	65-135			
1,1,2-Trichloroethane	250	55	"	276		90.8	65-135			
Tetrachloroethene	300	1.4	"	345		86.0	65-135			
1,1,1,2-Tetrachloroethane	320	70	"	349		90.8	65-135			
Ethylbenzene	170	22	"	220		76.7	65-135			
m,p-Xylene	370	44	"	440		83.9	65-135			
o-Xylene	180	22	"	220		82.0	65-135			
1,1,2,2-Tetrachloroethane	280	70	"	349		78.9	65-135			
Surrogate: 1,2-Dichloroethane-d4	*957*		*"*	*886*		*108*	*67-141*			
Surrogate: Toluene-d8	*808*		*"*	*864*		*93.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1220*		*"*	*1540*		*79.2*	*56-127*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Petroleum Hydrocarbon Analysis by H&P TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH82902 - TO-15										
Blank (EH82902-BLK1)				Prepared & Analyzed: 29-Aug-18						
TPHv (C5 - C12)	ND	500	ug/m3							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project:	WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number:	PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager:	Mr. Brian Milton	16-Sep-18 21:49

Notes and Definitions

SIM-03	Value determined by SCAN mode; SIM reporting limit listed.
SIM-02	SIM analysis used to achieve lower detection limits.
SIM-02	SIM analysis used to achieve lower detection limits.
SIM-01	Value determined by SIM analysis.
J- Report	This sample is reported to the MDL or LOD determined for this method. All confirmed hits above the listed MDL or LOD value and below the RL/LOQ, will be flagged with a "J" result. If an MDL or LOD is not listed, the analyte is ND at the RL.
J	Detected but below the RL/LOQ; therefore, result is an estimated concentration.
A	The calibration check fell above the method criteria for Tetrachloroethene (PCE) in the SIM CCV on 8/29/18. Sample was reanalyzed for PCE in the SIM range on 9/4/18; this result is repoted.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

All soil results are reported in wet weight.

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 8/29/18
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Weston Solutions INC	Project Name / #: PO # 0097849
Lab Client Project Manager: Brian Milton	Project Location: 401 North Ave 19, Los Angeles, CA
Lab Client Address: 2300 Clayton Rd, Ste 900	Report E-Mail(s): Brian.Milton@WestonSolutions.com Ben.Castelland
Lab Client City, State, Zip: Concord, CA 94520	
Phone Number: 925-948-2613	

Sample Receipt (Lab Use Only)

Date Rec'd: 8/29/18	Control #: 180754.00
H&P Project # WS1082918-A1	
Lab Work Order # E808097	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
	Lab PM Initials:

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☒ Other EDD: EPA Scribe
☐ CA Geotracker Global ID:

Turnaround Time

☐ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☒ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): J. Reksc
Signature:
Date: 8/29/2018

Additional Instructions to Laboratory: Vinyl Chloride, Chloroform, Benzene, TCE, PCE by SIM LSE 9/4/18

** Preferred VOC units (please choose one):*
☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☒ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SV/m ☒ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SV/m ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
SB-03-5		8/29/18	0822	SV	Glass Syringe			X				X		X					
SB-02-5		8/29/18	0854	SV				X				X		X					
SB-01-5		8/29/18	0919	SV				X				X		X					
SB-04-5		8/29/18	1017	SV				X				X		X					
SB-04-5 Rep		8/29/18	1107	SV				X				X		X					
SB-05-2.9		8/29/18	1138	SV				X				X		X					
SB-06-5		8/29/18	1232	SV				X				X		X					

Approved/Relinquished by:	Company: WESTON	Date: 8/29/18	Time: 1348	Received by:	Company: H&P	Date: 8/29/18	Time: 1312
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 8/29/18
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Weston Solutions	Project Name / #: 0097849
Lab Client Project Manager: Brian Milton	Project Location: 401 North Avenue 19
Lab Client Address: 2300 Clayton Rd. Suite 900	Report E-Mail(s): Brian.milton@westonsolutions.com ben.castellana
Lab Client City, State, Zip: Concord, CA 94520	
Phone Number:	

Sample Receipt (Lab Use Only)

Date Rec'd: 8/31/18	Control #: 1807
H&P Project #: WS1083118-11	
Lab Work Order #	
Sample Intact: ☑ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 71103000J	Temp: 22
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials: WX	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD: EPA Scribe EDD
☐ CA Geotracker Global ID:

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): J. Reksc
Signature:
Date: 8/29/18

Additional Instructions to Laboratory:

Tedlars to confirm PCE SIM results LSE 9/4/18

☐ Check if Project Analyte List is Attached

** Preferred VOC units (please choose one):*

☐ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☒ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☒ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
SB-02-5	NA	08/29/18	0941	SV	200mL	522	-1.08	X				X								
~~SB-03-5~~			~~0947~~			~~513~~	~~-1.06~~	~~X~~				~~X~~								
~~SB-01-5~~			~~0953~~			~~529~~	~~-1.23~~	~~X~~				~~X~~								
SB-04-5			1242			512	-1.31	X				X								
SB-04-5 REP			1244			514	-1.30	X				X								
~~SB-05-2.9~~			~~1253~~			~~520~~	~~-2.01~~	~~X~~				~~X~~								
~~SB-06-5~~			~~1301~~			~~532~~	~~-1.47~~	~~X~~				~~X~~								

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	WESTON	8/29/2018	1340	[signature]	H&P	8/29/18	1315
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: WSI082918-A1 | Date: 8/29/2018

Site Address: 401 North Avenue 19. Los Angeles, CA. | Page: 1 of 1

Consultant: WESTON SOLUTIONS | H&P Rep(s): M. Montemayor | Reviewed: DB

Consultant Rep(s): *Ben Castellana* | J. Reksc | Scanned: J Torres

Equipment Info
Inline Gauge ID#: T27
Pump ID#: 009

Purge Volume Information
PV Amount: 3PV PV Includes: ☒ Tubing ☒ Sand 40% ☒ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

Resample Key:
RS = Resample
RD = for Dilution
RL = lor LCC fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☒ H_2O
1	SB-03-5	261	50cc	0822	5	7	1/4"	12"	2.25"	6"	2.25"	✓	✓	1626	200	08:08	<200	0
2	SB-02-5	199	50	0854	5	7	1/4	12	2.25	6	2.25	✓	✓	1626	200	08:08	<200	0
3	SB-01-5	281	50	0919	5	7	1/4	12	2.25	6	2.25	✓	✓	1626	200	0808	<200	0
4	SB-04-5	241	50	1017	5	7	1/4	12	2.25	6	2.25	✓	✓	1626	200	08:08	<200	0
5	SB-05-2.9	181	50	1138	2.9	4.9	1/4	12	5.25	6	5.25	✓	✓	8372	200	41:52	<200	0
6	SB-04-5 REP	281	50	1107	5	7	1/4	12	2.25	6	2.25	✓	✓	1626	200	—	<200	0
7	SB-06-5	241	50	1232	5	7	1/4	12	2.25	6	2.25	✓	✓	1626	200	08:08	<200	0
8																		
9																		
10																		
11																		
12																		

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
*(5) SB-05-2.9 probe specs. according to Ben

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Summa

H&P Project #: WSI 082918 - AI / Tech
Date: 8/29/18
Site Address: 401 North Avenue 19 Los Angeles, CA
Page: 1 of 1
Consultant: Weston Solutions
H&P Rep(s): J. Reksc
Reviewed: DB
Consultant Rep(s): Ben Castellana
Scanned: T Torres

Equipment Info
Inline Gauge ID#: T32
Pump ID#: Ø

Purge Volume Information
PV Amount: 3PV
PV Includes: ☒ Tubing ☒ Sand 40% ☒ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☒ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

	Sample and Summa Information							Probe Specs							Purge & Collection Information						
	Point ID	Summa ID #	Sample Kit ID #	Start Time	Initial Vac (" Hg)	End / Sample Time	End Vac (" Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☒ Hg ☐ H_2O
1	SB-02-5	522	052	0940	28.5	0941	0	5	7	4	12	2.25	6	2.25	✓	✓	1676	200	—	200	0
2	SB-03-5	513	132	0945	30	0947	0	↓	↓	↓	↓	↓	↓	↓	✓	✓	1710	200	—	200	0
3	SB-01-5	529	089	0952	30	0953	0	↓	↓	↓	↓	↓	↓	↓	✓	✓	1676	200	—	200	0
4	SB-04-5	512	049	1241	29.5	1242	0	↓	↓	↓	↓	↓	↓	↓	✓	✓	1760	200	—	200	0
5	SB-04-5 REP	514	049	1243	29.5	1244	0	↓	↓	↓	↓	↓	↓	↓	✓	✓	1960	200	—	200	0
6	SB-05-2.9	520	047	1252	30+	1252	0	2.9	4.9	↓	↓	↓	↓	↓	✓	✓	8422	200	—	200	0
7	SB-06-5	532	093	1308	30+	1301	0	5	7	↓	↓	↓	↓	↓	✓	✓	1676	200	—	200	0
8																					
9																					
10																					
11																					
12																					

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

LINCOLN HEIGHTS JAIL SITE
DATA VALIDATION REPORT

Date: October 3, 2018
Laboratory: Airtechnology Laboratories, Inc., City of Industry, CA
Laboratory Job Number: J082704 **(**WST 23794)
Data Validation Performed By: Kelly Luck, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)
Weston Work Order #: 20409.012.006.0113.00

This data validation report has been prepared by WESTON START under the START IV U.S. Environmental Protection Agency (EPA) Region 9 contract. This report documents the data validation for 8 air samples collected for the Lincoln Heights Jail Site that were analyzed for the following parameters and EPA method:

- Volatile Organic Compounds (VOCs) by EPA Method TO-15

A level II data package was received from Airtechnology Laboratories, Inc., City of Industry, CA (subcontractor to Orange Coast Analytical, Inc., Tustin, CA). The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated January 2017. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs by EPA METHOD TO-15

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
SC-01	J082704-01	Air	8/22/2018	9/5/2018
SC-02	J082704-02	Air	8/22/2018	9/5/2018
SC-03	J082704-03	Air	8/22/2018	9/5/2018
SUS-01	J082704-04	Air	8/23/2018	9/5/2018
SUS-02	J082704-05	Air	8/23/2018	9/6/2018
SUS-03	J082704-06	Air	8/23/2018	9/6/2018
SUS-04	J082704-07	Air	8/23/2018	9/5/2018
SUS-05	J082704-08	Air	8/23/2018	9/5/2018

1. <u>Data Verification Check</u>

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the EPA TO-15 analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection.

3. Blanks

Method blanks were analyzed with the VOC sample group and were free of target compound contamination above the reporting limits (RLs), with the exception of benzene and tetrachloroethene in the method blank associated with the laboratory control sample analyses. Benzene and tetrachloroethene were found at levels much less than the RLs (RLs of 0.050 and 0.068 ppbv, respectively), at 0.0059 ppbv for benzene and 0.0005 ppbv for tetrachloroethene. No qualification of data is necessary.

4. Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) Results

Two LCS/LCSD pairs were analyzed with the sample set. The recoveries and relative percent differences (RPDs) were within laboratory-established QC limits.

5. Field Duplicate Results

The sample set included one field duplicate pair: SC-01 and SC-03. The RPDs were within QC limits (≤50%) for all detected analytes.

6. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as not detected (ND).

Air Technology Laboratories flagged sample results with the following laboratory qualifier:

d: Indicates that the analyte was reported from secondary dilution. These qualifiers were removed by the data validator.

The VOC data are acceptable for use based on the information received.

ATTACHMENT

AIRTECHNOLOGY LABORATORIES
RESULTS SUMMARY WITH QUALIFIERS

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	J082704-01		J082704-02		J082704-03		J082704-04	
Client Sample I.D.:	SC-01		SC-02		SC-03		SUS-01	
Date/Time Sampled:	8/22/18 12:15		8/22/18 12:46		8/22/18 12:15		8/23/18 9:02	
Date/Time Analyzed:	9/5/18 15:48		9/5/18 16:32		9/5/18 17:17		9/5/18 18:04	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3
Dichlorodifluoromethane (12)	2.1	0.049	2.2	0.049	2.2	0.049	2.1	0.049
Chloromethane	1.2	0.021	1.4	0.021	1.2	0.021	2.6	0.021
Vinyl Chloride	ND U	0.013	ND U	0.013	ND U	0.013	ND U	0.013
Bromomethane	ND U	0.19	ND U	0.19	ND U	0.19	0.44	0.19
Chloroethane	ND U	0.026	ND U	0.026	ND U	0.026	ND U	0.026
Trichlorofluoromethane (11)	1.2	0.11	1.3	0.11	1.3	0.11	1.2	0.11
1,1,2-Cl 1,2,2-F ethane (113)	0.50	0.15	0.55	0.15	0.52	0.15	0.67	0.15
1,1-Dichloroethene	ND U	0.020	ND U	0.020	ND U	0.020	ND U	0.020
Methylene Chloride	3.6	0.17	4.8	0.17	3.7	0.17	24	0.17
t-1,2-Dichloroethene	ND U	0.040	ND U	0.040	ND U	0.040	ND U	0.040
1,1-Dichloroethane	ND U	0.040	ND U	0.040	ND U	0.040	0.066	0.040
c-1,2-Dichloroethene	ND U	0.040	ND U	0.040	ND U	0.040	ND U	0.040
Chloroform	0.14	0.049	0.15	0.049	0.13	0.049	0.49	0.049
1,1,1-Trichloroethane	ND U	0.055	ND U	0.055	ND U	0.055	3.8	0.055
Carbon Tetrachloride	0.51	0.063	0.52	0.063	0.54	0.063	0.57	0.063
Benzene	0.71	0.16	0.71	0.16	0.75	0.16	3	0.16
1,2-Dichloroethane	0.052	0.040	0.054	0.040	0.050	0.040	0.073	0.040
Trichloroethene	ND U	0.054	ND U	0.054	ND U	0.054	0.21	0.054
1,2-Dichloropropane	ND U	0.092	ND U	0.092	ND U	0.092	ND U	0.092
Bromodichloromethane	ND U	0.067	ND U	0.067	ND U	0.067	ND U	0.067
Toluene	1.5	0.075	1.3	0.075	1.4	0.075	89	0.075
t-1,3-Dichloropropene	ND U	0.045	ND U	0.045	ND U	0.045	ND U	0.045
1,1,2-Trichloroethane	ND U	0.055	ND U	0.055	ND U	0.055	ND U	0.055
Tetrachloroethene	0.086	0.068	0.076	0.068	0.083	0.068	0.54	0.068
1,2-Dibromoethane	ND U	0.15	ND U	0.15	ND U	0.15	ND U	0.15
Ethylbenzene	0.36	0.087	0.26	0.087	0.34	0.087	5.7	0.087
p.&m-Xylene	1.2	0.087	0.74	0.087	1.2	0.087	22	0.087
o-Xylene	0.60	0.087	0.39	0.087	0.62	0.087	5.9	0.087
Styrene	0.12	0.085	0.25	0.085	0.14	0.085	1.2	0.085
1,1,2,2-Tetrachloroethane	ND U	0.14	ND U	0.14	ND U	0.14	ND U	0.14

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution.

KAL 10/3/18

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

The cover letter is an integral part of this analytical report

J082704 SIM.xlsx

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	J082704-05		J082704-06		J082704-07		J082704-08	
Client Sample I.D.:	SUS-02		SUS-03		SUS-04		SUS-05	
Date/Time Sampled:	8/23/18 9:16		8/23/18 14:05		8/23/18 14:08		8/23/18 14:05	
Date/Time Analyzed:	9/6/18 9:23		9/6/18 10:03		9/5/18 20:19		9/5/18 21:05	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	4.0		10		1.0		1.0	
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3
Dichlorodifluoromethane (12)	2.2	0.20	2.3	0.49	2.4	0.049	2.3	0.049
Chloromethane	0.78	0.083	0.60	0.21	9.7	0.021	0.50	0.021
Vinyl Chloride	ND u	0.051	ND u	0.13	ND u	0.013	ND u	0.013
Bromomethane	ND u	0.78	ND u	1.9	0.31	0.19	0.24	0.19
Chloroethane	ND u	0.11	ND u	0.26	0.081	0.026	ND u	0.026
Trichlorofluoromethane (11)	1.7	0.45	1.3	1.1	1.1	0.11	1.1	0.11
1,1,2-Cl 1,2,2-F ethane (113)	ND u	0.61	ND u	1.5	0.56	0.15	0.46	0.15
1,1-Dichloroethene	0.85	0.079	ND	0.20	ND u	0.020	0.024	0.020
Methylene Chloride	1.4	0.69	ND	1.7	1.1	0.17	0.25	0.17
t-1,2-Dichloroethene	0.86	0.16	ND	0.40	ND u	0.040	ND u	0.040
1,1-Dichloroethane	ND u	0.16	ND	0.40	0.065	0.040	ND u	0.040
c-1,2-Dichloroethene	ND u	0.16	ND	0.40	ND u	0.040	ND u	0.040
Chloroform	0.43	0.20	ND	0.49	0.35	0.049	0.34	0.049
1,1,1-Trichloroethane	370 d	1.8	0.67	0.55	0.11	0.055	0.51	0.055
Carbon Tetrachloride	0.85	0.25	3.7	0.63	0.48	0.063	4.0	0.063
Benzene	2.5	0.64	1.7	1.6	3.8	0.16	1.6	0.16
1,2-Dichloroethane	ND u	0.16	ND u	0.40	0.070	0.040	ND u	0.040
Trichloroethene	ND u	0.21	ND	0.54	ND u	0.054	ND	0.054
1,2-Dichloropropane	ND u	0.37	ND	0.92	ND u	0.092	ND	0.092
Bromodichloromethane	ND u	0.27	ND	0.67	ND u	0.067	ND	0.067
Toluene	94	0.30	45	0.75	86 d	1.6	45 d	1.6
t-1,3-Dichloropropene	ND u	0.18	ND u	0.45	0.30	0.045	0.59	0.045
1,1,2-Trichloroethane	ND u	0.22	ND u	0.55	ND u	0.055	ND u	0.055
Tetrachloroethene	14	0.27	4.3	0.68	16	0.068	3.6	0.068
1,2-Dibromoethane	ND u	0.61	ND u	1.5	ND u	0.15	ND u	0.15
Ethylbenzene	14	0.35	5.9	0.87	19	0.087	5.2	0.087
p,&m-Xylene	44	0.35	19	0.87	43	0.087	18	0.087
o-Xylene	16	0.35	5.6	0.87	18	0.087	5.6	0.087
Styrene	1.4	0.34	ND u	0.85	1.6	0.085	0.95	0.085
1,1,2,2-Tetrachloroethane	ND u	0.55	ND u	1.4	ND u	0.14	ND u	0.14

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution via TO-15 Scan. Batch ID: 180907MS2A1

KAL 10/3/18

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ppbv

EPA Method TO15 SIM

Lab No.:	J082704-01		J082704-02		J082704-03		J082704-04	
Client Sample I.D.:	SC-01		SC-02		SC-03		SUS-01	
Date/Time Sampled:	8/22/18 12:15		8/22/18 12:46		8/22/18 12:15		8/23/18 9:02	
Date/Time Analyzed:	9/5/18 15:48		9/5/18 16:32		9/5/18 17:17		9/5/18 18:04	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	0.43	0.010	0.44	0.010	0.45	0.010	0.42	0.010
Chloromethane	0.57	0.010	0.68	0.010	0.59	0.010	1.3	0.010
Vinyl Chloride	ND U	0.0050	ND U	0.0050	ND U	0.0050	ND U	0.0050
Bromomethane	ND U	0.050	ND U	0.050	ND U	0.050	0.11	0.050
Chloroethane	ND U	0.010	ND U	0.010	ND U	0.010	ND U	0.010
Trichlorofluoromethane (11)	0.22	0.020	0.22	0.020	0.23	0.020	0.22	0.020
1,1,2-Cl 1,2,2-F ethane (113)	0.065	0.020	0.072	0.020	0.067	0.020	0.087	0.020
1,1-Dichloroethene	ND U	0.0050	ND U	0.0050	ND U	0.0050	ND U	0.0050
Methylene Chloride	1.0	0.050	1.4	0.050	1.1	0.050	7.0	0.050
t-1,2-Dichloroethene	ND U	0.010	ND U	0.010	ND U	0.010	ND U	0.010
1,1-Dichloroethane	ND U	0.010	ND U	0.010	ND U	0.010	0.016	0.010
c-1,2-Dichloroethene	ND U	0.010	ND U	0.010	ND U	0.010	ND U	0.010
Chloroform	0.028	0.010	0.031	0.010	0.028	0.010	0.099	0.010
1,1,1-Trichloroethane	ND U	0.010	ND U	0.010	ND U	0.010	0.70	0.010
Carbon Tetrachloride	0.082	0.010	0.083	0.010	0.086	0.010	0.091	0.010
Benzene	0.22	0.050	0.22	0.050	0.23	0.050	1.0	0.050
1,2-Dichloroethane	0.013	0.010	0.013	0.010	0.012	0.010	0.018	0.010
Trichloroethene	ND U	0.010	ND U	0.010	ND U	0.010	0.038	0.010
1,2-Dichloropropane	ND U	0.020	ND U	0.020	ND U	0.020	ND U	0.020
Bromodichloromethane	ND U	0.010	ND U	0.010	ND U	0.010	ND U	0.010
Toluene	0.40	0.020	0.34	0.020	0.37	0.020	24	0.020
t-1,3-Dichloropropene	ND U	0.010	ND U	0.010	ND U	0.010	ND U	0.010
1,1,2-Trichloroethane	ND U	0.010	ND U	0.010	ND U	0.010	ND U	0.010
Tetrachloroethene	0.013	0.010	0.011	0.010	0.012	0.010	0.079	0.010
1,2-Dibromoethane	ND U	0.020	ND U	0.020	ND U	0.020	ND U	0.020
Ethylbenzene	0.084	0.020	0.059	0.020	0.078	0.020	1.3	0.020
p,&m-Xylene	0.27	0.020	0.17	0.020	0.27	0.020	5.0	0.020
o-Xylene	0.14	0.020	0.090	0.020	0.14	0.020	1.4	0.020
Styrene	0.028	0.020	0.060	0.020	0.034	0.020	0.28	0.020
1,1,2,2-Tetrachloroethane	ND U	0.020	ND U	0.020	ND U	0.020	ND U	0.020

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution.

KAL 10/3/18

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

Client: Orange Coast Analytical
Attn: Mark Noorani
Project Name: Lincoln Heights Jail
Project No.: NA
Date Received: 08/27/18
Matrix: Air
Reporting Units: ppbv

EPA Method TO15 SIM

Lab No.:	J082704-05		J082704-06		J082704-07		J082704-08	
Client Sample I.D.:	SUS-02		SUS-03		SUS-04		SUS-05	
Date/Time Sampled:	8/23/18 9:16		8/23/18 14:05		8/23/18 14:08		8/23/18 14:05	
Date/Time Analyzed:	9/6/18 9:23		9/6/18 10:03		9/5/18 20:19		9/5/18 21:05	
QC Batch No.:	180905MS2A1		180905MS2A1		180905MS2A1		180905MS2A1	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	4.0		10		1.0		1.0	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	0.45	0.040	0.46	0.10	0.49	0.010	0.47	0.010
Chloromethane	0.38	0.040	0.29	0.10	4.7	0.010	0.24	0.010
Vinyl Chloride	ND u	0.020	ND u	0.050	ND u	0.0050	ND u	0.0050
Bromomethane	ND u	0.20	ND u	0.50	0.081	0.050	0.061	0.050
Chloroethane	ND u	0.040	ND u	0.10	0.031	0.010	ND u	0.010
Trichlorofluoromethane (11)	0.31	0.080	0.24	0.20	0.20	0.020	0.19	0.020
1,1,2-Cl 1,2,2-F ethane (113)	ND u	0.080	ND	0.20	0.073	0.020	0.059	0.020
1,1-Dichloroethene	0.21	0.020	ND	0.050	ND u	0.0050	0.0059	0.0050
Methylene Chloride	0.40	0.20	ND	0.50	0.30	0.050	0.071	0.050
t-1,2-Dichloroethene	0.22	0.040	ND	0.10	ND u	0.010	ND u	0.010
1,1-Dichloroethane	ND u	0.040	ND	0.10	0.016	0.010	ND u	0.010
c-1,2-Dichloroethene	ND u	0.040	ND	0.10	ND u	0.010	ND u	0.010
Chloroform	0.089	0.040	ND	0.10	0.072	0.010	0.069	0.010
1,1,1-Trichloroethane	67 d	1.8	0.12	0.10	0.019	0.010	0.093	0.010
Carbon Tetrachloride	0.14	0.040	0.59	0.10	0.077	0.010	0.64	0.010
Benzene	0.79	0.20	0.53	0.50	1.2	0.050	0.50	0.050
1,2-Dichloroethane	ND u	0.040	ND u	0.10	0.017	0.010	ND u	0.010
Trichloroethene	ND	0.040	ND	0.10	ND u	0.010	ND	0.010
1,2-Dichloropropane	ND	0.080	ND	0.20	ND u	0.020	ND	0.020
Bromodichloromethane	ND	0.040	ND	0.10	ND u	0.010	ND	0.010
Toluene	25	0.080	12	0.20	23 d	1.6	12 d	1.6
t-1,3-Dichloropropene	ND u	0.040	ND u	0.10	0.066	0.010	0.13	0.010
1,1,2-Trichloroethane	ND u	0.040	ND u	0.10	ND u	0.010	ND u	0.010
Tetrachloroethene	2.1	0.040	0.63	0.10	2.3	0.010	0.53	0.010
1,2-Dibromoethane	ND u	0.080	ND u	0.20	ND u	0.020	ND u	0.020
Ethylbenzene	3.2	0.080	1.4	0.20	4.4	0.020	1.2	0.020
p,&m-Xylene	10	0.080	4.4	0.20	9.9	0.020	4.1	0.020
o-Xylene	3.7	0.080	1.3	0.20	4.1	0.020	1.3	0.020
Styrene	0.34	0.080	ND u	0.20	0.38	0.020	0.22	0.020
1,1,2,2-Tetrachloroethane	ND u	0.080	ND u	0.20	ND u	0.020	ND u	0.020

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyte reported from secondary dilution via TO-15 Scan. Batch ID: 180907MS2A1

KAL 10/3/18

Reviewed/Approved By: _____ Operations Manager Date 9/11/18

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

LINCOLN HEIGHTS JAIL SITE
DATA VALIDATION REPORT

Date: October 4, 2018
Laboratory: H&P Mobile Geochemistry, Inc., Carlsbad CA
Laboratory Job Number: WSI082918-A1
Data Validation Performed By: Kelly Luck, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)
Weston Work Order #: 20409.012.006.0113.00

This data validation report has been prepared by WESTON START under the START IV U.S. Environmental Protection Agency (EPA) Region 9 contract. This report documents the data validation for 7 soil vapor samples collected for the Lincoln Heights Jail Site that were analyzed for the following parameters and EPA methods:

- Volatile Organic Compounds (VOCs) by EPA Method TO-15
- Total Petroleum Hydrocarbons (TPH) as Gas by EPA Method TO-15

A level II data package was received from H&P Mobile Geochemistry, Inc., Carlsbad CA. The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated January 2017. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs by EPA METHOD TO-15

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SB-03-5	E808097-01	Vapor	8/29/2018	8/29/2018	8/29/2018, 9/4/18
SB-02-5	E808097-02	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-01-5	E808097-03	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-04-5	E808097-04	Vapor	8/29/2018	8/29/2018	8/29/2018, 9/4/18
SB-04-5 REP	E808097-05	Vapor	8/29/2018	8/29/2018	8/29/2018, 9/4/18
SB-05-2.9	E808097-06	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-06-5	E808097-07	Vapor	8/29/2018	8/29/2018	8/29/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the EPA TO-15 analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection.

3. Blanks

A method blank was analyzed with the sample group and was free of target compound contamination above the reporting limits (RLs).

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits in all samples.

5. Laboratory Control Sample (LCS) Results

An LCS was analyzed with the sample set and the recoveries were within laboratory-established QC limits.

6. Field Duplicate Results

The sample set included one field duplicate pair: SB-04-5 and SB-04-5 REP. The relative percent differences (RPDs) were outside QC limits for all detected analytes: chloromethane (200%) and tetrachloroethene (70%). The results for these analytes were qualified as estimated (J for detects and UJ for nondetects) in samples SB-04-5 and SB-04-5 REP.

7. Overall Assessment

In addition to the qualifiers discussed above, the data validator applied "U" qualifiers to sample results reported by the laboratory as not detected (ND).

The following notes were applied by H&P Mobile Geochemistry to the sample results; these notes were left in place by the data validator, except as noted.

SIM-03: Value determined by GC/MS scan mode; single ion monitoring (SIM) RL listed.

SIM-02: SIM analysis used to achieve lower detection limits.

SIM-01: Value determined by SIM analysis.

J: Detected at a level below the RL, therefore, result is an estimated concentration. The data validator moved this qualifier from the Notes column to the Qualifier column.

A: The SIM calibration check fell above the method criteria for tetrachloroethene (PCE) in the 8/29/18. The sample was reanalyzed for PCE in the SIM range on 9/4/18, and the result from 9/4/18 is reported.

In addition, the laboratory noted that sample results are reported to the method detection limit (MDL) determined for the method, and that if an MDL is not listed for an analyte, the analyte is not detected (ND) at the RL.

The VOC data are acceptable for use based on the information received.

TPH as GAS by EPA METHOD TO-15

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SB-03-5	E808097-01	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-02-5	E808097-02	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-01-5	E808097-03	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-04-5	E808097-04	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-04-5 REP	E808097-05	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-05-2.9	E808097-06	Vapor	8/29/2018	8/29/2018	8/29/2018
SB-06-5	E808097-07	Vapor	8/29/2018	8/29/2018	8/29/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the TPH TO-15 analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection.

3. Blanks

A method blank was analyzed with the sample group and was free of target compound contamination above the RL.

4. LCS Results

No LCS was analyzed with the TPH TO-15 set.

6. Field Duplicate Results

The sample set included one field duplicate pair: SB-04-5 and SB-04-5 REP. The RPD was outside QC limits for TPH as gas (200%). The results for TPH as gas were qualified as estimated (J for detects and UJ for nondetects) in samples SB-04-5 and SB-04-5 REP.

7. Overall Assessment

In addition to the qualifiers discussed above, the data validator applied "U" qualifiers to sample results reported by the laboratory as not detected (ND).

The TPH as gas data are acceptable for use based on the information received.

ATTACHMENT

H&P MOBILE GEOCHEMISTRY
RESULTS SUMMARY WITH QUALIFIERS

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q*	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-03-5 (E808097-01) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1-Difluoroethane (LCC)	ND	U		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND		10	50	"	"	"	"	"	"	
Chloromethane	ND		13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND		29	71	"	"	"	"	"	"	
Vinyl chloride	ND			0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND		28	39	"	"	"	"	"	"	
Chloroethane	ND		21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		17	56	"	"	"	"	"	"	
1,1-Dichloroethene	16	J	8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	U	39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	U	16	35	"	"	"	"	"	"	
Carbon disulfide	15	J	13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	U	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	**81**		21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	U	29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	U	16	40	"	"	"	"	"	"	
Chloroform	**2.5**			1.0	"	"	"	"	"	"	SIM-01
1,1,1-Trichloroethane	**4800**		14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	U	16	21	"	"	"	"	"	"	
Benzene	ND			1.3	"	"	"	"	"	"	SIM-02
Carbon tetrachloride	ND		9.6	13	"	"	"	"	"	"	
Trichloroethene	ND			1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND		19	47	"	"	"	"	"	"	
Bromodichloromethane	ND		27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
Toluene	ND		19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND		37	41	"	"	"	"	"	"	
Dibromochloromethane	ND		26	86	"	"	"	"	"	"	
Tetrachloroethene	**25**			1.4	"	"	"	"	04-Sep-18	"	SIM-01, A
1,2-Dibromoethane (EDB)	ND	U	16	39	"	"	"	"	29-Aug-18	"	
1,1,1,2-Tetrachloroethane	ND	U	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	U	9.4	23	"	"	"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q*	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-03-5 (E808097-01) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
Ethylbenzene	ND	u	8.8	22	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
m,p-Xylene	ND		22	44	"	"	"	"	"	"	
Styrene	ND		17	43	"	"	"	"	"	"	
o-Xylene	ND		8.8	22	"	"	"	"	"	"	
Bromoform	ND		42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND		20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND		43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4				*116 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8				*99.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene				*99.5 %*		*56-127*	"	"	"	"	
SB-02-5 (E808097-02) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1-Difluoroethane (LCC)	ND	u		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND		10	50	"	"	"	"	"	"	
Chloromethane	ND		13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND		29	71	"	"	"	"	"	"	
Vinyl chloride	ND			0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND		28	39	"	"	"	"	"	"	
Chloroethane	ND		21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND		8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND		39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND		16	35	"	"	"	"	"	"	
Carbon disulfide	**49**		13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	u	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND		21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND		29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		16	40	"	"	"	"	"	"	
Chloroform	ND			1.0	"	"	"	"	"	"	SIM-02

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q *	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-02-5 (E808097-02) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1,1-Trichloroethane	**25**	J	14	28	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
1,2-Dichloroethane (EDC)	ND	U	16	21	"	"	"	"	"	"	
Benzene	**3.5**			1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	U	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND			1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND		19	47	"	"	"	"	"	"	
Bromodichloromethane	ND		27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
Toluene	**20**	J	19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	U	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	U	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	U	26	86	"	"	"	"	"	"	
Tetrachloroethene	**78**			1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	U	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
Chlorobenzene	ND		9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND		8.8	22	"	"	"	"	"	"	
m,p-Xylene	**27**	J	22	44	"	"	"	"	"	"	
Styrene	ND	U	17	43	"	"	"	"	"	"	
o-Xylene	**10**	J	8.8	22	"	"	"	"	"	"	
Bromoform	ND	U	42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND		20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND		43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4				*103 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8				*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene				*95.0 %*	*56-127*		"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q *	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-01-5 (E808097-03) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1-Difluoroethane (LCC)	ND	u		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND		10	50	"	"	"	"	"	"	
Chloromethane	ND		13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND		29	71	"	"	"	"	"	"	
Vinyl chloride	ND			0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND		28	39	"	"	"	"	"	"	
Chloroethane	ND		21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND		8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND		39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND		16	35	"	"	"	"	"	"	
Carbon disulfide	**21**	J	13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	u	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND		21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND		29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		16	40	"	"	"	"	"	"	
Chloroform	ND			1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND		14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND		16	21	"	"	"	"	"	"	
Benzene	**1.5**			1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	u	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND			1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND		19	47	"	"	"	"	"	"	
Bromodichloromethane	ND		27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
Toluene	ND		19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND		37	41	"	"	"	"	"	"	
Dibromochloromethane	ND		26	86	"	"	"	"	"	"	
Tetrachloroethene	**130**			1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	u	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
Chlorobenzene	ND		9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND		8.8	22	"	"	"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q*	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-01-5 (E808097-03) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
m,p-Xylene	ND	U	22	44	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Styrene	ND		17	43	"	"	"	"	"	"	
o-Xylene	ND		8.8	22	"	"	"	"	"	"	
Bromoform	ND		42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND		20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND		43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4				*110 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8				*96.1 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene				*95.4 %*	*56-127*		"	"	"	"	
SB-04-5 (E808097-04) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1-Difluoroethane (LCC)	ND	U		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	U	10	50	"	"	"	"	"	"	
Chloromethane	**21**	J	13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	U	29	71	"	"	"	"	"	"	
Vinyl chloride	ND			0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND		28	39	"	"	"	"	"	"	
Chloroethane	ND		21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND		8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND		39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND		16	35	"	"	"	"	"	"	
Carbon disulfide	ND		13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND		21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND		29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		16	40	"	"	"	"	"	"	
Chloroform	ND			1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND		14	28	"	"	"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q *	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-04-5 (E808097-04) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,2-Dichloroethane (EDC)	ND	U	16	21	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Benzene	ND			1.3	"	"	"	"	"	"	SIM-02
Carbon tetrachloride	ND		9.6	13	"	"	"	"	"	"	
Trichloroethene	ND			1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND		19	47	"	"	"	"	"	"	
Bromodichloromethane	ND		27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
Toluene	ND		19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND		37	41	"	"	"	"	"	"	
Dibromochloromethane	ND		26	86	"	"	"	"	"	"	
Tetrachloroethene	**48**	J		1.4	"	"	"	"	04-Sep-18	"	SIM-01, A
1,2-Dibromoethane (EDB)	ND	U	16	39	"	"	"	"	29-Aug-18	"	
1,1,1,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
Chlorobenzene	ND		9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND		8.8	22	"	"	"	"	"	"	
m,p-Xylene	ND		22	44	"	"	"	"	"	"	
Styrene	ND		17	43	"	"	"	"	"	"	
o-Xylene	ND		8.8	22	"	"	"	"	"	"	
Bromoform	ND		42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND		20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND		43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4				*108 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8				*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene				*96.4 %*	*56-127*		"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q*	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-04-5 REP (E808097-05) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1-Difluoroethane (LCC)	ND	U		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	U	10	50	"	"	"	"	"	"	
Chloromethane	ND	UJ	13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	U	29	71	"	"	"	"	"	"	
Vinyl chloride	ND			0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND		28	39	"	"	"	"	"	"	
Chloroethane	ND		21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND		8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND		39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND		16	35	"	"	"	"	"	"	
Carbon disulfide	ND		13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND		21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND		29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		16	40	"	"	"	"	"	"	
Chloroform	ND			1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND		14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND		16	21	"	"	"	"	"	"	
Benzene	ND			1.3	"	"	"	"	"	"	SIM-02
Carbon tetrachloride	ND		9.6	13	"	"	"	"	"	"	
Trichloroethene	ND			1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND		19	47	"	"	"	"	"	"	
Bromodichloromethane	ND		27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
Toluene	ND		19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND		37	41	"	"	"	"	"	"	
Dibromochloromethane	ND		26	86	"	"	"	"	"	"	
Tetrachloroethene	**23**	J		1.4	"	"	"	"	04-Sep-18	"	A, SIM-01
1,2-Dibromoethane (EDB)	ND	U	16	39	"	"	"	"	29-Aug-18	"	
1,1,1,2-Tetrachloroethane	ND	U	28	70	"	"	"	"	"	"	
Chlorobenzene	ND	U	9.4	23	"	"	"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q *	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-04-5 REP (E808097-05) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
Ethylbenzene	ND	U	8.8	22	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
m,p-Xylene	ND		22	44	"	"	"	"	"	"	
Styrene	ND		17	43	"	"	"	"	"	"	
o-Xylene	ND		8.8	22	"	"	"	"	"	"	
Bromoform	ND		42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND		20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND		43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4				*103 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8				*99.5 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene				*93.5 %*	*56-127*		"	"	"	"	
SB-05-2.9 (E808097-06) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1-Difluoroethane (LCC)	ND	U		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	U	10	50	"	"	"	"	"	"	
Chloromethane	**51**		13	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	U	29	71	"	"	"	"	"	"	
Vinyl chloride	ND			0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND		28	39	"	"	"	"	"	"	
Chloroethane	ND		21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND		8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND		39	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND		16	35	"	"	"	"	"	"	
Carbon disulfide	**20**	J	13	32	"	"	"	"	"	"	*
trans-1,2-Dichloroethene	ND	U	20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	U	21	41	"	"	"	"	"	"	
2-Butanone (MEK)	**89**		29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	U	16	40	"	"	"	"	"	"	
Chloroform	**2.1**			1.0	"	"	"	"	"	"	SIM-01

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q*	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-05-2.9 (E808097-06) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1,1-Trichloroethane	ND	u	14	28	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
1,2-Dichloroethane (EDC)	ND	u	16	21	"	"	"	"	"	"	
Benzene	**10**			1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	u	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND			1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND		19	47	"	"	"	"	"	"	
Bromodichloromethane	ND		27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
Toluene	**23**	J	19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	u	39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	u	37	41	"	"	"	"	"	"	
Dibromochloromethane	ND	u	26	86	"	"	"	"	"	"	
Tetrachloroethene	**70**			1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	u	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
Chlorobenzene	ND		9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND		8.8	22	"	"	"	"	"	"	
m,p-Xylene	ND		22	44	"	"	"	"	"	"	
Styrene	ND		17	43	"	"	"	"	"	"	
o-Xylene	ND		8.8	22	"	"	"	"	"	"	
Bromoform	ND		42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND		20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND		43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4				*100 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8				*103 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene				*89.9 %*	*56-127*		"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q *	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (E808097-07) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
1,1-Difluoroethane (LCC)	ND	u		27	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	u	10	50	"	"	"	"	"	"	
Chloromethane	**20**	J	13	21	"	"	"	"	"	"	x
Dichlorotetrafluoroethane (F114)	ND	u	29	71	"	"	"	"	"	"	
Vinyl chloride	ND			0.8	"	"	"	"	"	"	SIM-02
Bromomethane	ND		28	39	"	"	"	"	"	"	
Chloroethane	ND		21	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		17	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND		8.0	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	**62**	J	39	77	"	"	"	"	"	"	x
Methylene chloride (Dichloromethane)	ND	u	16	35	"	"	"	"	"	"	
Carbon disulfide	ND		13	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		20	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND		21	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND		29	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		16	40	"	"	"	"	"	"	
Chloroform	ND			1.0	"	"	"	"	"	"	SIM-02
1,1,1-Trichloroethane	ND		14	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND		16	21	"	"	"	"	"	"	
Benzene	**1.4**			1.3	"	"	"	"	"	"	SIM-01
Carbon tetrachloride	ND	u	9.6	13	"	"	"	"	"	"	
Trichloroethene	ND			1.6	"	"	"	"	"	"	SIM-02
1,2-Dichloropropane	ND		19	47	"	"	"	"	"	"	
Bromodichloromethane	ND		27	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		25	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		18	46	"	"	"	"	"	"	
Toluene	ND		19	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		39	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND		37	41	"	"	"	"	"	"	
Dibromochloromethane	ND		26	86	"	"	"	"	"	"	
Tetrachloroethene	**90**			1.4	"	"	"	"	"	"	SIM-03
1,2-Dibromoethane (EDB)	ND	u	16	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
Chlorobenzene	ND		9.4	23	"	"	"	"	"	"	
Ethylbenzene	ND		8.8	22	"	"	"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord	Project: WSI082918-A1	
2300 Clayton Road, Ste 900	Project Number: PO# 0097849/ 401 N. Avenue 19	Reported:
Concord, CA 94520	Project Manager: Mr. Brian Milton	16-Sep-18 21:49

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q *	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-06-5 (E808097-07) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											**J- Report**
m,p-Xylene	ND	U	22	44	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
Styrene	ND		17	43	"	"	"	"	"	"	
o-Xylene	ND		8.8	22	"	"	"	"	"	"	
Bromoform	ND		42	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		28	70	"	"	"	"	"	"	
4-Ethyltoluene	ND		20	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		20	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		24	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		30	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND		43	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4				*105 %*	*67-141*		"	"	"	"	
Surrogate: Toluene-d8				*101 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene				*92.1 %*	*56-127*		"	"	"	"	

* Qualifier

KAL 10/4/18

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Weston Solutions, Inc-Concord 2300 Clayton Road, Ste 900 Concord, CA 94520	Project: WSI082918-A1 Project Number: PO# 0097849/ 401 N. Avenue 19 Project Manager: Mr. Brian Milton	Reported: 16-Sep-18 21:49

Petroleum Hydrocarbon Analysis by H&P TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Q*	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SB-03-5 (E808097-01) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											
TPHv (C5 - C12)	**43000**			500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-02-5 (E808097-02) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											
TPHv (C5 - C12)	ND	U		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-01-5 (E808097-03) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											
TPHv (C5 - C12)	ND	U		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-04-5 (E808097-04) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											
TPHv (C5 - C12)	**600**	J		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-04-5 REP (E808097-05) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											
TPHv (C5 - C12)	ND	UJ		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-05-2.9 (E808097-06) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											
TPHv (C5 - C12)	**1900**			500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	
SB-06-5 (E808097-07) Vapor Sampled: 29-Aug-18 Received: 29-Aug-18											
TPHv (C5 - C12)	ND	U		500	ug/m3	1	EH82902	29-Aug-18	29-Aug-18	H&P TO-15	

KAL 10/4/18

* Qualifier

LINCOLN HEIGHTS JAIL SITE
DATA VALIDATION REPORT

Date: October 3, 2018
Laboratory: Orange Coast Analytical, Inc., Tustin, CA
Laboratory Job Number: WST 23788
Data Validation Performed By: Kelly Luck, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)
Weston Work Order #: 20409.012.006.0113.00

This data validation report has been prepared by WESTON START under the START IV U.S. Environmental Protection Agency (EPA) Region 9 contract. This report documents the data validation for 15 soil samples collected for the Lincoln Heights Jail Site that were analyzed for the following parameters and EPA methods:

- Volatile Organic Compounds (VOCs) by SW-846 Method 8260B
- Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO) and Motor Oil Range Organics (MRO) by SW-846 Method 8015B
- TPH as Gasoline Range Organics (GRO) by SW-846 Method 8015B
- Polynuclear Aromatic Hydrocarbons (PAHs) by SW-846 Method 8310
- Polychlorinated Biphenyls (PCBs) by SW-846 Method 8082
- California Administrative Manual (CAM) 17 Metals by SW-846 Method 6010B/7471A

A level II data package was received from Orange Coast Analytical, Inc., Tustin, CA. The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated January 2017 and the EPA "Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review" dated January 2017. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs by SW-846 METHOD 8260B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-01-0	23788-001	Soil	8/22/2018	8/22/2018	8/25/2018
SS-01-2	23788-002	Soil	8/22/2018	8/22/2018	8/25/2018
SS-07-0	23788-006	Soil	8/22/2018	8/22/2018	8/25/2018
SS-02-0	23788-009	Soil	8/23/2018	8/23/2018	8/25/2018
SS-02-2	23788-010	Soil	8/23/2018	8/23/2018	8/25/2018
SS-08-0	23788-011	Soil	8/23/2018	8/23/2018	8/25/2018
SS-03-0	23788-012	Soil	8/23/2018	8/23/2018	8/29/2018
SS-03-2	23788-013	Soil	8/23/2018	8/23/2018	8/29/2018

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-04-0	23788-014	Soil	8/23/2018	8/23/2018	8/29/2018
SS-04-2	23788-015	Soil	8/23/2018	8/23/2018	8/29/2018
Trip Blank	23788-016	Water	--	8/28/2018	8/28/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the VOCs analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC and analyzed within the required holding time limit of 7 days from sample collection.

3. Blanks

Method blanks were analyzed with the VOC sample group and were free of target compound contamination above the reporting limits (RLs). In addition, the Trip Blank was free of target compound contamination above the RLs.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) Results

Two LCS/LCSD pairs were analyzed with the soil sample set and one LCS/LCSD pair was analyzed with the water sample set. The recoveries and relative percent differences (RPDs) were within laboratory-established QC limits.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

Sample SS-03-0 was used for MS/MSD analyses for soil samples. The recoveries and RPDs were within laboratory-established QC limits.

A sample outside the sample set was used for MS/MSD analyses for water samples.

7. Field Duplicate Results

The sample set included two field duplicate pairs: SS-01-0 and SS-07-0; and SS-02-0 and SS-08-0. RPDs could not be evaluated as no target analytes were detected in any of the samples.

8. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

The VOC data are acceptable for use based on the information received.

TPH AS DRO and MRO by SW-846 METHOD 8015B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-01-0	23788-001	Soil	8/22/2018	8/24/2018	8/27/2018
SS-01-2	23788-002	Soil	8/22/2018	8/24/2018	8/24/2018
SS-07-0	23788-006	Soil	8/22/2018	8/24/2018	8/27/2018
SS-02-0	23788-009	Soil	8/23/2018	8/24/2018	8/27/2018
SS-02-2	23788-010	Soil	8/23/2018	8/24/2018	8/24/2018
SS-08-0	23788-011	Soil	8/23/2018	8/24/2018	8/27/2018
SS-03-0	23788-012	Soil	8/23/2018	8/24/2018	8/27/2018
SS-03-2	23788-013	Soil	8/23/2018	8/24/2018	8/25/2018
SS-04-0	23788-014	Soil	8/23/2018	8/24/2018	8/27/2018
SS-04-2	23788-015	Soil	8/23/2018	8/24/2018	8/25/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the TPH as DRO and MRO analysis, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC, and extracted and analyzed within the required holding times of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the sample group and was free of target compound contamination above the RLs.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS and LCSD Results

An LCS and LCSD pair was analyzed with the sample set. All recoveries and RPDs were within laboratory-established QC limits.

6. MS and MSD Results

Sample SS-01-2 was used for MS and MSD analyses. The recoveries and RPD were within laboratory-established QC limits.

7. Field Duplicate Results

The sample set included two field duplicate pairs: SS-01-0 and SS-07-0; and SS-02-0 and SS-08-0. The RPDs were within QC limits (≤50%).

8. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

The TPH as DRO and MRO data are acceptable for use as qualified based on the information received.

TPH AS GRO by SW-846 METHOD 8015B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-01-0	23788-001	Soil	8/22/2018	8/22/2018	8/24/2018
SS-01-2	23788-002	Soil	8/22/2018	8/22/2018	8/24/2018
SS-07-0	23788-006	Soil	8/22/2018	8/22/2018	8/24/2018
SS-02-0	23788-009	Soil	8/23/2018	8/23/2018	8/24/2018
SS-02-2	23788-010	Soil	8/23/2018	8/23/2018	8/24/2018
SS-08-0	23788-011	Soil	8/23/2018	8/23/2018	8/24/2018
SS-03-0	23788-012	Soil	8/23/2018	8/23/2018	8/24/2018

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-03-2	23788-013	Soil	8/23/2018	8/23/2018	8/24/2018
SS-04-0	23788-014	Soil	8/23/2018	8/23/2018	8/24/2018
SS-04-2	23788-015	Soil	8/23/2018	8/23/2018	8/24/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the TPH as GRO analysis, all analytical data package items were received from the laboratory and the analysis requested was performed.

The laboratory noted that results were quantitated against a gasoline standard.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC, and were extracted and analyzed within the required holding time limit of 14 days.

3. Blanks

A method blank was analyzed with the sample group and was free of target compound contamination above the RL.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits in all samples with the exception of sample SS-02-0 (greater than QC limits; actual recovery not reported). The results for TPH as GRO in sample SS-02-0 were qualified as estimated (J).

5. LCS and LCSD Results

An LCS/LCSD pair was analyzed with the sample set and the recoveries and RPD were within laboratory-established QC limits.

6. MS and MSD Results

A sample outside the sample set was used for MS/MSD analyses.

7. Field Duplicate Results

The sample set included two field duplicate pairs: SS-01-0 and SS-07-0; and SS-02-0 and SS-08-0. The RPDs were within QC limits (≤50%) for sample pair SS-01-0 and SS-07-0 but not for

sample pair SS-02-0 and SS-08-0 (200%). The results for TPH as GRO were qualified as estimated (J for detects and UJ for nondetects) in samples SS-02-0 and SS-08-0.

8. Overall Assessment

In addition to the qualifiers discussed above, the data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

The TPH as GRO data are acceptable for use as qualified based on the information received.

PAHs by SW-846 METHOD 8310

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-01-0	23788-001	Soil	8/22/2018	8/24/2018	8/24/2018
SS-01-2	23788-002	Soil	8/22/2018	8/24/2018	8/24/2018
SS-07-0	23788-006	Soil	8/22/2018	8/24/2018	8/24/2018
SS-02-0	23788-009	Soil	8/23/2018	8/24/2018	8/28/2018
SS-02-2	23788-010	Soil	8/23/2018	8/24/2018	8/24/2018
SS-08-0	23788-011	Soil	8/23/2018	8/24/2018	8/28/2018
SS-03-0	23788-012	Soil	8/23/2018	8/24/2018	8/28/2018
SS-03-2	23788-013	Soil	8/23/2018	8/24/2018	8/28/2018
SS-04-0	23788-014	Soil	8/23/2018	8/24/2018	8/24/2018
SS-04-2	23788-015	Soil	8/23/2018	8/24/2018	8/24/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the PAHs analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC, and extracted and analyzed within the required holding time limits of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the PAH sample group and was free of target compound contamination above the RLs.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established QC limits for all samples except SS-02-0 (23%) and SS-03-2 (26%). All results for PAHs in samples SS-02-0 and SS-03-2 were qualified as estimated (J for detects and UJ for nondetects).

5. LCS and LCSD Results

An LCS/LCSD pair was analyzed with the sample set and the recoveries were within laboratory-established QC limits.

6. MS and MSD Results

A sample outside the sample set was used for MS/MSD analyses.

7. Field Duplicate Results

The sample set included two field duplicate pairs: SS-01-0 and SS-07-0; and SS-02-0 and SS-08-0. The RPDs were within QC limits (≤50%) for all analytes with the following exceptions:

- for sample pair SS-01-0 and SS-07-0, benz(a)anthracene (200%) and benzo(b)fluoranthene (200%);
- for sample pair SS-02-0 and SS-08-0, benzo(a)pyrene (68%) and chrysene (200%).

The results for benz(a)anthracene and benzo(b)fluoranthene in samples SS-01-0 and SS-07-0 and for benzo(a)pyrene and chrysene in samples SS-02-0 and SS-08-0 were qualified as estimated (J for detects and UJ for nondetects).

8. Overall Assessment

In addition to the qualifiers discussed above, the data validator applied "U" qualifiers to sample results reported by the laboratory as "ND".

The PAH data are acceptable for use based on the information received.

PCBs by SW-846 METHOD 8082

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-05-0	23788-003	Soil	8/22/2018	8/24/2018	8/27/2018
SS-05-2	23788-004	Soil	8/22/2018	8/24/2018	8/27/2018
SS-06-0	23788-005	Soil	8/22/2018	8/24/2018	8/28/2018
SS-09-2	23788-007	Soil	8/22/2018	8/24/2018	8/27/2018

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-06-2	23788-008	Soil	8/22/2018	8/24/2018	8/27/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the PCBs analysis, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC, and extracted and analyzed within the required holding time limits of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the sample group and was free of target compound contamination above the RLs.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS and LCSD Results

An LCS/LCSD pair was analyzed with the sample set. All recoveries and RPDs were within laboratory-established QC limits.

6. MS and MSD Results

Sample SS-09-2 was used for MS and MSD analyses. All recoveries and RPDs were within laboratory-established QC limits.

7. Field Duplicate Results

The sample set included one field duplicate pair, SS-06-2 and SS-09-2. RPDs could not be determined as no PCBs were detected in either sample.

8. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

Sample SS-06-0 required dilution (10x; no explanation provided), elevating the RLs.

The PCBs data are acceptable for use as qualified based on the information received.

CAM 17 METALS by SW-846 METHOD 6010B/7471A

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared		Date Analyzed	
				Mercury	Metals	Mercury	Metals
SS-01-0	23788-001	Soil	8/22/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-01-2	23788-002	Soil	8/22/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-05-0	23788-003	Soil	8/22/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-06-0	23788-005	Soil	8/22/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-07-0	23788-006	Soil	8/22/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-02-0	23788-009	Soil	8/23/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-02-2	23788-010	Soil	8/23/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-08-0	23788-011	Soil	8/23/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-03-0	23788-012	Soil	8/23/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-03-2	23788-013	Soil	8/23/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-04-0	23788-014	Soil	8/23/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018
SS-04-2	23788-015	Soil	8/23/2018	8/24/2018	8/28/2018	8/28/2018	8/29/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the metals analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were analyzed within the required holding time limits: 28 days for mercury and 180 days for all other metals.

3. Blank Results

Method blanks were analyzed with the metal and mercury sample groups and were free of target compound contamination above the RLs.

4. LCS and LCSD Results

LCS/LCSD pairs were analyzed with the sample sets. The recoveries and RPDs were within the laboratory-established QC limits.

5. MS and MSD Results

Sample SS-01-0 was used for MS and MSD analyses for metals and mercury. The recoveries of all analytes were within QC limits (75-125% for metals and 80-120% for mercury) with the following exceptions: antimony (15 and 17%), lead (129%), vanadium (129%), and zinc (65 and 180%).

All RPDs were within QC limits (≤20%), with the exception of zinc (27%).

The results for antimony, lead, vanadium, and zinc in sample SS-01-0 were qualified as estimated (J for detects and UJ for nondetects).

MS/MSD recoveries were outside the 75-125% criteria for barium. However, the concentration of this analyte in the unspiked sample was greater than four times the amount of the spiked concentration; therefore, no action was required.

6. Field Duplicate Results

The sample set included two field duplicate pairs: SS-01-0 and SS-07-0; and SS-02-0 and SS-08-0. The RPDs were within control limits (control limits: RPD ≤50% for results >5xRL; and absolute difference less than the RL for results ≤5xRL) for all metals in the sample pairs, with the following exceptions:

- for sample pair SS-01-0 and SS-07-0, arsenic (200%) and molybdenum (200%).

The results for arsenic and molybdenum in samples SS-01-0 and SS-07-0 were qualified as estimated (J for detects and UJ for nondetects).

7. Overall Assessment

In addition to the qualifiers discussed above, the data validator applied “U” qualifiers to sample results reported by the laboratory as below the RL.

The metals data are acceptable for use as qualified based on the information received.

ATTACHMENT

ORANGE COAST ANALYTICAL
RESULTS SUMMARY WITH QUALIFIERS

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/22/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 U	trans-1,3-Dichloropropene	10061-02-6	<2.5 U
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	71	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	8/22/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	42-139 %
Toluene-d8:	84	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAC 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/22/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	83	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/23/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	71	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/23/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	108	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	76	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KDL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/23/2018	8/25/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	85	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	101	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KDL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	82	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	103	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/23/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	101	42-139 %
Toluene-d8:	81	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KDC 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Trip Blank	23788-016	8/23/2018		8/28/2018	8/28/2018	Water

ANALYTE	CAS #	µg/L	ANALYTE	CAS #	µg/L
t-Amyl methyl ether (TAME)	994-05-8	<1.0	trans-1,3-Dichloropropene	10061-02-6	<0.50
Benzene	71-43-2	<0.50	Diisopropyl ether (DIPE)	108-20-3	<1.0
Bromobenzene	108-86-1	<0.50	Ethyl t-butyl ether (ETBE)	637-92-3	<1.0
Bromochloromethane	74-97-5	<0.50	Ethylbenzene	100-41-4	<0.50
Bromodichloromethane	75-27-4	<1.0	Hexachlorobutadiene	87-68-3	<0.50
Bromoform	75-25-2	<0.50	Isopropylbenzene	98-82-8	<0.50
Bromomethane	74-83-9	<5.0	4-Isopropyltoluene	99-87-6	<0.50
tert-Butyl alcohol (TBA)	75-65-0	<10	Methyl t-butyl ether (MTBE)	1634-04-4	<1.0
n-Butylbenzene	104-51-8	<0.50	Methylene chloride	75-09-2	<5.0
sec-Butylbenzene	135-98-8	<0.50	Naphthalene	91-20-3	<0.50
tert-Butylbenzene	98-06-6	<0.50	n-Propylbenzene	103-65-1	<0.50
Carbon tetrachloride	56-23-5	<0.50	Styrene	100-42-5	<0.50
Chlorobenzene	108-90-7	<0.50	1,1,1,2-Tetrachloroethane	630-20-6	<0.50
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<0.50
Chloroform	67-66-3	<0.50	Tetrachloroethene	127-18-4	<0.50
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<0.50
2-Chlorotoluene	95-49-8	<0.50	1,2,3-Trichlorobenzene	87-61-6	<0.50
4-Chlorotoluene	106-43-4	<0.50	1,2,4-Trichlorobenzene	120-82-1	<0.50
Dibromochloromethane	124-48-1	<0.50	1,1,1-Trichloroethane	71-55-6	<0.50
1,2-Dibromo-3-chloropropane	96-12-8	<2.0	1,1,2-Trichloroethane	79-00-5	<0.50
1,2-Dibromoethane	106-93-4	<0.50	Trichloroethene	79-01-6	<0.50
Dibromomethane	74-95-3	<0.50	Trichlorofluoromethane	75-69-4	<2.0
1,2-Dichlorobenzene	95-50-1	<0.50	1,2,3-Trichloropropane	96-18-4	<0.50
1,3-Dichlorobenzene	541-73-1	<0.50	1,2,4-Trimethylbenzene	95-63-6	<0.50
1,4-Dichlorobenzene	106-46-7	<0.50	1,3,5-Trimethylbenzene	108-67-8	<0.50
Dichlorodifluoromethane	75-71-8	<2.0	Vinyl Chloride	75-01-4	<0.50
1,1-Dichloroethane	75-34-3	<0.50	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<0.50			
1,1-Dichloroethene	75-35-4	<0.50			
cis-1,2-Dichloroethene	156-59-2	<0.50			
trans-1,2-Dichloroethene	156-60-5	<0.50			
1,2-Dichloropropane	78-87-5	<10			
1,3-Dichloropropane	142-28-9	<0.50			
2,2-Dichloropropane	594-20-7	<0.50			
1,1-Dichloropropene	563-58-6	<0.50			
cis-1,3-Dichloropropene	10061-01-5	<0.50			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	58-136 %
Toluene-d8:	83	54-130 %
4-Bromofluorobenzene:	73	52-130 %

Dilution Factor: 1

Data Qualifiers: None

KLC 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	91	Octacosane	129
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SS-01-0	23788-001	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	650	Octacosane	129
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SS-01-2	23788-002	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	131
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SS-01-2	23788-002	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	131
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

SS-07-0	23788-006	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	60	Octacosane	117
		* Acc Recovery:	40-159 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	480	Octacosane	117

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	110	Octacosane	123

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	400	Octacosane	123

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	29	Octacosane	130

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	160	Octacosane	130

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	110	Octacosane	130

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	430	Octacosane	130

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	25	Octacosane	130

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	330	Octacosane	130

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	133

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	49	Octacosane	133

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	87	Octacosane	124

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/24/2018	8/27/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	460	Octacosane	124

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	11	Octacosane	122

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/24/2018	8/25/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	85	Octacosane	122

* Acc Recovery: 40-159 %

Dilution Factor: 1
Data Qualifiers: None

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/22/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	70

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	8/22/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/22/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	0.25 J	α-α-α-Trifluorotoluene	Matrix

Dilution Factor: 1
Data Qualifiers: S10,

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	82

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

KDC 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 uJ	α-α-α-Trifluorotoluene	81

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	76

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	66

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	8/23/2018	8/24/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	76

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	<2.0 UJ
Benzo(a)pyrene:	50-32-8	<2.0 U
Benzo(b)fluoranthene:	205-99-2	<2.0 UJ
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	27
Chrysene:	218-01-9	4.3
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	<2.0 U
Pyrene:	129-00-0	<2.0 U
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	<2.0 U
Indeno(1,2,3-cd)pyrene:	193-39-5	22
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	32

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

SS-01-2	23788-002	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	<2.0 U
Benzo(a)pyrene:	50-32-8	<2.0 U
Benzo(b)fluoranthene:	205-99-2	<2.0 U
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	2.0
Chrysene:	218-01-9	<2.0 U
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	<2.0 U
Pyrene:	129-00-0	<2.0 U
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	<2.0 U
Indeno(1,2,3-cd)pyrene:	193-39-5	<3.0 U
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	92

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	12 J
Benzo(a)pyrene:	50-32-8	<2.0 U
Benzo(b)fluoranthene:	205-99-2	6.0 J
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	37
Chrysene:	218-01-9	3.6
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	<2.0 U
Pyrene:	129-00-0	<2.0 U
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	<2.0 U
Indeno(1,2,3-cd)pyrene:	193-39-5	32
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	58

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 UJ
Acenaphthylene:	208-96-8	<10 UJ
Anthracene:	120-12-7	<2.0 UJ
Benz(a)anthracene:	56-55-3	<2.0 UJ
Benzo(a)pyrene:	50-32-8	5.9 J
Benzo(b)fluoranthene:	205-99-2	<2.0 UJ
Benzo(k)fluoranthene:	207-08-9	<2.0 UJ
Benzo(g,h,i)perylene:	191-24-2	12 J
Chrysene:	218-01-9	<2.0 UJ
Dibenz(a,h)anthracene:	53-70-3	<2.0 UJ
Fluoranthene:	206-44-0	<2.0 UJ
Pyrene:	129-00-0	<2.0 UJ
Fluorene:	86-73-7	<10 UJ
Phenanthrene:	85-01-8	<2.0 UJ
Indeno(1,2,3-cd)pyrene:	193-39-5	7.1 J
Naphthalene:	91-20-3	<5.0 UJ

Surrogate:	% RC*
Nitrobenzene-d5	23

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: S5,

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	<2.0 U
Benzo(a)pyrene:	50-32-8	<2.0 U
Benzo(b)fluoranthene:	205-99-2	<2.0 U
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	8.7
Chrysene:	218-01-9	<2.0 U
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	<2.0 U
Pyrene:	129-00-0	<2.0 U
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	<2.0 U
Indeno(1,2,3-cd)pyrene:	193-39-5	5.6
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	58

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

SS-08-0	23788-011	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	<2.0 U
Benzo(a)pyrene:	50-32-8	12 J
Benzo(b)fluoranthene:	205-99-2	<2.0 U
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	17
Chrysene:	218-01-9	2.4 J
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	<2.0 U
Pyrene:	129-00-0	<2.0 U
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	<2.0 U
Indeno(1,2,3-cd)pyrene:	193-39-5	9.4
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	38

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	3.7
Benzo(a)pyrene:	50-32-8	8.5
Benzo(b)fluoranthene:	205-99-2	<2.0 U
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	13
Chrysene:	218-01-9	4.8
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	<2.0 U
Pyrene:	129-00-0	2.6
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	4.3
Indeno(1,2,3-cd)pyrene:	193-39-5	10
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	38

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

SS-03-2	23788-013	8/23/2018	8/23/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 UJ
Acenaphthylene:	208-96-8	<10 UJ
Anthracene:	120-12-7	<2.0 UJ
Benz(a)anthracene:	56-55-3	3.7 J
Benzo(a)pyrene:	50-32-8	9.3 J
Benzo(b)fluoranthene:	205-99-2	4.3 J
Benzo(k)fluoranthene:	207-08-9	4.8 J
Benzo(g,h,i)perylene:	191-24-2	11 J
Chrysene:	218-01-9	6.4 J
Dibenz(a,h)anthracene:	53-70-3	<2.0 UJ
Fluoranthene:	206-44-0	11 J
Pyrene:	129-00-0	8.6 J
Fluorene:	86-73-7	<10 UJ
Phenanthrene:	85-01-8	10 J
Indeno(1,2,3-cd)pyrene:	193-39-5	7.1 J
Naphthalene:	91-20-3	<5.0 UJ

Surrogate:	% RC*
Nitrobenzene-d5	26

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: C8, S5,

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polynuclear Aromatic Hydrocarbons (EPA 8310)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	5.2
Benzo(a)pyrene:	50-32-8	<2.0 U
Benzo(b)fluoranthene:	205-99-2	<2.0 U
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	13
Chrysene:	218-01-9	<2.0 U
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	3.3
Pyrene:	129-00-0	<2.0 U
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	<2.0 U
Indeno(1,2,3-cd)pyrene:	193-39-5	11
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	29

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

SS-04-2	23788-015	8/23/2018	8/23/2018	8/24/2018	8/24/2018	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<2.0 U
Acenaphthylene:	208-96-8	<10 U
Anthracene:	120-12-7	<2.0 U
Benz(a)anthracene:	56-55-3	5.4
Benzo(a)pyrene:	50-32-8	<2.0 U
Benzo(b)fluoranthene:	205-99-2	<2.0 U
Benzo(k)fluoranthene:	207-08-9	<2.0 U
Benzo(g,h,i)perylene:	191-24-2	13
Chrysene:	218-01-9	4.9
Dibenz(a,h)anthracene:	53-70-3	<2.0 U
Fluoranthene:	206-44-0	7.9
Pyrene:	129-00-0	6.4
Fluorene:	86-73-7	<10 U
Phenanthrene:	85-01-8	3.7
Indeno(1,2,3-cd)pyrene:	193-39-5	9.0
Naphthalene:	91-20-3	<5.0 U

Surrogate:	% RC*
Nitrobenzene-d5	58

* Acceptable Recovery: 29-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-05-0	23788-003	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25 u
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	76

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-05-2	23788-004	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25 u
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	81

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-06-0	23788-005	8/23/2018	8/22/2018	8/24/2018	8/28/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<250 u
PCB-1221	11104-28-2	<250
PCB-1232	11141-16-5	<250
PCB-1242	53469-21-9	<250
PCB-1248	12672-29-6	<250
PCB-1254	11097-69-1	<250
PCB-1260	11096-82-5	<250

Surrogate:	% RC*
Decachlorobiphenyl	100

* Acceptable Recovery: 36-131 %

Dilution Factor: 10

Data Qualifiers: D2,

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-09-2	23788-007	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25 u
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	73

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS-06-2	23788-008	8/23/2018	8/22/2018	8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25 u
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	96

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAV0824182			8/24/2018	8/27/2018	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	77

* Acceptable Recovery: 36-131 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Sclutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-01-0	23788-001	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 UJ	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 UJ	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.78	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	14	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	7.7	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	18	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	22 J	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.18	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 UJ	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	17	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	37 J	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	62 J	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-01-2	23788-002	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	70	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	10	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	6.8	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	11	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	8.3	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.12	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	7.5	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	31	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	44	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-05-0	23788-003	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	200	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	3.8	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	40	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	9.6	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	63	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	260	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.15	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 U	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	1.3	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	37	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	350	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-06-0	23788-005	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	2.6	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	220	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	7.1	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	66	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	8.1	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	100	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	510	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.38	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	2.0	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	22	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	3.5	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	29	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	670	mg/kg	08/28/18	08/29/18	--	1

KDL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-07-0	23788-006	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	2.2 J	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.59	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	14	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	7.0	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	18	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	20	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.21	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	1.0 J	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	39	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	59	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-02-0	23788-009	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	140	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.74	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	6.9	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	26	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	100	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.15	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	35	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	130	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-02-2	23788-010	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	31	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	7.9	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	4.0	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	7.1	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.12	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	5.5	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	20	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	35	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-08-0	23788-011	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	120	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.64	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	6.9	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	24	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	96	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.18	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	13	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	35	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	120	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-03-0	23788-012	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	120	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.54	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	14	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	9.1	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	19	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	23	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	<0.10 U	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 U	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	41	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	76	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-03-2	23788-013	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	57	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	7.3	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	5.0	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	15	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	60	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.12	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	6.5	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	25	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	80	mg/kg	08/28/18	08/29/18	--	1

KA 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-04-0	23788-014	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	10	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	5.6	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	18	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	58	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.59	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 U	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	9.8	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	26	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	98	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-04-2	23788-015	8/23/2018	8/23/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Arsenic	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Barium	6010B	91	mg/kg	08/28/18	08/29/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Cadmium	6010B	0.58	mg/kg	08/28/18	08/29/18	--	1
Chromium	6010B	10	mg/kg	08/28/18	08/29/18	--	1
Cobalt	6010B	5.7	mg/kg	08/28/18	08/29/18	--	1
Copper	6010B	23	mg/kg	08/28/18	08/29/18	--	1
Lead	6010B	110	mg/kg	08/28/18	08/29/18	--	1
Mercury	7471A	0.18	mg/kg	08/24/18	08/28/18	--	1
Molybdenum	6010B	<1.0 U	mg/kg	08/28/18	08/29/18	--	1
Nickel	6010B	8.8	mg/kg	08/28/18	08/29/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/28/18	08/29/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/28/18	08/29/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/28/18	08/29/18	--	1
Vanadium	6010B	28	mg/kg	08/28/18	08/29/18	--	1
Zinc	6010B	98	mg/kg	08/28/18	08/29/18	--	1

KAL 10/3/18

LINCOLN HEIGHTS JAIL SITE
DATA VALIDATION REPORT

Date: October 4, 2018
Laboratory: Orange Coast Analytical, Inc., Tustin, CA
Laboratory Job Number: WST 23788A
Data Validation Performed By: Kelly Luck, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)
Weston Work Order #: 20409.012.006.0113.00

This data validation report has been prepared by WESTON START under the START IV U.S. Environmental Protection Agency (EPA) Region 9 contract. This report documents the data validation for 2 soil samples collected for the Lincoln Heights Jail Site that were analyzed for the following parameters and EPA methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Lead by SW-846 Methods 1311/6010B
- Soluble Threshold Limit Concentration (STLC) Chromium and Lead by SW-846 Method 6010B

A level II data package was received from Orange Coast Analytical, Inc., Tustin, CA. The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review" dated January 2017. The Attachment contains the results summary sheets with any hand-written qualifiers applied during data validation.

TCLP LEAD by SW-846 METHODS 1311/6010B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-05-0	23788-003	Soil	8/22/2018	10/2/2018	10/3/2018
SS-06-0	23788-005	Soil	8/22/2018	10/2/2018	10/3/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the TCLP lead analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days.

3. Blank Results

A method blank was analyzed with the sample set and was free of target compound contamination above the reporting limit (RL).

4. Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) Results

An LCS/LCSD pair was analyzed with the sample set, and recoveries and relative percent differences (RPDs) were within the QC limits.

5. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

A sample outside the sample set was used for MS/MSD analyses.

6. Field Duplicate Results

The sample set did not include a field duplicate pair.

7. Overall Assessment

The TCLP lead data are acceptable for use as qualified based on the information received.

STLC CHROMIUM AND LEAD by SW-846 METHOD 6010B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SS-05-0	23788-003	Soil	8/22/2018	10/2/2018	10/3/2018
SS-06-0	23788-005	Soil	8/22/2018	10/2/2018	10/3/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the STLC metals analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days.

3. Blank Results

A method blank was analyzed with the sample set and was free of target compound contamination above the RLs.

4. LCS and LCSD Results

An LCS/LCSD pair was analyzed with the sample set, and recoveries and RPDs were within the QC limits.

5. MS and MSD Results

A sample outside the sample set was used for MS/MSD analyses.

6. Field Duplicate Results

The sample set did not include a field duplicate pair.

7. Overall Assessment

The STLC metals data are acceptable for use as qualified based on the information received.

ATTACHMENT

ORANGE COAST ANALYTICAL
RESULTS SUMMARY

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23788A
Project Name: Lincoln Heights Jail Site
Project #: 1027333.02

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS-05-0	23788-003	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
TCLP Lead	6010B	0.10	mg/l	10/02/18	10/03/18	--	1

SS-06-0	23788-005	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
TCLP Lead	6010B	0.12	mg/l	10/02/18	10/03/18	--	1

Method Blank	Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBIR1002181	TCLP Lead	6010B	<0.080	mg/l	10/02/18	10/03/18	--	1

SS-05-0	23788-003	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
STLC Lead	6010B	4.8	mg/L	10/02/18	10/03/18	--	1

SS-06-0	23788-005	8/23/2018	8/22/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
STLC Chromium	6010B	1.8	mg/L	10/02/18	10/03/18	--	1
STLC Lead	6010B	12	mg/L	10/02/18	10/03/18	--	1

Method Blank	Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBIR1002181	STLC Chromium	6010B	<0.050	mg/L	10/02/18	10/03/18	--	1
MBIR1002181	STLC Lead	6010B	<0.20	mg/L	10/02/18	10/03/18	--	1

LINCOLN HEIGHTS JAIL SITE
DATA VALIDATION REPORT

Date: October 3, 2018
Laboratory: Orange Coast Analytical, Inc., Tustin, CA
Laboratory Job Number: WST 23804
Data Validation Performed By: Kelly Luck, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)
Weston Work Order #: 20409.012.006.0113.00

This data validation report has been prepared by WESTON START under the START IV U.S. Environmental Protection Agency (EPA) Region 9 contract. This report documents the data validation for 15 soil samples and 1 water sample collected for the Lincoln Heights Jail Site that were analyzed for the following parameters and EPA methods:

- Volatile Organic Compounds (VOCs) by SW-846 Method 8260B
- Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO) and Motor Oil Range Organics (MRO) by SW-846 Method 8015B
- TPH as Gasoline Range Organics (GRO) by SW-846 Method 8015B
- California Administrative Manual (CAM) 17 Metals by SW-846 Method 6010B/7470A/7471A

A level II data package was received from Orange Coast Analytical, Inc., Tustin, CA. The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated January 2017 and the EPA "Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review" dated January 2017. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs by SW-846 METHOD 8260B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SB-01-05	23804-001	Soil	8/27/2018	8/27/2018	8/29/2018
SB-01-10	23804-002	Soil	8/27/2018	8/27/2018	8/29/2018
SB-01-15	23804-003	Soil	8/27/2018	8/27/2018	8/29/2018
SB-02-05	23804-004	Soil	8/27/2018	8/27/2018	8/29/2018
SB-02-10	23804-005	Soil	8/27/2018	8/27/2018	8/29/2018
SB-03-05	23804-006	Soil	8/27/2018	8/27/2018	8/30/2018
SB-03-10	23804-007	Soil	8/27/2018	8/27/2018	8/30/2018
SB-03-15	23804-008	Soil	8/27/2018	8/27/2018	8/30/2018
SB-04-05	23804-009	Soil	8/27/2018	8/27/2018	8/30/2018
SB-04-10	23804-010	Soil	8/28/2018	8/28/2018	8/30/2018
SB-07-05	23804-011	Soil	8/27/2018	8/27/2018	8/30/2018

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SB-07-15	23804-012	Soil	8/27/2018	8/27/2018	8/30/2018
SB-06-05	23804-013	Soil	8/28/2018	8/28/2018	8/30/2018
SB-06-10	23804-014	Soil	8/28/2018	8/28/2018	8/30/2018
Equipment Blank	23804-015	Water	8/28/2018	9/1/2018	9/1/2018
Drum	23804-016	Soil	8/28/2018	8/28/2018	8/29/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the VOCs analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC and analyzed within the required holding time limit of 7 days from sample collection.

3. Blanks

Method blanks were analyzed with the VOC sample group and were free of target compound contamination above the reporting limits (RLs). In addition, the Equipment Blank was free of target compound contamination above the RLs.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) Results

Two LCS/LCSD pairs were analyzed with the soil sample set and one LCS/LCSD pair was analyzed with the water sample set. The recoveries and relative percent differences (RPDs) were within laboratory-established QC limits.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

Sample SB-06-05 was used for MS/MSD analyses for soil samples and the Equipment Blank was used for MS/MSD analyses for water samples. The recoveries were within QC limits with the exception of trichloroethene in the Equipment Blank MSD (134%). RPDs were within laboratory-established QC limits. No qualification of data is necessary as the MSD recovery was high and the affected analyte was not detected in the Equipment Blank sample.

7. Field Duplicate Results

The sample set included two field duplicate pairs: SB-01-15 and SB-07-15; and SB-04-05 and SB-07-05. RPDs could not be evaluated as no target analytes were detected in any of the samples.

8. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

The VOC data are acceptable for use based on the information received.

TPH AS DRO and MRO by SW-846 METHOD 8015B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SB-01-05	23804-001	Soil	8/27/2018	9/6/2018	9/8/2018
SB-01-10	23804-002	Soil	8/27/2018	9/6/2018	9/8/2018
SB-01-15	23804-003	Soil	8/27/2018	9/6/2018	9/8/2018
SB-02-05	23804-004	Soil	8/27/2018	9/6/2018	9/8/2018
SB-02-10	23804-005	Soil	8/27/2018	9/6/2018	9/8/2018
SB-03-05	23804-006	Soil	8/27/2018	9/6/2018	9/8/2018
SB-03-10	23804-007	Soil	8/27/2018	9/6/2018	9/8/2018
SB-03-15	23804-008	Soil	8/27/2018	9/6/2018	9/8/2018
SB-04-05	23804-009	Soil	8/27/2018	9/6/2018	9/8/2018
SB-04-10	23804-010	Soil	8/28/2018	9/6/2018	9/8/2018
SB-07-05	23804-011	Soil	8/27/2018	9/6/2018	9/8/2018, 9/9/2018
SB-07-15	23804-012	Soil	8/27/2018	9/6/2018	9/8/2018, 9/9/2018
SB-06-05	23804-013	Soil	8/28/2018	9/6/2018	9/8/2018
SB-06-10	23804-014	Soil	8/28/2018	9/6/2018	9/10/2018
Drum	23804-016	Soil	8/28/2018	9/6/2018	9/10/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the TPH as DRO and MRO analysis, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC, and extracted and analyzed within the required holding times of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the sample group and was free of target compound contamination above the RLs.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS and LCSD Results

An LCS and LCSD pair was analyzed with the sample set. The recoveries and RPD were within laboratory-established QC limits.

6. MS and MSD Results

Sample SB-06-05 was used for MS and MSD analyses. The recoveries and RPD were within laboratory-established QC limits.

7. Field Duplicate Results

The sample set included two field duplicate pairs: SB-01-15 and SB-07-15; and SB-04-05 and SB-07-05. RPDs could not be evaluated as no target analytes were detected in any of the samples.

8. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

The TPH as DRO and MRO data are acceptable for use as qualified based on the information received.

TPH AS GRO by SW-846 METHOD 8015B

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SB-01-05	23804-001	Soil	8/27/2018	8/27/2018	8/31/2018
SB-01-10	23804-002	Soil	8/27/2018	8/27/2018	8/31/2018
SB-01-15	23804-003	Soil	8/27/2018	8/27/2018	8/31/2018
SB-02-05	23804-004	Soil	8/27/2018	8/27/2018	8/31/2018
SB-02-10	23804-005	Soil	8/27/2018	8/27/2018	8/31/2018
SB-03-05	23804-006	Soil	8/27/2018	8/27/2018	8/31/2018
SB-03-10	23804-007	Soil	8/27/2018	8/27/2018	8/31/2018
SB-03-15	23804-008	Soil	8/27/2018	8/27/2018	8/31/2018
SB-04-05	23804-009	Soil	8/27/2018	8/27/2018	8/31/2018
SB-04-10	23804-010	Soil	8/28/2018	8/28/2018	8/31/2018
SB-07-05	23804-011	Soil	8/27/2018	8/27/2018	8/31/2018
SB-07-15	23804-012	Soil	8/27/2018	8/27/2018	8/31/2018
SB-06-05	23804-013	Soil	8/28/2018	8/28/2018	8/31/2018
SB-06-10	23804-014	Soil	8/28/2018	8/28/2018	8/31/2018
Equipment Blank	23804-015	Water	8/28/2018	8/30/2018	8/30/2018
Drum	23804-016	Soil	8/28/2018	8/31/2018	8/31/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the TPH as GRO analysis, all analytical data package items were received from the laboratory and the analysis requested was performed.

The laboratory noted that results were quantitated against a gasoline standard.

2. Holding Times

The samples were received within the recommended temperature limit of ≤6 ºC, and were extracted and analyzed within the required holding time limit of 14 days.

3. Blanks

Method blanks were analyzed with the sample group and were free of target compound contamination above the RL. In addition, the Equipment Blank was free of target compound contamination above the RL.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits in all samples.

5. LCS and LCSD Results

LCS/LCSD pairs were analyzed with the soil and water sample sets and the recoveries and RPDs were within laboratory-established QC limits.

6. MS and MSD Results

Sample SB-06-05 was used for MS/MSD analyses for soil samples and the Equipment Blank was used for MS/MSD analyses for water samples. The recoveries and RPDs were within laboratory-established QC limits.

7. Field Duplicate Results

The sample set included two field duplicate pairs: SB-01-15 and SB-07-15; and SB-04-05 and SB-07-05. RPDs could not be evaluated as no target analytes were detected in any of the samples.

8. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

The TPH as GRO data are acceptable for use as qualified based on the information received.

CAM 17 METALS by SW-846 METHOD 6010B/7470A/7471A

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared		Date Analyzed	
				Mercury	Metals	Mercury	Metals
SB-01-05	23804-001	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-01-10	23804-002	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-01-15	23804-003	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-02-05	23804-004	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-02-10	23804-005	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-03-05	23804-006	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-03-10	23804-007	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-03-15	23804-008	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-04-05	23804-009	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-04-10	23804-010	Soil	8/28/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-07-05	23804-011	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-07-15	23804-012	Soil	8/27/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
SB-06-05	23804-013	Soil	8/28/2018	8/30/2018	8/30/2018	8/31/2018	8/31/2018

Samples	Lab ID	Matrix	Date Collected	Date Prepared		Date Analyzed	
				Mercury	Metals	Mercury	Metals
SB-06-10	23804-014	Soil	8/28/2018	8/30/2018	8/30/2018	9/5/2018	9/4/2018
Equipment Blank	23804-015	Water	8/28/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018
Drum	23804-016	Soil	8/28/2018	8/30/2018	8/30/2018	9/5/2018	8/31/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the metals analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were analyzed within the required holding time limits: 28 days for mercury and 180 days for all other metals.

3. Blank Results

Method blanks were analyzed with the metal and mercury sample groups and were free of target compound contamination above the RLs. In addition, the Equipment Blank was free of target compound contamination above the RLs.

4. LCS and LCSD Results

LCS/LCSD pairs were analyzed with the sample sets. The recoveries and RPDs were within the laboratory-established QC limits.

5. MS and MSD Results

Sample SB-06-05 was used for MS and MSD analyses for metals and mercury in soil and the Equipment Blank was used for MS and MSD analyses for metals and mercury in water. The recoveries of all analytes were within QC limits (75-125% for metals and 80-120% for mercury) with the exception of antimony (20 and 22%) in the SB-06-05 MS/MSD pair.

All RPDs were within QC limits (≤20%), with the exception of lead (35%) in the SB-06-05 MS/MSD pair.

The results for antimony and lead in sample SB-06-05 were qualified as estimated (J for detects and UJ for nondetects).

MS/MSD recoveries were outside the 75-125% criteria for barium, lead, and zinc in the SB-06-05 MS/MSD pair. However, the concentration of this analyte in the unspiked sample was greater

than four times the amount of the spiked concentration; therefore, no action was required for recovery outside QC limits.

6. Field Duplicate Results

The sample set included two field duplicate pairs: SB-01-15 and SB-07-15; and SB-04-05 and SB-07-05. The RPDs were within control limits (control limits: RPD ≤50% for results >5xRL; and absolute difference less than the RL for results ≤5xRL) for all metals in the sample pairs, with the following exceptions:

- for sample pair SB-01-15 and SB-07-15, mercury (200%);
- for sample pair SB-04-05 and SB-07-05, copper (200%).

The results for mercury in samples SB-01-15 and SB-07-15 and for copper in samples SB-04-05 and SB-07-05 were qualified as estimated (J for detects and UJ for nondetects).

7. Overall Assessment

In addition to the qualifiers discussed above, the data validator applied "U" qualifiers to sample results reported by the laboratory as below the RL.

The metals data are acceptable for use as qualified based on the information received.

ATTACHMENT

ORANGE COAST ANALYTICAL
RESULTS SUMMARY WITH QUALIFIERS

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	103	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

9/18/2018

KAC 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-10	23804-002	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	100	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

9/18/2018

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	103	42-139 %
Toluene-d8:	81	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1
Data Qualifiers: None

9/18/2018

© Orange Coast Analytical, Inc

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 U	trans-1,3-Dichloropropene	10061-02-6	<2.5 U
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<25	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<25	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<25	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<25	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<25	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<25	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<25	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<25			
1,1-Dichloroethene	75-35-4	<25			
cis-1,2-Dichloroethene	156-59-2	<25			
trans-1,2-Dichloroethene	156-60-5	<25			
1,2-Dichloropropane	78-87-5	<25			
1,3-Dichloropropane	142-28-9	<25			
2,2-Dichloropropane	594-20-7	<25			
1,1-Dichloropropene	563-58-6	<25			
cis-1,3-Dichloropropene	10061-01-5	<25			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

9/18/2018

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	8/27/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	100	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

9/18/2018

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

9/18/2018

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-10	23804-007	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	106	42-139 %
Toluene-d8:	77	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

9/18/2018

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 U	trans-1,3-Dichloropropene	10061-02-6	<2.5 U
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	105	42-139 %
Toluene-d8:	80	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1
Data Qualifiers: None

© Orange Coast Analytical, Inc

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	81	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	8/28/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 u	trans-1,3-Dichloropropene	10061-02-6	<2.5 u
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	107	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	75	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	8/27/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	101	42-139 %
Toluene-d8:	79	55-130 %
4-Bromofluorobenzene:	77	55-130 %

Dilution Factor: 1
Data Qualifiers: None

KDL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	8/28/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	108	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	74	55-130 %

Dilution Factor: 1
Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	8/28/2018	8/30/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 U	trans-1,3-Dichloropropene	10061-02-6	<2.5 U
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	107	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	73	55-130 %

Dilution Factor: 1
Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	8/29/2018	8/29/2018	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10 U	trans-1,3-Dichloropropene	10061-02-6	<2.5 U
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<2.5			
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	42-139 %
Toluene-d8:	78	55-130 %
4-Bromofluorobenzene:	72	55-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Equipment Blank	23804-015	8/29/2018	8/28/2018	9/1/2018	9/1/2018	Water

ANALYTE	CAS #	µg/L	ANALYTE	CAS #	µg/L
t-Amyl methyl ether (TAME)	994-05-8	<1.0	trans-1,3-Dichloropropene	10061-02-6	<0.50
Benzene	71-43-2	<0.50	Diisopropyl ether (DIPE)	108-20-3	<1.0
Bromobenzene	108-86-1	<0.50	Ethyl t-butyl ether (ETBE)	637-92-3	<1.0
Bromochloromethane	74-97-5	<0.50	Ethylbenzene	100-41-4	<0.50
Bromodichloromethane	75-27-4	<1.0	Hexachlorobutadiene	87-68-3	<0.50
Bromoform	75-25-2	<0.50	Isopropylbenzene	98-82-8	<0.50
Bromomethane	74-83-9	<5.0	4-Isopropyltoluene	99-87-6	<0.50
tert-Butyl alcohol (TBA)	75-65-0	<10	Methyl t-butyl ether (MTBE)	1634-04-4	<1.0
n-Butylbenzene	104-51-8	<0.50	Methylene chloride	75-09-2	<5.0
sec-Butylbenzene	135-98-8	<0.50	Naphthalene	91-20-3	<0.50
tert-Butylbenzene	98-06-6	<0.50	n-Propylbenzene	103-65-1	<0.50
Carbon tetrachloride	56-23-5	<0.50	Styrene	100-42-5	<0.50
Chlorobenzene	108-90-7	<0.50	1,1,1,2-Tetrachloroethane	630-20-6	<0.50
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<0.50
Chloroform	67-66-3	<0.50	Tetrachloroethene	127-18-4	<0.50
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<0.50
2-Chlorotoluene	95-49-8	<0.50	1,2,3-Trichlorobenzene	87-61-6	<0.50
4-Chlorotoluene	106-43-4	<0.50	1,2,4-Trichlorobenzene	120-82-1	<0.50
Dibromochloromethane	124-48-1	<0.50	1,1,1-Trichloroethane	71-55-6	<0.50
1,2-Dibromo-3-chloropropane	96-12-8	<2.0	1,1,2-Trichloroethane	79-00-5	<0.50
1,2-Dibromoethane	106-93-4	<0.50	Trichloroethene	79-01-6	<0.50
Dibromomethane	74-95-3	<0.50	Trichlorofluoromethane	75-69-4	<2.0
1,2-Dichlorobenzene	95-50-1	<0.50	1,2,3-Trichloropropane	96-18-4	<0.50
1,3-Dichlorobenzene	541-73-1	<0.50	1,2,4-Trimethylbenzene	95-63-6	<0.50
1,4-Dichlorobenzene	106-46-7	<0.50	1,3,5-Trimethylbenzene	108-67-8	<0.50
Dichlorodifluoromethane	75-71-8	<2.0	Vinyl Chloride	75-01-4	<0.50
1,1-Dichloroethane	75-34-3	<0.50	Xylenes, Total	1330-20-7	<2.0
1,2-Dichloroethane	107-06-2	<0.50			
1,1-Dichloroethene	75-35-4	<0.50			
cis-1,2-Dichloroethene	156-59-2	<0.50			
trans-1,2-Dichloroethene	156-60-5	<0.50			
1,2-Dichloropropane	78-87-5	<10			
1,3-Dichloropropane	142-28-9	<0.50			
2,2-Dichloropropane	594-20-7	<0.50			
1,1-Dichloropropene	563-58-6	<0.50			
cis-1,3-Dichloropropene	10061-01-5	<0.50			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	104	58-136 %
Toluene-d8:	88	54-130 %
4-Bromofluorobenzene:	72	52-130 %

Dilution Factor: 1

Data Qualifiers: None

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 U	Octacosane	94

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-01-05	23804-001	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 U	Octacosane	94

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-01-10	23804-002	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 U	Octacosane	63

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-01-10	23804-002	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 U	Octacosane	63

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-01-15	23804-003	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 U	Octacosane	75

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

© Orange Coast Analytical, Inc

9/18/2018

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 U	Octacosane	75

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 U	Octacosane	75

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 U	Octacosane	75

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 U	Octacosane	49

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 U	Octacosane	49

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	64

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-03-05	23804-006	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	64

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-03-10	23804-007	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	85

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-03-10	23804-007	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	85

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-03-15	23804-008	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	80

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

KDL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	80

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-04-05	23804-009	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	76

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-04-05	23804-009	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	76

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-04-10	23804-010	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	68

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-04-10	23804-010	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	68

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Diesel Range Organics - DROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	9/6/2018	9/9/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	82

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-07-05	23804-011	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	82

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-07-15	23804-012	8/29/2018	8/27/2018	9/6/2018	9/9/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	69

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-07-15	23804-012	8/29/2018	8/27/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 u	Octacosane	69

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

SB-06-05	23804-013	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 u	Octacosane	79

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

© Orange Coast Analytical, Inc

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	9/6/2018	9/8/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 U	Octacosane	79

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10 U	Octacosane	63

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<30 U	Octacosane	63

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	120	Octacosane	89

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	9/6/2018	9/10/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	450	Octacosane	89

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-159 %

© Orange Coast Analytical, Inc

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	73

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-10	23804-002	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	73

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	72

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	70

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 u	α-α-α-Trifluorotoluene	69

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	70

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-10	23804-007	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	71

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	71

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	8/28/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	76

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	66

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	8/27/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	8/28/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	84

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	8/28/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Drum	23804-016	8/29/2018	8/28/2018	8/31/2018	8/31/2018	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20 U	α-α-α-Trifluorotoluene	66

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 49-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Equipment Blank	23804-015	8/29/2018	8/28/2018	8/30/2018	8/30/2018	Water

ANALYTE	µg/L	Surrogate:	% RC*
GROs[1]	<50 U	α-α-α-Trifluorotoluene	73

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 37-130 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBTS0830181			8/30/2018	8/30/2018	Water

ANALYTE	µg/L	Surrogate:	% RC*
GROs[1]	<50	α-α-α-Trifluorotoluene	74

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 37-130 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-01-05	23804-001	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	50	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.4	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.8	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	6.6	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.7	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	5.1	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	24	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	27	mg/kg	08/30/18	08/31/18	--	1

KAC 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-01-10	23804-002	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 U	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 U	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	60	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.66	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	9.7	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.1	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	8.7	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.1	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 U	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	1.9	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	13	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	25	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	28	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-01-15	23804-003	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 U	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	10	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	74	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.66	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.3	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	6.5	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	13	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.9	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	0.14 J	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	3.9	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	16	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	24	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	33	mg/kg	08/30/18	08/31/18	--	1

KDL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-02-05	23804-004	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	43	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	4.6	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	4.2	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	<5.0 u	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.5	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	3.2	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	17	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	18	mg/kg	08/30/18	08/31/18	--	1

KJL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-02-10	23804-005	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	7.1	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	63	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	0.62	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.78	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	23	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	13	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	27	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	6.5	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	2.3	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	22	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	51	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	65	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-03-05	23804-006	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	45	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	1.9	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.7	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	15	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.7	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	2.2	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	20	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	36	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-03-10	23804-007	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	55	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	9.9	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	6.6	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	8.0	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.6	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	5.3	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	38	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	31	mg/kg	08/30/18	08/31/18	--	1

KDL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-03-15	23804-008	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	2.4	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	29	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	4.5	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	3.1	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	<5.0 u	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.8	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	2.7	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	15	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	18	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-04-05	23804-009	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	30	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.2	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	4.2	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	5.4 J	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.8	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	3.3	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	32	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	19	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-04-10	23804-010	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	73	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	14	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	8.4	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	9.6	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.6	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	1.8	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	12	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	30	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	35	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-07-05	23804-011	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	28	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	4.5	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	3.2	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	<5.0 uJ	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	1.6	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	2.2	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	19	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	15	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-07-15	23804-012	8/29/2018	8/27/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	9.5	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	62	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.61	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	8.2	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.3	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	12	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.5	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 uJ	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	3.6	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	14	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	25	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	29	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-06-05	23804-013	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 UJ	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 U	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	86	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 U	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	0.51	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	7.6	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.9	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	9.6	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	85 J	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	0.12	mg/kg	08/30/18	08/31/18	--	1
Molybdenum	6010B	<1.0 U	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	6.0	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 U	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 U	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 U	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	28	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	150	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SB-06-10	23804-014	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	50	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	9.1	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	6.5	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	7.9	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	2.3	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	9.4	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	21	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	31	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Drum	23804-016	8/29/2018	8/28/2018	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Arsenic	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Barium	6010B	62	mg/kg	08/30/18	08/31/18	--	1
Beryllium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Cadmium	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Chromium	6010B	8.7	mg/kg	08/30/18	08/31/18	--	1
Cobalt	6010B	5.9	mg/kg	08/30/18	08/31/18	--	1
Copper	6010B	10	mg/kg	08/30/18	08/31/18	--	1
Lead	6010B	11	mg/kg	08/30/18	08/31/18	--	1
Mercury	7471A	<0.10 u	mg/kg	08/30/18	09/05/18	--	1
Molybdenum	6010B	<1.0 u	mg/kg	08/30/18	08/31/18	--	1
Nickel	6010B	7.7	mg/kg	08/30/18	08/31/18	--	1
Selenium	6010B	<4.8 u	mg/kg	08/30/18	08/31/18	--	1
Silver	6010B	<0.50 u	mg/kg	08/30/18	08/31/18	--	1
Thallium	6010B	<2.0 u	mg/kg	08/30/18	08/31/18	--	1
Vanadium	6010B	29	mg/kg	08/30/18	08/31/18	--	1
Zinc	6010B	39	mg/kg	08/30/18	08/31/18	--	1

KAL 10/3/18

Mr. Brian Milton
Weston Solutions, Inc.
5881 Obispo Ave 101
Long Beach, CA, 90805

Lab Reference #: WST 23804
Project Name: Lincoln Heights TBA
Project #: 20409.0113

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Equipment Blank	23804-015	8/29/2018	8/28/2018	Water

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<0.10 u	mg/L	08/30/18	09/04/18	--	1
Arsenic	6010B	<0.040	mg/L	08/30/18	09/04/18	--	1
Barium	6010B	<0.020	mg/L	08/30/18	09/04/18	--	1
Beryllium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Cadmium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Chromium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Cobalt	6010B	<0.050	mg/L	08/30/18	09/04/18	--	1
Copper	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
Lead	6010B	<0.040	mg/L	08/30/18	09/04/18	--	1
Mercury	7470A	<0.0010	mg/L	09/04/18	09/05/18	--	1
Molybdenum	6010B	<0.050	mg/L	08/30/18	09/04/18	--	1
Nickel	6010B	<0.020	mg/L	08/30/18	09/04/18	--	1
Selenium	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
Silver	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Thallium	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1
Vanadium	6010B	<0.010	mg/L	08/30/18	09/04/18	--	1
Zinc	6010B	<0.10	mg/L	08/30/18	09/04/18	--	1

KAL 10/3/18

LINCOLN HEIGHTS JAIL SITE
DATA VALIDATION REPORT

Date: October 4, 2018
Laboratory: SGS Galson, East Syracuse, NY; Wisconsin Occupational Health Laboratory, Madison, WI
Laboratory Job Number: L454326 (WST 23893)
Data Validation Performed By: Kelly Luck, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)
Weston Work Order #: 20409.012.006.0113.00

This data validation report has been prepared by WESTON START under the START IV U.S. Environmental Protection Agency (EPA) Region 9 contract. This report documents the data validation for 6 indoor air samples collected for the Lincoln Heights Jail Site that were analyzed for the following parameters and Occupational Safety and Health Administration (OSHA) methods:

- Methyl Bromide by OSHA Method PV2040
- Chloropicrin by OSHA Method PV2103

A level II data package was received from Orange Coast Analytical, Inc., Tustin, CA containing data for methyl bromide collected at SGS Galson, East Syracuse, NY, and data for chloropicrin collected at Wisconsin Occupational Health Laboratory, Madison, WI. The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated January 2017. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

Each sample was collected by drawing air through two sorbent tubes (A and B) connected in series which were separated after sampling, and then analyzed separately before reporting total results for the sample.

METHYL BROMIDE by OSHA METHOD PV2040

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
MB 1A/B	L454326-1	Indoor air	8/23/2018	8/29/2018-8/30/2018
MB 2A/B	L454326-2	Indoor air	8/23/2018	8/29/2018-8/30/2018
MB-BLANK A/B	L454326-3	Indoor air	8/23/2018	8/29/2018-8/30/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated

Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the methyl bromide analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

The samples were received refrigerated and analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

The blank collected with the samples, MB-BLANK A/B, was free of target compound contamination above the reporting limit (RL).

4. Field Duplicate Results

The sample set included one field duplicate pair: MB 1A/B and MB 2A/B. Relative percent differences (RPDs) could not be calculated as no methyl bromide was detected in either sample.

5. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as not detected (ND).

The methyl bromide data are acceptable for use based on the information received.

CHLOROPICRIN by OSHA METHOD PV2103

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
C-1 A/B	404018001	Indoor air	8/23/2018	9/7/2018
C-2 A/B	404018002	Indoor air	8/24/2018	9/7/2018
C-B1/B2	404018003	Indoor air	8/24/2018	9/7/2018

1. Data Verification Check

A data verification and completeness check was performed in accordance with the Stage 1 and 2A verification checks outlined in the EPA "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use" dated January 13, 2009. For the chloropicrin analyses, all analytical data package items were received from the laboratory and the analysis requested was performed.

2. Holding Times

There are no holding time requirements for chloropicrin analyses using OSHA Method PV2103. Samples were analyzed within 14-15 days of collection

3. Blanks

The blank collected with the samples, C-B1/B2, was free of target compound contamination above the RL.

4. Field Duplicate Results

The sample set did not include a field duplicate pair.

5. Overall Assessment

The data validator applied "U" qualifiers to sample results reported by the laboratory as not detected (ND).

The chloropicrin data are acceptable for use based on the information received.

ATTACHMENT

SGS GALSON
WISCONSIN OCCUPATIONAL HEALTH LABORATORY
RESULTS SUMMARY WITH QUALIFIERS

LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Orange Coast Analytical, Inc.
Site : Lincoln Heights Jail

Date Sampled : 23-AUG-18
Date Received : 28-AUG-18

Account No.: 34353
Login No. : L454326

Date Analyzed : 29-AUG-18 - 30-AUG-18
Report ID : 1087073

Methyl Bromide

Sample ID	Lab ID	Front1 ug	Back1 ug	Front2 ug	Back2 ug	Total ug	Conc mg/m3	ppm
MB 1A/B	L454326-1	<5	<5	<5	<5	<5	<1 u	<0.4 u
MB 2A/B	L454326-2	<5	<5	<5	<5	<5	<1 u	<0.4 u
MB-BLANK A/B	L454326-3	<5	<5	<5	<5	<5	NA	NA

KA 10/4/18

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 5 ug
Analytical Method : mod. OSHA PV2040; GC/FID
Collection Media : 226-83 x2

Submitted by: JCN
Date : 04-SEP-18
Supervisor : KAG

Approved by: MLN
NYS DOH # : 11626
QC by : KSB

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms NA -Not Applicable ND -Not Detected
> -Greater Than ug -Micrograms l -Liters NS -Not Specified ppm -Parts per Million

Wisconsin Occupational Health Laboratory
WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN-MADISON

2601 Agriculture Drive
Madison, WI 53718
Phone: (800) 446-0403
Fax: (608) 224-6213
Web: www.wohl-lab.org

Final Report

Lab ID: **404018001** Sample ID: **C-1 A/B** Media: **XAD-4, Two tubes in series**
Sampling Date: **8/23/2018** Matrix: **Air** Sampled Time:

The Chloropicrin results for this sample is <2.6 ug/m3 +/- <0.26 ug/m3 calculated at the 95% confidence interval (coverage factor k=2) with a negative bias of 0.28 ug/m3.

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	RESULT Air Concentration		TWA
Chloropicrin	OSHA PV2103	9/7/2018	3.82 L	10 ng	<10 ng	<10 ng	<10 ng	<2.6 ug/m3 u	< PPB	

Lab ID: **404018002** Sample ID: **C-2 A/B** Media: **XAD-4, Two tubes in series**
Sampling Date: **8/24/2018** Matrix: **Air** Sampled Time:

The Chloropicrin results for this sample is <2.7 ug/m3 +/- <0.27 ug/m3 calculated at the 95% confidence interval (coverage factor k=2) with a negative bias of 0.29 ug/m3.

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	RESULT Air Concentration		TWA
Chloropicrin	OSHA PV2103	9/7/2018	3.77 L	10 ng	<10 ng	<10 ng	<10 ng	<2.7 ug/m3 u	< PPB	

Lab ID: **404018003** Sample ID: **C-B1/B2** Media: **XAD-4, Two tubes in series**
Sampling Date: **8/24/2018** Matrix: **Air** Sampled Time:

The Chloropicrin results for this sample is <10 ng +/- <1.0 ng calculated at the 95% confidence interval (coverage factor k=2) with a negative bias of 1.1 ng.

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	RESULT Air Concentration		TWA
Chloropicrin	OSHA PV2103	9/7/2018		10 ng	<10 ng	<10 ng	<10 ng	n/a	n/a	

KAR 10/4/18