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By Alameda County Environmental Health 8:42 am, Mar 15, 2017

March 3, 2017

City Ventures

Mr. Keith Nowell
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re:
Remedial Excavation Report
City Ventures Oakland 2 Site
2240 Filbert Street, Oakland
ACEH Site RO#0003157
Stantec PN: 185703027

Dear Mr. Nowell:

Enclosed with this cover letter is the Remedial Excavation Report for the above-referenced City Ventures Oakland 2 location.

As an authorized representative of City Ventures, I offer the following statement:

I, Andrew Warner, declare, under penalty of perjury, that the information and/or recommendations contained in the enclosed Report are true and correct to the best of my knowledge.

Should you have any questions please contact me at (415) 845-0293 or andrew@cityventures.com.

Thank you,

Andrew Warner
Director Development
City Ventures

Remedial Excavation Report

Market Street Block Parcels
2240 Filbert Street
Oakland, California
Stantec PN: 185703027

Prepared for:
City Ventures
444 Spear Street, Suite 200
San Francisco, California

Prepared by:
Stantec Consulting Services Inc.
1340 Treat Boulevard
Suite 300
Walnut Creek, California 94597

February 3, 2017

Limitations and Certifications

This report was prepared in accordance with the scope of work outlined in Stantec's Master Services Agreement with City Ventures and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of City Ventures for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by:

Tony Giglini
Associate Scientist

Reviewed by:

Angus E. McGrath, Ph.D.
Principal Geochemist

Information, conclusions, and recommendations provided by Stantec in this document have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Licensed Approver:

Dan Schreiner, PG
Senior Geologist
CA P.G. #7646

Table of Contents

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LIST OF APPENDICES

Abbreviations and Acronyms

ACEH	Alameda County Environmental Health
APN	Assessor Parcel Number
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CV	City Ventures
ESL	Environmental Screening Level
Gribi	Gribi Associates
i.e.,	id est, meaning "that is" (Latin)
IRAP	Interim Remedial Action Plan
mg/L	milligrams per liter
mg/kg	milligrams per kilogram
MTBE	methyl tertiary-butyl ether
NFA	No Further Action
RWQCB	Regional Water Quality Control Board
Stantec	Stantec Consulting Services Inc.
SWRCB	State Water Resources Control Board
TPHd	total petroleum hydrocarbons as diesel
TPHg	total petroleum hydrocarbons as gasoline
TPHms	total petroleum hydrocarbons as mineral spirits
TPHog	total petroleum hydrocarbons as oil and grease
µg/L	micrograms per liter
U.S. EPA	United States Environmental Protection Agency
VOC	volatile organic compound

1.0 INTRODUCTION / EXECUTIVE SUMMARY

This Remedial Excavation Report (Report) was prepared by Stantec Consulting Services Inc. (Stantec), for the City Ventures (CV) project located at 2240 Filbert Street in Oakland, California (the "Site", **Figure 1**). The purpose of the remedial excavation was to clean up lead-impacted soil at the Site, specifically the Market Street Block, in order to obtain No Further Action status from the overseeing regulatory agency, Alameda County Environmental Health (ACEH), so that residential development of the Site may proceed (*see* **Figure 2**).

During previous Phase I and Phase II investigations related to evaluating the Site's viability for residential redevelopment, lead was discovered at concentrations that could potentially pose a risk to future occupants on the Market Street Block portion of the Site (**Table 1**). As described in this report, the lead-impacted soil on the Market Street Block was addressed through limited source area excavation, in accordance with the Stantec Interim Remedial Action Plan (IRAP) dated November 23, 2015 and approved by ACEH in correspondence between the ACEH and CV dated April 18, 2016.

Accordingly, based on the information presented in this report, CV hereby requests that ACEH confirm that no further action or investigation is necessary in regard to the environmental condition of the Market Street Block in light of the pending residential redevelopment.

This report provides the Site background, a summary of site investigations, a discussion of the area that was remediated, and recommendations regarding no further remedial action for the Site (Market Street Block).

1.1 PURPOSE

City Ventures is in the process of redeveloping the Site with multi-unit residential housing and is seeking to confirm that no further environmental assessment or remedial action is required prior to commencing the residential development. Two areas of the Market Street Block – the western portion (centered around boring B-7) and the northwest corner (centered around boring B-1) – had previously contained elevated lead levels in shallow soil. To address this issue, CV elected to remediate the lead-impacted soil to concentrations consistent with residential cleanup levels and conducted discrete confirmation sampling in accordance with a request from ACEH which differed from the approved IRAP.

1.2 SCREENING LEVELS

The analytical results of the current investigation (**Table 2**) were compared to the applicable environmental screening level (ESL) for lead in soil. The previous investigations indicated no other constituents of concern in soil at concentrations exceeding applicable ESLs.

1.2.1 Soil Screening Levels

San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 direct contact residential ESL for lead in soil (RWQCB, 2016) was used as the target cleanup level. ESLs are conservative long-term screening levels that correspond to an acceptable risk level (i.e., cancer risk of one-in-one million or 1×10^{-6}; non-cancer hazard quotient of 1.0) and are considered to provide long-term protection of human health and the environment.

The comparison of detected concentrations to an ESL of 80 milligrams per kilogram (mg/kg) for lead was conducted to determine where remediation efforts were necessary for the Site to achieve no further action status and be cleared for residential redevelopment. ACEH previously approved the use of the ESL for screening of lead impacts at the Site.

Concentrations of lead below their respective ESL (80 mg/kg) can be considered to pose no significant risk. Concentrations of lead above their respective ESL do not necessarily indicate a risk is present, but rather suggest that further evaluation may be warranted. This report documents the removal of soil in areas where previous shallow soil sampling indicated lead at concentrations above 80 mg/kg.

2.0 BACKGROUND

2.1 SITE NAME AND LOCATION

The Site is comprised of multiple parcels located between West Grand Avenue, 24th Street, Filbert Street, and Market Street in the City of Oakland, County of Alameda, California (**Figures 1 and 2**). For purposes of this report, the area of the former parking lot property, located between Myrtle Street and Market Street, will be referred to as the "Market Street Block". References to the "Site" in this report refer only to the Market Street Block.

The APNs for the Market Street Block consist of the following:

- Myrtle Street addresses: 005-431-024, 005-431-025, 005-431-026, 005-431-027, and 005-431-028
- Market Street addresses: 005-431-015-03, 005-431-011 and 005-431-012

2.2 FORMER PROPERTY USE

The Market Street property was historically used for residential housing and more recently as a parking lot for the former Safeway Ice Cream Plant located across Myrtle Street, with no significant industrial or commercial use since at least the early 1900's (Gribi 2005).

2.3 CURRENT PROPERTY USE

There are currently no structures on the Site, which is not being used. Most of the Site is covered with asphalt from the former use as a parking lot. The Site is secured by a chain-link fence around the perimeter of the property and a locked gate.

2.4 PROPOSED PROPERTY USE

City Ventures has proposed to develop the Site with a mixed–use residential and commercial development. The development plan is illustrated on **Figure 2**.

The proposed residential development has been designed with a parking garage on the ground floor and with the primary living areas on the second and third floors. None of the units in the Market Street block have living areas on the ground floor (as shown on **Figure 2**). Commercial spaces will also be present at the Site, and will be located on the ground floor along Market Street.

2.5 SITE TOPOGRAPHY

The Site is at an elevation of approximately 16 feet above mean sea level and the regional topographic gradient is to the general west/northwest. The site is relatively flat, with the current grade at approximately the same elevation as the bordering streets.

2.6 SITE VICINITY

The Site is located in a mixed use light industrial and residential area of West Oakland. The Site is bounded to the north by residential units and 24th Street followed by light industrial structures, residential, churches, and commercial buildings; to the east by Market Street, auto body shops, and a restaurant beyond which are light industrial buildings (La Bonne Cuisine Catering and Anderson Carpet and Linoleum) and residences; to the west by Myrtle Street beyond which is the West Grand Block Parcels (also planned for similar redevelopment by CV); and to the south by West Grand Avenue followed by a vacant light industrial building, residences, and a multi-tenant commercial structure.

2.7 GEOLOGY AND HYDROGEOLOGY

Subsurface conditions beneath the Site consist of coarse gravel fill to a depth of one foot below ground surface (bgs); dense clay between approximately 1 and 9 feet bgs; well graded sand with gravel and clay between approximately 9 and 13 feet bgs; and clay between approximately 13 and 19 feet bgs (IT, 1996a). The depth-to-groundwater is approximately 9 to 11 feet bgs (IT, 1996b).

3.0 SOIL REMEDIATION ACTIVITIES

This section presents the soil remediation activities completed by Stantec from June 3, 2016 through August 15, 2016.

3.1 RATIONALE AND PROPOSED ACTION

Based on a comparison of historical soil data to the screening criteria (**Table 1**), excavation of elevated concentrations of lead-affected soil in the Market Street Block was proposed in the approved IRAP as the appropriate remedial measure. **Figure 3** presents the historical sample locations and sample results in the Market Street Block, including the original locations where total lead exceeded the regulatory benchmark of 80 mg/kg.

The evaluation of soil analytical data collected from the Market Street Block previously indicated lead exceeded the ESL of 80 mg/kg in samples from the following three sample locations:

- B-1 at 2.0 feet bgs
- B-7 at 2.0 feet bgs
- SB-5 at 1.0 feet bgs (SB-5 and B-7 are directly adjacent to one another)

As described in the *IRAP*, the chemical properties of lead, the distribution of lead in soil at the Site, and potential future exposure pathways were considered in developing the remediation plan for the Site (Stantec, 2015). The locations where lead exceeded the ESL were limited to two areas at depths ranging from 1 to 2 feet bgs (SB-5 and B-7 are considered one area). To remove the potential for future exposure to lead in soil at concentrations above the screening level, the areas of these exceedances were excavated.

The following sections describe the recent soil excavation activities.

3.2 REMEDIAL ACTION

Prior to the start of the excavation, the excavation boundaries were scaled off using the figure provided in the IRAP. **Figures 4** and **Figure 5** define the areas around B-7/SB-5 and B-1, where lead was detected above the ESL. The proposed excavation was estimated at 20 feet by 20 feet and to an approximate depth of 2 to 2.5 feet bgs which was centered boring locations B-7/SB-5 and B-1. The remedial excavations were performed at the specified locations using an excavator. Confirmation sampling was conducted from the excavation bottoms and sidewalls following soil removal in accordance with the IRAP, and as described further in Section 3.3 of this report. Dust monitoring was conducted by Stantec during excavation and soil handling to ensure that offsite receptors were not being impacted and to ensure safe levels were maintained for the workers at the Site. Water was on hand during the excavation and soil

handling activities should dust monitoring data or visual observation indicate the need for dust control. Dust monitoring data is included in **Appendix A** and discussed in Section 3.5.

Based on confirmation sampling results, both excavation areas required additional soil removal from the sidewalls and/or excavation bottoms. At the B-1 excavation location, several rounds of soil removal and confirmation sampling was conducted until data indicated that residual lead impacts were below the Site cleanup benchmark of 80 mg/kg. Laboratory reports for all confirmation samples collected during the remedial action are provided in **Appendix B**.

During the excavation activities, the resulting soil stockpiles were placed on polyethylene plastic sheeting in areas adjacent to each excavation and covered with more sheeting. Waddling was also used to help eliminate the potential for runoff while the stockpiles were onsite, pending characterization and offsite disposal. Approximately 49.46 cubic yards (69.25 tons) of non-hazardous soil was disposed of at Keller Canyon Landfill, and an approximately 198.95 cubic yards (278.53 tons) of non-RCRA hazardous soil generated from the excavations was disposed of at Kettleman Hills Landfill. Landfill information and the quantity of soil hauled to each landfill site are discussed in Section 3.4, and waste manifests are provided in **Appendix C**.

3.2.1 B-7/SB-5 Excavation

The B-7/SB-5 area was excavated to approximately 2 feet bgs. The initial round of excavation and confirmation sampling took place on June 3, 2016. Additional excavation activities took place on June 16, 2016. All shallow total lead soil concentrations in the final confirmation samples were below 80 mg/kg, indicating no further soil removal is necessary. The final B-7/SB-5 excavation is approximately 751 square feet (ft^2) in size. The area of the excavation is shown on **Figure 4**.

One stockpile was generated for the B-7/SB-5 excavation. The waste soil was characterized as non-hazardous waste and the waste soil has been removed from the Site. Waste soil from the B-7/SB-5 area was taken to Keller Canyon Landfill for proper disposal. No clean fill material has been imported to date; it is anticipated that clean fill will be brought in during Site development, as needed to achieve final grade.

3.2.2 B-1 Excavation

The B-1 area was excavated to 2.5 feet bgs with a few select areas being excavated to 3 feet bgs based on results of confirmation sampling during the remedial event. The initial excavation took place on June 3, 2016. Based on results of confirmation sampling during the remedial event and based on field observations, additional excavation was conducted on June 16, 2016, June 28, 2016, July 8, 2016, July 21, 2016, and August 15, 2016. Deeper excavation, down to 3 feet bgs in select areas, took place on June 28, 2016. The final B-1 excavation is approximately 2,273 ft^2. The area of the excavation is shown on **Figure 5**.

During the B-1 excavation, a degraded brick wall or brick building foundation was discovered along the northern sidewall, at the property boundary (see **Figure 5**). This brick extends to at least 3 feet bgs, based on the total depth explored during the excavation. Soil was removed in

the northern direction up to the property boundary and up to the brick (in the area where the brick was observed). Confirmation samples were collected from the sidewalls at the extent of the excavation, however, at the brick, confirmation soil samples (B1-N-2 through B1-N-4) were not able to be collected as there was no soil to collect.

Waste soil generated from the B-1 excavation was stockpiled and later characterized as non-RCRA hazardous waste. Waste soil from the B-1 area was taken to Kettlemen Hills Landfill for proper disposal. No clean fill material has been imported to date; it is anticipated that clean fill will be brought in during Site development, as needed to achieve final grade.

3.3 CONFIRMATION SAMPLING

After initial removal of each of the 20 foot by 20 foot areas, confirmation sampling was conducted to confirm the lead-impacts in soil are at concentrations below the residential ESL of 80 mg/kg. The initial round of confirmation sampling was completed using the Incremental Sampling Methodology (ISM) that was described in the IRAP, which included collection of 30 individual sub-samples of equal volume collected in a random pattern from the base of each area and the sidewall to be processed as a single ISM sample from each location. Following the initial round of sampling, and in accordance with the comments provided by the ACEH originally in a meeting on February 8, 2016 between Angus McGrath (Stantec) and Keith Nowell (ACEH), a discreet sampling approach was used to confirm the ISM results and for confirmation sampling moving forward when additional excavation was needed.

Following each round of excavation, sidewall confirmation soil samples were collected along each sidewall at a rate of roughly one composite sample every 10 linear feet in the approximate middle of the vertical wall and bottom and a minimum of 3 confirmation samples were collected from the excavation sidewall, as discussed during discussions with the ACEH referenced above. Additional samples were added to the excavation bottom as the excavations grew in size during the remedial event. A total of 4 confirmation samples were collected from the bottom of the B-7/SB-5 excavation and 18 samples were collected from the bottom of the B-1 excavation. The samples were collected using a properly cleaned shovel and tightly packed into 8-ounce glass jars for delivery under chain-of-custody protocol to an offsite State-certified analytical laboratory for 24-hour analysis. The sampling shovel was decontaminated between collection of composite samples using a triple rinse of Alconox™ and clean water in 5 gallon buckets.

The confirmation soil sampling locations are depicted on **Figure 4** and **Figure 5**. Analytical results for confirmation samples collected during the remedial action are shown on **Table 2** and laboratory reports are provided in **Appendix B.**

3.4 WASTE DISPOSAL

Soil characterization samples were collected from the two stockpiles (B-1 and B-7/SB-5) generated during the remedial excavations. The soils were sampled and analyzed based on contaminants of concern and acceptance criteria of the receiving waste disposal facility. In total, 69.25 tons of non-hazardous soils and 278.53 tons of non-RCRA California hazardous soils

were disposed of offsite at licensed waste disposal facilities. Non-hazardous soils were disposed of at Keller Canyon Landfill in Contra Costa County, California. Non-RCRA California hazardous soils were disposed of at Kettleman Hills Landfill in Kettleman City, California. Copies of non-hazardous and non-RCRA California waste manifests are provided in **Appendix C**.

3.5 DUST CONTROL

During soil excavation activities, dust control measures were implemented to minimize dust generation. All excavation work was performed in accordance with the Occupational Safety and Health Administration (OSHA) and Cal/OSHA regulations. During excavation activities, dust control measures, such as application of water, was used as necessary to minimize generation of airborne dust. Additionally, soil stockpiles were covered and trucks were swept clean prior to exiting the Site.

During the excavation activities and during handling of the stockpiles, Stantec monitored airborne dust at the upwind and downwind Site perimeters using a Mini-Ram pDR 1000™ for measurement of total suspended particulate matter. Stantec personnel evaluated the real-time data to determine the maximum and average dust concentrations at the upwind and downwind perimeter monitoring locations. If the downwind measurements exceeded the upwind measurement by 50 micrograms per cubic meter (µg/m^3), or if visual observation indicated increased dust during handling of excavated soils, additional water was applied. If the daily calculated average from any day exceeded 50 µg/m^3, other corrective actions would have been discussed and implemented to increase dust control. Dust monitoring data is included in **Appendix A**.

3.6 LABORATORY SERVICES

Following each round of soil removal for both of the excavation areas, collected confirmation samples were submitted under chain-of-custody protocol to either Curtis & Tompkins located in Berkeley, California, or Pace Analytical located in Davis, California. Soil confirmation samples collected within excavations (B-1 and B-7) were analyzed for total lead by EPA 6010B. The complete laboratory reports are included in **Appendix C**.

Confirmation sample results are discussed in Section 4.0. The analytical results for all soil samples collected during this remedial action, including those that did not meet Site cleanup levels in areas that were subsequently over-excavated, are summarized on **Table 2**.

4.0 RESULTS

4.1 SITE CLEAN UP LEVELS

The Site cleanup level for lead, as approved by the ACEH, is as follows:

- Total Lead by EPA Method 6010B – 80 mg/kg

No other metals were considered a potential contaminant of concern. Additionally, previous assessments of the property did not indicate other constituents of concern for the soil at Site (Market Street Block).

Site cleanup levels are also listed in historical soil Table 2.

4.2 EXCAVATION SOIL SAMPLING RESULTS

Confirmation sampling results are summarized in **Table 1.** All sample locations collected during the previous site assessment activities (prior to this remedial event), including those that were above cleanup levels and subsequently excavated, are shown on **Figure 3** and summarized in **Table 2**. Final excavation limits and remaining confirmation sample locations for excavations B-1 and B-7 are shown on **Figure 4** and **Figure 5**. Please note that data presented on **Figure 4** and **Figure 5** only include final confirmation samples and do not include samples that were subsequently excavated during the remediation event. The analytical reports for all samples collected during the remediation event are provided in **Appendix B**.

Lead concentrations in final confirmation samples collected from the bottoms and sidewalls of excavations B-1 and B-7 range from 3.6 mg/kg to 63.9 mg/kg, aside from sample B1-N-1. Only one confirmation soil sample remains in which the regulatory benchmark of 80 mg/kg was exceeded; confirmation sample B1-N-1 at 1.5 ft bgs, along the north wall of the excavation, and just west of the exposed brick (discussed in Section 3.2.2) contained lead at 1,600 mk/kg. Further excavation in this location was deemed inaccessible due to it's location along the property boundary and existing fence line. Additional excavation was conducted in that area after sample B1-N-1 was collected to deepen that area to approximately 3 feet bgs (based on results from bottom sample B1-B-1), and sample B1-N-7 was collected along the same sidewall near B1-N-1 from a depth of 3 feet bgs. Results from lead analysis of B1-N-7 indicate residual lead at that location is 9.6 mg/kg. Based on the location of sample B1-N-1 along the northern property boundary and the reported concentrations from samples near B1-N-1, the reported lead at 1,600 mg/kg is suspected to be anomalous and not indicative of a larger problem at the Site. Additionally, it is anticipated that future handling of soils will not be necessary in that area and the surface will remain capped per the proposed development and current offsite property use to the north. No further remedial action is needed to address lead impacts at the Site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The remedial excavations completed at the Site have successfully removed lead impacts to concentrations below a Site cleanup level of 80 mg/kg within the Market Street Block property. In total, approximately 347.78 tons of lead-impacted soil was removed from the Site and properly disposed of at a licensed disposal facility.

Based on the removal of potentially lead-impacted soil, results of remaining confirmation samples, and known future use of the Site, no further remedial action is necessary for Site soil at the Market Street Block.

6.0 REFERENCES

Cal-EPA. 2016. Screening for Environmental Concerns at Sites with Contaminated Soil and Ground water. Regional Water Quality Control Board (RWQCB), San Francisco Bay Region. February.

Gribi Associates, 2005. Report of Phase II Environmental Site Assessment, 2303-2317 Market Street and 2242-2310 Myrtle Street, Oakland, California, March 18.

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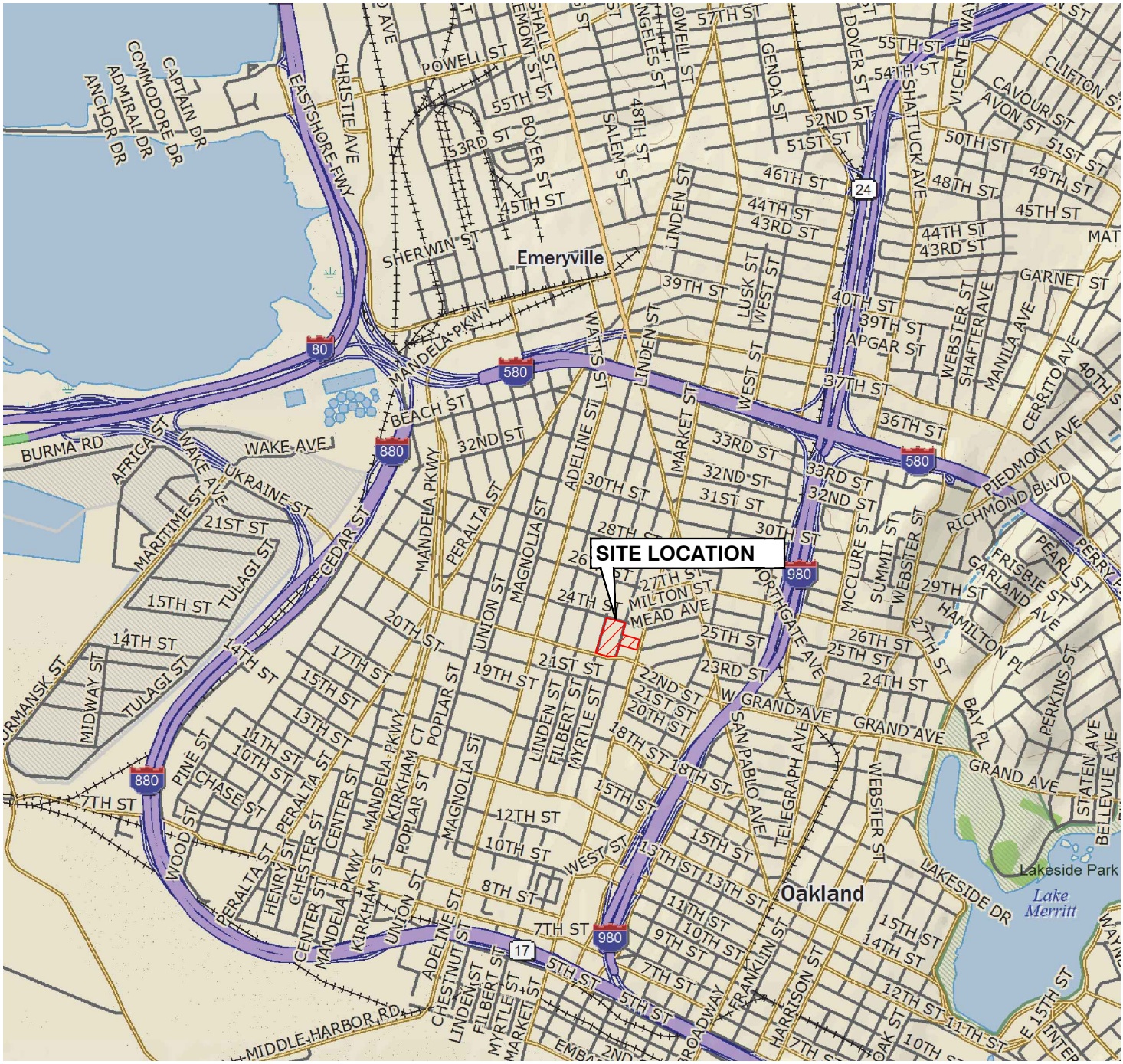
International Technology Corporation, 1996b. Groundwater Sampling Report, West Grand Refrigeration Facility (Former Safeway Ice Cream Facility), 2240 Filbert Street, Oakland, California, September.

Levine-Fricke, Soil and Ground-Water Investigation Report, 1995. Former Safeway Ice Cream Manufacturing Plant, 2240 Filbert Street, Oakland, California, January 17.

Stantec Consulting Service Inc., 2014. Phase I Environmental Site Assessment, Multiple Parcels, Filbert Street, West Grand Avenue, and Myrtle Street, Oakland, California. .May 22. (Attorney-Client Privileged)

Stantec Consulting Service Inc., 2015. Interim Remedial Action Plan, Oakland 2 Site, 2240 Filbert Street, Oakland, California. November 23.

FIGURES



North

CALIFORNIA

SCALE (MILES): 1 1/2 0 1

SCALE (FEET): 1000 0 1000 2000 3000 4000 5000 6000 7000

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, OAKLAND WEST, CALIFORNIA

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1340 Treat Boulevard, Suite 300
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FOR:
CITY VENTURES
MULTIPLE PARCELS
W. GRAND AVE. FILBERT, AND MYRTLE ST.
OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE: **1**

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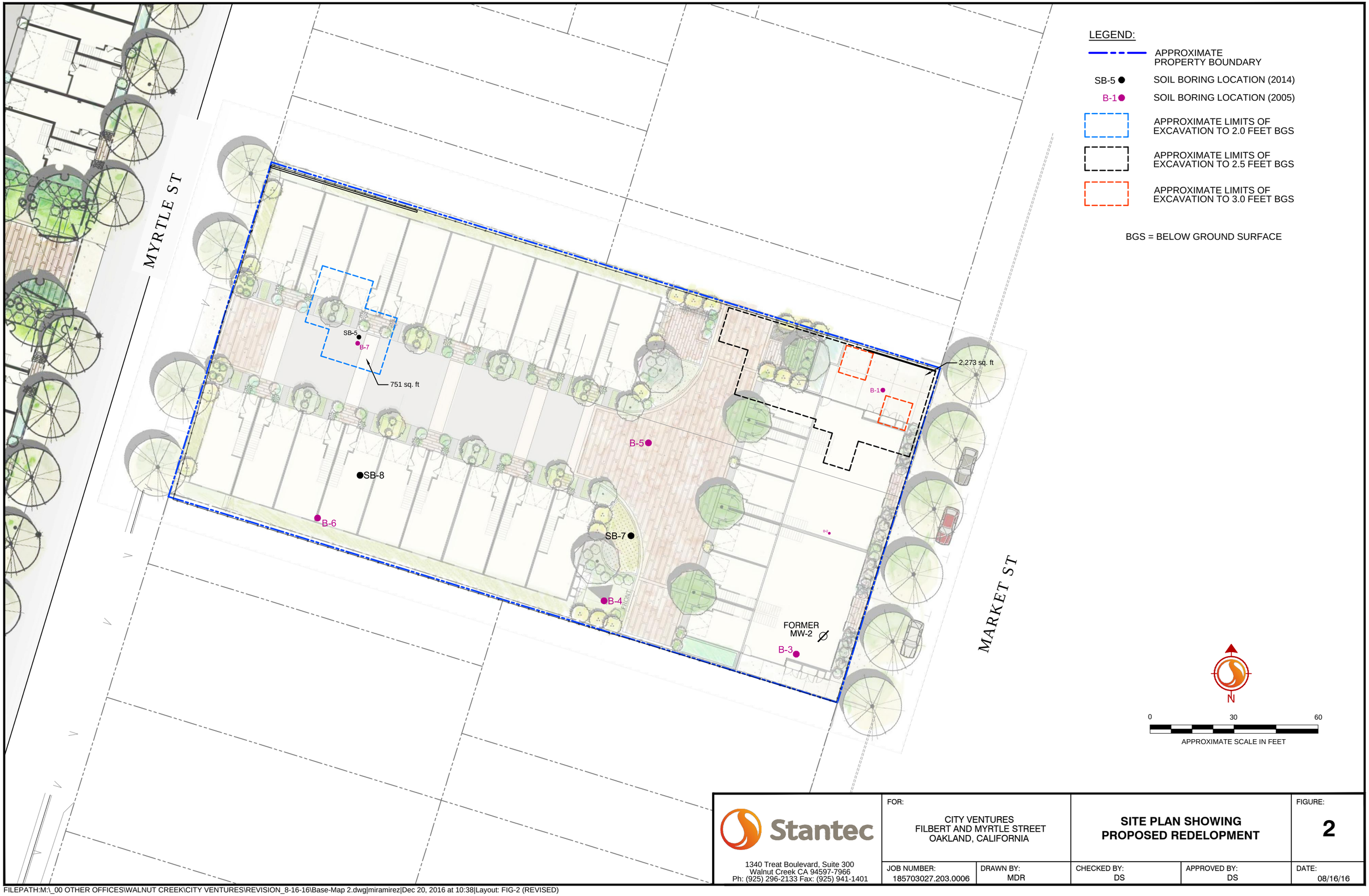

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FOR:			FIGURE:
CITY VENTURES FILBERT AND MYRTLE STREET OAKLAND, CALIFORNIA		**SITE PLAN SHOWING PROPOSED REDELOPMENT**	**2**

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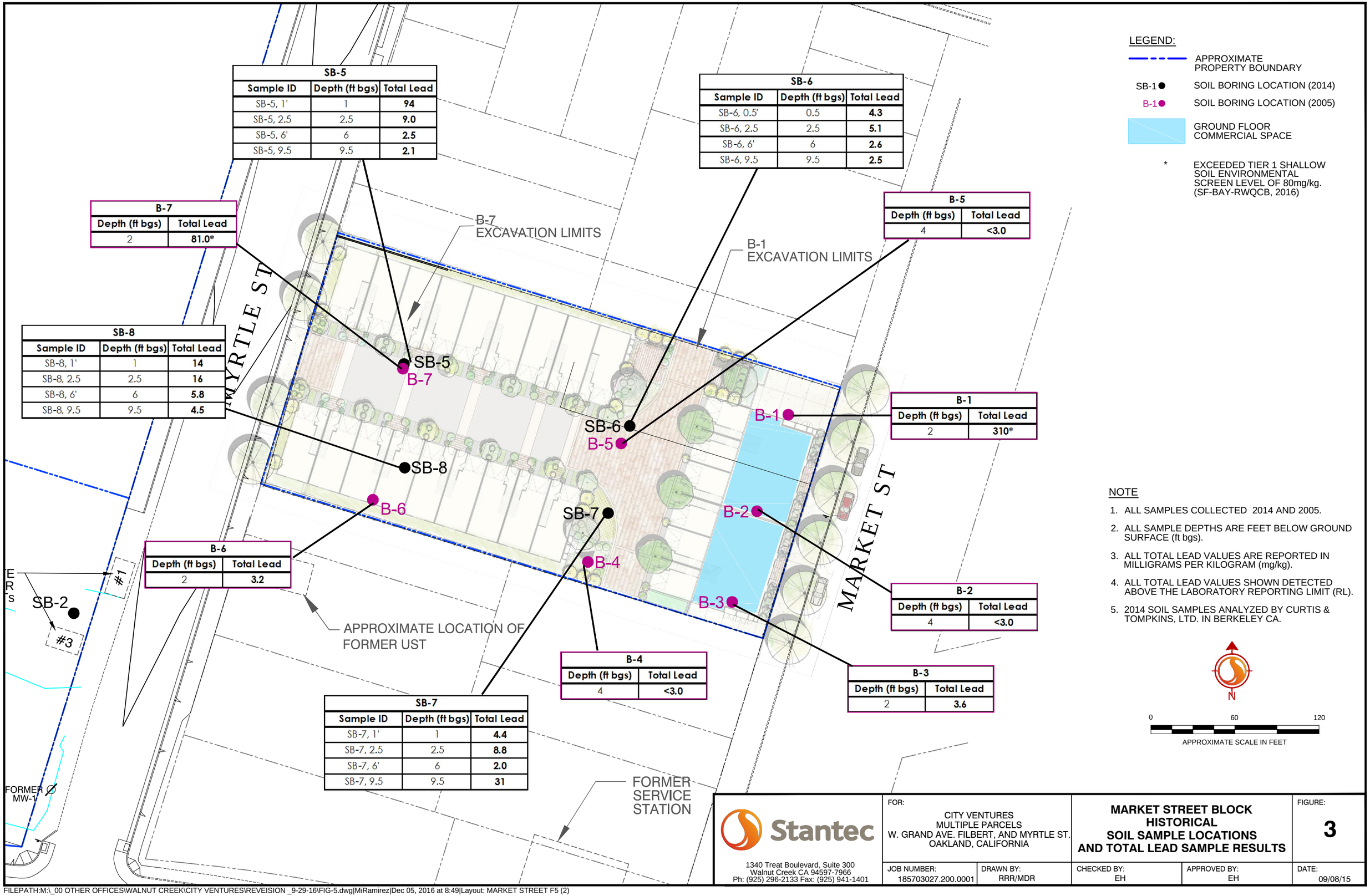

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FOR:
CITY VENTURES
MULTIPLE PARCELS
W. GRAND AVE. FILBERT, AND MYRTLE ST.
OAKLAND, CALIFORNIA

MARKET STREET BLOCK HISTORICAL SOIL SAMPLE LOCATIONS AND TOTAL LEAD SAMPLE RESULTS

FIGURE: **3**

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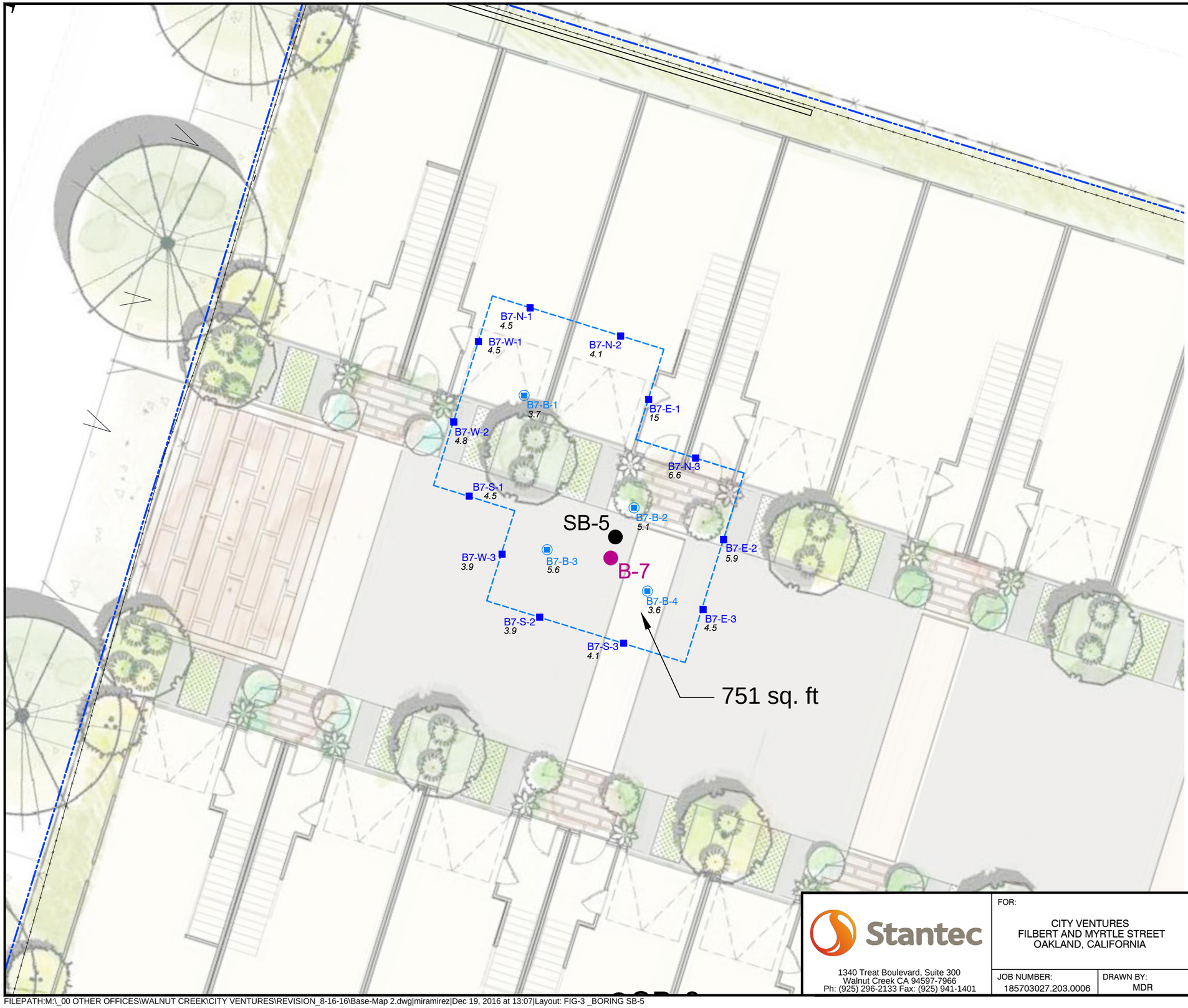

LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- SB-5 ● SOIL BORING LOCATION (2014)
- B-7 ● SOIL BORING LOCATION (2005)
- B7-N-1 ■ SIDEWALL CONFIRMATION SAMPLE LOCATION
- B7-B1 ◉ EXCAVATION BOTOM CONFIRMATION SAMPLE LOCATION
- APPROXIMATE LIMITS OF EXCAVATION TO 2.0 FEET BGS

3.9 = REPORTED TOTAL LEAD CONCENTRATION (mg/kg)

BGS = BELOW GROUND SURFACE

mg/kg = MILLIGRAM PER KILOGRAM

N

0 10 20

APPROXIMATE SCALE IN FEET

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FOR:
CITY VENTURES
FILBERT AND MYRTLE STREET
OAKLAND, CALIFORNIA

MARKET STREET BLOCK
B-7 EXCAVATION AND
RESIDUAL TOTAL LEAD IN SOIL

FIGURE: **4**

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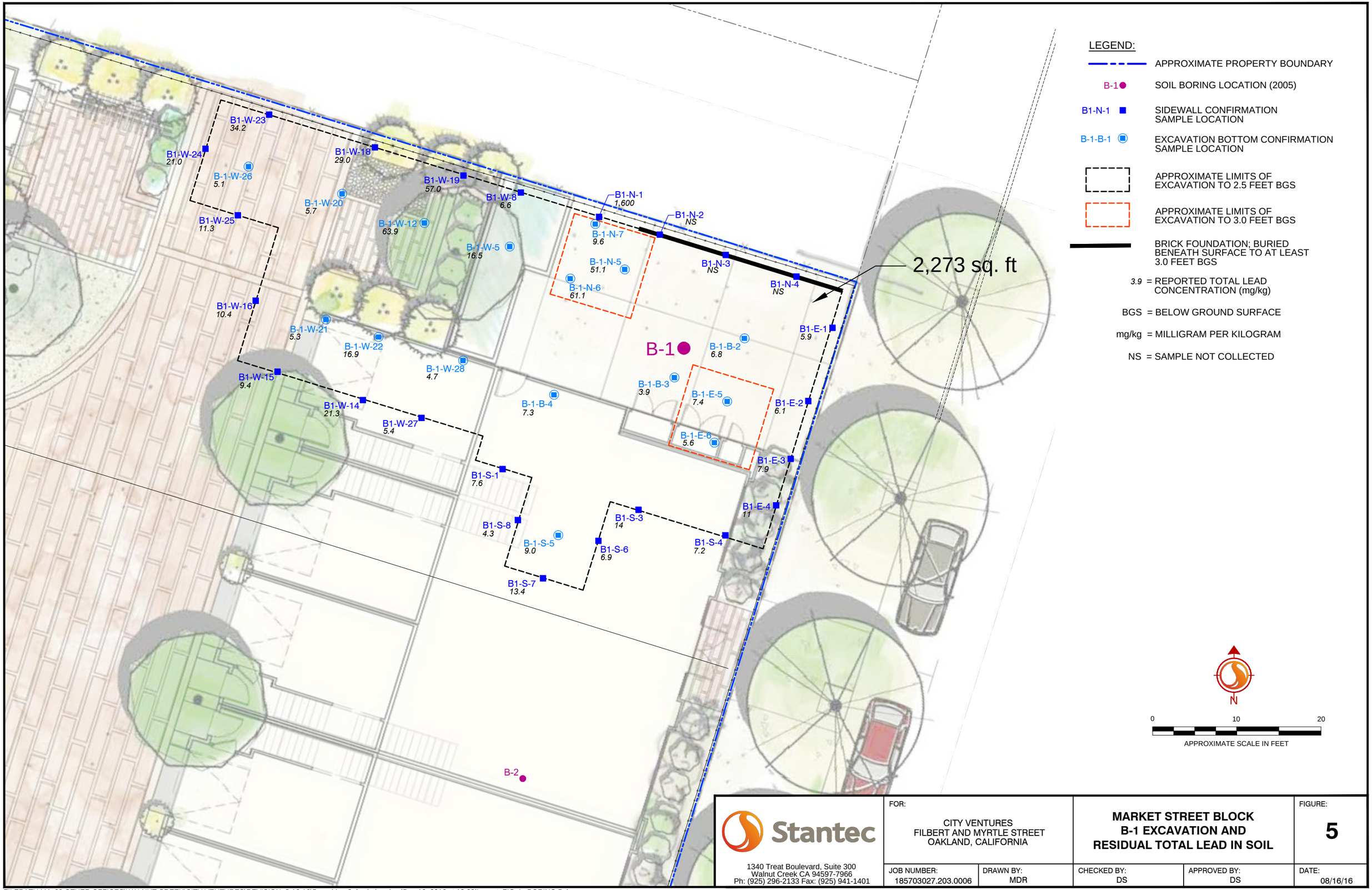
FILEPATH:M:_00 OTHER OFFICES\WALNUT CREEK\CITY VENTURES\REVISION_8-16-16\Base-Map 2.dwg|miramirez|Dec 19, 2016 at 13:07|Layout: FIG-3 _BORING SB-5



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FOR:
CITY VENTURES
FILBERT AND MYRTLE STREET
OAKLAND, CALIFORNIA

MARKET STREET BLOCK B-1 EXCAVATION AND RESIDUAL TOTAL LEAD IN SOIL

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185703027.203.0006	MDR	DS	DS	08/16/16

FILEPATH:M:_00 OTHER OFFICES\WALNUT CREEK\CITY VENTURES\REVISION_8-16-16\Base-Map 2.dwg|miramirez|Dec 19, 2016 at 13:09|Layout: FIG-4 _BORING B-1

TABLES

TABLE 1
Current Analytical Results for Confirmation Soil Samples
Market Street Block, Oakland California

Notes	Sample Location	Sample ID	Sample Date	Sample Depth (ft. bgs)	Lead (mg/kg)
	B-1 Focused Excavation:				
a	Western Portion of Northern Sidewall	B1-NW-W	06/03/16	0.0 - 2.0	1,100
a	Eastern Portion of Northern Sidewall	B1-NW-E	06/03/16	0.0 - 2.0	800
a	Northern Portion of Eastern Sidewall	B1-EW-N	06/03/16	0.0 - 2.0	1,400
a	Southern Portion of Eastern Sidewall	B1-EW-S	06/03/16	0.0 - 2.0	840
a	Eastern Portion of Southern Sidewall	B1-SW-E	06/03/16	0.0 - 2.0	380
a	Western Portion of Southern Sidewall	B1-SW-W	06/03/16	0.0 - 2.0	510
a	Southern Portion of Western Sidewall	B1-WW-S	06/03/16	0.0 - 2.0	1,500
a	Northern Portion of Western Sidewall	B1-WW-N	06/03/16	0.0 - 2.0	1,200
a	Base of Excavation	B1-EB-2'	06/03/16	2.0	1,700
c	North	B1-N-1	06/16/16	1.5	**1,600**
b	North	B1-N-2	06/16/16	1.5	--
b	North	B1-N-3	06/16/16	1.5	--
b	North	B1-N-4	06/16/16	1.5	--
	East	B-1-E-1	06/16/16	1.5	**5.9**
	East	B-1-E-2	06/16/16	1.5	**6.1**
	East	B-1-E-3	06/16/16	1.5	**7.9**
	East	B-1-E-4	06/16/16	1.5	**11**
	South	B-1-S-1	06/16/16	1.5	**7.6**
	South	B-1-S-2	06/16/16	1.5	120
	South	B-1-S-3	06/16/16	1.5	**14**
	South	B-1-S-4	06/16/16	1.5	**7.2**
	West	B-1-W-1	06/16/16	1.5	19
	West	B-1-W-2	06/16/16	1.5	630
	West	B-1-W-3	06/16/16	1.5	11
	West	B-1-W-4	06/16/16	1.5	6.1
	Base of Excavation	B-1-B-1	06/16/16	2.5	1,100
	Base of Excavation	B-1-B-2	06/16/16	2.5	**6.8**
	Base of Excavation	B-1-B-3	06/16/16	2.5	**3.9**
	Base of Excavation	B-1-B-4	06/16/16	2.5	**7.3**
	Base of Excavation	B-1-B-5	06/16/16	2.5	510
	Base of Excavation	B1-E-5	06/28/16	3.0	**7.4**
	Base of Excavation	B1-E-6	06/28/16	3.0	**5.6**
	Base of Excavation	B1-N-5	06/28/16	3.0	**51.1**
	South	B1-S-5	06/28/16	1.5	**9.0**
	South	B1-S-6	06/28/16	1.5	**6.9**
	South	B1-S-7	06/28/16	1.5	**13.4**
	South	B1-S-8	06/28/16	1.5	**4.3**
	Base of Excavation	B1-N-6	06/28/16	3.0	**61.1**
	Base of Excavation	B1-N-7	06/28/16	3.0	**9.6**
	Base of Excavation	B1-W-5	06/28/16	1.5	**16.5**
	West	B1-W-6	06/28/16	1.5	7.2
	West	B1-W-7	06/28/16	1.5	145
	West	B1-W-8	06/28/16	1.5	**6.6**
	West	B1-W-9	07/08/16	1.5	221
	West	B1-W-10	07/08/16	1.5	136
	West	B1-W-11	07/08/16	1.5	960
	Base of Excavation	B1-W-12	07/08/16	2.5	**63.9**
Tier 1 Direct Contact Residential Environmental Screening Level (ESL; 2016)					80

TABLE 1
Current Analytical Results for Confirmation Soil Samples
Market Street Block, Oakland California

Notes	Sample Location	Sample ID	Sample Date	Sample Depth (ft. bgs)	Lead (mg/kg)
	B-1 Focused Excavation (cont):				
	West	B1-W-13	07/21/16	1.5	173
	West	B1-W-14	07/21/16	1.5	**21.3**
	West	B1-W-15	07/21/16	1.5	**9.4**
	West	B1-W-16	07/21/16	1.5	**10.4**
	West	B1-W-17	07/21/16	1.5	1,260
	West	B1-W-18	07/21/16	1.5	**29.0**
	West	B1-W-19	07/21/16	1.5	**57.0**
	Base of Excavation	B1-W-20	07/21/16	2.5	**5.7**
	Base of Excavation	B1-W-21	07/21/16	2.5	**5.3**
	Base of Excavation	B1-W-22	07/21/16	2.5	**16.9**
	West	B1-W-23	08/15/16	1.5	**34.2**
	West	B1-W-24	08/15/16	1.5	**21.0**
	West	B1-W-25	08/15/16	1.5	**11.3**
	Base of Excavation	B1-W-26	08/15/16	2.5	**5.1**
	West	B1-W-27	08/15/16	1.5	**5.4**
	Base of Excavation	B1-W-28	08/15/16	2.5	**4.7**
	B-7 Focused Excavation:				
a	Western Portion of Northern Sidewall	B7-NW-W	06/03/16	0.0 - 2.0	210
a	Eastern Portion of Northern Sidewall	B7-NW-E	06/03/16	0.0 - 2.0	**25**
a	Northern Portion of Eastern Sidewall	B7-EW-N	06/03/16	0.0 - 2.0	**60**
a	Southern Portion of Eastern Sidewall	B7-EW-S	06/03/16	0.0 - 2.0	**6.3**
a	Eastern Portion of Southern Sidewall	B7-SW-E	06/03/16	0.0 - 2.0	**5.6**
a	Western Portion of Southern Sidewall	B7-SW-W	06/03/16	0.0 - 2.0	**5.8**
a	Southern Portion of Western Sidewall	B7-WW-S	06/03/16	0.0 - 2.0	**30**
a	Northern Portion of Western Sidewall	B7-WW-N	06/03/16	0.0 - 2.0	490
a	Base of Excavation	B7-EB-2'	06/03/16	2.0	**23**
	North	B7-N-1	06/16/16	1.0	**4.5**
	North	B7-N-2	06/16/16	1.0	**4.1**
	East	B7-E-1	06/16/16	1.0	**15**
	West	B7-W-1	06/16/16	1.0	**4.5**
	West	B7-W-2	06/16/16	1.0	**4.8**
	South	B7-S-1	06/16/16	1.0	**4.5**
	Base of Excavation	B7-B-1	06/16/16	2.0	**3.7**
	Base of Excavation	B7-B-2	06/16/16	2.0	**5.1**
	Base of Excavation	B7-B-3	06/16/16	2.0	**5.6**
	North	B7-N-3	06/16/16	1.0	**6.6**
	East	B7-E-2	06/16/16	1.0	**5.9**
	East	B7-E-3	06/16/16	1.0	**4.5**
	South	B7-S-1	06/16/16	1.0	**4.5**
	South	B7-S-2	06/16/16	1.0	**3.9**
	South	B7-S-3	06/16/16	1.0	**4.1**
	West	B7-W-3	06/16/16	1.0	**3.9**
	Base of Excavation	B7-B-4	06/16/16	2.0	**3.6**
Tier 1 Direct Contact Residential Environmental Screening Level (ESL; 2016)					80

Notes:

a- samples collected using incremental sampling technique; a discrete sample was later taken; observed exceedences were over-excavated

b - samples could not be collected; inaccessible-edge of excavation at burried brick foundation

c - soil was excavated to extent practicable; location was inaccessible; sample exceeds ESL benchmark

Bold - final confirmation sample; not over-excavated

ESL Screening Level - California Water Boards 2016 Tier 1 Direct Contact to Soil Residential Environmental Screening Level (ESL; SF Bay RWQCB, February 2016)

mg/kg - micrograms per kilogram

ft. bgs - feet below ground surface

Lead - total lead by EPA Method 6010B

TABLE 2
Historical Analytical Results for Soil Samples - Market Street Block
2240 Filbert Street, Oakland California

Sample Location	Sample ID	Sample Date	Sample Depth (ft. bgs)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
B-1	B-1	2/8/2005	2.0	--	--	--	--	--	--	**310**
	B-1	2/8/2005	13.5	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.010	ND<0.02	--
	B-1	2/8/2005	21.5	ND<2.0	ND<0.02	ND<0.02	ND<0.02	ND<0.04	ND<0.08	--
B-2	B-2	2/8/2005	4.0	--	--	--	--	--	--	ND<3.0
	B-2	2/8/2005	12.0	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.010	ND<0.02	--
B-3	B-3	2/8/2005	4.0	--	--	--	--	--	--	3.6
	B-3	2/8/2005	11.5	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.010	ND<0.02	--
	B-3	2/8/2005	13.0	310	ND<0.02	0.13	0.16	2.4	0.096	--
B-4	B-4	2/8/2005	4.0	--	--	--	--	--	--	ND<3.0
	B-4	2/8/2005	12.0	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.010	ND<0.02	--
	B-4	2/8/2005	13.0	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.010	ND<0.02	--
B-5	B-5	2/8/2005	4.0	--	--	--	--	--	--	ND<3.0
	B-5	2/8/2005	11.5	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.010	ND<0.02	--
B-6	B-6	2/8/2005	2.0	--	--	--	--	--	--	3.2
B-7	B-7	2/8/2005	2.0	--	--	--	--	--	--	**81**
SB-5	SB-5, 1'	5/30/2014	1.0	--	--	--	--	--	--	**94**
SB-5	SB-5, 2.5	5/30/2014	2.5	--	--	--	--	--	--	9
SB-5	SB-5, 6'	5/30/2014	6.0	--	--	--	--	--	--	2.5
SB-5	SB-5, 9.5	5/30/2014	9.5	--	--	--	--	--	--	2.1
SB-6	SB-6, 0.5'	5/30/2014	0.5	--	--	--	--	--	--	4.3
SB-6	SB-6, 2.5	5/30/2014	2.5	--	--	--	--	--	--	5.1
SB-6	SB-6, 6'	5/30/2014	6.0	--	--	--	--	--	--	2.6
SB-6	SB-6, 9.5	5/30/2014	9.5	--	--	--	--	--	--	2.5
SB-7	SB-7, 1'	5/30/2014	1.0	--	--	--	--	--	--	4.4
SB-7	SB-7, 2.5	5/30/2014	2.5	--	--	--	--	--	--	8.8
SB-7	SB-7, 6'	5/30/2014	6.0	--	--	--	--	--	--	2
SB-7	SB-7, 9.5	5/30/2014	9.5	--	--	--	--	--	--	31
SB-8	SB-8, 1'	5/30/2014	1.0	--	--	--	--	--	--	14
SB-8	SB-8, 2.5	5/30/2014	2.5	--	--	--	--	--	--	16
SB-8	SB-8, 6'	5/30/2014	6.0	--	--	--	--	--	--	5.8
SB-8	SB-8, 9.5	5/30/2014	9.5	--	--	--	--	--	--	4.5
		Maximum Concentration		310	ND<0.02	0.13	0.16	2.4	0.096	310
		Residential Soil ESL		100/500[(1)]	0.044	2.9	3.3	2.3	0.023	80

Notes:

February 2004 data compiled from Table 1, "Report of Phase II Environmental Site Assessment", GRIBI Associates, March 18, 2005

Residential Direct Contact to Soil ESL - Environmental Screening Levels (ESLs) established by the SF Bay Regional Water Quality Control Board (SF Bay RWQCB, January 2016)

(1) - ESLs for shallow soil (<3 meters) and deep soil (>3 meters)

MTBE: methyl-tertiary-butyl ether

mg/kg - micrograms per kilogram

ft. bgs - feet below ground surface

-- not analyzed

ND - not detected above laboratory reporting limits listed

Benzene, toluene, ethylbenzene, total xylenes and MTBE by EPA Method 8020

TPHg- total petroleum hydrocarbons as gasoline by EPA Method 8015M

Lead - total lead by EPA Method 6010B

Bold - Exceeds SF-Bay RWQCB Tier 1 ESL established for direct contact to shallow soil for a residential receptor

APPENDIX A
Dust Monitoring Data

Appendix A
Dust Monitoring Data
Oakland 2 Market Street Block, Oakland California

Date	Upwind Station			Downwind Station		
	Time	Instant	Average	Time	Instant	Average
6/3/2016	7:30 AM	0.087	0.074	7:30 AM	0.043	0.035
	8:00 AM	0.075	0.077	8:00 AM	0.045	0.044
	8:30 AM	0.080	0.078	8:30 AM	0.045	0.045
	9:00 AM	0.078	0.078	9:00 AM	0.097	0.077
	9:30 AM	0.069	0.078	9:30 AM	0.091	0.089
	10:00 AM	0.075	0.078	10:00 AM	0.114	0.093
	10:30 AM	0.079	0.078	10:30 AM	0.091	0.096
	11:00 AM	0.064	0.077	11:00 AM	0.064	0.11
	11:30 AM	0.074	0.077	11:30 AM	0.088	0.103
	12:00 PM	0.061	0.077	12:00 PM	0.039	0.101
	12:30 PM	0.079	0.077	12:30 PM	0.045	0.098
6/16/2016	No dust monitoring needed due to weather conditions					
6/28/2016	Upwind Mini Ram not working, replaced with working one at 10:00 AM			7:40 AM	0.016	0.019
				8:30 AM	0.017	0.019
				9:24 AM	0.029	0.02
	10:00 AM	0.033	0.040	10:00 AM	0.062	0.03
	10:30 AM	0.070	0.038	10:30 AM	0.018	0.04
	11:00 AM	0.071	0.037	11:00 AM	0.029	0.039
	11:30 AM	0.036	0.037	11:30 AM	0.018	0.037
	12:00 PM	0.035	0.037	12:00 PM	0.030	0.035
	12:40 PM	0.036	0.038	12:40 PM	0.029	0.033
	1:00 PM	0.038	0.038	1:00 PM	0.032	0.033
	1:30 AM	0.037	0.038	1:30 AM	0.031	0.032
	2:00 PM	0.040	0.400	2:00 PM	0.030	0.032
	2:30 PM	0.053	0.420	2:30 PM	0.026	0.032
	2:50 PM	0.025	0.032	2:50 PM	0.056	0.043
7/8/2016	7:30 AM	0.000	0.015	7:30 AM	0.009	0.014
	8:00 AM	0.000	0.000	8:00 AM	0.008	0.000
	8:30 AM	0.000	0.000	8:30 AM	0.000	0.000
	9:00 AM	0.000	0.000	9:00 AM	0.028	0.001
	9:30 AM	0.000	0.000	9:30 AM	0.002	0.001
	10:00 AM	0.000	0.000	10:00 AM	0.021	0.003
	10:30 AM	0.000	0.000	10:30 AM	0.015	0.005
	10:45 AM	0.000	0.000	10:45 AM	0.009	0.004

Appendix A
Dust Monitoring Data
Oakland 2 Market Street Block, Oakland California

Date	Upwind Station			Downwind Station		
	Time	Instant	Average	Time	Instant	Average
7/21/2016	8:00 AM	0.003	0.000	7:30 AM	0.009	0.000
	8:30 AM	0.000	0.000	8:00 AM	0.006	0.003
	9:00 AM	0.000	0.000	8:30 AM	0.000	0.002
	9:30 AM	0.000	0.000	9:00 AM	0.007	0.003
	10:00 AM	0.000	0.000	9:30 AM	0.000	0.002
	10:30 AM	0.004	0.000	10:00 AM	0.008	0.002
	11:00 AM	0.000	0.000	10:30 AM	0.008	0.004
	11:30 AM	0.000	0.000	8:00 AM	0.011	0.008
	12:00 PM	0.008	0.001	8:30 AM	0.012	0.006
	12:30 PM	0.000	0.000	9:00 AM	0.000	0.003
	1:00 PM	0.003	0.002	9:30 AM	0.000	0.010
	1:30 PM	0.006	0.001	10:00 AM	0.002	0.009
	2:00 PM	0.000	0.000	10:30 AM	0.002	0.007
	2:30 PM	0.000	0.000	10:45 AM	0.002	0.004
8/15/2016	7:00 AM	0.000	0.000	7:00 AM	0.000	0.000
	7:30 AM	0.000	0.000	7:30 AM	0.028	0.001
	8:00 AM	0.000	0.000	8:00 AM	0.000	0.000
	8:30 AM	0.000	0.000	8:30 AM	0.000	0.000
	9:00 AM	0.000	0.000	9:00 AM	0.000	0.001
	9:30 AM	0.000	0.000	9:30 AM	0.003	0.000
	10:00 AM	0.000	0.000	10:00 AM	0.027	0.013
	10:30 AM	0.000	0.000	10:30 AM	0.018	0.016
	11:00 AM	0.000	0.000	11:00 AM	0.012	0.022
	11:30 AM	0.000	0.000	11:30 AM	0.007	0.021
	12:00 PM	0.000	0.000	12:00 PM	0.028	0.029

Note: Instant and Average measurements reported as parts per milligrams per cubic meter; action level exceedences determined by subtracting upwind result from downwind result

APPENDIX B
Laboratory Analytical Reports


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

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

Laboratory Job Number 277417
ANALYTICAL REPORT

Stantec
1340 Treat Blvd.
Walnut Creek, CA 94597

Project : 185703027.203.0001
Location : City Ventures - Oak 2
Level : II

Sample ID	Lab ID
B1-NW-W	277417-001
B1-NW-E	277417-002
B1-EW-N	277417-003
B1-EW-S	277417-004
B1-SW-E	277417-005
B1-SW-W	277417-006
B1-WW-S	277417-007
B1-WW-N	277417-008
B1-EB-2'	277417-009
B7-NW-W	277417-010
B7-NW-E	277417-011
B7-EW-N	277417-012
B7-EW-S	277417-013
B7-SW-E	277417-014
B7-SW-W	277417-015
B7-WW-S	277417-016
B7-WW-N	277417-017
B7-EB-2'	277417-018

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

Signature: _____ Date: 06/06/2016

Mike Dahlquist
Project Manager
mike.dahlquist@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**277417**
Client:	**Stantec**
Project:	**185703027.203.0001**
Location:	**City Ventures - Oak 2**
Request Date:	**06/03/16**
Samples Received:	**06/03/16**

This data package contains sample and QC results for eighteen soil samples, requested for the above referenced project on 06/03/16. The samples were received cold and intact.

Metals (EPA 6010B):
No analytical problems were encountered.

277417

CHAIN OF CUSTODY RECORD

Stantec

Stantec Walnut Creek Office
1340 Treat Blvd., Suite 300
Walnut Creek, CA 94597
TEL:(916) 861-0400 FAX:(916)861-0430

Stantec Company Contact(s) for Invoice:
Project Manager: Sean Coyle
email: sean.coyle@stantec.com

Stantec Project #: 185703027

DATE: 6-3-16

PAGE: 1 OF 2

Project Name: City Ventures - Oak 2

Address: Market St. Block assoc. w/ 2240 Filbert St. Oakland CA

Sampler(s) Printed Name: Charles Melancon

Sampler(s) Signature:

Laboratory: Curtis & Tompkins

Lab Use Only:

Turn-around Time (Business Days):

10 DAYS ☐ 5 DAYS ☐ 72 HR ☐ 48 HR ☐ 24 HR ☒ <24 HR ☐

☐ OTHER

Special Instructions or Notes: analyze using ISM process

Temperature Upon Receipt (C):

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	No. of Cont.	Preserve	tot. lead 6010B	Laboratory Notes
1	B1-NW-W	6-3-16	1230	S	1	-	X	
2	B1-NW-E	"	1240	"	1	-	X	
3	B1-EW-N	"	1250	"	1	-	X	
4	B1-EW-S	"	1300	"	1	-	X	
5	B1-SW-E	"	1310	"	1	-	X	
6	B1-SW-W	"	1320	"	1	-	X	
7	B1-WW-S	"	1330	"	1	-	X	
8	B1-WW-N	"	1340	"	1	-	X	
9	B1-EB-2'	↓	1350	↓	1	-	X	

	Date	Time		Date	Time
Relinquished by: (Signature)	6-3-16	1540	Received by: (Signature)	6/3/16	15 40
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

277417

CHAIN OF CUSTODY RECORD

Stantec

Stantec Walnut Creek Office
1340 Treat Blvd., Suite 300
Walnut Creek, CA 94597
TEL:(916) 861-0400 FAX:(916)861-0430

Stantec Company Contact(s) for Invoice:
Project Manager: Sean Coyle
email: sean.coyle@stantec.com

Stantec Project #: 185703027

DATE: 6-3-16

PAGE: 2 OF 2

Project Name: City Ventures - Oak 2

Address: Market St. Block assoc. W/ 2240 Filbert St. Oakland CA

Sampler(s) Printed Name: Charles Melancon

Sampler(s) Signature:

Laboratory: Curtis & Tompkins

Lab Use Only:

Turn-around Time (Business Days):

10 DAYS ☐ 5 DAYS ☐ 72 HR ☐ 48 HR ☐ 24 HR ☒ <24 HR ☐

☐ OTHER

Special Instructions or Notes: analyze using ISM process

Temperature Upon Receipt (C):

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	No. of Cont.	Preserve	Tot. Lead 6010B	Laboratory Notes
10	B7-NW-W	6-3-16	1340	S	1	-	X	
11	B7-NW-E		1350		1	-	X	
12	B7-EW-N		1400		1	-	X	
13	B7-EW-S		1410		1	-	X	
14	B7-SW-E		1420		1	-	X	
15	B7-SW-W		1430		1	-	X	
16	B7-WW-S		1440		1	-	X	
17	B7-WW-N		1450		1	-	X	
18	B7-EB-2'	↓	1500	↓	1	-	X	

	Date:	Time:	Received by: (Signature)		Time:
Relinquished by: (Signature)	6-3-16	1540		6/3/16	15 40
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		Time:

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 277417 Date Received 6/3/16 Number of coolers 1
Client Stantec Project City Ventures - Oak 2

Date Opened 6/3 By (print) CB (sign) [signature]
Date Logged in ↓ By (print) SL (sign) [signature]
Date Labelled ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) ____ YES (NO)
   Shipping info ____
2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many ____ Name ____ Date ____
2B. Were custody seals intact upon arrival? ____ YES NO (N/A)
3. Were custody papers dry and intact when received? ____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? ____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) ____ (YES) NO
6. Indicate the packing in cooler: (if other, describe) ____

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

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

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 7.9°

☐ Temperature blank(s) included? ☐ Thermometer# ____ ☒ IR Gun# A

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

8. Were Method 5035 sampling containers present? ____ YES (NO)
   If YES, what time were they transferred to freezer? ____
9. Did all bottles arrive unbroken/unopened? ____ (YES) NO
10. Are there any missing / extra samples? ____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? ____ (YES) NO
12. Are sample labels present, in good condition and complete? ____ (YES) NO
13. Do the sample labels agree with custody papers? ____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? ____ (YES) NO
15. Are the samples appropriately preserved? ____ YES NO (N/A)
16. Did you check preservatives for all bottles for each sample? ____ YES NO (N/A)
17. Did you document your preservative check? (pH strip lot# ____) YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? ____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? ____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? ____ YES NO (N/A)
21. Was the client contacted concerning this sample delivery? ____ YES (NO)
   If YES, Who was called? ____ By ____ Date: ____

COMMENTS ____

Curtis & Tompkins, Ltd.

Detections Summary for 277417

Results for any subcontracted analyses are not included in this summary.

Client : Stantec
Project : 185703027.203.0001
Location : City Ventures - Oak 2

Client Sample ID : B1-NW-W Laboratory Sample ID : 277417-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	1,100		12	mg/Kg	As Recd	50.00	EPA 6010B	EPA 3050B

Client Sample ID : B1-NW-E Laboratory Sample ID : 277417-002

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	800		12	mg/Kg	As Recd	50.00	EPA 6010B	EPA 3050B

Client Sample ID : B1-EW-N Laboratory Sample ID : 277417-003

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	1,400		12	mg/Kg	As Recd	50.00	EPA 6010B	EPA 3050B

Client Sample ID : B1-EW-S Laboratory Sample ID : 277417-004

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	840		12	mg/Kg	As Recd	50.00	EPA 6010B	EPA 3050B

Client Sample ID : B1-SW-E Laboratory Sample ID : 277417-005

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	380		0.25	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B1-SW-W Laboratory Sample ID : 277417-006

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	510		2.4	mg/Kg	As Recd	10.00	EPA 6010B	EPA 3050B

Client Sample ID : B1-WW-S Laboratory Sample ID : 277417-007

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	1,500		24	mg/Kg	As Recd	100.0	EPA 6010B	EPA 3050B

Curtis & Tompkins, Ltd.

Client Sample ID : B1-WW-N Laboratory Sample ID : 277417-008

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	1,200		23	mg/Kg	As Recd	100.0	EPA 6010B	EPA 3050B

Client Sample ID : B1-EB-2' Laboratory Sample ID : 277417-009

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	1,700		25	mg/Kg	As Recd	100.0	EPA 6010B	EPA 3050B

Client Sample ID : B7-NW-W Laboratory Sample ID : 277417-010

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	210		0.24	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B7-NW-E Laboratory Sample ID : 277417-011

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	25		0.24	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B7-EW-N Laboratory Sample ID : 277417-012

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	60		0.25	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B7-EW-S Laboratory Sample ID : 277417-013

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	6.3		0.25	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B7-SW-E Laboratory Sample ID : 277417-014

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	5.6		0.23	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B7-SW-W Laboratory Sample ID : 277417-015

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	5.8		0.24	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B7-WW-S Laboratory Sample ID : 277417-016

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	30		0.24	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B7-WW-N Laboratory Sample ID : 277417-017

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	490		2.4	mg/Kg	As Recd	10.00	EPA 6010B	EPA 3050B

Client Sample ID : B7-EB-2' Laboratory Sample ID : 277417-018

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	23		0.24	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Curtis & Tompkins, Ltd.

Lead

Lab #:	277417	Location:	City Ventures - Oak 2
Client:	Stantec	Prep:	EPA 3050B
Project#:	185703027.203.0001	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	06/03/16
Matrix:	Soil	Received:	06/03/16
Units:	mg/Kg	Analyzed:	06/06/16
Basis:	as received		

Field ID	Type	Lab ID	Result	RL	Diln Fac	Batch#	Prepared
B1-NW-W	SAMPLE	277417-001	1,100	12	50.00	235781	06/05/16
B1-NW-E	SAMPLE	277417-002	800	12	50.00	235781	06/05/16
B1-EW-N	SAMPLE	277417-003	1,400	12	50.00	235781	06/05/16
B1-EW-S	SAMPLE	277417-004	840	12	50.00	235781	06/05/16
B1-SW-E	SAMPLE	277417-005	380	0.25	1.000	235781	06/05/16
B1-SW-W	SAMPLE	277417-006	510	2.4	10.00	235781	06/05/16
B1-WW-S	SAMPLE	277417-007	1,500	24	100.0	235781	06/05/16
B1-WW-N	SAMPLE	277417-008	1,200	23	100.0	235781	06/05/16
B1-EB-2'	SAMPLE	277417-009	1,700	25	100.0	235781	06/05/16
B7-NW-W	SAMPLE	277417-010	210	0.24	1.000	235781	06/05/16
B7-NW-E	SAMPLE	277417-011	25	0.24	1.000	235781	06/05/16
B7-EW-N	SAMPLE	277417-012	60	0.25	1.000	235781	06/05/16
B7-EW-S	SAMPLE	277417-013	6.3	0.25	1.000	235781	06/05/16
B7-SW-E	SAMPLE	277417-014	5.6	0.23	1.000	235781	06/05/16
B7-SW-W	SAMPLE	277417-015	5.8	0.24	1.000	235784	06/06/16
B7-WW-S	SAMPLE	277417-016	30	0.24	1.000	235784	06/06/16
B7-WW-N	SAMPLE	277417-017	490	2.4	10.00	235784	06/06/16
B7-EB-2'	SAMPLE	277417-018	23	0.24	1.000	235784	06/06/16
	BLANK	QC838267	ND	0.24	1.000	235781	06/05/16
	BLANK	QC838281	ND	0.24	1.000	235784	06/06/16

ND= Not Detected
RL= Reporting Limit

Batch QC Report

Lead

Lab #:	277417	Location:	City Ventures - Oak 2
Client:	Stantec	Prep:	EPA 3050B
Project#:	185703027.203.0001	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	06/03/16
Matrix:	Soil	Received:	06/03/16
Units:	mg/Kg	Analyzed:	06/06/16
Basis:	as received		

Field ID	Type	MSS Lab ID	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln Fac	Batch#	Prepared
	LCS		QC838268		50.30	51.41	102	80-120			1.000	235781	06/05/16
B1-NW-W	MS	277417-001	QC838269	1,080	47.66	1,311	484 NM	53-125			50.00	235781	06/05/16
B1-NW-W	MSD	277417-001	QC838270		48.17	1,064	-34 NM	53-125	21	42	50.00	235781	06/05/16
	LCS		QC838282		47.94	49.31	103	80-120			1.000	235784	06/06/16
B7-WW-S	MS	277417-016	QC838283	29.70	49.36	75.62	93	53-125			1.000	235784	06/06/16
B7-WW-S	MSD	277417-016	QC838284		48.26	73.21	90	53-125	2	42	1.000	235784	06/06/16

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

Curtis & Tompkins, Ltd.

Lead

Lab #:	277756	Prep:	EPA 3050B
Client:	Stantec	Analysis:	EPA 6010B
Project#:	185703027		
Analyte:	Lead	Sampled:	06/16/16
Matrix:	Soil	Received:	06/16/16
Units:	mg/Kg	Prepared:	06/17/16
Basis:	as received	Analyzed:	06/17/16

Field ID	Type	Lab ID	Result	RL	Diln Fac	Batch#
B1-N-1	SAMPLE	277756-001	1,600	12	50.00	236173
B1-E-1	SAMPLE	277756-002	5.9	0.26	1.000	236173
B1-E-2	SAMPLE	277756-003	6.1	0.28	1.000	236173
B1-E-3	SAMPLE	277756-004	7.9	0.25	1.000	236173
B1-E-4	SAMPLE	277756-005	11	0.26	1.000	236173
B1-S-1	SAMPLE	277756-006	7.6	0.27	1.000	236173
B1-S-2	SAMPLE	277756-007	120	0.25	1.000	236173
B1-S-3	SAMPLE	277756-008	14	0.23	1.000	236173
B1-S-4	SAMPLE	277756-009	7.2	0.25	1.000	236173
B1-W-1	SAMPLE	277756-010	19	0.26	1.000	236173
B1-W-2	SAMPLE	277756-011	630	13	50.00	236173
B1-W-3	SAMPLE	277756-012	11	0.23	1.000	236173
B1-W-4	SAMPLE	277756-013	6.1	0.23	1.000	236173
B1-B-1	SAMPLE	277756-014	1,100	14	50.00	236173
B1-B-2	SAMPLE	277756-015	6.8	0.24	1.000	236173
B1-B-3	SAMPLE	277756-016	3.9	0.26	1.000	236173
B1-B-4	SAMPLE	277756-017	7.3	0.26	1.000	236173
B1-B-5	SAMPLE	277756-018	510	0.27	1.000	236173
B7-N-1	SAMPLE	277756-019	4.5	0.26	1.000	236173
B7-N-2	SAMPLE	277756-020	4.1	0.23	1.000	236173
B7-E-1	SAMPLE	277756-021	15	0.24	1.000	236176
B7-W-1	SAMPLE	277756-022	4.5	0.24	1.000	236176
B7-W-2	SAMPLE	277756-023	4.8	0.23	1.000	236176
B7-S-1	SAMPLE	277756-024	4.5	0.23	1.000	236176
B7-B-1	SAMPLE	277756-025	3.7	0.23	1.000	236176
B7-B-2	SAMPLE	277756-026	5.1	0.23	1.000	236176
B7-B-3	SAMPLE	277756-027	5.6	0.25	1.000	236176
B7-N-3	SAMPLE	277756-028	6.6	0.26	1.000	236176
B7-E-2	SAMPLE	277756-029	5.9	0.24	1.000	236176
B7-E-3	SAMPLE	277756-030	4.5	0.25	1.000	236176
B7-S-2	SAMPLE	277756-031	3.9	0.26	1.000	236176
B7-S-3	SAMPLE	277756-032	4.1	0.27	1.000	236176
B7-W-3	SAMPLE	277756-033	3.9	0.24	1.000	236176
B7-B-4	SAMPLE	277756-034	3.6	0.25	1.000	236176
	BLANK	QC839827	ND	0.28	1.000	236173
	BLANK	QC839837	ND	0.25	1.000	236176

ND= Not Detected
RL= Reporting Limit

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

June 30, 2016

Dan Schreiner
Stantec Consulting Services
1340 Treat Blvd
Walnut Creek, CA 945972101

RE: Project: City Ventures Oak 2
Pace Project No.: 1269361

Dear Dan Schreiner:
Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

LeeAnn Heathcote
leeann.heathcote@pacelabs.com
Project Manager

Enclosures

cc: Data Dept for EDDs, Stantec

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

CERTIFICATIONS

Project: City Ventures Oak 2
Pace Project No.: 1269361

Davis Cerification IDs

2795 Second Street Suite 300 Davis, CA 95618
North Dakota Certification #: R-214
Oregon Certification #: CA300002
Washington Certification #: C926-15a
California Certification #: 08263CA
Minnesota Department of Health Certification #: 006-999-465

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

SAMPLE SUMMARY

Project: City Ventures Oak 2
Pace Project No.: 1269361

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1269361001	**B1-E-5**	Solid	06/28/16 11:30	06/29/16 09:55
1269361002	**B1-E-6**	Solid	06/28/16 11:30	06/29/16 09:55
1269361003	**B1-N-5**	Solid	06/28/16 12:50	06/29/16 09:55
1269361004	**B1-S-5**	Solid	06/28/16 13:30	06/29/16 09:55
1269361005	**B1-S-6**	Solid	06/28/16 13:30	06/29/16 09:55
1269361006	**B1-S-7**	Solid	06/28/16 13:30	06/29/16 09:55
1269361007	**B1-S-8**	Solid	06/28/16 13:30	06/29/16 09:55
1269361008	**B1-N-6**	Solid	06/28/16 14:30	06/29/16 09:55
1269361009	**B1-N-7**	Solid	06/28/16 14:30	06/29/16 09:55
1269361010	**B1-W-5**	Solid	06/28/16 14:35	06/29/16 09:55
1269361011	**B1-W-6**	Solid	06/28/16 14:35	06/29/16 09:55
1269361012	**B1-W-7**	Solid	06/28/16 14:35	06/29/16 09:55
1269361013	**B1-W-8**	Solid	06/28/16 14:35	06/29/16 09:55

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SAMPLE ANALYTE COUNT

Project: City Ventures Oak 2
Pace Project No.: 1269361

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
1269361001	**B1-E-5**	EPA 6010B	JLL	1	PASI-DAV
1269361002	**B1-E-6**	EPA 6010B	JLL	1	PASI-DAV
1269361003	**B1-N-5**	EPA 6010B	JLL	1	PASI-DAV
1269361004	**B1-S-5**	EPA 6010B	JLL	1	PASI-DAV
1269361005	**B1-S-6**	EPA 6010B	JLL	1	PASI-DAV
1269361006	**B1-S-7**	EPA 6010B	JLL	1	PASI-DAV
1269361007	**B1-S-8**	EPA 6010B	JLL	1	PASI-DAV
1269361008	**B1-N-6**	EPA 6010B	JLL	1	PASI-DAV
1269361009	**B1-N-7**	EPA 6010B	JLL	1	PASI-DAV
1269361010	**B1-W-5**	EPA 6010B	JLL	1	PASI-DAV
1269361011	**B1-W-6**	EPA 6010B	JLL	1	PASI-DAV
1269361012	**B1-W-7**	EPA 6010B	JLL	1	PASI-DAV
1269361013	**B1-W-8**	EPA 6010B	JLL	1	PASI-DAV

Pace Analytical Services, Inc.
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SUMMARY OF DETECTION

Project: City Ventures Oak 2
Pace Project No.: 1269361

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1269361001	**B1-E-5**					
EPA 6010B	Lead	7.4	mg/kg	0.47	06/30/16 09:47	
1269361002	**B1-E-6**					
EPA 6010B	Lead	5.6	mg/kg	0.50	06/30/16 09:57	
1269361003	**B1-N-5**					
EPA 6010B	Lead	51.1	mg/kg	0.50	06/30/16 10:01	
1269361004	**B1-S-5**					
EPA 6010B	Lead	9.0	mg/kg	0.48	06/30/16 10:04	
1269361005	**B1-S-6**					
EPA 6010B	Lead	6.9	mg/kg	0.47	06/30/16 10:08	
1269361006	**B1-S-7**					
EPA 6010B	Lead	13.4	mg/kg	0.49	06/30/16 10:11	
1269361007	**B1-S-8**					
EPA 6010B	Lead	4.3	mg/kg	0.47	06/30/16 10:21	
1269361008	**B1-N-6**					
EPA 6010B	Lead	61.1	mg/kg	0.45	06/30/16 10:25	
1269361009	**B1-N-7**					
EPA 6010B	Lead	9.6	mg/kg	0.47	06/30/16 10:28	
1269361010	**B1-W-5**					
EPA 6010B	Lead	16.5	mg/kg	0.50	06/30/16 10:32	
1269361011	**B1-W-6**					
EPA 6010B	Lead	7.2	mg/kg	0.50	06/30/16 10:35	
1269361012	**B1-W-7**					
EPA 6010B	Lead	145	mg/kg	0.46	06/30/16 10:38	
1269361013	**B1-W-8**					
EPA 6010B	Lead	6.6	mg/kg	0.48	06/30/16 10:42	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: City Ventures Oak 2
Pace Project No.: 1269361

Sample: B1-E-5 **Lab ID: 1269361001** Collected: 06/28/16 11:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**7.4**	mg/kg	0.47	1	06/29/16 12:35	06/30/16 09:47	7439-92-1	

Sample: B1-E-6 **Lab ID: 1269361002** Collected: 06/28/16 11:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**5.6**	mg/kg	0.50	1	06/29/16 12:35	06/30/16 09:57	7439-92-1	

Sample: B1-N-5 **Lab ID: 1269361003** Collected: 06/28/16 12:50 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**51.1**	mg/kg	0.50	1	06/29/16 12:35	06/30/16 10:01	7439-92-1	

Sample: B1-S-5 **Lab ID: 1269361004** Collected: 06/28/16 13:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**9.0**	mg/kg	0.48	1	06/29/16 12:35	06/30/16 10:04	7439-92-1	

Sample: B1-S-6 **Lab ID: 1269361005** Collected: 06/28/16 13:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**6.9**	mg/kg	0.47	1	06/29/16 12:35	06/30/16 10:08	7439-92-1	

Sample: B1-S-7 **Lab ID: 1269361006** Collected: 06/28/16 13:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**13.4**	mg/kg	0.49	1	06/29/16 12:35	06/30/16 10:11	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: City Ventures Oak 2
Pace Project No.: 1269361

Sample: B1-S-8 **Lab ID: 1269361007** Collected: 06/28/16 13:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**4.3**	mg/kg	0.47	1	06/29/16 12:35	06/30/16 10:21	7439-92-1	

Sample: B1-N-6 **Lab ID: 1269361008** Collected: 06/28/16 14:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**61.1**	mg/kg	0.45	1	06/29/16 12:35	06/30/16 10:25	7439-92-1	

Sample: B1-N-7 **Lab ID: 1269361009** Collected: 06/28/16 14:30 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**9.6**	mg/kg	0.47	1	06/29/16 12:35	06/30/16 10:28	7439-92-1	

Sample: B1-W-5 **Lab ID: 1269361010** Collected: 06/28/16 14:35 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**16.5**	mg/kg	0.50	1	06/29/16 12:35	06/30/16 10:32	7439-92-1	

Sample: B1-W-6 **Lab ID: 1269361011** Collected: 06/28/16 14:35 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**7.2**	mg/kg	0.50	1	06/29/16 12:35	06/30/16 10:35	7439-92-1	

Sample: B1-W-7 **Lab ID: 1269361012** Collected: 06/28/16 14:35 Received: 06/29/16 09:55 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**145**	mg/kg	0.46	1	06/29/16 12:35	06/30/16 10:38	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: City Ventures Oak 2
Pace Project No.: 1269361

Sample: B1-W-8 **Lab ID: 1269361013** Collected: 06/28/16 14:35 Received: 06/29/16 09:55 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**6.6**	mg/kg	0.48	1	06/29/16 12:35	06/30/16 10:42	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: City Ventures Oak 2
Pace Project No.: 1269361

QC Batch: DAMP/2066 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 1269361001, 1269361002, 1269361003, 1269361004, 1269361005, 1269361006, 1269361007, 1269361008, 1269361009, 1269361010, 1269361011, 1269361012, 1269361013

METHOD BLANK: 337550 Matrix: Solid
Associated Lab Samples: 1269361001, 1269361002, 1269361003, 1269361004, 1269361005, 1269361006, 1269361007, 1269361008, 1269361009, 1269361010, 1269361011, 1269361012, 1269361013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	0.48	06/30/16 09:40	

LABORATORY CONTROL SAMPLE: 337551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	46.7	47.4	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 337552 337553

Parameter	Units	1269361001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	7.4	48.1	45.5	49.0	48.0	87	89	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALIFIERS

Project: City Ventures Oak 2
Pace Project No.: 1269361

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-DAV Pace Analytical Services - Davis

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: City Ventures Oak 2
Pace Project No.: 1269361

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1269361001	**B1-E-5**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361002	**B1-E-6**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361003	**B1-N-5**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361004	**B1-S-5**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361005	**B1-S-6**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361006	**B1-S-7**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361007	**B1-S-8**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361008	**B1-N-6**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361009	**B1-N-7**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361010	**B1-W-5**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361011	**B1-W-6**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361012	**B1-W-7**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322
1269361013	**B1-W-8**	EPA 3050	DAMP/2066	EPA 6010B	DAMT/2322

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

Section A Required Client Information:

Company: Stantec
Address: 1340 Treat Blvd Walnut Creek, CA
Email To: dan.schreiner@stantec.com
Phone: 916-384-0766 Fax:
Requested Due Date/TAT: 24 HR TAT

Section B Required Project Information: Dan Schreiner

Report To: ~~Sean Foy~~
Copy To: Site: Oakland 2
Purchase Order No.:
Project Name: City Ventures 52
Project Number: 185703027

Section C Invoice Information:

Attention: Dan Schreiner
Company Name: Stantec
Address:
Pace Quote Reference:
Pace Project Manager: Lee Ann Heatwole
Pace Profile #:

REGULATORY AGENCY: NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, OTHER
Site Location STATE: CA

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead (6010)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	B1-E-5	S		6/28/16	1130		1	X									X		001
	B1-E-6	S		6/28/16	1130		1										X		002
	B1-N-5	S		6/28/16	1250		1										X		003
	B1-S-5	S		6/28/16	1330		1										X		004
	~~B1-~~ B1-S-6						1										X		005
	B1-S-7						1										X		006
	B1-S-8						1										X		007
	B1-N-6			6/28/16	1430		1										X		008
	B1-N-7				1430		1										X		009
	B1-W-5				1435		1										X		010

1269361

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Khamly Chuop	6/28/16	1500		062916	0955	23.8	N	N	Y

Electronic Data Deliverable (EDD): EQuIS (format) Excel
State Specific: CA EDF (Global ID: _____) WA EIM
CA WriteOn (Site: _____) Other _____

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Khamly Chuop
SIGNATURE of SAMPLER: Khamly Chuop
DATE Signed (MM/DD/YY): 6/28/16

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: Stantec
Address: 1340 Treat Blvd Walnut Creek, CA
Email To: dan.schreiner@stantec.com
Phone: 916-384-0766 Fax:
Requested Due Date/TAT: 24 HR TAT

Section B Required Project Information:

Report To: Dan Schreiner
Copy To:
Purchase Order No.:
Project Name: City Ventures Oak 2
Project Number: 185703027

Section C Invoice Information:

Attention: Dan Schreiner
Company Name: Stantec
Address:
Pace Quote Reference:
Pace Project Manager: LeeAnn Heathcote
Pace Profile #:

REGULATORY AGENCY: NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, OTHER

Site Location STATE:

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS Unpreserved	Preservatives H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: Lead (6010)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	B1-W-6	SL		6/28/2016	1435		1 X								X		011
	B1-W-7	SL		↓	↓		1 X								X		012
	B1-W-8	SL		↓	↓		1 X								X		013

126936 1

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	6/28/16	1500		062916	0955	

Electronic Data Deliverable (EDD): EQuIS (format) Excel

State Specific: CA EDF (Global ID: _____) WA EIM
CA WriteOn (Site: _____) Other _____

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Khanly Chuon

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 6/28/16

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical®	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 25Feb2015 Page 1 of 1
	Document No.: **F-DAV-C-002-rev.02**	Issuing Authority: Pace Davis, CA Quality Office

Sample Condition Upon Receipt

Client Name: Stantec

Project #:

WO# : 1269361

1269361

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ OnTrac ☐ Other:

Tracking Number: 7766 1638 4651

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other:

Temp Blank? ☐ Yes ☑ No

Thermom. Used: ☑ DA1434 ☐ DA2285 4 Ey 062916

Type of Ice: ☐ Wet ☐ Blue ☐ Dry Ice ☑ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read(°C): 23.8 **Cooler Temp Corrected(°C):** 23.8

Temp should be above freezing to 6°C **Correction Factor:** +0.4

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Date and Initials of Person Examining Contents: Ey 062916

	Yes	No	N/A	Comments:
Chain of Custody Present?	☑	☐	☐	1.
Chain of Custody Filled Out?	☑	☐	☐	2.
Chain of Custody Relinquished?	☑	☐	☐	3.
Sampler Name and/or Signature on COC?	☑	☐	☐	4.
Samples Arrived within Hold Time?	☑	☐	☐	5.
Short Hold Time Analysis (<72 hr)?	☐	☑	☐	6.
Rush Turn Around Time Requested?	☑	☐	☐	7.
Sufficient Volume?	☑	☐	☐	8.
Correct Containers Used?	☑	☐	☐	9.
-Pace Containers Used?	☐	☑	☐	
Containers Intact?	☑	☐	☐	10.
Filtered Volume Received for Dissolved Tests?	☐	☐	☑	11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: SL	☐	☑	☐	12. Dates + times not clear on some plastic bags
All containers needing acid/base preservation have been checked?	☐	☐	☑	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐	☐	☑	Sample #
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☐	☑		Initial when completed: ______ Lot # of added preservative: ______
Headspace in VOA Vials (>6mm)?	☐	☐	☑	14.
Trip Blank Present?	☐	☐	☑	15.
Trip Blank Custody Seals Present?	☐	☐	☑	
Pace Trip Blank Lot # (if purchased): ______				

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: ______ Date/Time: ______

Comments/Resolution: ______

Project Manager Review: LaDWashcote **Date:** 6/29/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

1269361

Pace Analytical	Document Name: **Soil Checklist**	Document Revised: 13Jan2016 Page 1 of 1
	Document No.: **F-DAV-C-028-Rev.00**	Issuing Authority: Pace Davis Quality Office

SOIL CHECKLIST

To Be Completed by SR Staff:

Client: Stantec Date: 6/29/16 Initials: Emy

Are any samples from a depth of ≤ 6 ft?	☐ Yes ☐ No ☒ Not indicated (If No, proceed with receipt, samples are not regulated.)	
Sample Origin (circle one):	FOREIGN	DOMESTIC
(Note: soil samples from Hawaii and Puerto Rico are considered to be of a Foreign Source)		
If Foreign, list County of Origin:		
If Domestic, circle State of Origin:	AL AR AZ (CA) FL GA ID LA MS NC NM NY OK OR SC TN TX WA ☐ NONE OF THE ABOVE (If None of the Above, proceed with receipt, samples are not regulated.)	
If from a circled state above, County of Origin	*If unknown, contact PM. Project cannot be received until this is determined.* Alameda	
Is County of Origin in a Regulated or Quarantined Zone?	☒ Yes ☐ No (If No, proceed with receipt, samples are not regulated.)	

REQUIREMENT	ACTION	COMPLETED
Samples from a depth of > 6 feet are not regulated under APHIS / USDA guidelines	Were samples segregated by depth ≤ or > 6 feet? (If samples from > 6 feet were in direct contact with soil from ≤ 6 ft, all soils must be treated as regulated.)	YES NO (N/A)
Yellow stickers are to be placed on all regulated samples.	Did yellow stickers get placed on all sample containers?	(YES) NO
Samples must be segregated and stored in designated bins, shelves and coolers.	Were samples placed in a designated cooler, containers and shelves?	(YES) NO
Samples must be double contained to prevent accidental release.	Were there any signs of breakage or leakage (check for broken glass and/or loose soil in the cooler)?	YES (NO)
	If NO, ice and melt water can be disposed of by normal process (down the drain).	
	If **YES**, were ice and melt water separated from the cooler and disposed of properly?	YES NO (N/A)
	Any broken glass and/or loose soil are to be bagged and placed in a USDA Regulated satellite container or active drum (see Waste Coordinator). Ice and melt water must be containerized and sterilized by adding enough bleach to achieve a 10% concentration and allowed to sit for ≥ 30 minutes before disposing.	
Equipment and supplies that have come into contact samples must be decontaminated.	Was the cooler(s) and/or countertop(s) decontaminated using a fresh 10% bleach solution? *(Gloves and other lab supplies will be bagged and placed in the SR USDA Regulated satellite container).*	(YES) NO

To Be Completed by PM/PC for Regulated Soils:

Sample Analysis to be conducted at (circle all that apply): Davis Subcontract Lab

Name of Subcontract Lab(s):

REQUIREMENT	ACTION	COMPLETED
USDA / APHIS rep must be informed by email prior to shipping untreated soil to any subcontract lab, including IR Pace Labs.	Anthony Jackson, USDA APHIS PPQ Tel.: (916) 930-5536 Email: Anthony.S.Jackson@aphis.usda.gov	YES NO N/A
Shipment must include a valid copy of the receiving lab's permit along with all required forms.	Is a copy of all needed paperwork included with the COC? Do NOT ship samples until all necessary paperwork is compiled.	YES NO N/A

Comments: The COC states site as Oakland

Project Manager Signature: Ladd Heathcote Date: 6/29/16

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

July 12, 2016

Dan Schreiner
Stantec Consulting Services
1340 Treat Blvd
Walnut Creek, CA 945972101

RE: Project: City Ventures
Pace Project No.: 1270032

Dear Dan Schreiner:
Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

LeeAnn Heathcote
leeann.heathcote@pacelabs.com
Project Manager

Enclosures

cc: Data Dept for EDDs, Stantec

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

CERTIFICATIONS

Project: City Ventures
Pace Project No.: 1270032

Davis Cerification IDs

2795 Second Street Suite 300 Davis, CA 95618
North Dakota Certification #: R-214
Oregon Certification #: CA300002
Washington Certification #: C926-15a
California Certification #: 08263CA
Minnesota Department of Health Certification #: 006-999-465

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

SAMPLE SUMMARY

Project: City Ventures
Pace Project No.: 1270032

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1270032001	**B1-W-9**	Solid	07/08/16 10:32	07/08/16 12:35
1270032002	**B1-W-10**	Solid	07/08/16 10:34	07/08/16 12:35
1270032003	**B1-W-11**	Solid	07/08/16 10:36	07/08/16 12:35
1270032004	**B1-W-12**	Solid	07/08/16 10:38	07/08/16 12:35

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

SAMPLE ANALYTE COUNT

Project: City Ventures
Pace Project No.: 1270032

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
1270032001	**B1-W-9**	EPA 6010B	JLL	1	PASI-DAV
1270032002	**B1-W-10**	EPA 6010B	JLL	1	PASI-DAV
1270032003	**B1-W-11**	EPA 6010B	JLL	1	PASI-DAV
1270032004	**B1-W-12**	EPA 6010B	JLL	1	PASI-DAV

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

SUMMARY OF DETECTION

Project: City Ventures
Pace Project No.: 1270032

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1270032001	**B1-W-9**					
EPA 6010B	Lead	221	mg/kg	0.47	07/11/16 14:25	
1270032002	**B1-W-10**					
EPA 6010B	Lead	136	mg/kg	0.46	07/11/16 14:29	
1270032003	**B1-W-11**					
EPA 6010B	Lead	960	mg/kg	0.46	07/11/16 14:32	
1270032004	**B1-W-12**					
EPA 6010B	Lead	63.9	mg/kg	0.48	07/11/16 14:36	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: City Ventures
Pace Project No.: 1270032

Sample: B1-W-9 **Lab ID: 1270032001** Collected: 07/08/16 10:32 Received: 07/08/16 12:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**221**	mg/kg	0.47	1	07/11/16 07:20	07/11/16 14:25	7439-92-1	

Sample: B1-W-10 **Lab ID: 1270032002** Collected: 07/08/16 10:34 Received: 07/08/16 12:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**136**	mg/kg	0.46	1	07/11/16 07:20	07/11/16 14:29	7439-92-1	

Sample: B1-W-11 **Lab ID: 1270032003** Collected: 07/08/16 10:36 Received: 07/08/16 12:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**960**	mg/kg	0.46	1	07/11/16 07:20	07/11/16 14:32	7439-92-1	

Sample: B1-W-12 **Lab ID: 1270032004** Collected: 07/08/16 10:38 Received: 07/08/16 12:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**63.9**	mg/kg	0.48	1	07/11/16 07:20	07/11/16 14:36	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: City Ventures
Pace Project No.: 1270032

QC Batch: 87257 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 1270032001, 1270032002, 1270032003, 1270032004

METHOD BLANK: 341704 Matrix: Solid
Associated Lab Samples: 1270032001, 1270032002, 1270032003, 1270032004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	0.49	07/11/16 13:47	

LABORATORY CONTROL SAMPLE: 341705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	49.5	50.9	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 341706 341707

Parameter	Units	1269418001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	2.3	49.8	48.9	50.4	48.9	97	95	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: City Ventures
Pace Project No.: 1270032

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-DAV Pace Analytical Services - Davis

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: City Ventures
Pace Project No.: 1270032

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1270032001	**B1-W-9**	EPA 3050	87257	EPA 6010B	87346
1270032002	**B1-W-10**	EPA 3050	87257	EPA 6010B	87346
1270032003	**B1-W-11**	EPA 3050	87257	EPA 6010B	87346
1270032004	**B1-W-12**	EPA 3050	87257	EPA 6010B	87346

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A
Required Client Information:

Company:	Stantec Consulting Services
Address:	3875 Atherton Road
	Rocklin, CA 95765
Email:	DAN.SCHREINER@STANTEC.COM
Phone:	(916) 472-3915 Fax:
Requested Due Date:	24-HOUR

Section B
Required Project Information:

Report To:	Dan Schreiner
Copy To:	SEAN COYLE
	SEAN.COYLE@STANTEC.COM
Purchase Order #:	
Project Name:	City Ventures
Project #:	185703027

Section C
Invoice Information:

Attention:	DAN SCHREINER
Company Name:	STANTEC CONSULTING SERVICES
Address:	3875 ATHERTON ROAD, ROCKLIN, CA 95765
Pace Quote:	
Pace Project Manager:	leeann.heathcote@pacelabs.com,
Pace Profile #:	5025

Regulatory Agency

State / Location: CA

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6010 Pb only	Residual Chlorine (Y/N)	1270032
1	B1-W-9	SL	G	7/8/16	1032				1	X									X		001
2	B1-W-10	SL	G	7/8/16	1034				1	X									X		002
3	B1-W-11	SL	G	7/8/16	1036				1	X									X		003
4	B1-W-12	SL	G	7/8/16	1038				1	X									X		004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature] STANTEC	7/8/16	12:35	[signature] PACE Analytical	070816	1235	25.6	N	N	Y

SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

Pace Analytical®	Document Name: Sample Condition Upon Receipt Form	Document Revised: 25Feb2015 Page 1 of 1
	Document No.: F-DAV-C-002-rev.02	Issuing Authority: Pace Davis, CA Quality Office

Sample Condition Upon Receipt

Client Name: Stantec

Project #:

WO# : 1270032

1270032

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ OnTrac ☐ Other:

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☐ Yes ☒ No

Thermom. Used: ☒ DA1434 ☐ DA2285 **Type of Ice:** ☐ Wet ☐ Blue ☐ Dry Ice ☒ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read(°C): 24.6 **Cooler Temp Corrected(°C):** 25.6 **Biological Tissue Frozen?** ☐ Yes ☐ No ☒ N/A

Temp should be above freezing to 6°C **Correction Factor:** +1.0 **Date and Initials of Person Examining Contents:** 07/08/16

Comments:

Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☐ Yes	☒ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: SL	☒ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☒ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☒ N/A	Sample #
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☐ Yes	☒ No		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☒ N/A	14.
Trip Blank Present?	☐ Yes	☒ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 7/8/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO# : 1270032
PM: LAH Due Date: 07/11/16
CLIENT: 19StantecRC1

Pace Analytical	Document Name: Soil Checklist	
	Document No.: F-DAV-C-028-Rev.01	Pace Davis Quality Office

SOIL CHECKLIST

To Be Completed by SR Staff:

Client: Stantec Date: 070816 Initials: [illegible]

Are any samples from a depth of ≤ 6 ft?	☐ Yes ☐ No ☒ Not indicated	
Is sub any analysis requested?	☐ Yes ☒ No (If No to both questions, proceed with receipt, samples are not regulated.)	
Sample Origin (circle one):	FOREIGN	DOMESTIC
(Note: soil samples from Hawaii and Puerto Rico are considered to be of a Foreign Source)		
If Foreign, list County of Origin:	N/A	
If Domestic, circle State of Origin:	AL AR AZ (CA) FL GA ID LA MS NC NM NY OK OR SC TN TX VA ☐ NONE OF THE ABOVE (If None of the Above, proceed with receipt, samples are not regulated.)	
If from a circled state above, County of Origin	*If unknown, contact PM, Project cannot be received until this is determined.* Alameda	
Is sample from a Regulated or Quarantined Zone?	☒ Yes ☐ No (If No, proceed with receipt, samples are not regulated.)	

REQUIREMENT	ACTION	COMPLETED
Samples from a depth of > 6 feet are not regulated under APHIS / USDA guidelines	Were samples segregated by depth ≤ or > 6 feet? (If samples from > 6 feet were in direct contact with soil from ≤ 6 ft, all soils must be treated as regulated.)	YES NO (N/A)
	Samples from a depth of >6 feet are exempt from classification as regulated soil per California APHIS /USDA guidelines. For sub analyses, the receiving lab must confirm that the >6 feet exemption is allowable. Otherwise, treat the sub samples as regulated soil regardless of sample depth.	
Samples must be double contained to prevent accidental release.	Were there any signs of breakage or leakage (check for broken glass and/or loose soil in the cooler)?	YES (NO)
	If NO, ice and melt water can be disposed of by normal process (down the drain).	
	If **YES**, were ice and melt water separated from the cooler and disposed of properly?	YES NO (N/A)
	Any broken glass and/or loose soil are to be bagged and placed in a USDA Regulated satellite container or active drum (see Waste Coordinator). Ice and melt water must be containerized and sterilized by adding enough bleach to achieve a 10% concentration and allowed to sit for ≥ 30 minutes before disposing.	
Samples must be segregated and stored in designated bins, shelves and coolers.	Were samples placed in a designated cooler, containers and shelves?	(YES) NO
Yellow stickers are to be placed on all regulated samples.	Did yellow stickers get placed on all sample containers?	(YES) NO
Equipment and supplies that have come into contact samples must be decontaminated.	Was the cooler(s) and/or countertop(s) decontaminated using a fresh 10% bleach solution? *(Gloves and other lab supplies will be bagged and placed in the SR USDA Regulated satellite container).*	(YES) NO

To Be Completed by PM/PC for Regulated Soils:

Sample Analysis to be conducted at (circle all that apply): (Davis) Subcontract Lab

Name of Subcontract Lab(s): _____

REQUIREMENT	ACTION	COMPLETED
USDA / APHIS rep must be informed by email prior to shipping untreated soil to any subcontract lab, including IR Pace Labs.	Anthony Jackson, USDA APHIS PPQ Tel.: (916) 930-5536 Email: Anthony.S.Jackson@aphis.usda.gov	YES NO N/A
Shipment must include a valid copy of the receiving lab's permit along with all required forms.	Is a copy of all needed paperwork included with the COC? Do NOT ship samples until all necessary paperwork is compiled.	YES NO N/A

Comments: _____

Project Manager Signature: [signature] Date: 7/8/16

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

July 25, 2016

Dan Schreiner
Stantec Consulting Services
1340 Treat Blvd
Walnut Creek, CA 945972101

RE: Project: City Ventures Oakland 2
Pace Project No.: 1271027

Dear Dan Schreiner:
Enclosed are the analytical results for sample(s) received by the laboratory on July 21, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

LeeAnn Heathcote
leeann.heathcote@pacelabs.com
Project Manager

Enclosures

cc: Data Dept for EDDs, Stantec

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

CERTIFICATIONS

Project: City Ventures Oakland 2
Pace Project No.: 1271027

Davis Cerification IDs

2795 Second Street Suite 300 Davis, CA 95618
North Dakota Certification #: R-214
Oregon Certification #: CA300002
Washington Certification #: C926-15a
California Certification #: 08263CA
Minnesota Department of Health Certification #: 006-999-465

Pace Analytical Services, Inc.
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(530) 297-4800

SAMPLE SUMMARY

Project: City Ventures Oakland 2
Pace Project No.: 1271027

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1271027001	**B1-W-13**	Solid	07/21/16 13:36	07/21/16 18:30
1271027002	**B1-W-14**	Solid	07/21/16 13:33	07/21/16 18:30
1271027003	**B1-W-15**	Solid	07/21/16 13:35	07/21/16 18:30
1271027004	**B1-W-16**	Solid	07/21/16 13:38	07/21/16 18:30
1271027005	**B1-W-17**	Solid	07/21/16 13:39	07/21/16 18:30
1271027006	**B1-W-18**	Solid	07/21/16 13:40	07/21/16 18:30
1271027007	**B1-W-19**	Solid	07/21/16 13:42	07/21/16 18:30
1271027008	**B1-W-20**	Solid	07/21/16 13:44	07/21/16 18:30
1271027009	**B1-W-21**	Solid	07/21/16 13:45	07/21/16 18:30
1271027010	**B1-W-22**	Solid	07/21/16 13:47	07/21/16 18:30

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SAMPLE ANALYTE COUNT

Project: City Ventures Oakland 2
Pace Project No.: 1271027

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
1271027001	**B1-W-13**	EPA 6010B	JLL	1	PASI-DAV
1271027002	**B1-W-14**	EPA 6010B	JLL	1	PASI-DAV
1271027003	**B1-W-15**	EPA 6010B	JLL	1	PASI-DAV
1271027004	**B1-W-16**	EPA 6010B	JLL	1	PASI-DAV
1271027005	**B1-W-17**	EPA 6010B	JLL	1	PASI-DAV
1271027006	**B1-W-18**	EPA 6010B	JLL	1	PASI-DAV
1271027007	**B1-W-19**	EPA 6010B	JLL	1	PASI-DAV
1271027008	**B1-W-20**	EPA 6010B	JLL	1	PASI-DAV
1271027009	**B1-W-21**	EPA 6010B	JLL	1	PASI-DAV
1271027010	**B1-W-22**	EPA 6010B	JLL	1	PASI-DAV

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SUMMARY OF DETECTION

Project: City Ventures Oakland 2
Pace Project No.: 1271027

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1271027001	**B1-W-13**					
EPA 6010B	Lead	173	mg/kg	0.46	07/25/16 11:48	
1271027002	**B1-W-14**					
EPA 6010B	Lead	21.3	mg/kg	0.49	07/25/16 11:51	
1271027003	**B1-W-15**					
EPA 6010B	Lead	9.4	mg/kg	0.49	07/25/16 12:01	
1271027004	**B1-W-16**					
EPA 6010B	Lead	10.4	mg/kg	0.50	07/25/16 12:05	
1271027005	**B1-W-17**					
EPA 6010B	Lead	1260	mg/kg	0.49	07/25/16 12:08	
1271027006	**B1-W-18**					
EPA 6010B	Lead	29.0	mg/kg	0.46	07/25/16 12:13	
1271027007	**B1-W-19**					
EPA 6010B	Lead	57.0	mg/kg	0.49	07/25/16 12:16	
1271027008	**B1-W-20**					
EPA 6010B	Lead	5.7	mg/kg	0.47	07/25/16 12:20	
1271027009	**B1-W-21**					
EPA 6010B	Lead	5.3	mg/kg	0.46	07/25/16 12:23	
1271027010	**B1-W-22**					
EPA 6010B	Lead	16.9	mg/kg	0.50	07/25/16 12:27	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: City Ventures Oakland 2
Pace Project No.: 1271027

Sample: B1-W-13 **Lab ID: 1271027001** Collected: 07/21/16 13:36 Received: 07/21/16 18:30 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**173**	mg/kg	0.46	1	07/22/16 08:29	07/25/16 11:48	7439-92-1	

Sample: B1-W-14 **Lab ID: 1271027002** Collected: 07/21/16 13:33 Received: 07/21/16 18:30 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**21.3**	mg/kg	0.49	1	07/22/16 08:29	07/25/16 11:51	7439-92-1	

Sample: B1-W-15 **Lab ID: 1271027003** Collected: 07/21/16 13:35 Received: 07/21/16 18:30 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**9.4**	mg/kg	0.49	1	07/22/16 08:29	07/25/16 12:01	7439-92-1	

Sample: B1-W-16 **Lab ID: 1271027004** Collected: 07/21/16 13:38 Received: 07/21/16 18:30 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**10.4**	mg/kg	0.50	1	07/22/16 08:29	07/25/16 12:05	7439-92-1	

Sample: B1-W-17 **Lab ID: 1271027005** Collected: 07/21/16 13:39 Received: 07/21/16 18:30 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**1260**	mg/kg	0.49	1	07/22/16 08:29	07/25/16 12:08	7439-92-1	

Sample: B1-W-18 **Lab ID: 1271027006** Collected: 07/21/16 13:40 Received: 07/21/16 18:30 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**29.0**	mg/kg	0.46	1	07/22/16 08:29	07/25/16 12:13	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: City Ventures Oakland 2
Pace Project No.: 1271027

Sample: B1-W-19 **Lab ID: 1271027007** Collected: 07/21/16 13:42 Received: 07/21/16 18:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**57.0**	mg/kg	0.49	1	07/22/16 08:29	07/25/16 12:16	7439-92-1	

Sample: B1-W-20 **Lab ID: 1271027008** Collected: 07/21/16 13:44 Received: 07/21/16 18:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**5.7**	mg/kg	0.47	1	07/22/16 08:29	07/25/16 12:20	7439-92-1	

Sample: B1-W-21 **Lab ID: 1271027009** Collected: 07/21/16 13:45 Received: 07/21/16 18:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**5.3**	mg/kg	0.46	1	07/22/16 08:29	07/25/16 12:23	7439-92-1	

Sample: B1-W-22 **Lab ID: 1271027010** Collected: 07/21/16 13:47 Received: 07/21/16 18:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**16.9**	mg/kg	0.50	1	07/22/16 08:29	07/25/16 12:27	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(530) 297-4800

QUALITY CONTROL DATA

Project: City Ventures Oakland 2
Pace Project No.: 1271027

QC Batch: 88643 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 1271027001, 1271027002, 1271027003, 1271027004, 1271027005, 1271027006, 1271027007, 1271027008, 1271027009, 1271027010

METHOD BLANK: 348187 Matrix: Solid
Associated Lab Samples: 1271027001, 1271027002, 1271027003, 1271027004, 1271027005, 1271027006, 1271027007, 1271027008, 1271027009, 1271027010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	0.47	07/25/16 10:53	

LABORATORY CONTROL SAMPLE: 348188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	49.5	51.6	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348189 348190

Parameter	Units	1271026029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	7.2	48.1	45.9	49.2	46.4	87	85	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALIFIERS

Project: City Ventures Oakland 2
Pace Project No.: 1271027

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-DAV Pace Analytical Services - Davis

WORKORDER QUALIFIERS

WO: 1271027

[1] Samples were received outside of the recommended temperature range of 0-6 degrees Celsius. The samples were received from the field on ice, indicating the cool down process had begun.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: City Ventures Oakland 2
Pace Project No.: 1271027

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1271027001	**B1-W-13**	EPA 3050	88643	EPA 6010B	88780
1271027002	**B1-W-14**	EPA 3050	88643	EPA 6010B	88780
1271027003	**B1-W-15**	EPA 3050	88643	EPA 6010B	88780
1271027004	**B1-W-16**	EPA 3050	88643	EPA 6010B	88780
1271027005	**B1-W-17**	EPA 3050	88643	EPA 6010B	88780
1271027006	**B1-W-18**	EPA 3050	88643	EPA 6010B	88780
1271027007	**B1-W-19**	EPA 3050	88643	EPA 6010B	88780
1271027008	**B1-W-20**	EPA 3050	88643	EPA 6010B	88780
1271027009	**B1-W-21**	EPA 3050	88643	EPA 6010B	88780
1271027010	**B1-W-22**	EPA 3050	88643	EPA 6010B	88780

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A — Required Client Information:

Company:	STANTEC
Address:	3875 ATHERTON ROAD ROCKLIN, CA 95765
Email To:	DAN.SCHREINER@STANTEC.COM
Phone: (916) 472-3915	Fax:
Requested Due Date/TAT:	24 HR

Section B — Required Project Information:

Report To:	DAN SCHREINER
Copy To:	SEAN.COYLE@STANTEC.COM
Purchase Order No.:	
Project Name:	CITY VENTURES OAKLAND 2
Project Number:	185703027

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: CA — OAKLAND — COUNTY: ALAMEDA

Section D — Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Analysis Test: LEAD	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	B1-W-13	SL	G	7/21/16	1336		1	X									X		1271027 001
	B1-W-14	SL	G		1333		1	X									X		002
	B1-W-15	SL	G		1335		1	X									X		003
	B1-W-16	SL	G		1338		1	X									X		004
	B1-W-17	SL	G		1339		1	X									X		005
	B1-W-18	SL	G		1340		1	X									X		006
	B1-W-19	SL	G		1342		1	X									X		007
	B1-W-20	SL	G		1344		1	X									X		008
	B1-W-21	SL	G		1345		1	X									X		009
	B1-W-22	SL	G		1347		1	X									X		010

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SAME LEAD SAMPLING METHOD AS WITH PREVIOUS SAMPLES	RICHIE WINN / STANTEC	7/21/16	1830	PACE	072216	1830	24.2	N	N	Y

Electronic Data Deliverable (EDD): ☐ EQuIS (format) ☐ Excel

State Specific: ☐ CA EDF (Global ID: _____) ☐ WA EIM ☐ CA WriteOn (Site: _____) ☐ Other _____

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: RICHIE WINN

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 07/21/16

2240 Filbert Oakland ST

Pace Analytical®	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 25Feb2015 Page 1 of 1
	Document No.: **F-DAV-C-002-rev.02**	Issuing Authority: Pace Davis, CA Quality Office

Sample Condition Upon Receipt

Client Name: Stantec **Project #:**

WO#: 1271027

1271027

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ OnTrac ☐ Other:

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other: **Temp Blank?** ☐ Yes ☑ No

Thermom. Used: ☑ DA1434 ☐ DA2285 **Type of Ice:** ☐ Wet ☐ Blue ☐ Dry Ice ☑ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read(°C): 23.2 **Cooler Temp Corrected(°C):** 24.2 **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6°C **Correction Factor:** +1.0 **Date and Initials of Person Examining Contents:** EM 072116

	Yes	No	N/A	Comments:
Chain of Custody Present?	☑	☐	☐	1.
Chain of Custody Filled Out?	☑	☐	☐	2.
Chain of Custody Relinquished?	☑	☐	☐	3.
Sampler Name and/or Signature on COC?	☑	☐	☐	4.
Samples Arrived within Hold Time?	☑	☐	☐	5.
Short Hold Time Analysis (<72 hr)?	☐	☑	☐	6.
Rush Turn Around Time Requested?	☑	☐	☐	7.
Sufficient Volume?	☑	☐	☐	8.
Correct Containers Used?	☑	☐	☐	9.
-Pace Containers Used?	☑	☐	☐	
Containers Intact?	☑	☐	☐	10.
Filtered Volume Received for Dissolved Tests?	☐	☐	☑	11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: SL	☑	☐	☐	12.
All containers needing acid/base preservation have been checked?	☐	☐	☑	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐	☐	☑	Sample #
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☐	☑		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐	☐	☑	14.
Trip Blank Present?	☐	☐	☑	15.
Trip Blank Custody Seals Present?	☐	☐	☑	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Dan Schremmer Date/Time:

Comments/Resolution: Confirm lead only, no Arsenic this project.

Project Manager Review: Scott Ellis **Date:** 7/22/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 1271027
PM: LAH Due Date: 07/25/16
CLIENT: 19StantecRC1

Pace Analytical	Document Name: Soil Checklist	
	Document No.: F-DAV-C-028-Rev.01	Pace Davis Quality Office

SOIL CHECKLIST

To Be Completed by SR Staff:

Client: Stantec Date: 072116 Initials: Ey

Are any samples from a depth of ≤ 6 ft?	☐ Yes ☐ No ☑ Not indicated	
Is sub any analysis requested?	☐ Yes ☑ No (If No to both questions, proceed with receipt, samples are not regulated.)	
Sample Origin (circle one):	FOREIGN	DOMESTIC
(Note: soil samples from Hawaii and Puerto Rico are considered to be of a Foreign Source)		
If Foreign, list County of Origin:		
If Domestic, circle State of Origin:	AL AR AZ (CA) FL GA ID LA MS NC NM NY OK OR SC TN TX VA ☐ NONE OF THE ABOVE (If None of the Above, proceed with receipt, samples are not regulated.)	
If from a circled state above, County of Origin	*If unknown, contact PM. Project cannot be received until this is determined.* Alameda	
Is sample from a Regulated or Quarantined Zone?	☑ Yes ☐ No (If No, proceed with receipt, samples are not regulated.)	

REQUIREMENT	ACTION	COMPLETED
Samples from a depth of > 6 feet are not regulated under APHIS / USDA guidelines	Were samples segregated by depth ≤ or > 6 feet? (If samples from > 6 feet were in direct contact with soil from ≤ 6 ft, all soils must be treated as regulated.)	YES NO (N/A)
	Samples from a depth of >6 feet are exempt from classification as regulated soil per California APHIS /USDA guidelines. For sub analyses, the receiving lab must confirm that the >6 feet exemption is allowable. Otherwise, treat the sub samples as regulated soil regardless of sample depth.	
Samples must be double contained to prevent accidental release.	Were there any signs of breakage or leakage (check for broken glass and/or loose soil in the cooler)?	YES (NO)
	If NO, ice and melt water can be disposed of by normal process (down the drain).	
	If **YES**, were ice and melt water separated from the cooler and disposed of properly?	YES NO (N/A)
	Any broken glass and/or loose soil are to be bagged and placed in a USDA Regulated satellite container or active drum (see Waste Coordinator). Ice and melt water must be containerized and sterilized by adding enough bleach to achieve a 10% concentration and allowed to sit for ≥ 30 minutes before disposing.	
Samples must be segregated and stored in designated bins, shelves and coolers.	Were samples placed in a designated cooler, containers and shelves?	(YES) NO
Yellow stickers are to be placed on all regulated samples.	Did yellow stickers get placed on all sample containers?	(YES) NO
Equipment and supplies that have come into contact samples must be decontaminated.	Was the cooler(s) and/or countertop(s) decontaminated using a fresh 10% bleach solution? *(Gloves and other lab supplies will be bagged and placed in the SR USDA Regulated satellite container).*	(YES) NO

To Be Completed by PM/PC for Regulated Soils:

Sample Analysis to be conducted at (circle all that apply): Davis Subcontract Lab

Name of Subcontract Lab(s): _____

REQUIREMENT	ACTION	COMPLETED
USDA / APHIS rep must be informed by email prior to shipping untreated soil to any subcontract lab, including IR Pace Labs.	Anthony Jackson, USDA APHIS PPQ Tel.: (916) 930-5536 Email: Anthony.S.Jackson@aphis.usda.gov	YES NO N/A
Shipment must include a valid copy of the receiving lab's permit along with all required forms.	Is a copy of all needed paperwork included with the COC? Do NOT ship samples until all necessary paperwork is compiled.	YES NO N/A

Comments: _____

Project Manager Signature: Scott Forbes Date: 7/22/16

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

August 16, 2016

Dan Schreiner
Stantec Consulting Services
1340 Treat Blvd
Walnut Creek, CA 945972101

RE: Project: City Ventures Oakland 2
Pace Project No.: 1272703

Dear Dan Schreiner:
Enclosed are the analytical results for sample(s) received by the laboratory on August 15, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

LeeAnn Heathcote
leeann.heathcote@pacelabs.com
Project Manager

Enclosures

cc: Todd Brown, Stantec
Data Dept for EDDs, Stantec

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

CERTIFICATIONS

Project: City Ventures Oakland 2
Pace Project No.: 1272703

Davis Cerification IDs

2795 Second Street Suite 300 Davis, CA 95618
North Dakota Certification #: R-214
Oregon Certification #: CA300002
Washington Certification #: C926-15a
California Certification #: 08263CA
Minnesota Department of Health Certification #: 006-999-465

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

SAMPLE SUMMARY

Project: City Ventures Oakland 2
Pace Project No.: 1272703

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1272703001	**B1-W-23**	Solid	08/15/16 11:31	08/15/16 15:00
1272703002	**B1-W-24**	Solid	08/15/16 11:33	08/15/16 15:00
1272703003	**B1-W-25**	Solid	08/15/16 11:36	08/15/16 15:00
1272703004	**B1-W-26**	Solid	08/15/16 11:38	08/15/16 15:00
1272703005	**B1-W-27**	Solid	08/15/16 11:41	08/15/16 15:00
1272703006	**B1-W-28**	Solid	08/15/16 11:44	08/15/16 15:00

Pace Analytical Services, Inc.
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(530) 297-4800

SAMPLE ANALYTE COUNT

Project: City Ventures Oakland 2
Pace Project No.: 1272703

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
1272703001	**B1-W-23**	EPA 6010B	JLL	1	PASI-DAV
1272703002	**B1-W-24**	EPA 6010B	JLL	1	PASI-DAV
1272703003	**B1-W-25**	EPA 6010B	JLL	1	PASI-DAV
1272703004	**B1-W-26**	EPA 6010B	JLL	1	PASI-DAV
1272703005	**B1-W-27**	EPA 6010B	JLL	1	PASI-DAV
1272703006	**B1-W-28**	EPA 6010B	JLL	1	PASI-DAV

Pace Analytical Services, Inc.
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(530) 297-4800

SUMMARY OF DETECTION

Project: City Ventures Oakland 2
Pace Project No.: 1272703

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1272703001	**B1-W-23**					
EPA 6010B	Lead	34.2	mg/kg	0.45	08/16/16 13:16	
1272703002	**B1-W-24**					
EPA 6010B	Lead	21.0	mg/kg	0.50	08/16/16 13:20	
1272703003	**B1-W-25**					
EPA 6010B	Lead	11.3	mg/kg	0.46	08/16/16 13:23	
1272703004	**B1-W-26**					
EPA 6010B	Lead	5.1	mg/kg	0.50	08/16/16 13:26	
1272703005	**B1-W-27**					
EPA 6010B	Lead	5.4	mg/kg	0.50	08/16/16 13:30	
1272703006	**B1-W-28**					
EPA 6010B	Lead	4.7	mg/kg	0.50	08/16/16 13:40	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: City Ventures Oakland 2
Pace Project No.: 1272703

Sample: B1-W-23 **Lab ID: 1272703001** Collected: 08/15/16 11:31 Received: 08/15/16 15:00 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**34.2**	mg/kg	0.45	1	08/16/16 07:09	08/16/16 13:16	7439-92-1	

Sample: B1-W-24 **Lab ID: 1272703002** Collected: 08/15/16 11:33 Received: 08/15/16 15:00 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**21.0**	mg/kg	0.50	1	08/16/16 07:09	08/16/16 13:20	7439-92-1	

Sample: B1-W-25 **Lab ID: 1272703003** Collected: 08/15/16 11:36 Received: 08/15/16 15:00 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**11.3**	mg/kg	0.46	1	08/16/16 07:09	08/16/16 13:23	7439-92-1	

Sample: B1-W-26 **Lab ID: 1272703004** Collected: 08/15/16 11:38 Received: 08/15/16 15:00 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**5.1**	mg/kg	0.50	1	08/16/16 07:09	08/16/16 13:26	7439-92-1	

Sample: B1-W-27 **Lab ID: 1272703005** Collected: 08/15/16 11:41 Received: 08/15/16 15:00 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**5.4**	mg/kg	0.50	1	08/16/16 07:09	08/16/16 13:30	7439-92-1	

Sample: B1-W-28 **Lab ID: 1272703006** Collected: 08/15/16 11:44 Received: 08/15/16 15:00 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**4.7**	mg/kg	0.50	1	08/16/16 07:09	08/16/16 13:40	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: City Ventures Oakland 2
Pace Project No.: 1272703

QC Batch: 91118 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 1272703001, 1272703002, 1272703003, 1272703004, 1272703005, 1272703006

METHOD BLANK: 358381 Matrix: Solid
Associated Lab Samples: 1272703001, 1272703002, 1272703003, 1272703004, 1272703005, 1272703006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	0.50	08/16/16 12:46	

LABORATORY CONTROL SAMPLE: 358382

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	48.1	52.4	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 358383 358384

Parameter	Units	1272478002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	50.6	50	50	96.2	92.8	91	85	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALIFIERS

Project: City Ventures Oakland 2
Pace Project No.: 1272703

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-DAV Pace Analytical Services - Davis

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: City Ventures Oakland 2
Pace Project No.: 1272703

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1272703001	**B1-W-23**	EPA 3050	91118	EPA 6010B	91247
1272703002	**B1-W-24**	EPA 3050	91118	EPA 6010B	91247
1272703003	**B1-W-25**	EPA 3050	91118	EPA 6010B	91247
1272703004	**B1-W-26**	EPA 3050	91118	EPA 6010B	91247
1272703005	**B1-W-27**	EPA 3050	91118	EPA 6010B	91247
1272703006	**B1-W-28**	EPA 3050	91118	EPA 6010B	91247

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A — Required Client Information:

Company: STANTEC
Address: 3875 ATHERTON RD ROCKLIN, CA 95765
Email To: DAN.SCHREINER@STANTEC.COM
Phone: (916) 472-3915 Fax:
Requested Due Date/TAT: RUSH - 24 HOUR

Section B — Required Project Information:

Report To: DAN.SCHREINER@STANTEC.COM
Copy To: SEAN.COYLE@STANTEC.COM
Purchase Order No.:
Project Name: CITY VENTURES OAKLAND 2
Project Number: [redacted] 185703027

Section C — Invoice Information:

Attention: DAN SCHREINER
Company Name: STANTEC
Address: 3875 ATHERTON RD, ROCKLIN, CA 95765
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: COUNTY:

Section D — Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead (Pb) at 6010	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	B1-W-23	SL	G	8/15/16	1131		1	X								X	X		001
	B1-W-24	SL	G	8/15/16	1133		1	X								X	X		002
	B1-W-25	SL	G	8/15/16	1136		1	X								X	X		003
	B1-W-26	SL	G	8/15/16	1138		1	X								X	X		004
	B1-W-27	SL	G	8/15/16	1141		1	X								X	X		005
	B1-W-28	SL	G	8/16/16	1144		1	X								X	X		006

1272703

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	RICHIE WINN / STANTEC	8/15/16	1500	Lee Leathers PACE	8/15/16	1500	25.8	N	N	Y

Electronic Data Deliverable (EDD): ☐ EQuIS (format) ☐ Excel

State Specific: ☐ CA EDF (Global ID: _____) ☐ WA EIM ☐ CA WriteOn (Site: _____) ☐ Other _____

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: RICHIE WINN

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 08/15/16

Pace Analytical®	Document Name: Sample Condition Upon Receipt Form	Document Revised: 25Feb2015 Page 1 of 1
	Document No.: F-DAV-C-002-rev.02	Issuing Authority: Pace Davis, CA Quality Office

Sample Condition Upon Receipt **Client Name:** STANTEC **Project #:** WO# : 1272703

1272703

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client
☐ Commercial ☐ Pace ☐ OnTrac ☐ Other:
Tracking Number: N/A

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No **Optional:** Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other: Temp Blank? ☐ Yes ☑ No

Thermom. Used: ☑ DA1434 ☐ DA2285 Type of Ice: ☐ Wet ☐ Blue ☐ Dry Ice ☑ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read(°C): 25.8 Cooler Temp Corrected(°C): 30.8 Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A
Temp should be above freezing to 6°C Correction Factor: +5.0 Date and Initials of Person Examining Contents: 08/15/16 DSL

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☑ Yes	☐ No	☐ N/A	6.
Rush Turn Around Time Requested?	☑ Yes	☐ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☑ No	☐ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: SL	☑ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☐ Yes	☑ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	Sample #
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☐ Yes	☑ No		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☑ N/A	14.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:
Comments/Resolution:

Project Manager Review: [signature] **Date:** 8/16/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

1272703

Pace Analytical	Document Name: **Soil Checklist**	Document Revised: 28Jun2016 Page 1 of 1
	Document No.: **F-DAV-C-028-Rev.01**	Issuing Authority: Pace Davis Quality Office

SOIL CHECKLIST

To Be Completed by SR Staff:
Client: STANTEC Date: 08/15/16 Initials:

Are any samples from a depth of ≤ 6 ft?	☐ Yes ☐ No ☒ Not indicated
Is sub any analysis requested?	☐ Yes ☒ No (If No to both questions, proceed with receipt, samples are not regulated.)
Sample Origin (circle one):	FOREIGN / DOMESTIC
(Note: soil samples from Hawaii and Puerto Rico are considered to be of a Foreign Source)	
If Foreign, list County of Origin:	
If Domestic, circle State of Origin:	AL AR AZ CA FL GA ID LA MS NC NM NY OK OR SC TN TX VA ☐ NONE OF THE ABOVE (If None of the Above, proceed with receipt, samples are not regulated.)
If from a circled state above, County of Origin	*If unknown, contact PM. Project cannot be received until this is determined.* Alameda
Is sample from a Regulated or Quarantined Zone?	☒ Yes ☐ No (If No, proceed with receipt, samples are not regulated.)

REQUIREMENT	ACTION	COMPLETED
Samples from a depth of > 6 feet are not regulated under APHIS / USDA guidelines	Were samples segregated by depth ≤ or > 6 feet? (If samples from > 6 feet were in direct contact with soil from ≤ 6 ft, all soils must be treated as regulated.)	YES NO N/A
	Samples from a depth of >6 feet are exempt from classification as regulated soil per California APHIS /USDA guidelines. For sub analyses, the receiving lab must confirm that the >6 feet exemption is allowable. Otherwise, treat the sub samples as regulated soil regardless of sample depth.	
Samples must be double contained to prevent accidental release.	Were there any signs of breakage or leakage (check for broken glass and/or loose soil in the cooler)?	YES NO
	If NO, ice and melt water can be disposed of by normal process (down the drain).	
	If **YES**, were ice and melt water separated from the cooler and disposed of properly?	YES NO N/A
	Any broken glass and/or loose soil are to be bagged and placed in a USDA Regulated satellite container or active drum (see Waste Coordinator). Ice and melt water must be containerized and sterilized by adding enough bleach to achieve a 10% concentration and allowed to sit for ≥ 30 minutes before disposing.	
Samples must be segregated and stored in designated bins, shelves and coolers.	Were samples placed in a designated cooler, containers and shelves?	YES NO
Yellow stickers are to be placed on all regulated samples.	Did yellow stickers get placed on all sample containers?	YES NO
Equipment and supplies that have come into contact samples must be decontaminated.	Was the cooler(s) and/or countertop(s) decontaminated using a fresh 10% bleach solution? *(Gloves and other lab supplies will be bagged and placed in the SR USDA Regulated satellite container).*	YES NO

To Be Completed by PM/PC for Regulated Soils:
Sample Analysis to be conducted at (circle all that apply): Davis Subcontract Lab
Name of Subcontract Lab(s):

REQUIREMENT	ACTION	COMPLETED
USDA / APHIS rep must be informed by email prior to shipping untreated soil to any subcontract lab, including IR Pace Labs.	Anthony Jackson, USDA APHIS PPQ Tel.: (916) 930-5536 Email: Anthony.S.Jackson@aphis.usda.gov	YES NO N/A
Shipment must include a valid copy of the receiving lab's permit along with all required forms.	Is a copy of all needed paperwork included with the COC? Do NOT ship samples until all necessary paperwork is compiled.	YES NO N/A

Comments:

Project Manager Signature: [signature] Date: 8/16/16

APPENDIX C
Waste Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) WP83759 4N44764 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002882681	1	888-375-5336	**015036099 JJK**

5. Generator's Name and Mailing Address
City Ventures
111 Spear Street
San Francisco, CA 94106 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: G&H Transport — U.S. EPA ID Number: CAR000259382

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117 — 8016

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	DT	18	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Andrew Weiner — Signature: [signature] — Month 11 Day 14 Year 16

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Daniel Gomez — Signature: [signature] — Month 11 Day 14 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Gary Adams — Signature: [signature] — Month 11 Day 14 Year 16

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002882681
2. Page 1 of 1
3. Emergency Response Phone: 800-375-5336
4. Manifest Tracking Number: 015036100 JJK

5. Generator's Name and Mailing Address:
City Ventures
444 Spear Street
San Francisco, CA 94105 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address):
2301 Market Street
San Francisco, CA 94007

6. Transporter 1 Company Name: G & H Transport — U.S. EPA ID Number: CAH000259382

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	DT	18	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029
WP > 6/5 — 1/2 — 1 — 1564

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month 11 Day 14 Year 16

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Daniel Jr Gomez Signature: [signature] Month 11 Day 14 Year 16
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Gil Adas Signature: [signature] Month 11 Day 14 Year 16

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002882681
2. Page 1 of: 1
3. Emergency Response Phone: 888-375-5336
4. Manifest Tracking Number: **015036095 JJK**

5. Generator's Name and Mailing Address:
City Ventures
444 Spear Street
San Francisco, CA 94105 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address):
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: Intatustion Trans #4 — U.S. EPA ID Number: CAL 000415990

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:

U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	D T	18	Y	611
	2.					
	3.					
	4. Truck [illegible] 4PB8563					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Andrew Warren — Signature: [signature] — Month 1 Day 14 Year 16

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert C Mitchell — Signature: Robert C Mitchell — Month 1 Day 14 Year 16
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Gary Ada — Signature: [signature] — Month 1 Day 14 Year 16

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAC002882681	2. Page 1 of 1	3. Emergency Response Phone 888-375-5336	4. Manifest Tracking Number 015036098 JJK

GENERATOR

5. Generator's Name and Mailing Address
City Ventures
111 Spear Street
San Francisco, CA 94105 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: Installation Trans — U.S. EPA ID Number: CAL000415990

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	D T	19	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Andrew Weine — Signature — Month 11 Day 14 Year 16

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Carl Powell — Signature: Carl Powell — Month 11 Day 14 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Gil Hall — Signature — Month 11 Day 14 Year 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002882681
2. Page 1 of 1
3. Emergency Response Phone: 888-375-5366
4. Manifest Tracking Number: 015036094 JJK

GENERATOR

5. Generator's Name and Mailing Address
City Ventures
111 Spear Street
San Francisco, CA 94105 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: Interstate Iron, Inc
U.S. EPA ID Number: CAD009115590

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	D T	18	T	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is ER31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Andrew Warren
Signature:
Month: 11 Day: 14 Year: 16

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jonah Dow
Signature:
Month: 11 Day: Year:
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Chris Arellano
Signature:
Month: 11 Day: 14 Year: 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAC002882581	2. Page 1 of	3. Emergency Response Phone 800-375-5336	4. Manifest Tracking Number 015036096 JJK

5. Generator's Name and Mailing Address
City Ventures
111 Spear Street
San Francisco, CA 94106 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: Inflection Times Inc — U.S. EPA ID Number: CAL00041599O

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	D T	17	Y	611
	2. WP48714 TR					
	3. 4MT8570 TRL CRL026					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible handwriting] — Signature — Month 11 Day 14 Year 16

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible handwriting] — Signature — Month 11 Day 14 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H132	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible handwriting] — Signature — Month 11 Day 14 Year 16

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002882691
2. Page 1 of 1
3. Emergency Response Phone: 888-345-5336
4. Manifest Tracking Number: 015036097 JJK

GENERATOR

5. Generator's Name and Mailing Address
City Ventures
111 Sutter Street
San Francisco, CA 94106 415-450-0295
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: INFAtuation TRANS
U.S. EPA ID Number: CAL000115990

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	DT	18	Y	611
	2. WP73737 / 8226 IA					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Wong
Signature:
Month 11 Day 14 Year 16

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Chris Lugo
Signature: Chris Lugo
Month 11 Day 14 Year 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Gino A[illegible]
Signature:
Month 11 Day 14 Year 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002882681
2. Page 1 of: 1
3. Emergency Response Phone: 888-375-5336
4. Manifest Tracking Number: 015036093 JJK

5. Generator's Name and Mailing Address:
City Ventures
414 Spear Street
San Francisco, CA 94106 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address):
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: Infextuction Trans #4 — U.S. EPA ID Number: CAL000415990

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	DT	18	Y	611
	2.					
	3.					
	4. Truck WP73728 Trailer 4PE8502					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Weiss — Signature: [signature] — Month 11 Day 15 Year 2016

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert Mitchell — Signature: Robert Mitchell — Month 11 Day 15 Year 16
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Gino Adams — Signature: [signature] — Month 11 Day 15 Year 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **TRANSPORTER'S COPY**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002882081
2. Page 1 of: [illegible]
3. Emergency Response Phone: 888-275-5336
4. Manifest Tracking Number: 015036090 JJK

GENERATOR

5. Generator's Name and Mailing Address
City Ventures
444 Spear Street
San Francisco, CA 94105 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: Infiniation Trans Inc #3
U.S. EPA ID Number: CALCCO415490

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UH3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	DT	18	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029
WP 73714
4m J8571

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Andrew Wang
Signature:
Month: 11 Day: 15 Year: 2016

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Danny Lilly
Signature:
Month: 11 Day: 15 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Greg Adams
Signature:
Month: 11 Day: 15 Year: 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COP

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CACO02882021	1	888-375-5336	015036091 JJK

GENERATOR

5. Generator's Name and Mailing Address
City Ventures
444 Spear Street
San Francisco, CA 94105 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name
INFATUATION TRANS
U.S. EPA ID Number
CAL000155990

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number
CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	DT	18	Y	611
	2. WP73737 / 8226IH					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kevin Wine
Signature:
Month: 11 Day: 15 Year: 2016

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Chris Lugo
Signature:
Month: 11 Day: 15 Year: 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Gino Collins
Signature:
Month: 11 Day: 15 Year: 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002882681	1	888-375-5336	015036092 JJK

GENERATOR

5. Generator's Name and Mailing Address
City Ventures
111 Spear Street
San Francisco, CA 94105 415-450-0293
Generator's Phone:

Generator's Site Address (if different than mailing address)
2301 Market Street
San Francisco, CA 94607

6. Transporter 1 Company Name: Interstate Trans Inc
U.S. EPA ID Number: CAL000418990

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kettleman Hills Landfill
35251 Old Skyline Road
Kettleman City, CA 93239 559-386-9711
Facility's Phone:
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3077, Environmentally Hazardous Substance, Solid, N.O.S. 9 PG III (Lead)	1	DT	18	Y	611
	2. WP 48714 TEL 1					
	3. 4MJ2570 TEL 2026					
	4.					

14. Special Handling Instructions and Additional Information
Waste Profile # CA 611539
Non-RCRA Soil
Account # for ER phone # is BR31029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Evelyn Wong
Signature:
Month: 11 Day: 15 Year: 2016

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Martin Vargas
Signature:
Month: 11 Day: 15 Year: 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Mike Adams
Signature:
Month: 11 Day: 15 Year: 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

SITE

KELLER CANYON LANDFILL 925-232-2999
901 Bailey Road Pittsburg, CA

CUSTOMER

674789
BTI Environmental
402 Hartz Ave., Bldg C
Danville, CA 94526
Contract:42121619254
Generator:City Ventures

SITE	TICKET #	CELL
01	1096689	

WEIGHMASTER Manuel Z.

DATE/TIME IN	DATE/TIME OUT
11/14/16 10:30 am	11/14/16 10:30 am

VEHICLE	CONTAINER
ITI3	

REFERENCE 3487344

BILL OF LADING

SCALE IN GROSS WEIGHT 80,220 NET TONS 23.44 INBOUND
TARE OUT TARE WEIGHT 33,340 NET WEIGHT 46,880 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
23.44	tn	SW-BENEFICIAL REUSE Origin:OAKLAND 100%				

WEIGHMASTER CERTIFICATE - This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accurace, as prescribed by Chapter7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food & Agriculture.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3487344

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

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
N/A	N/A	1

d. Generator's Name and Location:	e. Generator's Mailing Address:
City Ventures 2301 Market Street Oakland, CA 94607 f. Phone:	City Ventures 444 Spear Street San Francisco, CA 94106 415-450-0293 g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
42121619254	11.03.17	Non-Hazardous Soil	1	DT	18	Y

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

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
[illegible]	[signature]	

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

a. Transporter's Name and Address: Infatuation Trans Inc 7509 Kimberly AV Bakersfield. CA 93308

b. Phone: 760 223-1290 WP737714

c. Driver Name (Print)	d. Signature	e. Date
Danny L. Ly	Danny Lilly	11-14-16

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

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Keller Canyon Landfill 901 Bailey Road Pittsburg, CA 94565 925-232-2999 b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
Manuel Covarrubias	[signature]	11-14-16

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

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
N/A b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☒ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
KELLER CANYON LANDFILL 925-232-2999
901 Bailey Road Pittsburg, CA

CUSTOMER
674789
BTI Environmental
402 Hartz Ave., Bldg C
Danville, CA 94526
Contract:42121619254
Generator:City Ventures

SITE	TICKET #	CELL
01	1096730	

WEIGHMASTER Felipe C.

DATE/TIME IN	DATE/TIME OUT
11/14/16 12:40 pm	11/14/16 12:40 pm

VEHICLE	CONTAINER
ITI3	

REFERENCE 3487351

BILL OF LADING

SCALE IN GROSS WEIGHT 78,480 NET TONS 22.57
TARE OUT TARE WEIGHT 33,340 NET WEIGHT 45,140

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
22.57	tn	SW-BENEFICIAL REUSE Origin:OAKLAND 100%				

WEIGHMASTER CERTIFICATE - This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accurace, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food & Agriculture.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3487351

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

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
N/A	N/A	1

d. Generator's Name and Location:	e. Generator's Mailing Address:
City Ventures 2301 Market Street Oakland, CA 94607 f. Phone:	City Ventures 444 Spear Street San Francisco, CA 94108 - 415-450-0293 g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
42121619254	11.03.17	Non-Hazardous Soil	1	DT	18	Y

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

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Andrea Wann		

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

a. Transporter's Name and Address: Infatuation Trans Inc 7509 Kimberly Av Bakersfield CA 93308 WP73714 #3 b. Phone: 760-223-1290		
Danny Willy	Danny Willy	11-14-16
c. Driver Name (Print)	d. Signature	e. Date

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

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Road Pittsburg, CA 94565 925-232-2999 b.	c. US EPA Number	d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
PPhot Comer		11-14-16

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

a. Operator's Name and Address: N/A b. Phone:	c. Responsible Agency Name and Address: d. Phone:
e. Special Handling Instructions and Additional Information:	
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable	

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE

KELLER CANYON LANDFILL 925-232-2999
901 Bailey Road Pittsburg, CA

CUSTOMER

674789
BTI Environmental
402 Hartz Ave., Bldg C
Danville, CA 94526
Contract:42121619254
Generator:City Ventures

SITE	TICKET #	CELL
01	1096781	

WEIGHMASTER: Felipe C.

DATE/TIME IN	DATE/TIME OUT
11/14/16 2:49 pm	11/14/16 2:49 pm

VEHICLE	CONTAINER
ITI3	

REFERENCE: 3487350

BILL OF LADING:

SCALE IN GROSS WEIGHT 79,820 NET TONS 23.24
TARE OUT TARE WEIGHT 33,340 NET WEIGHT 46,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
23.24	tn	SW-BENEFICIAL REUSE Origin:OAKLAND 100%				

WEIGHMASTER CERTIFICATE - This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accurace, as prescribed by Chapter7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food & Agriculture.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3487350

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

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
N/A	N/A	1

d. Generator's Name and Location:	e. Generator's Mailing Address:
City Ventures 2301 Market Street Oakland, CA 94607 f. Phone:	City Ventures 444 Spear Street San Francisco, CA 94106 415-450-0293 g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
42121619254	11.03.17	Non-Hazardous Soil	1	DT	18	Y

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

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Brian Wade		

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

a. Transporter's Name and Address: Infatuation Trans Inc #3 7509 Kimberly Av Bakersfield CA 93308

b. Phone: 760 303 1290 WP73774

c. Driver Name (Print)	d. Signature	e. Date
Danny Lilly	Danny Lilly	11-14-16

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

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Keller Canyon Landfill 901 Bailey Road Pittsburg, CA 94565 925-232-2909 b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
Arturo Cornejo		11-14-16

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

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
N/A b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both