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

March 3, 2017

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 <u>andrew@cityventures.com</u>.

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

### **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: Reviewed by:

Tony Giglini

Lony Diglini

Associate Scientist

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





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Appendix B	Laboratory Analytical Reports and Chain of Custody Documentation
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### **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, 24<sup>th</sup> 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 multitenant 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 (ft²) 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<sup>2</sup>. 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 subsamples 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<sup>TM</sup> 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<sup>TM</sup> 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/m³), 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/m³, 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.

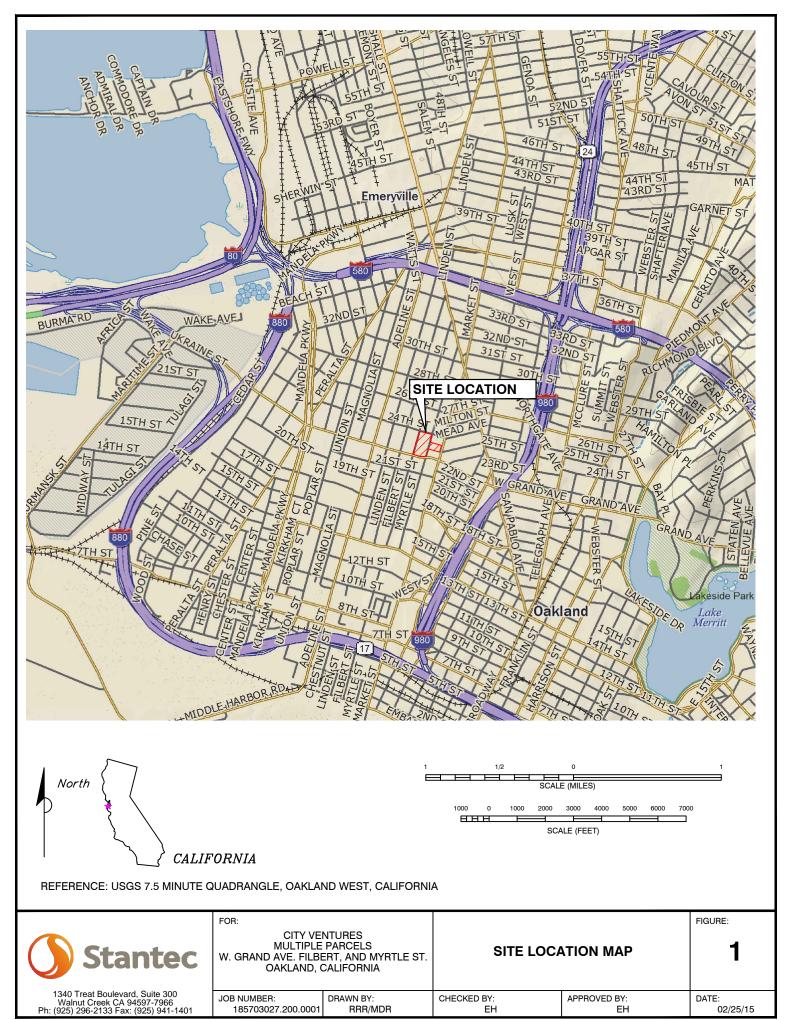
Based on the removal of potentially lead-impacted soil, results of remaining confirmation samples, and known future use of the Site, no further remedial action is necessary for Site soil at the Market Street Block.

### **6.0 REFERENCES**

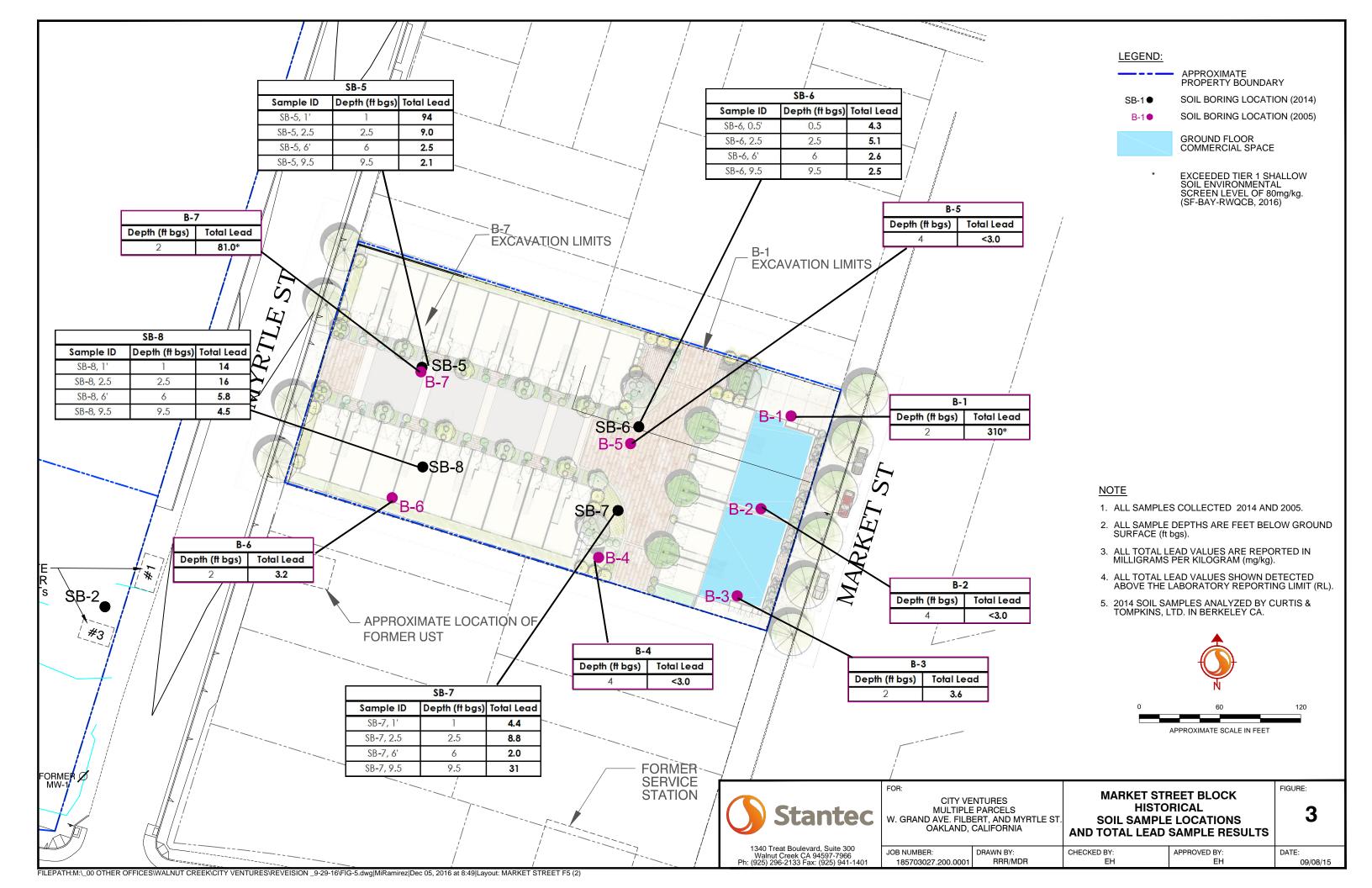
Cal-EPA. 2016. Screening for Environmental Concerns at Sites with Contaminated Soil and Ground water. Regional Water Quality Control Board (RWQCB), San Francisco Bay Region. February.

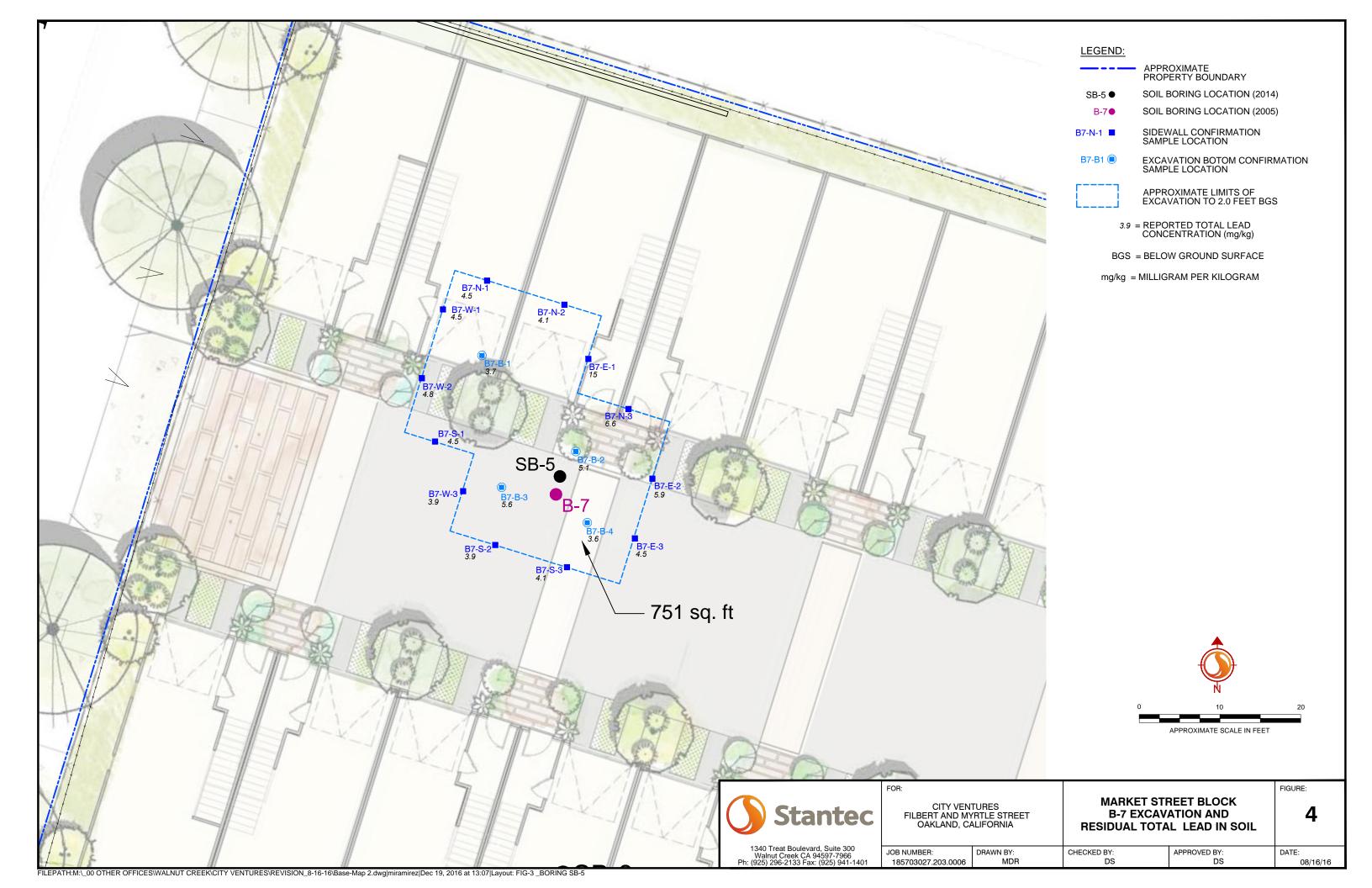
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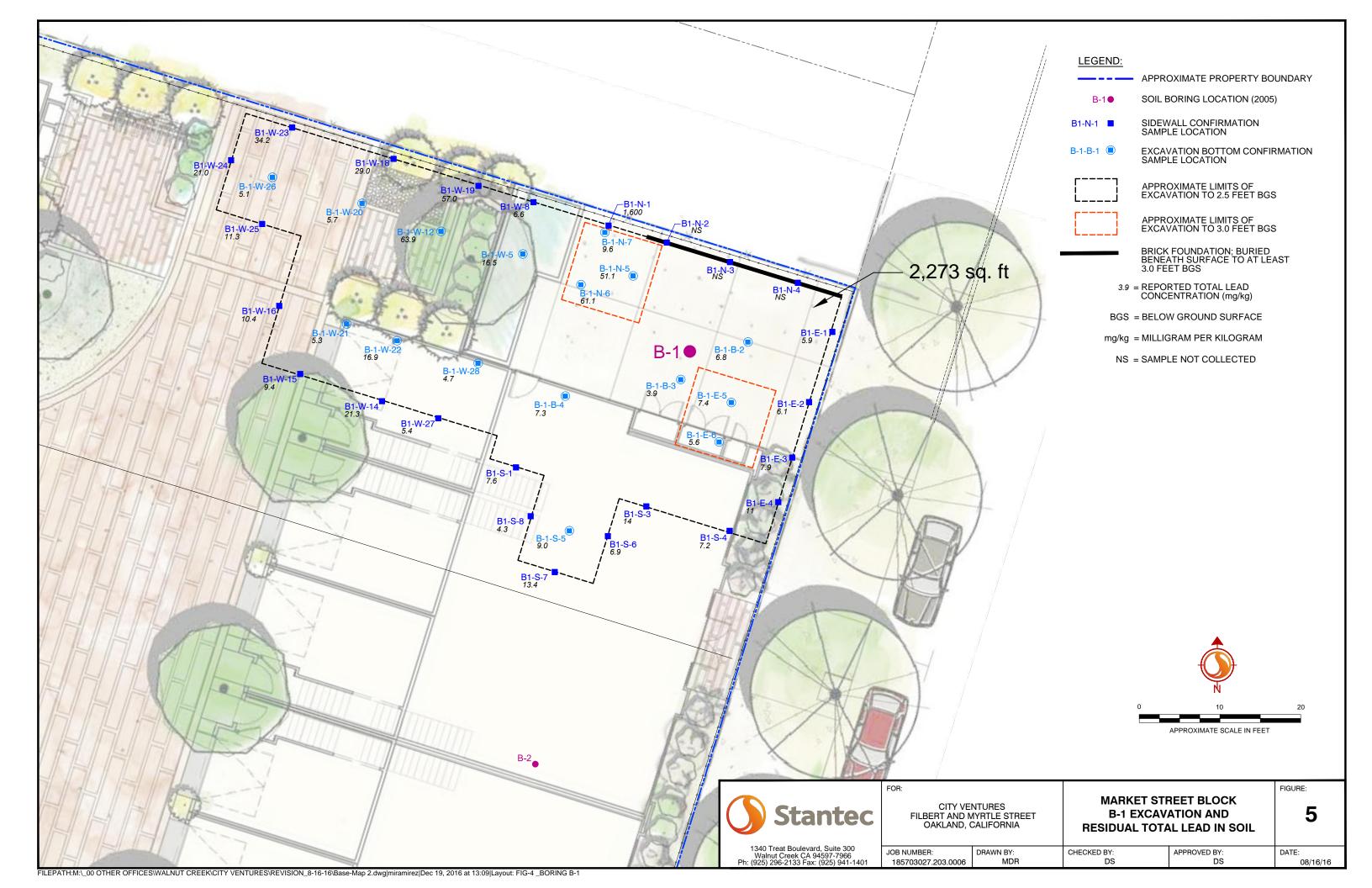














### TABLE 1 Current Analytical Results for Confirmation Soil Samples

Market Street Block, Oakland California

Notes	Sample Location	Sample ID	Sample Date	Sample Depth (ft. bgs)	<b>Lead</b> (mg/kg)
ı	3-1 Focused Excavation:				
а	Western Portion of Northern Sidewall	B1-NW-W	06/03/16	0.0 - 2.0	1,100
а	Eastern Portion of Northern Sidewall	B1-NW-E	06/03/16	0.0 - 2.0	800
а	Northern Portion of Eastern Sidewall	B1-EW-N	06/03/16	0.0 - 2.0	1,400
а	Southern Portion of Eastern Sidewall	B1-EW-S	06/03/16	0.0 - 2.0	840
а	Eastern Portion of Southern Sidewall	B1-SW-E	06/03/16	0.0 - 2.0	380
а	Western Portion of Southern Sidewall	B1-SW-W	06/03/16	0.0 - 2.0	510
а	Southern Portion of Western Sidewall	B1-WW-S	06/03/16	0.0 - 2.0	1,500
а	Northern Portion of Western Sidewall	B1-WW-N	06/03/16	0.0 - 2.0	1,200
а	Base of Excavation	B1-EB-2'	06/03/16	2.0	1,700
С	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	4.3 61.1
	Base of Excavation	B1-N-6 B1-N-7	06/28/16	3.0	9.6
	Base of Excavation	B1-N-7 B1-W-5	06/28/16	3.0 1.5	7.6 16.5
	West		06/28/16		
	West	B1-W-6 B1-W-7		1.5	7.2 145
			06/28/16	1.5	
	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
er 1 [	Direct Contact Residential Environmental	Screening Leve	l (ESL; 2016)		80



### TABLE 1 **Current Analytical Results for Confirmation Soil Samples**

Market Street Block, Oakland California

lotes	Sample Location	Sample ID	Sample Date	Sample Depth (ft. bgs)	<b>Lead</b> (mg/kg)
В	3-1 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
В	3-7 Focused Excavation:				
а	Western Portion of Northern Sidewall	B7-NW-W	06/03/16	0.0 - 2.0	210
а	Eastern Portion of Northern Sidewall	B7-NW-E	06/03/16	0.0 - 2.0	25
а	Northern Portion of Eastern Sidewall	B7-EW-N	06/03/16	0.0 - 2.0	60
а	Southern Portion of Eastern Sidewall	B7-EW-S	06/03/16	0.0 - 2.0	6.3
а	Eastern Portion of Southern Sidewall	B7-SW-E	06/03/16	0.0 - 2.0	5.6
а	Western Portion of Southern Sidewall	B7-SW-W	06/03/16	0.0 - 2.0	5.8
а	Southern Portion of Western Sidewall	B7-WW-S	06/03/16	0.0 - 2.0	30
а	Northern Portion of Western Sidewall	B7-WW-N	06/03/16	0.0 - 2.0	490
а	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
		2, 5 1	33, .0, 10	2.0	
		Screening Leve			

### Notes:

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



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

 $<sup>\</sup>hbox{c-soil was excavated to extent practicable; location was inaccessible; sample exceeds ESL benchmark}\\$ 

**Bold** - final confirmation sample; not over-excavated

### 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)	<b>Total Xylenes</b> (mg/kg)	MTBE (mg/kg)	<b>Lead</b> (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
				310	ND<0.02	0.13	0.16	2.4	0.096	310
		Maximum Cor	ncentration							

### 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  $8015 \mathrm{M}$ 

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

Darka	U	pwind Statio	n	Do	wnwind Stat	ion
Date	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	N	o dust monit	oring needed	due to weath	ner condition	ns
6/28/2016	Upwind N	∕lini Ram not	working,	7:40 AM	0.016	0.019
	•	d with workin	•	8:30 AM	0.017	0.019
		10:00 AM		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

Desta	U	pwind Statio	n	Do	wnwind Stati	ion
Date	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

<u>Note:</u> 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

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

### Laboratory Job Number 277417 ANALYTICAL REPORT

Project : 185703027.203.0001 Stantec

1340 Treat Blvd. Location : City Ventures - Oak 2

Walnut Creek, CA 94597 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:

Mike Dahlquist Project Manager

mike.dahlquist@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Date: 06/06/2016



### 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.

### 71417

## Stantec

# **CHAIN OF CUSTODY RECORD**

DATE: 6 -3 -

Stantec Project #

Laboratory. REQUESTED ANALYSIS PAGE: 185703027 Project Name: City Very Mess - Oak 3 Sampler(s) Printed Name:
Address: Market 51, Block assoc. W/2240 Filb and Sampler(s) Signature: email: Sean. Cox felle Stautec . Cow Stantec Company Contact(s) for Invoice: Project Manager:  $\mathcal{SQUM}(\mathcal{OY}/\mathcal{C})$ Received by: (Signature) <24 HR Special Instructions or Notes: Temperature Upon Receipt (C): 1350 1240 1250 1300 1340 63-16 1230 1310 1320 330 24 HR SAMPLING DATE 48 HR Field Sample Identification Outlead CA Walnut Creek, CA 94597 TEL:(916) 861-0400 FAX:(916)861-0430 72 HR アーグジーン B1-NW-E 1-5W-E 1-5W-W B1-EW-S BI-EB-7 B1-EW-N N-RR-18 - ともし Special Instructions or Notes: 5 DAYS∏ Relinquished by: (Signature) 10 DAYS OTHER LAB USE ONLY

### 61466

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# CHAIN OF CUSTODY RECORD

Stantec Walnut Creek Office	Stantec Company Contact(s) for Invoice:	:00	Stantec Project# DATE 6 - 3 - 16
1340 Treat Bivd., Suite 300 Walnut Creek, CA 94597	Project Manager: Seeワ Cのソ/	V	PAGE:
TEL:(916) 861-0400 FAX:(916)861-0430	email: 5 e G 4, C C Y le (6) S + G	iuntecicom 18	185703027 2 or 2
oject Name: City Ventures		Sampler(s) Printed Name:	Laboratorv:
17	K. W/2240Filbert St.	Charles Melancon	Curtise Tomotins
Outland CA		Sampler(s) Signature.	MACO SAD GET
n-around Time (Business Days):			
DAYS 5 DAYS 72 HR 48 HR	☐ 24 HR <b>X</b> <24 HR ☐		REQUESTED ANALYSIS
] отнек			
ocia Instructions or Notes.	Tomporature Hoon Docoire (C).		
Sing I	A DIOCOSAS	P	
-		א ס פ אגיי	
		· /	
B USE Field Sample Identification	SAMPLING         MAT-         No. of         Pre-           DATE         TIME         RIX         Cont.         serve	9	a phoratrox Notes
6 B7-NW-W	63-16 13405 1 -	<u> </u>	Capor (Capacian)
11 B子- バル・ E	1 /350   1 -	×	
2 B7-EW-N	- 1   aoh!	×	
N	- 1 0///	X	
4 B7-SW-E	- 1 026/	x	
5 B7-5W-V	1430 11 -	X	
1	- 1 ahh!	X	
_	1450 11-	×	
8 B7-EB-2	- 1 N 0051 N	<b>×</b>	
mountained by Johnstone)	Date: Time: Received by Signatum		(6/3/16 Times 40
inquished by: (Signature)			Time:
inquished by: (Signature)	Date: Time: Received by: (Signature)		Time:

### COOLER RECEIPT CHECKLIST



Login # 277417 Date Received 6/3/16 Number of coolers Client Staytec Project City Ventures - Ouk 2
Date Opened 6/3 By (print) 6 (sign) 6 (sign) Date Logged in By (print) 52 (sign) 6 (sign) 6 (sign) 6 (sign) 6 (sign) 7 (
1. Did cooler come with a shipping slip (airbill, etc)YES NO
2A. Were custody seals present? TYES (circle) on cooler on samples  How many Name Date
☐ 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: \( \mathbb{N} \) Wet \( \subseteq \text{Blue/Gel} \subseteq \text{None} \) Temp(\(^{\circ}C) \subseteq 7.9\)
☐ Temperature blank(s) included? ☐ Thermometer# IR Gun#
Samples received on ice directly from the field. Cooling process had begun
8. Were Method 5035 sampling containers present?  If YES, what time were they transferred to freezer?  9. Did all bottles arrive unbroken/unopened?  10. Are there any missing / extra samples?  11. Are samples in the appropriate containers for indicated tests?  12. Are sample labels present, in good condition and complete?  13. Do the sample labels agree with custody papers?  14. Was sufficient amount of sample sent for tests requested?  15. Are the samples appropriately preserved?  16. Did you check preservatives for all bottles for each sample?  17. Did you document your preservative check? (pH strip lot#  18. Did you change the hold time in LIMS for unpreserved VOAs?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. Did you change the hold time in LIMS for preserved terracores?  19. NO  10. Are bubbles > 6mm absent in VOA samples?  10. YES NO  11. Was the client contacted concerning this sample delivery?  12. YES NO  13. Do the sample sample sample delivery?  14. Was the client contacted concerning this sample delivery?  15. Are there any missing / YES NO  16. Did you change the hold time in LIMS sample delivery?  17. Did you change the hold time in LIMS sample delivery?  18. Did you change the hold time in LIMS sample delivery?  19. Did you change the hold time in LIMS sample delivery?  19. Did you change the hold time in LIMS sample delivery?  19. Did you change the hold time in LIMS sample delivery?  19. Did you change the hold time in LIMS sample delivery?  19. Did you change the hold time in LIMS sample delivery?
COMMENTS



### 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		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		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

7.0 Page 1 of 3



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		Units		IDF		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	mq/Kq	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	mq/Kq	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	Met	hod	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

Page 2 of 3



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

7.0 Page 3 of 3



		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

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### 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 I	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

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3.0



		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	

		- 1				
Field ID	Туре	Lab ID	Result	RL	Diln Fac	Batch#
B1-N-1		277756-001	1,600	12	50.00	236173
B1-E-1		277756-002	5.9	0.26	1.000	236173
B1-E-2		277756-003	6.1	0.28	1.000	236173
B1-E-3		277756-004	7.9	0.25	1.000	236173
B1-E-4		277756-005	11	0.26	1.000	236173
B1-S-1		277756-006	7.6	0.27	1.000	236173
B1-S-2		277756-007	120	0.25	1.000	236173
B1-S-3		277756-008	14	0.23	1.000	236173
B1-S-4	SAMPLE 2	277756-009	7.2	0.25	1.000	236173
B1-W-1	SAMPLE 2	277756-010	19	0.26	1.000	236173
B1-W-2	SAMPLE 2	277756-011	630	13	50.00	236173
B1-W-3	SAMPLE 2	277756-012	11	0.23	1.000	236173
B1-W-4	SAMPLE 2	277756-013	6.1	0.23	1.000	236173
B1-B-1	SAMPLE 2	277756-014	1,100	14	50.00	236173
B1-B-2	SAMPLE 2	277756-015	6.8	0.24	1.000	236173
B1-B-3	SAMPLE 2	277756-016	3.9	0.26	1.000	236173
B1-B-4	SAMPLE 2	277756-017	7.3	0.26	1.000	236173
B1-B-5	SAMPLE 2	277756-018	510	0.27	1.000	236173
B7-N-1	SAMPLE 2	277756-019	4.5	0.26	1.000	236173
B7-N-2	SAMPLE 2	277756-020	4.1	0.23	1.000	236173
B7-E-1	SAMPLE 2	277756-021	15	0.24	1.000	236176
B7-W-1	SAMPLE 2	277756-022	4.5	0.24	1.000	236176
B7-W-2	SAMPLE 2	277756-023	4.8	0.23	1.000	236176
B7-S-1	SAMPLE 2	277756-024	4.5	0.23	1.000	236176
B7-B-1	SAMPLE 2	277756-025	3.7	0.23	1.000	236176
B7-B-2	SAMPLE 2	277756-026	5.1	0.23	1.000	236176
B7-B-3	SAMPLE 2	277756-027	5.6	0.25	1.000	236176
B7-N-3	SAMPLE 2	277756-028	6.6	0.26	1.000	236176
B7-E-2	SAMPLE 2	277756-029	5.9	0.24	1.000	236176
B7-E-3	SAMPLE 2	277756-030	4.5	0.25	1.000	236176
B7-S-2	SAMPLE 2	277756-031	3.9	0.26	1.000	236176
B7-S-3		277756-032	4.1	0.27	1.000	236176
B7-W-3		277756-033	3.9	0.24	1.000	236176
B7-B-4		277756-034	3.6	0.25	1.000	236176
		C839827	ND	0.28	1.000	236173
		QC839837	ND	0.25	1.000	236176
					_,,,,	_001.0

ND= Not Detected RL= Reporting Limit

Page 1 of 1 2.0



(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

MASSAcote

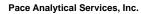
leeann.heathcote@pacelabs.com

**Project Manager** 

**Enclosures** 

cc: Data Dept for EDDs, Stantec





Pace Analytical

2795 Second Street - Suite 300 Davis, CA 95618 (530) 297-4800

### **CERTIFICATIONS**

Project: City Ventures Oak 2

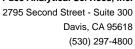
1269361 Pace Project No.:

**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



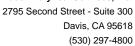


### **SAMPLE SUMMARY**

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





### **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

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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	



Date: 06/30/2016 05:42 PM

### **ANALYTICAL RESULTS**

Project: City Ventures Oak 2

Pace Project No.: 1269361 Lab ID: 1269361001 Received: 06/29/16 09:55 Sample: B1-E-5 Collected: 06/28/16 11:30 Matrix: Solid Results reported on a "wet-weight" basis **Parameters** Results Units Report Limit DF Prepared Analyzed CAS No. Qual Analytical Method: EPA 6010B Preparation Method: EPA 3050 **6010 MET ICP** Lead 7.4 mg/kg 0.47 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 Prepared Analyzed CAS No. Qual **6010 MET ICP** Analytical Method: EPA 6010B Preparation Method: EPA 3050 5.6 0.50 06/29/16 12:35 06/30/16 09:57 7439-92-1 Lead mg/kg 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 51.1 06/29/16 12:35 06/30/16 10:01 7439-92-1 Lead mg/kg 0.50 Lab ID: 1269361004 Sample: B1-S-5 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 9.0 06/29/16 12:35 06/30/16 10:04 7439-92-1 Lead 0.48 mg/kg 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 6.9 0.47 06/29/16 12:35 06/30/16 10:08 7439-92-1 Lead mg/kg 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 13.4 0.49 06/29/16 12:35 06/30/16 10:11 7439-92-1 Lead mg/kg



Date: 06/30/2016 05:42 PM

### **ANALYTICAL RESULTS**

Project: City Ventures Oak 2

Pace Project No.: 1269361 Lab ID: 1269361007 Received: 06/29/16 09:55 Sample: B1-S-8 Collected: 06/28/16 13:30 Matrix: Solid Results reported on a "wet-weight" basis **Parameters** Results Units Report Limit DF Prepared Analyzed CAS No. Qual Analytical Method: EPA 6010B Preparation Method: EPA 3050 **6010 MET ICP** Lead 4.3 mg/kg 0.47 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 Prepared Analyzed CAS No. Qual **6010 MET ICP** Analytical Method: EPA 6010B Preparation Method: EPA 3050 0.45 06/29/16 12:35 06/30/16 10:25 7439-92-1 Lead 61.1 mg/kg 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 9.6 06/29/16 12:35 06/30/16 10:28 7439-92-1 Lead mg/kg 0.47 Sample: B1-W-5 Collected: 06/28/16 14:35 Lab ID: 1269361010 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 16.5 06/29/16 12:35 06/30/16 10:32 7439-92-1 Lead 0.50 mg/kg 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 7.2 0.50 06/29/16 12:35 06/30/16 10:35 7439-92-1 Lead mg/kg 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 145 0.46 06/29/16 12:35 06/30/16 10:38 7439-92-1 Lead mg/kg





### **ANALYTICAL RESULTS**

Project: City Ventures Oak 2

Pace Project No.: 1269361

Date: 06/30/2016 05:42 PM

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

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### **QUALITY CONTROL DATA**

Project: City Ventures Oak 2

Pace Project No.: 1269361

Date: 06/30/2016 05:42 PM

Lead

QC Batch: **DAMP/2066** Analysis Method: EPA 6010B QC Batch Method: EPA 3050 Analysis Description: 6010 MET

mg/kg

1269361001, 1269361002, 1269361003, 1269361004, 1269361005, 1269361006, 1269361007, 1269361008, Associated Lab Samples:

1269361009, 1269361010, 1269361011, 1269361012, 1269361013

METHOD BLANK: 337550 Matrix: Solid

1269361001, 1269361002, 1269361003, 1269361004, 1269361005, 1269361006, 1269361007, 1269361008, Associated Lab Samples:

1269361009, 1269361010, 1269361011, 1269361012, 1269361013

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

LABORATORY CONTROL SAMPLE: 337551

> LCS LCS Spike % Rec

0.48

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 337552 337553

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

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.

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.

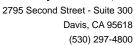
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### **LABORATORIES**

Date: 06/30/2016 05:42 PM

PASI-DAV Pace Analytical Services - Davis





### **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: City Ventures Oak 2

Pace Project No.: 1269361

Date: 06/30/2016 05:42 PM

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



# CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

0			WATER					Z	race Project No./ Lab I.D.	3	38		*	200	600	Soc Soc	200	910		<i>&gt;</i>		+	Cooler (Y/N	:
jo			DRINKING WATER	OTHER				196361	ice Project										SAMPLE CONDITIONS				(Y/N)	)
	1		TER					esidual Chlorine (Y/V)	+										1S	V 882	+	+	Temp in °C	-
Page:		NCY	GROUND WATER	RCRA	\$	V			+										TIME	2550			T	
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Section (	Attention:	Company Name	Address:	Pace Quote Reference:	Pace Project Manager. Pace Profile #:		Preservatives	и <sup>9</sup> ОН НСІ НИО <sup>3</sup>											TIME	120		JRE	f r	
Section C		_	241 Septem		607			H <sub>2</sub> SO <sub>4</sub> Unpreserved # OF CONTAINERS	*	-				_				7	DATE	12816		NAME AND SIGNATURE	SAMPLER: SAMPLER:	
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Pace Analytical

Section A Required Client Information:

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

600 Pace Project No./ Lab I.D. 3 Samples Intact (Y/N) DRINKING WATER 4 SAMPLE CONDITIONS ō OTHER Cooler (Y/N) Custody Sealed 0 (N/A) Received on Ice GROUND WATER Residual Chlorine (Y/N) Page: J° ni qmeT REGULATORY AGENCY RCRA 886 TIME Requested Analysis Filtered (Y/N) STATE: Site Location 318619 NPDES 062916 UST DATE Marthacte CAUCO DATE Signed (MM/DD/77): ACCEPTED BY / AFFILIATION Attention: Dan Chicamer Stantes (0109) pea-Pace Quoe
Polect Name: City Ventures Celty Pace Project
Polect Number: 18530333 N IA Analysis Test Other 0 00/2 Methanol Preservatives Na2S2O3 Section C NaOH Address: 8 HCI TIME HNO3 SAMPLER NAME AND SIGNATURE DOS H PRINT Name of SAMPLER: SIGNATURE of SAMPLER: Unpreserved 628 DATE Schreiner # OF CONTAINERS Project Number: 18530303 SAMPLE TEMP AT COLLECTION COLLECTED RELINQUISHED BY / AFFILIATION श्रीय विश्व TIME Section B Required Project Information: Report To: Zen 40em SAMPLE TYPE (G=GRAB C=COMP) Can. Schreiner Stan Furchase Order No. MATRIX CODE (see valid codes to left) S Ekcel Copy To: WA EIM Valid Matrix Codes DRAWGING WATER DW
WATER WA
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OL
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TISSUE TS Pone Alle 384-Ery Co. BIND Creek CF Stantec 340 Treat (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE ADDITIONAL COMMENTS GA EDF (Global ID: CA WriteOn (Site: SAMPLE ID B1-w-7 BI-W-6 Electronic Data Deliverable (EDD): 13walnut Section D Company: State Specific: # MBTI

# Pace Analytical\*

Document Name:

### Sample Condition Upon Receipt Form

Document No.: F-DAV-C-002-rev.02

Document Revised: 25Feb2015

Page 1 of 1

Issuing Authority: Pace Davis, CA Quality Office

Sample Condition **Client Name:** Project #: WO#: 1269361 **Upon Receipt** Courier: TUPS **USPS** Client Commercial Other: Tracking Number: Optional: Proj. Due Date: Proj. Name: Custody Seal on Cooler/Box Present? Yes No ØΝο Seals Intact? Packing Material: Bubble Wrap Bubble Bags None Other: Yes No Temp Blank? Type of Ice: Wet Blue Dry Ice None Samples on ice, cooling process has begun Cooler Temp Read(°C): 23. Cooler Temp Corrected(°C): 23.8 Biological Tissue Frozen? Yes No MA Temp should be above freezing to 6°C Correction Factor: † 0.4 **Date and Initials of Person Examining Contents:** Comments: Chain of Custody Present? **✓**Yes No □ N/A 1. Chain of Custody Filled Out? ✓ Yes No 2. □N/A Chain of Custody Relinquished? **☑**Yes No □N/A 3. Sampler Name and/or Signature on COC? **M**Yes No □N/A 4. Samples Arrived within Hold Time? Yes No □N/A Short Hold Time Analysis (<72 hr)? Yes No □N/A 6. Rush Turn Around Time Requested? Yes □ No □N/A 7. Sufficient Volume? **V**Yes □No □N/A 8. Correct Containers Used? Yes No □N/A -Pace Containers Used? **□**Yes No □N/A Containers Intact? **Z**Yes No N/A 10. Filtered Volume Received for Dissolved Tests? □Yes No **Ø**N/A 11. Note if sediment is visible in the dissolved container. Sample Labels Match COC? Yes **☑**No □N/A 12. SL -Includes Date/Time/ID/Analysis Matrix: All containers needing acid/base preservation have been Yes No N/A 13. ☐HNO<sub>3</sub> NaOH HCI checked? All containers needing preservation are found to be in Sample # compliance with EPA recommendation? No N/A □Yes (HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC, Oil and Grease, Initial when Lot # of added **□**Yes No DRO/8015 (water) DOC completed: preservative: Headspace in VOA Vials (>6mm)? Yes ☐ No ØN/A 14. Trip Blank Present? Yes No ☑N/A 15. Trip Blank Custody Seals Present? □Yes □ No ØN/A Pace Trip Blank Lot # (if purchased): CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No Person Contacted: Date/Time: Comments/Resolution:

Project Manager Review:

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

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

	SOIL CH	<b>ECKLIST</b>					
To Be Completed by SR Staff:	<b>.</b>	1.10	19/16		G.,	<b>س</b> را	_
Client: Stantec	Date:		<i>&gt;1</i> /1-	Initials:		1_	_
Are any samples from a depth of ≤ 6 ft?	Yes No No	t indicated	(If No, pro	ceed with receipt, sa	mples are no	t regulat	ed.)
Sample Origin (circle one):		EIGN		(	DOMEST	<u> </u>	
(Note: soil samples fro	om Hawaii and Puerto I	Rico are cor	isidered to	be of a Foreign	Source)		
f Foreign, list County of Origin:							
If Domestic, circle State of Origin:	AL AR AZ (CA) FL G	A ID LA	MS NC N	IM NY OK OR	SC TN	TX W	A
	☐ NONE OF THE ABO					e not re	gulated.)
f from a circled state above,	If unknown, contact PM. Pr		e received un	til this is determined	•		
County of Origin	Hlamed						
s County of Origin in a Regulated or	Yes No (If No, p	proceed with r	eceipt, sampl	es are not regulated	.)		
Quarantined Zone?							
REQUIREMENT		ACTION			co	MPLET	red
Samples from a depth of > 6 feet are not regulated under APHIS / USDA guidelines	Were samples segregated b (If samples from > 6 feet we	–		l from < 6 ft, all	YES	NO	(N/A)
egulated under APAIS / OSDA guidelines	soils must be treated as reg			<u> </u>			
Yellow stickers are to be placed on all regulated samples.	Did yellow stickers get place	d on all samp	le containers?	,	YES	)	NO
Samples must be segregated and stored in designated bins, shelves and coolers.	Were samples placed in a do	esignated cool	er, container:	s and shelves?	YES	$\supset$	NO
	Were there any signs of bre and/or loose soil in the cool		ge (check for	broken glass	YES	(	NO
	If NO, ice and melt water ca	n be disposed	of by normal	process (down the d	rain).		
Samples must be double contained to prevent accidental release.	If YES, were ice and melt wa of properly?	ter separated	from the coo	ler and disposed	YES	NO	N/A
	or property:						
	Any broken glass and/or lo active drum (see Waste Cod enough bleach to achieve a	ordinator). Ice	and melt wa	ater must be contain	erized and st	erilized	by adding
Equipment and supplies that have come into contact samples must be decontaminated.	Was the cooler(s) and/or co 10% bleach solution? (Glov placed in the SR USDA Regu	es and other lo	ab supplies wi		YES		NO
To Be Completed by PM/PC for Regulate	ed Soils:						
Sample Analysis to be conducted at (circl			Davis		Subcor	ntract L	.ab
	Name of Subcontrac	t Lab(s):					
DEGUIDELEN		A CTION				MADLET	ED
REQUIREMENT	Anthony Jackson, USDA	ACTION	·	<del></del>		MPLET	
USDA / APHIS rep must be informed by email prior to shipping untreated soil to	Tel.: (916) 930-5536	AFFIIS FFQ			YES	NO	N/A
any subcontract lab, including IR Pace Labs.	Email: Anthony.S.Jackso	n@aphis.usc	la.gov				
Shipment must include a valid copy of the	Is a copy of all needed pa	sperwork inc	luded with t	the COC? Do	YES	NO	N/A
receiving lab's permit along with all required forms.	NOT ship samples until a	ll necessary	paperwork i	s compiled.	113	140	
Comments: The Coc state	es site as c	Daleland	٤				
Project Manager Signature:	n Lloch	rate.		Date:	6/29	116	2



(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

MARAShoote

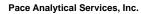
leeann.heathcote@pacelabs.com

**Project Manager** 

**Enclosures** 

cc: Data Dept for EDDs, Stantec





Pace Analytical

2795 Second Street - Suite 300 Davis, CA 95618 (530) 297-4800

### **CERTIFICATIONS**

Project: City Ventures 1270032 Pace Project No.:

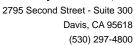
**Davis Cerification IDs** 

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





### **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	

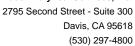




### **SAMPLE ANALYTE COUNT**

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





### **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	



### **ANALYTICAL RESULTS**

Project: City Ventures
Pace Project No.: 1270032

Date: 07/12/2016 02:31 PM

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 07/11/16 07:20 07/11/16 14:25 7439-92-1 Lead 221 mg/kg 0.47 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 Prepared Analyzed CAS No. Qual Analytical Method: EPA 6010B Preparation Method: EPA 3050 **6010 MET ICP** 136 0.46 07/11/16 07:20 07/11/16 14:29 7439-92-1 Lead mg/kg 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 960 07/11/16 07:20 07/11/16 14:32 7439-92-1 Lead mg/kg 0.46 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 DF **Parameters** Results Units Report Limit Prepared Analyzed CAS No. Qual **6010 MET ICP** Analytical Method: EPA 6010B Preparation Method: EPA 3050 63.9 0.48 07/11/16 07:20 07/11/16 14:36 7439-92-1 Lead mg/kg

(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

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Lead mg/kg ND 0.49 07/11/16 13:47

LABORATORY CONTROL SAMPLE: 341705

Date: 07/12/2016 02:31 PM

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 341706 341707

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

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.

Davis, CA 95618 (530) 297-4800



### **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.

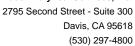
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### **LABORATORIES**

Date: 07/12/2016 02:31 PM

PASI-DAV Pace Analytical Services - Davis





### **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: City Ventures
Pace Project No.: 1270032

Date: 07/12/2016 02:31 PM

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



# CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Septemble   Sept	Comparison   Com	nt Information: Stantec Consulting Services	Section B Required Project Information: Report To: Dan Schreiner	Section C Invoice Information:	DAN SCHEENNER			Page	-	Q
State   Continued   Continue	Page   Name   Page		COPY TO: SEAM COYLE SEAME CAYLE STANT	Company N. Address:	ME STRATEC	23	574.5	Reg	ulatory Age	ncy
100   100	100   100	2	Project Name: City Ventures	Pace Quote	Manager:	thcote@pacelabs com		J.	ate / Locati	
SAME LER NAME AND SCONTUNES  SAME LER NAME AND SCONTUNE  FOR THE S	SAMPLER NAME AND SCIONATURE   SAMP		Project #: (85703027	Pace Profile	5025				Ą	
Sales   Sale	10   10   10   10   10   10   10   10	₩.	OD (fiel of a (qMOC)	N	Preservatives		alysis Fittered (Y	(N)		
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DATE TIME SAMPLER:  DATE SIGNATURE  NAME AND SIGNATURE  Name of SAMPLER:  DATE Signed:  DATE Signed:		Si S	지 의 유 등 등 S S S S S S S S S S S S S S S S S	SAMPLE TEMP A # OF CONTAINER	Methanol NaCH NaCH HCI HNO3	sesylsnA .				3
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Samples  Date: Time  Date: Time  Date: Time  Date: Time  Samples  Samples  Samples  Samples  Samples  Date: Time  Samples	DATE SIGNATURE  NAME AND SIGNATURE  NAME of SAMPLER:  DATE  DATE  TIME  SAMPLER:  DATE  DA	ŀ	S. 6 74/6 1594	8		×				8
Samples  Date Time of Samples  Name of Samples  Date Time of Samples  TURE of Samples	DATE TIME ACCEPTED BY I AFFILIATION DATE. TIME  MAME AND SIGNATURE  Name of SAMPLER:  DATE Signed:  DATE FIGURE OF SAMPLER:  DATE FIGURE OF SAMPLE		3	<b>A</b>		×				8
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Transport of the control of the cont	DATE Signed:	- 1	SAMPLER NAME AND S	IGNATURE						
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200			SIGNATURE of SAN	WPLER:		DATE Signed:	i	TEMP	90	Ousto Sealed Cooler (Y/V) Sampl

## Pace Analytical\*

hold, incorrect preservative, out of temp, incorrect containers)

Document Name:

### Sample Condition Upon Receipt Form

Document No.:

F-DAV-C-002-rev.02

Document Revised: 25Feb2015

Page 1 of 1

Issuing Authority: Pace Davis, CA Quality Office

Sample Condition Client Name: Project #: WO#: 1270032 **Upon Receipt** Courier: **UPS** USPS Commercial Pace Other:\_ OnTrac **Tracking Number:** Optional: Proj. Due Date: Proj. Name: Yes No Custody Seal on Cooler/Box Present? No Seals Intact? Yes Packing Material: Bubble Wrap Bubble Bags None Other: MNO Temp Blank? Yes Thermom. Used: DA1434 Type of Ice: Wet Blue Dry Ice None Samples on ice, cooling process has begun DA2285 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 Comments: Chain of Custody Present? No □ N/A Chain of Custody Filled Out? No □N/A 2. Chain of Custody Relinquished? □N/A 3. Sampler Name and/or Signature on COC? Yes □N/A 4. Samples Arrived within Hold Time? No □N/A 5. Short Hold Time Analysis (<72 hr)? Yes M0 □N/A 6. **Rush Turn Around Time Requested?** □N/A 7. Sufficient Volume? □No □N/A 8. Correct Containers Used? Yes No □N/A 9. -Pace Containers Used? ☐ No □N/A Containers Intact? No □N/A 10. Filtered Volume Received for Dissolved Tests? Yes ☐ No DAN/A 11. Note if sediment is visible in the dissolved container. Sample Labels Match COC? Yes No □N/A 12. -Includes Date/Time/ID/Analysis Matrix: All containers needing acid/base preservation have been Yes □No MN/A 13. ☐ HNO<sub>3</sub> ☐H<sub>2</sub>SO<sub>4</sub> NaOH HCI checked? All containers needing preservation are found to be in Sample # compliance with EPA recommendation? Yes □ No XN/A (HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC, Oil and Grease. Initial when Lot # of added Yes DRO/8015 (water) DOC completed: preservative: Headspace in VOA Vials (>6mm)? DAN/A Yes □ No 14. Trip Blank Present? Yes DING □N/A 15. Trip Blank Custody Seals Present? Yes □No AVA Pace Trip Blank Lot # (if purchased): CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No Person Contacted: Date/Time: Comments/Resolution: Project Manager Review:

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

# Pace Analytical

Document Name: Soil Checklist

Document No.:

F-DAV-C-028-Rev.01

WO#:1270032

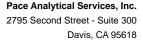
Due Date: 07/11/16

CLIENT: 19StantecRC1

race Davis Quality Office

### **SOIL CHECKLIST**

To Be Completed by SR Staffe					~			_	
Client: Stantec		D	ate:	070	816	Initials:		Zw	>-
Are any samples from a depth of ≤ 6 ft?	Ye	s No 🗸	Not in	dicated				$-\epsilon$	
Is sub any analysis requested?	Ye	s No (	If No to bo	oth questions, p	proceed with re	ceipt, samples	are not regu	lated.)	
Sample Origin (circle one):		· · · · · · · · · · · · · · · · · · ·	FOREIG	iN		(	DOMEST	IC)	
(Note: soil samples fi	om Hav	vaii and Pu	erto Rice	o are consid	ered to be o	f a Foreign	Source)		
If Foreign, list County of Origin:	/	VA							
If Domestic, circle State of Origin:	AL A	R AZ (CA)	FL GA	ID LA MS	NC NM	NY OK OR	SC TN	TX V	1
=		ONE OF THE	ABOVE	(If None of the	ne Above, proce	eed with receip	ot, samples ar	e not re	egulated.)
If from a circled state above,	If unkn	1	1	ct cannot be rec	eived until this	is determined.			
County of Origin	A	lame			*				
Is sample from a Regulated or	X Ye	s [ No (i	if No, proc	ceed with recei	pt, samples are	not regulated.	)		
Quarantined Zone?	74								
REQUIREMENT				ACTION			со	MPLE	TED
				$epth \le or > 6 fe$			YES	NO	(N/A)
Samples from a depth of > 6 feet are not	- Charles Constitution	ust be treated :			t with soil from	≤ 6 ft, all			
regulated under APHIS / USDA guidelines					rom classificat	ion as regulate	d soil per Ca	lifornia	APHIS
	CONT. 10	The second of		E CO	ving lab must c				is
					s regulated so theck for broke		sample depi	in.	
	CONTRACTOR (CO.)	loose soil in th			meen for brone	11 8.033	YES	(	NO)
Samples must be double contained to prevent	e and melt wa	iter can be	disposed of by	normal proces	s (down the dr	ain).			
accidental release.	100		ielt water	separated fron	the cooler and	d disposed	YES	NO	(N/A)
	of properly?  Any broken glass and/or loose soil are to be bagged and placed in a USDA Regulated satellite container or								
					l melt water m		- 10 T		90. 90000
	enough	bleach to ach	ieve a 10%	% concentratio	n and allowed	to sit for ≥ 30 r	minutes befo	re dispo	osing.
Samples must be segregated and stored in designated bins, shelves and coolers.	Were sa	amples placed	in a desigi	nated cooler, c	ontainers and s	helves?	YES	$\overline{}$	NO -
Yellow stickers are to be placed on all regulated samples.	Did yell	ow stickers get	t placed oi	n all sample co	ntainers?		YES	$\geq$	NO
Equipment and supplies that have come into contact samples must be decontaminated.	0.000,000,000			AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	aminated using pplies will be be		VEC	1	NO.
contact samples must be decontaminated.	25 085		0.00	d satellite cont	× (*)	aggea ana	YES	ノ	NO
To Be Completed by PM/PC for Regulate Sample Analysis to be conducted at (circ					Davis		Cubcon	troot l	ah
Sample Analysis to be conducted at (circ		ne of Subcor	ntract la		dvis		Subcon	tracti	.dU
REQUIREMENT			1 11	ACTION			СО	MPLE	TED
USDA / APHIS rep must be informed by email to shipping untreated soil to any subcontract	1.5	Tel.: (916) 9		SDA APHIS PP	·Q		YES	NO	N/A
including IR Pace Labs.	iab,			ickson@aphis	.usda.gov				
Shipment must include a valid copy of the rec	olulna	Is a copy of	all need	ed paperwork	c included wit	h the	VEC		11/4
lab's permit along with all required forms.	eiving	COC? Do N	IOT ship s	samples until	all necessary		YES	NO	N/A
		paperwork	is compil	led.					
Comments:									
Project Manager Signature:	Af	caff	hot		Da	ate:	1/8/	16	



(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

MARAShoote

leeann.heathcote@pacelabs.com

**Project Manager** 

Enclosures

cc: Data Dept for EDDs, Stantec





Pace Analytical

2795 Second Street - Suite 300 Davis, CA 95618 (530) 297-4800

### **CERTIFICATIONS**

Project: City Ventures Oakland 2

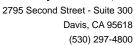
1271027 Pace Project No.:

**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



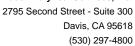


### **SAMPLE SUMMARY**

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





### **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





### **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
271027001	B1-W-13			<del>_</del> ·		
EPA 6010B	Lead	173	mg/kg	0.46	07/25/16 11:48	
271027002	B1-W-14					
EPA 6010B	Lead	21.3	mg/kg	0.49	07/25/16 11:51	
271027003	B1-W-15					
EPA 6010B	Lead	9.4	mg/kg	0.49	07/25/16 12:01	
271027004	B1-W-16					
EPA 6010B	Lead	10.4	mg/kg	0.50	07/25/16 12:05	
271027005	B1-W-17					
EPA 6010B	Lead	1260	mg/kg	0.49	07/25/16 12:08	
271027006	B1-W-18					
EPA 6010B	Lead	29.0	mg/kg	0.46	07/25/16 12:13	
271027007	B1-W-19					
EPA 6010B	Lead	57.0	mg/kg	0.49	07/25/16 12:16	
271027008	B1-W-20					
EPA 6010B	Lead	5.7	mg/kg	0.47	07/25/16 12:20	
271027009	B1-W-21					
EPA 6010B	Lead	5.3	mg/kg	0.46	07/25/16 12:23	
271027010	B1-W-22					
EPA 6010B	Lead	16.9	mg/kg	0.50	07/25/16 12:27	



Date: 07/25/2016 05:34 PM

### **ANALYTICAL RESULTS**

Project: City Ventures Oakland 2

Pace Project No.: 1271027 Lab ID: 1271027001 Received: 07/21/16 18:30 Sample: B1-W-13 Collected: 07/21/16 13:36 Matrix: Solid Results reported on a "wet-weight" basis **Parameters** Results Units Report Limit DF Prepared Analyzed CAS No. Qual Analytical Method: EPA 6010B Preparation Method: EPA 3050 **6010 MET ICP** 07/22/16 08:29 07/25/16 11:48 7439-92-1 Lead 173 mg/kg 0.46 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 Prepared Analyzed CAS No. Qual **6010 MET ICP** Analytical Method: EPA 6010B Preparation Method: EPA 3050 07/22/16 08:29 07/25/16 11:51 7439-92-1 Lead 21.3 mg/kg 0.49 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 9.4 07/22/16 08:29 07/25/16 12:01 7439-92-1 Lead mg/kg 0.49 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 10.4 07/22/16 08:29 07/25/16 12:05 7439-92-1 Lead 0.50 mg/kg 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 1260 0.49 07/22/16 08:29 07/25/16 12:08 7439-92-1 Lead mg/kg 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 29.0 0.46 07/22/16 08:29 07/25/16 12:13 7439-92-1 Lead mg/kg

### **REPORT OF LABORATORY ANALYSIS**

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### **ANALYTICAL RESULTS**

Project: City Ventures Oakland 2

Pace Project No.: 1271027

Date: 07/25/2016 05:34 PM

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 07/22/16 08:29 07/25/16 12:16 7439-92-1 Lead 57.0 mg/kg 0.49 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 Prepared Analyzed CAS No. Qual Analytical Method: EPA 6010B Preparation Method: EPA 3050 **6010 MET ICP** 5.7 0.47 07/22/16 08:29 07/25/16 12:20 7439-92-1 Lead 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 5.3 07/22/16 08:29 07/25/16 12:23 7439-92-1 Lead mg/kg 0.46 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 16.9 0.50 07/22/16 08:29 07/25/16 12:27 7439-92-1 Lead mg/kg

(530) 297-4800



**QUALITY CONTROL DATA** 

City Ventures Oakland 2 Project:

Pace Project No.: 1271027

Date: 07/25/2016 05:34 PM

QC Batch: 88643 Analysis Method: EPA 6010B QC Batch Method: EPA 3050 Analysis Description: 6010 MET

1271027001, 1271027002, 1271027003, 1271027004, 1271027005, 1271027006, 1271027007, 1271027008, Associated Lab Samples:

1271027009, 1271027010

METHOD BLANK: 348187 Matrix: Solid

1271027001, 1271027002, 1271027003, 1271027004, 1271027005, 1271027006, 1271027007, 1271027008, Associated Lab Samples:

Blank

1271027009, 1271027010

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

LABORATORY CONTROL SAMPLE: 348188

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 348190 348189

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

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.

(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**

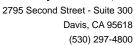
PASI-DAV Pace Analytical Services - Davis

### **WORKORDER QUALIFIERS**

WO: 1271027

Date: 07/25/2016 05:34 PM

[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.





### **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: City Ventures Oakland 2

Pace Project No.: 1271027

Date: 07/25/2016 05:34 PM

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



# CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

SCHERMEN COLLECTED  COLE © STANTEC. CON  COLE © STANTEC. CON  COLE © STANTEC. CON  COLE © STANTEC. CON  CONDENY Name.  SAMPLE TYPE  COLLECTED  Analysis Test  COLLECTED  Analysis Test  Analysis Test  Analysis Test  COLLECTED  Analysis Test  Ana	
THE ID  WHILE WATER, CAMP  WHICH WATER CORES  WHILE WATER CORES  WHILE ID  WHILE WATER CORES  WHILE ID  WHILE WATER CORES  WHILE ID  WHILE ID  WHILE ID  WHILE ID  WHILE WATER CORES  WHILE ID  WHILE I	
Price Code No. 19 Price Price Code No. 19 Price Code No. 19 Price Price Price Code No. 19 Price	REGILIATORY AGENCY
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Project Name CLTTV   EATURES   Option of Name CLTTV	A STORE OF S
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EURONNEINS  RECOMMENTS  RECOME	Ant
SAMPLE ID	COMIT
SAMPLE ID	Kequested Analysis Filtered (Y/N)
SAMPLE ID	
- W - 13 - W - 14 - W - 15 - W - 16 - W - 16 - W - 16 - W - 16 - W - 17 - W - 17 - W - 19 - W - 20 - W	(MV) (VM)
-W-14 -W-16 -W-16 -W-16 -W-19 -W-19 -W-19 -W-21 -W-22 -W-21 -W-21 -W-21 -W-21 -W-21 -W-21 -W-21 -W-21 -W-21 -W-22 -W-21 -W-21 -W-21 -W-22 -W-21 -W-21 -W-22 -W-21 -W-22 -W-21 -W-22 -W-22 -W-21 -W-22	L
-W-15 -W-16 -W-19 -W-19 -W-19 -W-20	
-W-16 -W-17 -W-18 -W-19 -W-20	
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LEAD SAUPLING METHODY  (TH PREVIOUS SKUPLES  a Deliverable (EDD): EQUIS   Excel   SAMPLER NAME AND SIGNATURE	FFILIATION / DATE TIME SAMPLE CONDITIONS
a Deliverable (EDD): EQUIS   Excel   SAMPLER NAME AND SIGNATURE	1 C 240 0E81 2110 Jeff 745
a Deliverable (EDD): EQUIS Commis Excel SAMPLER NAME AND SIGNATURE	
ID:	on ice
Other Signature of Sampler:	DATE Signed  (WMDDrry): 607 7/1/
2240 Fil bert Caldens	0 201

# ce Analytical °

Trip Blank Custody Seals Present?

Pace Trip Blank Lot # (if purchased):

### Document Name:

### Sample Condition Upon Receipt Form

Document No.:

Document Revised: 25Feb2015

Page 1 of 1

Issuing Authority:

F-DAV-C-002-rev.02 Pace Davis, CA Quality Office Sample Condition Client Name: Project #: WO#:1271027 **Upon Receipt** Courier: TUPS **USPS** Client Commercial Pace OnTrac Other: Tracking Number: Optional: Proj. Due Date: Proj. Name: Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No Packing Material: Bubble Wrap None Bubble Bags Other: Temp Blank? No Yes Thermom. Used: DA1434 Type of Ice: Wet Blue Dry Ice None Samples on ice, cooling process has begun DA2285 23. 2 Cooler Temp Corrected(°C): 24. 2 Cooler Temp Read(°C): Biological Tissue Frozen? Yes □No □N/A Temp should be above freezing to 6°C Correction Factor: +/.o **Date and Initials of Person Examining Contents:** Sen 072116 Comments: Chain of Custody Present? Yes □No □ N/A 1. Chain of Custody Filled Out? Yes No □N/A 2. Chain of Custody Relinquished? No Yes □N/A 3. Sampler Name and/or Signature on COC? No □N/A 4. Samples Arrived within Hold Time? No □N/A 5. Short Hold Time Analysis (<72 hr)? **□**Yes No □N/A 6. Rush Turn Around Time Requested? Yes No 7. □N/A Sufficient Volume? Yes □No □N/A 8. Correct Containers Used? Yes ΠNo □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? Yes No □N/A 12. -Includes Date/Time/ID/Analysis Matrix: All containers needing acid/base preservation have been Yes No N/A 13. ☐HNO<sub>3</sub> checked? H₂SO<sub>4</sub> NaOH **THCI** All containers needing preservation are found to be in Sample # compliance with EPA recommendation? Yes □No □M/A (HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC, Oil and Grease, Initial when Lot # of added Yes No DRO/8015 (water) DOC completed: preservative: Headspace in VOA Vials (>6mm)? □No M/A Yes 14. Trip Blank Present?

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No Person Contacted: Date/Time: Comments/Resolution:

□ No

□ No

☑N/A

ZN/A

15.

**Project Manager Review:** 

Yes

Yes

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

Due Date: 07/25/16

CLIENT: 19StantecRC1

Pace Davis Quality Office

Pace Analytical®

Document Name: Soil Checklist Document No.:

F-DAV-C-028-Rev.01

**SOIL CHECKLIST** 

			_
Date:	072116	Initials:	Eng

To Be Completed by SR Staff:			(		
Client: Stantec	Date: 072116	Initials:	Eng		
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 to	with receipt, samples	are not regulated.)		
Sample Origin (circle one):	FOREIGN		DOMESTIC		
	om Hawaii and Puerto Rico are considered to	be of a Foreian			
If Foreign, list County of Origin:					
If Domestic, circle State of Origin:	AL AR AZ (CA) FL GA ID LA MS NC I	NM NY OK OR	SC TN TX VA		
	NONE OF THE ABOVE (If None of the Above				
If from a circled state above,	If unknown, contact PM. Project cannot be received un				
County of Origin	Hameda				
Is sample from a Regulated or Yes No (If No, proceed with receipt, samples are not regulated.)					
Quarantined Zone?					
REQUIREMENT	ACTION		COMPLETED		
	Were samples segregated by depth ≤ or > 6 feet?		2		
Samples from a depth of > 6 feet are not	(If samples from > 6 feet were in direct contact with so	il from ≤ 6 ft, all	YES NO (N/A)		
regulated under APHIS / USDA guidelines	soils must be treated as regulated.)				
	Samples from a depth of >6 feet are exempt from clas /USDA guidelines. For sub analyses, the receiving lab				
	allowable. Otherwise, treat the sub samples as regula				
	Were there any signs of breakage or leakage (check for	broken glass	VEC (10)		
	and/or loose soil in the cooler)?		YES (NO)		
Samples must be double contained to prevent	If NO, ice and melt water can be disposed of by normal	process (down the dr	rain).		
accidental release.	If YES, were ice and melt water separated from the coo	ler and disposed	YES NO (N/A)		
	of properly?	- d - l d : 115D4			
	Any broken glass and/or loose soil are to be bagged an active drum (see Waste Coordinator). Ice and melt wa				
	enough bleach to achieve a 10% concentration and all				
Samples must be segregated and stored in	Were samples placed in a designated cooler, containers	s and sholves?	(YES) NO		
designated bins, shelves and coolers.	were samples placed in a designated cooler, containers	s and sneives:	(1ES) 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	Was the cooler(s) and/or countertop(s) decontaminate				
contact samples must be decontaminated.	10% bleach solution? (Gloves and other lab supplies wing placed in the SR USDA Regulated satellite container).	ll be bagged and	(YES) NO		
	placed in the 3h OSDA negulated satellite container).				
To Be Completed by PM/PC for Regulate	nd Spile:				

### Be Completed by PM/PC for Regulated Soils:

Sample Analysi	s to be conducte	d at (circle a	II that apply	):
----------------	------------------	----------------	---------------	----

Davis

Subcontract Lab

Name of Subcontract Lab(s):

REQUIREMENT	ACTION	COMPLETED		ED
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

	paperwork is compiled.	· · · · · · · · · · · · · · · · · · ·	
Comments:			· · · · · · ·
Project Manager Signature:	Scot Frhus	Date: 7/22/12	112



(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

MASSAcote

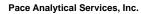
leeann.heathcote@pacelabs.com

**Project Manager** 

**Enclosures** 

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





Pace Analytical

2795 Second Street - Suite 300 Davis, CA 95618 (530) 297-4800

### **CERTIFICATIONS**

Project: City Ventures Oakland 2

1272703 Pace Project No.:

**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





### **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





### **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



### **SUMMARY OF DETECTION**

Project: City Ventures Oakland 2

Pace Project No.: 1272703

Lab Sample ID	Client Sample ID					
Method	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	
272703006	B1-W-28					
EPA 6010B	Lead	4.7	mg/kg	0.50	08/16/16 13:40	



Date: 08/16/2016 06:14 PM

### **ANALYTICAL RESULTS**

Project: City Ventures Oakland 2

Pace Project No.: 1272703 Lab ID: 1272703001 Received: 08/15/16 15:00 Sample: B1-W-23 Collected: 08/15/16 11:31 Matrix: Solid Results reported on a "wet-weight" basis **Parameters** Results Units Report Limit DF Prepared Analyzed CAS No. Qual Analytical Method: EPA 6010B Preparation Method: EPA 3050 **6010 MET ICP** 08/16/16 07:09 08/16/16 13:16 7439-92-1 Lead 34.2 mg/kg 0.45 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 Prepared Analyzed CAS No. Qual **6010 MET ICP** Analytical Method: EPA 6010B Preparation Method: EPA 3050 0.50 08/16/16 07:09 08/16/16 13:20 7439-92-1 Lead 21.0 mg/kg Collected: 08/15/16 11:36 Sample: B1-W-25 Lab ID: 1272703003 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 08/16/16 07:09 08/16/16 13:23 7439-92-1 Lead 11.3 mg/kg 0.46 Collected: 08/15/16 11:38 Lab ID: 1272703004 Sample: B1-W-26 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 5.1 08/16/16 07:09 08/16/16 13:26 7439-92-1 Lead 0.50 mg/kg 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 5.4 0.50 08/16/16 07:09 08/16/16 13:30 7439-92-1 Lead mg/kg 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 4.7 0.50 08/16/16 07:09 08/16/16 13:40 7439-92-1 Lead mg/kg

(530) 297-4800



**QUALITY CONTROL DATA** 

Project: City Ventures Oakland 2

Pace Project No.: 1272703

Date: 08/16/2016 06:14 PM

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

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Lead mg/kg ND 0.50 08/16/16 12:46

LABORATORY CONTROL SAMPLE: 358382

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 358383 358384

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

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.

(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.

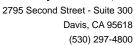
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### **LABORATORIES**

Date: 08/16/2016 06:14 PM

PASI-DAV Pace Analytical Services - Davis





### **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: City Ventures Oakland 2

Pace Project No.: 1272703

Date: 08/16/2016 06:14 PM

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



# CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

State   Control   Contro	THERTON RS  CA 9526.5  RELANCE OSTANTE CON  NATER WATER WATER WATER PAROUT SOURCE OF A CONTENT O	A S S S S S S S S S S S S S S S S S S S	Attention.   Company Name   Compan	I DOTE	REALING CA 95745	REGULATORY AG NPDES UST Site Location	ENCY GROUND WATER RCRA	DRINKING	WATER
	HERTON ROS  CA 954.5  EAX  RISH & CSTANTEC CON  WITH MARKY CO  WITH WITH WATER  WAT	THE CONTINUEDS	Manager Name  HASO4  HASO4  Preservativ  Preservativ	lone	Requested Analy	REGULATORY AG NPDES UST Site Location	ENCY GROUND WATER RCRA	DRINKING	WATER
Common   C	Project Name.  S S S S S S S S S S S S S S S S S S S	Z COSMITTINGO SO III	₩ Nupreserved	lone NIV teeT eieyli	8	NPDES UST Site Location	GROUND WATER RCRA	DRINKING	WATER
	0.0	2	M Unpreserved	Ione N.Y JasT ziaylı		UST Site Location	RCRA	OTHER	
	0.0	Z CONTINUE SO II	M Unpreserved	N IY teeT eieVli	Requested Analys	Site Location		P. Bergers & C. Link	
Washington College   Washing	valid Matrix Co  valid Matrix Co  valid Matrix Co  variate water  variate water  variate water  variate water  variate variate  variate variate  va		H³2O¢	Ione NIY Jee'T elevil	Requested Analys				
COMMENTER   COMM	Valid Matrix Co		Moreserved H <sub>2</sub> SO <sub>4</sub>	lone NIY tseT siaylı	Requested Analys	STATE:		COUNTY:	
Cooker   C	Waitin Matrix Codes  MATRIX CODE  WASTER  WAST	SAMPLE TEMP AT COLLECTION	H <sub>2</sub> SO <sub>4</sub>	lone N/Y feet Teekli		sis Filtered (Y/N)			
	DINIONE TYPE (GEGRAB C-CO)  NATER WATER WAY  NATIONE THE AND T	SAMPLE TEMP AT COLLECTION	HCI HYO? HY2O*  HY2O*	lone					
S. G. WEAL 19. 1 K K K K K K K K K K K K K K K K K K	10 x	1	XXX	Meths Other					2703
	3	West, 1153 1	××	X	,	1			3
SLG #5(4,13)   Y   Y   Y   Y   Y   Y   Y   Y   Y		1 2/10 113/	×	×					200
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St. G. W. St.   1144   1	25	11 11 11/5/18	X	X					000
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RICHIE   PATE   TIME   ACCEPTED BY / AFFILLATION   DATE   TIME   SAMPLE CONDITIONS									
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EQUIS   Excel   SAMPLER NAME AND SIGNATURE	Richel	STANTEC		JUN 600	hists Pai	E 8/15/16	S		7
ID:   WA EIM   PRINT Name of SAMPLER: RICALITE WINA   Section   Control of	EQUIS (tornet)	SAMPLER NAME AND:	SIGNATURE					90	(
	I ID:	PRINT Name of	and the second	Wind		1/51	O⁴ ni qmaT		Cooler (Y/N)

# Pace Analytical\*

hold, incorrect preservative, out of temp, incorrect containers)

Document Name:

### Sample Condition Upon Receipt Form

Document No.: F-DAV-C-002-rev.02 Document Revised: 25Feb2015

Page 1 of 1 Issuing Authority:

Pace Davis, CA Quality Office

マッガル ししし				
rier: Fed Ex UPS	USPS	 Didi	ent	1
ommercial Pace , OnTrac	Other:	الكي	~····	
acking Number:				12/2/03
stody Seal on Cooler/Box Present? Yes No	s s	ieals Intac	:t? □Yes	No Optional: Proj. Due Date: Proj. Name:
cking Material: Bubble Wrap Bubble Bags	None	01	ther:	Temp Blank? Yes
mom. Used: DA1434 DA2285	Type of Ic	e: 🔲 Wet	□Blue	Dry Ice None Samples on ice, cooling process has begu
oler Temp Read(°C): $25$ Cooler Temp Cor	rected(°C):	30.5		Biological Tissue Frozen? Yes No
p should be above freezing to 6°C Correction Factor	: <u> </u> † •§	-01	Date a	nd Initials of Person Examining Contents: 28/15/16
			<del></del>	Comments:
Chain of Custody Present?	∠]Yes	[_]No	□ N/A	1.
Chain of Custody Filled Out?		No	□N/A	2.
Chain of Custody Relinquished?	ZYes	□No	N/A	3.
Sampler Name and/or Signature on COC?	ZYes		□n/a	4.
amples 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.
ufficient Volume?	[Z]Yes	□No	□n/a	8.
Correct Containers Used?	Yes	□No	□n/a	9.
-Pace Containers Used?	Yes	□No	□n/a	
ontainers Intact?	Yes	∐No	∏n/a	10.
iltered Volume Received for Dissolved Tests?	□Yes	No	∐n/a	11. Note if sediment is visible in the dissolved container.
ample Labels Match COC?	√Yes	□No	□n/a	12.
-includes Date/Time/ID/Analysis Matrix:		$\infty$		
Il containers needing acid/base preservation have been	□Yes	No	ZN/A	13. ☐HNO₃ ☐H₂SO₄ ☐NaOH ☐HCI
hecked? If containers needing preservation are found to be in		~~~	۱۹۳۰عو	13. LHNO <sub>3</sub> LH <sub>2</sub> SO <sub>4</sub> NaOH CHCI Sample #
ompliance with EPA recommendation?	∐Yes	□No	.EJN/A	Sompte a
HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide) xceptions: VOA, Coliform, TOC, Oil and Grease.				Indian union
RO/8015 (water) DOC	∐Yes	⊠No		Initial when Lot # of added completed: preservative:
eadspace in VOA Vials ( >6mm)?	□Yes	□No	ØN/A	14.
rip Blank Present?	Yes	□No	ØN/A	15.
rip Blank Custody Seals Present?	∐Yes	□No	□N/A	
ace Trip Blank Lot # (if purchased):				
NT NOTIFICATION/RESOLUTION				Field Base Based on 17 17 17 17 18
•			[]ate[]	Field Data Required? Tyes No
Person Contacted: Comments/Resolution:			Date/1	IIII.
		<del></del>		

Document Revised: 28Jun2016

Pace Analytical

Document Name: Soil Checklist

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:	Date: 08/15/16 Initia	ls:
Are any samples from a depth of $\leq 6$ ft?	Yes No Not indicated	
Is sub any analysis requested?	Yes No (If No to both questions, proceed with receipt, samp	les are not regulated )
Sample Origin (circle one):	FOREIGN	DOMESTIC
(Note: soil samples	from Hawaii and Puerto Rico are considered to be of a Foreig	In Source)
If Foreign, list County of Origin:	>	, Journey
If Domestic, circle State of Origin:	AL AR AZ CA FL GA ID LA MS NC NM NY OK C	OR SC TN TX VA
If from a circled state above,	NONE OF THE ABOVE (If None of the Above, proceed with rec	eipt, samples are not regulated.)
County of Origin	If unknown, contact PM. Project cannot be received until this is determine	?d.
Is sample from a Regulated or	Yes No UNo proceed with receipt saveles and	
Quarantined Zone?	Yes No (If No, proceed with receipt, samples are not regulate	:d.)
REQUIREMENT	ACTION	
	Were samples segregated by depth ≤ or > 6 feet?	COMPLETED
Samples from a depth of > 6 feet are not	(If samples from > 6 feet were in direct contact with soil from ≤ 6 ft, all	YES NO N/A
regulated under APHIS / USDA guidelines	soils must be treated as regulated.)	
	Samples from a depth of >6 feet are exempt from classification as regula	ted soll per California APHIS
	/USDA guidelines. For sub analyses, the receiving lab must confirm that tallowable. Otherwise, treat the sub samples as regulated soil regardless	he >6 feet exemption is
	Were there any signs of breakage or leakage (check for broken glass	of sample depth.
	and/or loose soil in the cooler)?	YES NO
Samples must be double contained to prevent	If NO, ice and melt water can be disposed of by normal process (down the	train).
accidental release.	If YES, were ice and melt water separated from the cooler and disposed	YES NO (N)A
	of properly?	
	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 contain enough bleach to achieve a 10% concentration and allowed to sit for > 30	nerized and sterilized by adding
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?	VES) NO
Equipment and supplies that have come into	Was the cooler(s) and/or countertop(s) decontaminated using a fresh	
contact samples must be decontaminated.	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 Regulate	ed Soils:	
Sample Analysis to be conducted at (circle	e all that apply); Davis	Subcontract Lab
	Name of Subcontract Lab(s):	
REQUIREMENT	ACTION	COMPLETED
USDA / APHIS rep must be informed by email	,,,,	OOM LETED
to shipping untreated soil to any subcontract		YES NO (N/A
including IR Pace Labs.	Email: Anthony.S.Jackson@aphis.usda.gov	
Shipment must include a valid copy of the recolab's permit along with all required forms.	ls a copy of all needed paperwork included with the COC? Do NOT ship samples until all necessary	YES NO (N/A
5	paperwork is compiled.	
Comments:		
Project Manager Signature	,2	
Project Manager Signature:	Reaffect Date: 8	11111
	8,	1/6/16

APPENDIX C
Waste Manifests

Ple	ase p	rint or type. (Form desig	ned for use on el	lite (12-pitch) type	writer.)	3759			164			n Approved.	OMB No.	2050-0039
$\bigcap$	UNI	FORM HAZARDOUS VASTE MANIFEST	1. Generator ID No CACOO2	umber		2. Page 1 of	& Emergency	75-533	<u> </u>		<u>503</u>	609 609	9 J.	JK
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П	١.	Exporter, I certify that the	contents of this cons	signment conform to	the terms of the attache	ed EPA Acknow	ledgment of Con	sent.			ir export sn	ipment and i a	m we Prma	iry
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15. GENERATOR'S/OFFERO marked and labeled/placa Exporter, I certify that the I certify that the waste min Generator / Offeror's Printed/Typed National Shipments  Transporter signature (for exporter 1 Printed/Typed National Shipments)  Transporter 1 Printed/Typed National Shipments  Transporter 2 Printed/Typed National Shipments  18. Discrepancy Indication Sp.  18b. Alternate Facility (or General Signature of Alternate Facility's Phone:  18c. Signature of Alternate Facility Hazardous Waste Report M.	Profile # CA 511539 CP A Soil  R'S CERTIFICATION: I hereby declare the declare	hat the contents of this consignment dition for transport according to applie terms of the attached EPA Acknow 62.27(a) (if I am a large quantity ger Signature of the attached EPA Acknow 62.27(a) (if I am a large quantity ger Signature of Export from Signature of Export	are fully and accurately icable international and reveledgment of Consent. nerator) of (b) (if I am a signature)  U.S. Port of Date legnature  Manifest Refere	described above national government of the control	e by the proper shenental regulations.  enerator) is true.  Partial Rej  U.S. EPA ID N	ipping nam If export sl	e, and are clanipment and I  Mo  Mo  Mo	am the Prima onth Day  I I 4  onth Day  I I 4  onth Day  I Full Rej	any

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$\prod$	UNIFORM HAZARDOUS 1. Generator ID Number WASTE MANIFEST CACCO2882681	2. Page 1 of	3. Emergency Re	Sponse Phone	4. Manifest 1	Tracking N	6095	JJK
$\  \ $	5. Generator's Name and Mailing Address		Generator's Site A	ddress (if different th				
П	City Ventures 444 Spear Street			97.53 Y Fanda at	(2) manak			•
П	San Francisco, CA 94100 415-450-0293			2301 Market		, .		
Ш	Generator's Phone:			San Franciso				
Ш	6. Transporter 1 Company Name	Τ.	华山		U.S. EPA ID N		01116	na A
П	6. Transporter 1 Company Name  7. Transporter 2 Company Name	11	1/2		U.S. EPA ID N		0415	4.10
П	7. Transporter 2 Company Name				U.S. EFAID I	MINDE		
П	Designated Facility Name and Site Address				U.S. EPA ID N	lumber		····
П	Estileman Hills Landfill							
П	35251 Old Skyline Road				CA	T 0 0 0	646117	1
11	Metthaman City, CA 93239 559-385-9711 Facilitys Phone:							
П	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,		10.	Containers	11. Total	12. Unit	13. Was	te Codes
П	HM and Packing Group (if any))		No	. Туре	Quantity	Wt./Vol.		
۱	1. RQ UH3077, Environmentally Hazardous Substance, Solid, N.	000	],			Y	613	
Įĕ	PG III (Lead)	W.a. 9	1	ן מ	13	1		1, 3
GENERATOR	2.							
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	3.							
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$\  \ $	1. VVB) 37238 4PB8	السا أ	?					
	14. Special Handling Instructions and Additional Information							
П	Waste Profile # CA 611539							l
Ш	Non-RCEA Soil • Account # fo	cr ER ph	one#isBR3	1029				
П	15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this	s consignment	are fully and accur	ately described above	e by the proper sh	ipping nam	e, and are classifi	ed, packaged,
11	marked and labeled/placarded, and are in all respects in proper condition for transport acc Exporter, I certify that the contents of this consignment conform to the terms of the attache	ording to appl	icable international	and national governm	nental regulations.	. If export sl	hipment and I am	the Primary
П	I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large	ge quantity ge	nerator) or (b) (iff a	m a small quantity ge	nerator) is true.			
Н	Geperator's/Differor's Printed/Typed Name	Sig	gnature			7	Month	Day Year
<u></u>	Andrew Werra		· ·	4			111	1/1/6
INT	16. International Shipments Import to U.S.	Export from		ort of entry/exit: ate leaving U.S.:				
				ate leaving 0.5		. /		
TRANSPORTER	Transporter 1 Printed/Typed Name	Sig	gnature //	·	A - 4 /	11	Month	Day Year
100	KObest C Mitchell		14 terest	- ( -)	Wille	<u>él                                     </u>		11/1/6
N N	Transporter 2 Printed/Typed Name	Sig	gnature				Month	Day Year
E						3		<u> </u>
1	18. Discrepancy  18a. Discrepancy Indication Space Quantity  Type							
$\  \ $	18a. Discrepancy Indication Space Quantity Type		Resid	lue	Partial Rej	jection	,	Full Rejection
			Manifest R	eference Number:				
	18b. Alternate Facility (or Generator)				U.S. EPA ID I	Number		
ACIE ACIE			Pt.		1			
D.F.	Facility's Phone:  18c. Signature of Alternate Facility (or Generator)				<del></del>	<u> </u>	Month	Day Year
A	to a signature of the same of							1 1
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste trea	atment, dispos	al, and recycling sy	stems)				<u> </u>
DES	1. LJ , 2.7 2.	3.			4.			
	H132							
$\  \ $	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials cover Printed/Typed Name		nifest except as not gnature	ed in Item 18a			Month	Day Year
	Smit Ada	1	(				1//	11/1/1/2
EP	A Form 8700-22 (Rev. 3-05) Previous editions are obsolete.					т	RANSPOR	TER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)    VINIFORM HAZARDOUS   1. Generator ID Number   2. Page 1 of   3. Emergency Response Phone   4. Manifest Tracking Number   015036098	JJK
5. Generator's Name and Mailing Address City Venitures 144 Spear Street Sen Prancisco, CA 94106 415-450-0293 Generator's Phone:  6. Transporter 2 Company Name U.S. EPAID Number U.S. EPAID Number U.S. EPAID Number U.S. EPAID Number  Wettleman Hills 1 andfill 35251 Old Skyline Road Eactility's Phone:  Can be described and site Address Can be address C	JJK D
141 Spear Street San Francisco, CA 94106 415-450-0293 San Francisco, CA 94607  Generator's Phone:  6. Transporter 1 Company Name US. EPAID Number  8. Designated Facility Name and Site Address Kettlernan Hills 1 and fill 35251 Old Skyline Fload Facility's Phone:  1301 Market Street San Francisco, CA 94607  US. EPAID Number  US. EPAID Number  US. EPAID Number  CA T 0 0 0 6 4 6 1 1 7  Facility's Phone:	<u>D</u>
San Francisco, CA 9400 415-450-0293  Generator's Phone:  6. Transporter 1 Company Name  7. Transporter 2 Company Name  8. Designated Facility Name and Site Address Kett leman Hills 1 and fill 35251 Old Skyline Road  CA T 0 0 0 6 4 6 1 1 7  Facility's Phone:  San Francisco, CA 94007  San Francisco, CA 94007  U.S. EPAID Number  U.S. EPAID Number  CA T 0 0 0 6 4 6 1 1 7	D
Generator's Phone:  6. Transporter 1 Company Name  7. Transporter 2 Company Name  8. Designated Facility Name and Site Address  Kettlernan Hills 1 and fill  35251 Old Skyline Fload  Kettlernan City, CA 93239 559-385-9/11  Facility's Phone:	<u> </u>
6. Transporter 1 Company Name  7. Transporter 2 Company Name  8. Designated Facility Name and Site Address  Kett leman Hills 1 and fill  35251 Old Skyhne Road  C A T 0 0 0 6 4 6 1 1 7  Facility's Phone:	0
7. Transporter 2 Company Name  8. Designated Facility Name and Site Address  Kettlernan Hills Landfill  35251 Old Skyline Road  C A T 0 0 0 6 4 6 1 1 7  Facility's Phone:  U.S. EPAID Number  U.S. EPAID Number  C A T 0 0 0 6 4 6 1 1 7	
8. Designated Facility Name and Site Address  Kettlemen Hills Landfill  35251 Old Skyline Road  C A T 0 0 0 6 4 6 1 1 7  Facilitys Phone:  U.S. EPAID Number  C A T 0 0 0 6 4 6 1 1 7	
Kettleman Hills Landfill 35251 Old Skyline Road CAT 000646117  Facility's Phone:  Kettleman City, CA 93239   559-386-9711	
35251 Old Skyline Road C A T 0 0 0 6 4 6 1 1 7  Facility's Phone: Kett Leman City, C A 93239   \$59-385-9711	
Facility's Phone: Rett leman City, CA 93239 S59-386-9711	
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Was:	te Codes
HM and Packing Group (if any))  No. Type Quantity Wt_Vol.	
NO   NO   NO   NO   NO   NO   NO   NO	
14. Special Handling Instructions and Additional Information	
Waste Profile #CA 611539 Non-ECRA Soil Account # for ER phone # is BR31029	ı
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 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 to	d, packaged, he Primary
Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Coffsent.  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.	
Generators/Offeror's Printed/Typed Name Signature Month	Day Year
- 16. International Shipments	
Facility   16. International Shipments   Import to U.S.   Export from U.S.   Port of entry/exit:   Date leaving U.S.   Date leaving U.S.	
Transporter 2 Printed/Typed Name  Transporter 2 Printed/Typed Name  Month  Signature  Signature  Month	Day Year
Transporter 2 Printed/Typed Name Signature Month	Day Year
A I	
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	Day Year
NAT	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)	
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1 7/36	Cay Year

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1		ORM HAZARDOUS ASTE MANIFEST	1. Generator ID Number CACOO2882681		2. Page 1 of 3. E	mergency Response	e/Phone	4. Manifest	Tracking N 503	609	4 J.	JK -
	5. Ger	nerator's Name and Mailin	g Address Chrures		Geñ	erator's Site Address	Vit different tha	ın mailing addres	is)		-	
11			encus en Suect		Ê	330	l Market :	Charan				- 1
Ш		•		116 166 (0)67					•			
Н	Gener	ator's Phone:	ancisco, CA 94106 6	113-430-0532	i flyk þ	San	Francisco	, CA 9460	•			
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		nsporter 2 Company Nam		- 1		e e	<del>- i</del> -	U.S. EPA ID N				
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	8. Des	signated Facility Name and	d Site Address			٠, عاد		U.S. EPAID N	lumber		<del></del>	
			am Hills Landfill									
		35251 C	old Skyline Road	en e			1 1	CA	TOOC	6461	17	
Н		Rettleve	ian City, CA 93239	SS9-386-9711				1		1 .		
	Facilit	ys Phone:						1.		<del></del>		
	9a.	9b. U.S. DOT Description and Packing Group (if a	on (including Proper Shipping National)	ne, Hazard Class, ID Number	Γ,	10. Contai		11. Total	12. Unit	13.	Waste Code	s
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Н		Warte I	Profile # CA 611539									
Ш			CRA Seil	le comme met #	for UD whoma	eria toto sa Abr	,					
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Ш		exporter, I certify that the t certify that the waste min	contents of this consignment cont imization statement identified in 4	orm to the terms of the attact to CFR 262.27(a) (if I am a la	ned EPA Acknowledgi inge quantity generato	r) or (b) (iff am a sm	all quantity gen	erator) is true.				
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_	16. In	ternational Shipments			76			1			* `	3 1 3 Y
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		porter signature (for expo ansporter Acknowledgmen				Date leav	g 0.0	o !				
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15	ioD. F	Iternate Facility (or Gener	atory					U.S. EPA ID I	rui ii DCI			and the second
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F		y's Phone:	Ph. ( O 1. )		i ·			1 1			onth P-	V
巴	18C. S	Signature of Alternate Facil	my (or Generator)							· [ M	onth Da	y Year I
Ιž					-	i		<u> </u>			1	
DESIGNATED FACILITY	_	azardous Waste Report M	anagement Method Codes (i.e., o	codes for hazardous waste tre		recycling systems)		<del></del>				
ᆸ	1.	1	2.	÷	3.			4.	:			
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			or Operator: Certification of receig	t of hazardous materials cov			nn 18a					
11	Printe	d/Typed Name		$1/\sqrt{1/\sqrt{1/\sqrt{1/\sqrt{1/\sqrt{1/\sqrt{1/\sqrt{1/\sqrt{1/\sqrt{1/$	Signatur	e / //5<				Mo	onth Day	Year
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1	UNIFORM HAZARDOUS 1. Generator ID Number CAC/N2882381	2. Page 1 of 3. En	ergency Responsi	Phone C	4. Manifest	Tracking No. 503	6098	S JJK
Ш	5. Generator's Name and Mailing Address City Ventures	Gener	ator's Site Address	(if different that	in mailing addre	ess)		
Н	414 Spear Street		230	l Marat	Straut			
П	San Francisco, CA 94106 - 415-450-0293	1			, CA 9460	77		
Ш	Generator's Phone:		car	2.1 @ 11.136.0				
Н	6. Transporter 1 Company Name				U.S. EPA ID			
Ш	7. Transporter 2 Company Name						11599	10
Ш	7. Transporter 2 Company Name				U.S. EPA ID	Number		
П					<u> </u>			<u> </u>
П	8. Designated Facility Name and Site Address Kettleman Hills Landtill				U.S. EPA ID	Number		
П	35251 Old Skyline Road	•				ποσο	64611	<sub>7</sub>
Ш	Enclibée Phone: Keithernan City, CA 93239 S59-385-9711				1		64011	<i>'</i>
Н	Tacinty's Friorite.		1	<del></del>	<u> </u>		<del></del>	
Н	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	er,	10. Conta		11. Total Quantity	12. Unit	13. W	/aste Codes
$\ \cdot\ $	HM and Packing Group (if any))  1.		No.	Туре	Quantity	VILIVOI.		
۱ĸ		ar model o				1	611 ,	
١ĕ	RQ 1713077, Environmentally Hazardous Substance, Solid, b PG 111 (Lead)	9.O.S. 9	;	D 7	1 ?	Y		
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	14. Special Handling Instructions and Additional Information							
Ш	Waste Profile # CA 611539							:
Н	Non-RCRA Soil Account #	for BR phone	tis BR31029	Ģ				·
Ш	15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of the	his assaissment on ful	u and assumble de	andihad abaua	hu the proper	hinning nam	and am class	ified packaged
Н	marked and labeled/placarded, and are in all respects in proper condition for transport as	ccording to applicable i	nternational and na	tional governm	ental regulation:	s. If export st	ipment and I a	m the Primary
Ш	Exporter, I certify that the contents of this consignment conform to the terms of the attact I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a la	hed EPA Acknowledgm	ent of Consent.					1
П	Generator's/Offeror's Printed/Typed Name	Signature		ali quality ger	iciator) is a de.	-	Mont	h Day Year
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	116 International Shipments	<del></del>	2:4:4:	-1				<del>(                                    </del>
E	Import to U.S.  Transporter signature (for exports only):	Export from U.S.	Port of e	ntry/exit: /ing U.S.:				
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TRANSPORTER	Transporter 1 Printed/Typed Name	Signature		1			Mont	h Day Year
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Ž	Transporter 2 Printed/Typed Name	Signature	/	1			Mont	h Day Year
R								
1	18. Discrepancy							
П	18a. Discrepancy Indication Space Quantity Type	11	Residue	-	Partial R	ejection		Full Rejection
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Ľ	10) 11: 4.5.17: (.0.4.1)		Manifest Reference	e Number:	U.S. EPA ID	Number		
DESIGNATED FACILITY	18b. Alternate Facility (or Generator)				U.S. EFA ID	Number		-
ACI	Facility's Phase				1			
	Facility's Phone:  18c. Signature of Alternate Facility (or Generator)				<u> </u>	<u> </u>	Mor	nth Day Year
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SN	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste to	reatment, disposal, and	recyclina systems)				1	
ES	1.   2.	3.		-	4.			
"	17 132 1							
$\parallel$	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials cov	vered by the manifest ex	cept as noted in Ite	em 18a	1	<u>-</u>		
$\  \ $	Printed/Typed Name	Signature			1		Mor	th Day Year
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1		FORM HAZARDOUS ASTE MANIFEST	1. Generator ID Nu			2 - Rage 1	oj - aj. Eme K	rgency Respons	Fhone	4. Manifest 01	Tracking N 503	609	97 J.	JK
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	. 6	narked and labeled/placar Exporter, I certify that the c	ontents of this cons	signment conform	to the terms of the attache	ed EPA Ackn	owledgmen	of Consent.	• -	•	ii export sr	ipment and	i am ine Prin	ary
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<b>DESIGNATED FACILITY</b>	19. Ha	azardous Waste Report Ma	nagement Method	Codes (i.e., code	s for hazardous waste trea	atment, dispo	sal, and red	ycling systems)			···· ·· ·			
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		esignated Facility Owner or	r Operator: Certifica	ation of receipt of I	nazardous materials cover			pt as noted in Ite	m 18a				lonth / nd	4 1 VA
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WASTE MANIF	27.5 4		2. Page 1 of 3, 1	Emergency Respons	erPhone	4. Manifest	Tracking N	609:	3 JJI	K
5. Generator's Name			Gen	erator's Site Address	(if different th					
	City Ventures 414 Spear Street		= $f$	230	l Llarket	Street				
	•	M106 415-450-0293	1			o, CA 9460	77			
Generator's Phone: 6. Transporter 1 Con	pany Name			tt ii		U.S. EPA (D		· · · · · · · · ·		
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1	Settleman Hills Land					U.S. EPAID	Nullingi		erit Historia	
	5251 Old Skyline Ra					CP	T 000	64511	7	
Facility's Phone:	salianian City, CA i	93239   559-386-9711		· · · · · · · · · · · · · · · · · · ·					N <sub>ine</sub>	
1 1 00. 1	Description (including Proper S Group (if any))	Shipping Name, Hazard Class, ID No	umber,	10. Conta	T -	11. Total Quantity	12. Unit Wt./Vol.	13. V	/aste Codes	!
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Exporter, I certif	ly that the contents of this consig	gnment conform to the terms of the	attached EPA Acknowledge	ment of Consent.		•	, ii oxport or			
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	5. Generator's Name and Mailing Address City Ventures	Genera	itor's Site Address (	if different tha					
	44 Spear Street			Market :					
$\  \cdot \ $	San Francisco, CA 94105 415-450-0293 Generator's Phone: 6. Transporter 1 Company Name		San I	rancisco	U.S. EPAID I				
	Infauation Trans II	x # :	3				0415	990	•
	7. Transporter 2 Company Name			)	U.S. EPA ID N		,		
	8. Designated Facility Name and Site Address		-	·	U.S. EPA ID N	lumber		<del></del>	
Ш	Kettleman Hills Landfill 35251 Old Skyline Road			-	C A	T000	54611	7	
	Facilitys Phone: Kettleman City, CA 93239 559-385-9711				1	٠,			
Ш	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Numl and Packing Group (if any))	ber,	10. Contain	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	ste Codes	3
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$\ $	14. Special Handling Instructions and Additional Information		Marin Sa	4	W	アク	37/4		
$\prod$	Waste Profile # CA 611539 Non-RCHA Soil Account	# for BR phone #	is BR31029		4	n 79	3571	τ,	
$\parallel$	15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of								aged.
П	marked and labeled/placarded, and are in all respects in proper condition for transport Exporter, I certify that the contents of this consignment conform to the terms of the atta	according to applicable in ached EPA Acknowledgme	ternational and nation	onal governme	ental regulations				
$\ $	I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a Generators Offeror's Printed/Typed Name)	large quantity generator) Signature	or (b) (if I am a sma	equantity gen	erator) is true.		Month	Day	Year
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투	18. Discrepancy					tu.			
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FACI	Facility's Phone:		;	<u>'</u>	l				
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator)				- G	•	Mont	h Day	Year
SIGN	19. Hazardoùs Waste Report Management Method Codes (i.e., codes for hazardous waste		ecycling systems)	N.		- 11		<u> </u>	
H	H32 2	3.		1	4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials of		ept as noted in Iten	n 18a			84		
	Printed/Typed Name	Signature				•	Mont	/ <sub>1</sub> /\	7/4
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5. Generator's Name and Mailing Address เกรา ได้เกษายร	Génerat	or's Site Address	(if different th	an mailing addre	ss)			
444 Spear Street			l Mæket		25			ŀ
San Francisco, CA 94105 415-450-0293 Generator's Phone:	<u> </u>	5811	Francisco	λ CA 9460				
6. Transporter 1 Company Name  IN FATUATION TRANS				U.S, EPAID	004)	15-99	70	
7. Transporter 2 Company Name	·····	7	·*: ;	U.S. EPA ID		······································		$\neg$
8. Designated Facility Name and Site Address				U.S. EPA ID	Number			
Kettlernen Hills Landfill 35251 Old Skyline Road Kettlernan City, 72, 93239   659-385-9711				€ <i>P</i>	. T 0 O (	6401	17	
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number	er,	10. Conta		11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Codes	
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14. Special Handling Instructions and Additional Information								
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marked and labeled/placarded, and are in all respects in proper condition for transport a Exporter, I certify that the contents of this consignment conform to the terms of the attact	ched EPA Acknowledgmen	of Consent.			s. If export sl	hipment and I	am the Primai	y
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a I Generator's/Offieror's Printed/Typed:Name	large quantity generator) o Signature	(b) (if lam a sm	nall quantify-ge	nerator) is true.		Moi		Year
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ase print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS 1. Generator ID Number じんごみ2882681	2. Page 1 of 3. Em	rgency Response Thone	4. Manifest	Tracking N	m Approved. 0 lumber 86092		
5. Generator's Name and Mailing Address City Ventures 411 Spear Street San Francisco, CA 941co 415-450-0293	1 7	or's Site Address (if different the 2301 Market San Francisc	an mailing addre	ess)	10002		<u> </u>
Generator's Phone: 6. Transporter 1 Company Name 7. Transporter 2 Company Name			U.S. EPA ID	Number	15990		
8. Designated Facility Name and Site Address  Kettleman Hills Landfill  35251 Old Skyttne Road  Facility's Phone: Kettleman City, CA 93239 559-385-9711			U.S. EPA ID		0646117	•	
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	er,	10. Containers No. Type	. 11. Total  Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes	
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4.	. •			ı			
14. Special Handling Instructions and Additional Information  Waste Profile # CA 611539  Non-RCRA Soil Account #	for ER phone#	IS BR31029	à.				
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of the marked and labeled/placarded, and are in all respects in proper condition for transport at Exporter, I certify that the contents of this consignment conform to the terms of the attact I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a labeled in the contents of the attact I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a labeled in the contents of the content	according to applicable int ched EPA Acknowledgmer	ernational and national government of Consent.	nental regulation		hipment and I am	the Primar	ry
Generator Offeror's Printed/Typed Name	Signature	1			Month	/5	Year
16. International Shipments Import to U.S.  Transporter signature (for exports only):	Export from U.S.	Port of entry/exit: Date leaving U.S.:	· · · · · · · · · · · · · · · · · · ·				
17. Transporter Acknowledgment of Receipt of Materials  Transporter 1 Printed/Typed Name  Transporter 2 Printed/Typed Name	Signature Signature	,			Month Month	Day L S Day	Year
18. Discrepancy  18a. Discrepancy Indication Space Quantity		Residue	: Partial Re	election		Full Rejec	ction
		fanifest Reference Number:	U.S. EPA ID				
18b. Alternate Facility (or Generator)  Facility's Phone: 18c. Signature of Alternate Facility (or Generator)  19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste tr.)  1.   2.		- <del> </del>	1	-	Mont	n Day	Ye
H132	3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered/Typed Name	vered by the manifest exc Signature	ept as noted in Item 18a			Month	Day	Yea

SITE			SITE TICKET #		CELL		
KELLER CAN 901 Baile	KELLER CANYON LANDFILL 925-232-2999 901 Bailey Road Pittsburg, CA	666	01   weighmaster	1096689			
CUSTOMER			DATE/TIME IN	Manuel Z.	DATE/TIME OUT	TUC	
674789	0		-	14/16 10:30 0	11/	14/16	10.30 am
BTI	Environmental		VEHICLE	•	CONTAINER	) H	
402 H	402 Hartz Ave., Bldg C		REFERENCE				
Danvi	Danville, CA 94526		3487344	344			
Contract:	Contract:42121619254 Generator:City Ventures		BILL OF LADING				
S	SCALE IN GROSS WETGHT TARE OUT TARE WEIGHT	80,220 NET TONS 23.44 33,340 NET WEIGHT 46,880			INBOUND	UND	
TIND OTY.		DESCRIPTION		RATE EXTENSION		TAX	TOTAL
20.00 YD 23.44 tn	Tracking QTY SW-BENEFICIAL REUSE	Origin:OAKLAND 100%					
		and a second			-		
		LNE					
			100				
WEIGHMAS	WEIGHMASTER CERTIFICATE - This is to ce	is to certify that the following described commodity was weighed	vas weighed,				NET AMOUNT
measured, o	or counted by a weighmaster, whose	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 1270) of Division 5 of the	ognized ion 5 of the				
California Bu	usiness and Professions Code, adr	California Business and Professions Code, administered by the Division of Measurement Standards of the	andards of the				TENDERED
California De The undersi	California Department of Food & Agriculture. The undersigned Individual signing this document	alifornia 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	has read and unders	tands the terms and co	onditions		CHANGE
on the rever	rse side and that he or she has the author	on the feverse side and that he or she has the authority to sign this document on behalf of the customer.	M	1	1		CHECK#
RS-F042UPR (07/12)	2)	SIGNATURE	Com	Mille			



## NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3487344

If waste is asbestos waste, complete Sections I, II, III and IV If waste is <u>NOT</u> asbestos waste, complete Sections I, II and III

		77 1		-
10	7	7	10	1
4				

I. GENERATOR (General	tor completes						
a. Generator's US EPA ID Number		b. Manifest Docu	ment Number		c. Page	1 of	
N/A			N/A	Idragas		1	
d. Generator's Name and Location:			e. Generator's Mailing Ad				
City Ventures			City Ven				
2301 Market Stree			444 Spe				
f. Phone: Oakland, CA 9460			g. Phone: San Frai	ncisco, C	A 94106	415-450-02	93
If owner of the generating facility differs	from the generato	r, provide:					
h Ouwarda Namas			i. Owner's Phone No.:				
h. Owner's Name: i. Waste Profile #	k. Exp. Date	I Waste Shir	pping Name and	m Cor	ntainers	n. Total	o. Unit
j. Waste Profile #	k. Exp. Date	Description	philig Hame and	No.	Type	Quantity	Wt/Vol
				Mark In	(1) *S.d.	A HERETER	
42121619254	11.03.17	Non-Ha	zardous Soll	- 1	DT	18	Υ
GENERATOR'S CERTIFICATION: I her state law, has been properly described, waste is a treatment residue of a previou been treated in accordance with the requ	classified and pac usly restricted haz	kaged, and is in prop ardous waste subjec	per condition for transportati t to the Land Disposal Resti	on accordir rictions. I ce	ng to appli ertify and v	cable regulations varrant that the w	AND, if this
How Win	1		gora				
p. Generator Authorized Agent Name (P		q. Signature			r. Date		
II. TRANSPORTER (Gen	erator complet	es Ila-b and Tra	nsporter completes llc	-e)			
a. Transporter's Name and Address: J	- A	23714	Lille	11	114	-11	
c. Driver Name (Print)	d. Sig	nature	arry)	e. Date		16	
III. DESTINATION (General			ation Site completes II	lld-a)			
	ator complete	c. US EPA Nur			ο.		
a. Disposal Facility and Site Address:	Ifill .	C. OS LI A INGI	d. Discrepancy maio	ation opac	· ·		
901 Bailey Road							
Pittsburg, CA 9456	5 925-232	-2999					
b.							
I hereby certify that the above named m	aterial has been a	ccepted and to the b	est of my knowledge the fol	regoing is ti	rue and ad	curate.	
Manuel Cana	0	Mille	Truck		1-1.	4-16	
e. Name of Authorized Agent (Print)	f. Sigr	nature		g. Date	W		
IV. ASBESTOS (Generato	r completes IV	a-f and Operator	complete IVa-i)				
	35p.0.00 1V		c. Responsible Agency Na	ame and A	ddress:		
a. Operator's Name and Address:		X III A	o. Neaponable Agency No	and and A	au 1000.		
N/A							
b. Phone:	1141		d. Phone:				
e. Special Handling Instructions and Add	utional Information	n:					
f. Friáble Non-Friable Bot OPERATOR'S CERTIFICATION: I herel and are classified, packaged, marked ar national governmental regulations.	ov declare that the	Friable contents of this con ed, and are in all res	% Non-Friable signment are fully and accu pects in proper condition fo	rately desc r transport	ribed abov according	ve by the proper s to applicable inte	shipping nam rnational and
	41						
a Operator's Name and Title (Drint)	h Ci-	unaturo		i. Date			
<ul><li>g. Operator's Name and Title (Print)</li><li>*Operator refers to the company which of</li></ul>		nature	pervises the facility being de		r renovate	d, or the demoliti	on or
renovation operation or both	o, iodoca, opei	or mois, or sup					

1	t .	סססט מכט פסט דידים חוגיהי נימסטוניה מם דידים		SITE	TICKET #	1096730	CELL			
90.	Baile	Doll Bailey Road Pittsburg, CA	0.00	WEIG	WEIGHMASTER	[				
TOMER	674789	5	9	DATE	DATE/TIME IN	1 2	DATE/	IME OUT	12.40 mm	
	BTI I	BTI Environmental 402 Hartz Ave., Bldg C		VEHICLE			CONTA	ER	200	
. (	Danvil	Danville, CA 94526		REFE	REFERENCE 3487351	351				
Cor	tract: erator	Contract:42121619254 Generator:City Ventures		BILL	BILL OF LADING		4 =			
	S(	SCALE IN GROSS WETGHT TARE OUT TARE WEIGHT	78,480 NET TONS 33,340 NET WEIGHT	22.57 45,140			[N]	INBOUND		
TY.	TINO		DESCRIPTION			RATE EXTEN	EXTENSION	TAX	TOTAL	
20.00	0 YD	Tracking QTY SW-BENEFICIAL REUSE	Origin:OAKLAND 100%							
							1			
WE	GHMAS	WEIGHMASTER CERTIFICATE - This is to ce	is to certify that the following described commodity was weighed,	nmodity was w	eighed,				NET AMOUNT	
me	asured, o	r counted by a weighmaster, whos accurace, as prescribed by Chapte	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	o is a recogniz )) of Division 5	ed of the					
Ca	ifornia Bu	usiness and Professions Code, adr	California Business and Professions Code, administered by the Division of Measurement Standards of the	ement Standa	rds of the				TENDERED	
පී ්	ifornia De	California Department of Food & Agriculture.  The understaned individual stanting this document	alifornia Department of Food & Agriculture. The undersigned individual signing this document on behalf of Customer acknowledges that he or she has reed and understands the terms and conditions	t he or she has	zeed and unders	ands the terms and o	conditions		CHANGE	

QTY.

SITE

CUSTOMER

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has reed 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

CHECK#



## **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

3487351

If waste is asbestos waste, complete Sections I, II, III and IV If waste is  $\underline{\text{NOT}}$  asbestos waste, complete Sections I, II and III

I. GENERATOR (Generat	or completes la	a-r)					
a. Generator's US EPA ID Number		b. Manifest Docu	ment Number		c. Page	1 of	
N/A	Company Company		e. Generator's Mailing A	Address:		1	
d. Generator's Name and Location:							
City Ventures			City Ve				
f. Phone: Oakland CA 9460				ear Street	0.04400	415 450 00	0.0
f. Phone:  If owner of the generating facility differs f	rom the generator,	provide:	g. Thenet Earn Fr	ancisco, U	O. 44706	415 45U UZ	83
h. Owner's Name: i. Waste Profile #	k. Exp. Date	I Waste Shir	i. Owner's Phone No.:	m. Con	tainers	n. Total	o. Unit
, waste Profile #	k. Exp. Date	Description	oping Hame and	No.	Туре	Quantity	Wt/Vol
42121619254	11.03.17	Non-Ha	zardous Soll	1	DT	18	Υ
GENERATOR'S CERTIFICATION: I her state law, has been properly described, or waste is a treatment residue of a previou been treated in accordance with the requ	classified and packa Isly restricted hazai	aged, and is in prop rdous waste subjec	per condition for transporta t to the Land Disposal Res	ation accordin strictions. I ce	g to appli- rtify and v	cable regulations varrant that the v	; AND, if this
A A A A A A A A A A A A A A A A A A A		CV 200 dild igno to.					
p. Generator Authorized Agent Name (P	rint) a	. Signature			r. Date		
II. TRANSPORTER (Gene			neporter completes II	(c-e)	1. 50.0		
b. Phone: 760-223-12	-Atauat	WP7371	+ #3	Bak	9 K	field	93 709
Danny Lilly	10	farm.	will.	11-1	14-	16	
c. Driver Name (Print)	d. Sign		0	e. Date		A.	
III. DESTINATION (General	ator complete II	la-c and Destin	ation Site completes	IIId-g)			
a. Disposal Facility and Site Address: Keller Camyon Land 901 Bailey Road b. Pittsburg, CA 9156	5 925-232-2	c. US EPA Nui				ocurato.	
I hereby certify that the above named ma	aterial has been ac	cepted and to the t	est of my knowledge the i	oregoing is ti	ue and ad	curate.	1
FFMF GOV	100	-	2		11	111	0
	1 6 0:	nt					
	f. Signa			g. Date	200		
IV. ASBESTOS (Generator			c. Responsible Agency I		ldress:		
IV. ASBESTOS (Generator a. Operator's Name and Address:  N/A b. Phone:	r completes IVa	a-f and Operato			idress:		
IV. ASBESTOS (Generator a. Operator's Name and Address:  N/A b. Phone:	r completes IVa	a-f and Operato	c. Responsible Agency I		dress:		
IV. ASBESTOS (Generator a. Operator's Name and Address: b. Phone: e. Special Handling Instructions and Add	r completes IVa	a-f and Operato	c. Responsible Agency I d. Phone:		idress:		
IV. ASBESTOS (Generator a. Operator's Name and Address:  b. Phone: e. Special Handling Instructions and Address:  f.   Friable   Non-Friable   Bot OPERATOR'S CERTIFICATION: I heret and are classified, packaged, marked an	ditional Information:	riable	c. Responsible Agency I  d. Phone:  % Non-Friable signment are fully and acc	Name and Ac	ribed abov	ve by the proper to applicable inte	shipping nar ernational an
a. Operator's Name and Address:  b. Phone: e. Special Handling Instructions and Address:  f.  Friable  Non-Friable  Bot OPERATOR'S CERTIFICATION: I hereb	ditional Information:	riable contents of this cord, and are in all res	c. Responsible Agency I  d. Phone:  % Non-Friable signment are fully and acc	Name and Ac	ribed abov	ve by the proper to applicable inte	shipping nar ernational an

SITE TICE KELLER CANYON LANDFILL 925–232–2999 $01$	TICKET # 1096781	CELL		
901 Bailey Road Pittsburg, CA	Felipe C.			
CUSTOMER 674789	7 9 1 1 1 1 1 1 1 6 2	DATE/TIME OUT	2.49	ncı
	0 4	CONTA	1	
402 Hartz Ave., Bldg C	TIT3			
Danville, CA 94526	3487350			
Contract: 42121619254	S.			
Generator:City Ventures				
SCALE IN GROSS WEIGHT 79,820 NET TONS 23.24		INBOUND	Q	
TARE OUT TARE WEIGHT 33,340 NET WEIGHT 46,480		INVOICE	E	
QTY. UNIT DESCRIPTION	RATE EX	EXTENSION TAX	C TOTAL	7
20.00 YD Tracking QTY 23.24 tn SW-BENEFICIAL REUSE Origin:OAKLAND 100%				
US the Right Thing!				
WEIGHMASTER CERTIFICATE - This is to certify that the following described commodity was weighed.			NET AMOUNT	INT
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	Ç		L CANDE	
California Department of Food & Agriculture.	ב			2
The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions	understands the terms a	nd conditions	CHANGE	
on the reverse side and that he or she has the authority to sign this document on behalf of the customer.	,			

CHECK#

SIGNATURE

RS-F042UPR (07/12)



# **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

3487350

If waste is asbestos waste, complete Sections I, II, III and IV If waste is <u>NOT</u> asbestos waste, complete Sections I, II and III

I. GENERATOR (Generat	or completes I	a-r)					
a. Generator's US EPA ID Number		b. Manifest Docum	nent Number		c. Page	1 of	
N/A			N/A			1	
d. Generator's Name and Location:			e. Generator's Mailing				
City Ventures				entures :			
f. Phone: Oakland, CA 9460				pear Street	A 0/106	415-450-02	84
If owner of the generating facility differs f		, provide:	g. I none.	remonaud, vo	- 04100	413-430-02	0-0
			i Owner of Dharas Na				
h. Owner's Name: j. Waste Profile #	k. Exp. Date	I Waste Ship	i. Owner's Phone No.: ping Name and		tainers	n. Total	o. Unit
j. Waste i Tolle #	K. Exp. Bate	Description	ping ramo and	No.	Туре	Quantity	Wt/Vol
42121619254	11.03.17	Non-Haz	zardous Soil	1	DT	18	Y
						\$ 30 m	
GENERATOR'S CERTIFICATION: I her state law, has been properly described, of waste is a treatment residue of a previou been treated in accordance with the requ	lassified and pack sly restricted haza	kaged, and is in prop ardous waste subject	er condition for transpor to the Land Disposal Re	tation accordin estrictions. I ce	g to application of the state o	cable regulations; varrant that the wa	AND, if this
Brown WEINE			-				
p. Generator Authorized Agent Name (Pr		q. Signature			r. Date		
II. TRANSPORTER (General Address:	erator complete	es Ila-b and Tran	nsporter completes	lic-e)			
b. Phone: 700 303 129	enfauati	3774	THE H	Baktus	fie	93306	
Danny	1/6:	burn	Though	-	14-	16	
c. Driver Name (Print)  III. DESTINATION (General	d. Sign		ation Site completes	e. Date			
a. Disposal Facility and Site Address:	fill 5 925-232-	c. US EPA Num	nber d. Discrepancy Ir	ndication Space			
I hereby certify that the above named ma	terial has been ac	ccepted and to the be	est of my knowledge the	foregoing is tr	ue and ac	curate.	
Attoulorn	1.7	12			11-1	4-16	
e. Name of Authorized Agent (Print)	f. Sign			g. Date		de la companya della companya della companya de la companya della	
IV. ASBESTOS (Generator	completes IVa	a-f and Operator			L. Hall		
a. Operator's Name and Address:			c. Responsible Agency	Name and Ad	dress:		
b. Phone:	(4) 1		d. Phone:				
e. Special Handling Instructions and Add							
f. Friable Non-Friable Bott	1 % F	riable	% Non-Friable	courately dea-	ihad aba	e by the preper a	hinning name
and are classified, packaged, marked an national governmental regulations.	d labeled/placarde	ed, and are in all resp	pects in proper condition	for transport a	according	to applicable inter	national and
g. Operator's Name and Title (Print)  *Operator refers to the company which o	h. Sigr	nature	envises the facility heing	i. Date	renovate	d or the demolitic	on or
renovation operation or both	mis, icases, opera	atos, controls, or sup	*	dell'ionarieu oi	Toriovale	a, or the demonde	