To Whom It May Concern:

"I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website."

Mark C. Elliott

Clean Earth Geologic, LLC

1001 Rolling Woods Way, Concord, CA 94521
(925) 413-8604

November 7, 2017

REPORT
For
SOIL EXCAVATION
at
Elliott Property
745 Kevin Court
Oakland, California

Prepared for:
Mark Elliott
408 Silver Chief Way
Danville, CA 94526

Submitted by:
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1.0 INTRODUCTION

This report presents the methods and findings of Clean Earth Geologic, LLC (CEG)'s soil remediation at 745 Kevin Court in Oakland, California (Figure 1). This report was prepared for Mark Elliott, the current property owner, and Joe Bernardini of JD Services, the tenant on the property.

2.0 BACKGROUND

The subject property has been owned by The Elliott Family since the mid 1970's and used by their family as a roofing company warehouse and yard. At the time of the property purchase, the buildings along the western property line and a 1,000 gallon underground storage tank (UST) already existed at the site. The Elliotts built the building on the eastern side of the property some time later.

A Phase I Environmental Site Assessment was completed for the subject site by ERAS Environmental in October 2014. During the Phase I, files from the Alameda County Health Care Services Agency (ACHCSA) and the Oakland Fire Department (OFD) were reviewed, and records were noted that a 1,000 gallon UST that held motor-vehicle fuel (gasoline) was located at the site, and removed in 1991 (by the Elliotts). The files were not complete – items regarding UST use permits and the UST removal report were missing. No files indicating soil or water sampling at the time of the UST's removal were found in the files.

In November 2014, AEI Consultants performed a Phase II Site Assessment at the subject site that included the installation of four shallow soil borings within and surrounding the former UST location for the collection of grab groundwater samples. Total petroleum hydrocarbons as gasoline (TPH-G), benzene, and toluene were identified in groundwater samples collected from three of the four grab water samples. The highest concentrations were identified in soil boring HP-2, located just north of the former UST, and included 6,200 parts per billion (ppb) TPH-G, 73 ppb benzene, and 12 ppb toluene. AEI concluded that the findings of their 2014 investigation indicated that gasoline-impacted soil exists in the area of the former UST, which appears to be acting as the source of groundwater impacts.

In January 2016, Aqua Science Engineers (ASE) drilled borings BH-A through BH-D in and surrounding the former UST pit. The boring locations are shown on Figure 1, and the soil and groundwater analytical results are tabulated in Tables One and Two. Two soil vapor sampling points were also drilled. Benzene was detected in the soil vapor samples at concentrations ranging from 5.5 to 6.1 ug/m3 (micrograms per cubic meter). Toluene was detected at concentrations ranging from 8.2 to 9.7 ug/m3. Total xylenes were detected at concentrations ranging from 10 to 12 ug/m3. No TPH-G, ethyl benzene or naphthalene concentrations were detected. None of the detected concentrations exceeded ESLs. The samples also contained sufficient oxygen (over 4%) to allow for bioremediation.

In May 2017, ASE drilled borings BH-E through BH-I to further define the extent of soil and groundwater contamination at the site. Total petroleum hydrocarbons as diesel (TPH-D) concentrations in the soil samples ranged from 1.5 ppm to 89 ppm., with the highest concentration of 89 ppm in BH-G. No significant TPH-G concentrations were detected. The only groundwater sample to contain TPH-G was BH-H, which contained 510 ppb TPH-G. Groundwater samples collected from all five borings contained TPH-D at concentrations ranging from 1,500 ppb and 16,000 ppb.

3.0 SCOPE OF WORK

At a meeting held on August 18, 2017 attended by Ms. Karel Detterman and Ms. Dilan Roe of the ACHCSA; Mr. Mark Elliott, the property owner; Mr. Joe Bernardini of JD Services, the tenant; and Robert Kitay of Clean Earth Geologic, the ACHCSA stated that based on information from a nearby site, they no longer believed that hydrocarbon-bearing groundwater beneath the site presented a threat to the nearby surface waters. However, they requested that a limited amount of soil at the site in the vicinity of borings BH-D and BH-G be excavated and removed from the site to prevent hydrocarbons in soil surrounding these borings from being a potential source of future groundwater contamination. The ACHCSA stated that this would be the last requirement to obtain case closure. The specific proposed scope of work was as follows:

1) Visit the site and discuss the project with the tenant/contractor and notify the ACHCSA of the project. The excavation contractor will notify Underground Service Alert (USA) to have underground utility lines marked.

2) Cut, break and remove the concrete surface, prepare a bermed area to provide control of runoff water from saturated soil, and excavate and stockpile the soil.

3) A geologist will supervise the excavation of contaminated soil based on observation and scanning the soil with a photoionization detector (PID). The soil will be stockpiled in a bermed area on plastic sheeting.

4) Collect one soil sample from the stockpile and have the sample analyzed at a state certified analytical laboratory for TPH-D by Method 8015, and TPH-G and benzene, toluene, ethyl benzene, and total xylenes (collectively known as BTEX) by Method 8260B on a 24-hour rush basis.

5) Provide analytical results to the tenant/contractor to profile soil into an appropriate landfill.

6) Contractor/tenant will directly load and transport the soil to the landfill.

7) Prepare a report describing this project for submittal to the ACHCSA and upload the report to the ACHCSA FTP site and Geotracker.

Details of the remediation are presented below.

4.0 PRE-EXCAVATION NOTIFICATIONS

Prior to excavation, CEG notified the ACHCSA of the excavation date in the event that they would like to observe the project.

JD Services, the tenant on the property who is also a contractor and operated the excavator, notified Underground Service Alert (USA) to have underground utility lines marked in the site.

5.0 SOIL OVEREXCAVATION

Prior to the excavation, JD Services cut and broke out the concrete surface in the area surrounding borings BH-D and BH-G. They also prepared a bermed area lined with plastic sheeting to control any runoff from saturated soil that was to be removed from the excavation.

On October 25, 2017, JD Services excavated soil in the vicinity of borings BH-D and BH-G. CEG principal geologist Robert Kitay, PG, directed the excavation. Soil was screened during removal based on color (all black soil was removed), odors (very few odors were present), and PID readings (no PID readings above 0 parts per million by volume were observed). A concrete line or support for the previous building was present in the excavation approximately 1/3 of the distance from the western sidewall. All soil above and surrounding this concrete line/support was removed.

The sidewalls generally consisted of clayey silt from beneath the concrete to a depth of 4-feet, and silty sand from 4-feet to the bottom of the excavation that ranged from 5 to 6-feet bgs. At the completion of the excavation there was a little water in the excavation, primarily in the western side of the excavation and only a few inches. No sheen or free-floating hydrocarbons were present on the surface of the water. The final dimensions of the excavation were 21 feet long, by 5-feet wide, by 5 to 6 feet deep (deepest on the eastern side).

A fair amount of metal debris was removed during the excavation, as well as a small amount of brick. Most of the black soil surrounded this metal debris. At the completion of the excavation, there was no evidence of black soil or soil with any other indications of petroleum hydrocarbons remaining in the ground.

CEG geologist Robert Kitay collected a soil sample from the stockpiled soil. The blackest soil visible in the stockpile was sampled by driving a stainless-steel tube into the soil. The sample was then sealed with Teflon squares and plastic end caps, labeled and chilled in an ice chest with

wet ice for transport to McCampbell Analytical of Pittsburg, California (ELAP certification 1644) under chain of custody documentation. Per discussions with the ACHCSA during the August 18, 2017 meeting, no sidewall or other confirmation samples were collected other than the stockpile sample.

Photos of the excavation are located in Appendix A. A diagram of the sidewalls is included as Figure 2.

6.0 ANALYZE STOCKPILE SOIL SAMPLE

The stockpiled soil sample was analyzed by McCampbell Analytical, Inc. of Pittsburg, California (DHS ELAP certification #1644) for TPH-D by SW Method 8015B and TPH-G and BTEX by SW Method 8021/8015Bm. The only hydrocarbon detected was 36 ppm TPH-D. No TPH-G or BTEX was detected. The certified analytical report and chain of custody forms are included in Appendix B.

7.0 SOIL OFF-HAUL AND DISPOSAL

The soil was profiled into the Potrero Hills Landfill in Suisun City, California for disposal as non-hazardous waste under approval PHLF-17-901. On November 3, 2017, JD Services transported 17 tons of soil to Potrero Hills Landfill. Manifests and disposal receipts are presented in Appendix C.

8.0 EXCAVATION BACKFILLING

The excavation was backfilled with virgin aggregate material obtained from Vulcan Material's Pleasanton, California facility. The receipt is presented in Appendix D.

9.0 CONCLUSIONS AND RECOMMENDATIONS

CEG overexcavated hydrocarbon-bearing soil from an excavation that included former borings BH-D and BH-G, which contained the highest hydrocarbon concentrations in soil during previous investigations. Although no confirmation soil samples were collected, all black and odorous soil was removed. The stockpiled soil was sampled and transported to Potrero Hills Landfill in Suisun City, California for disposal as non-hazardous waste.

The excavation was then backfilled with virgin aggregate material obtained from Vulcan Materials Pleasanton, California facility.

It now appears all soil that could be a potential significant source of future groundwater contamination has ben removed from the site.

CEG formally requests that this case be closed by the ACHCSA and that a "no further action" letter be issued.

10.0 REPORT LIMITATIONS

The opinions and conclusions presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by CEG and the party for whom this report was originally prepared. The report is an instrument of professional services and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representations, warranty, or guarantee, expressed or implied, is intended or given. To the extent that CEG relied upon any information prepared by other parties, CEG makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared has the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

Results of any investigation or testing and any findings presented in this report apply solely to conditions existing at the time when CEG's investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the project site may vary from those locations where data were collected. CEG's ability to interpret investigation results is related to the availability of the data and the extent of the investigational activities. As such, 100% confidence in environmental investigation conclusions cannot be reasonably achieved.

CEG therefore does not provide any guarantees, certifications, or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

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Should you have any questions or comments, please call us at (925) 413-8604.

Respectfully submitted,

CLEAN EARTH GEOLOGIC, LLC

Robert E. Kitay, P.G.
Principal Geologist

Clean Earth Geologic, LLC
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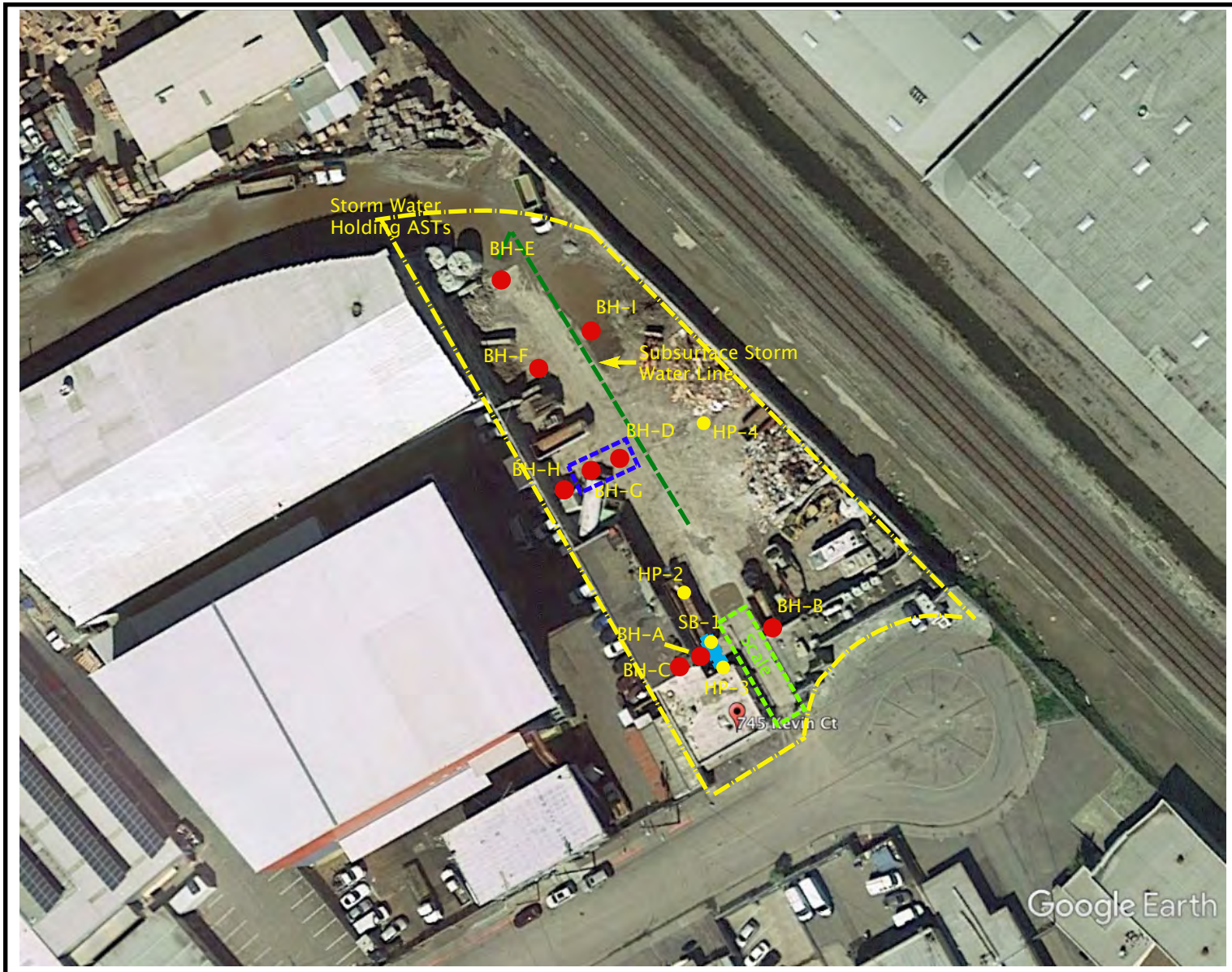
FIGURES



NORTH

0 25

SCALE
IN FEET

LEGEND

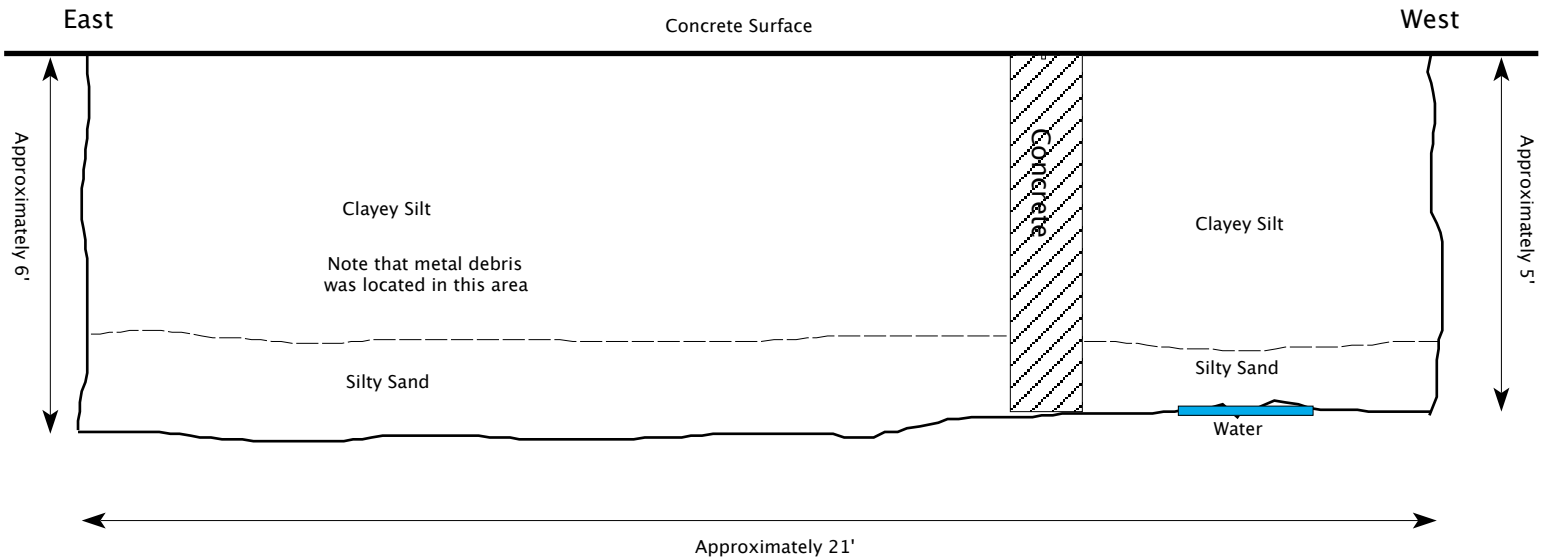
- Former UST
- Excavation Location
- Boring Drilled by ASE
- Boring Drilled by AEI

BORING LOCATION MAP
WITH
EXCAVATION LOCATION

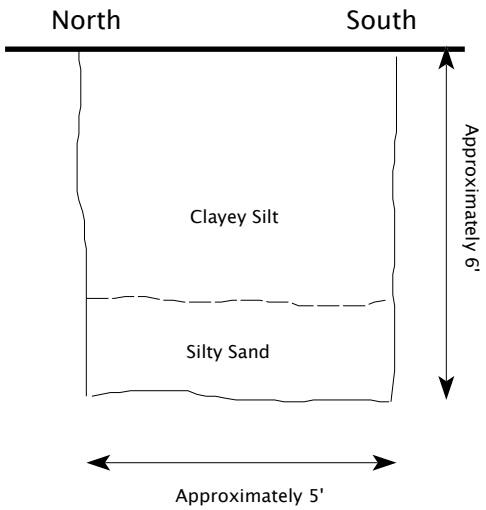
745 Kevin Court
Oakland, California

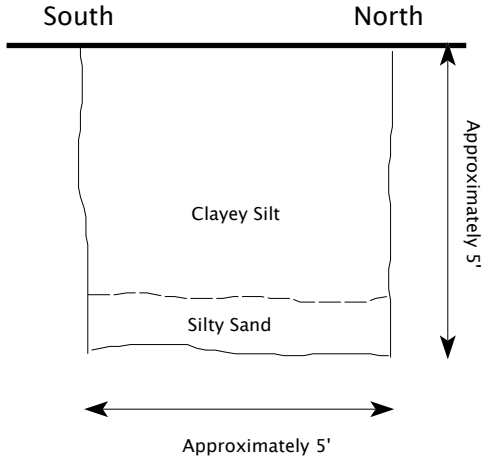
Clean Earth Geologic, LLC

Figure 1



Note that the opposite sidewall was a mirror image





SIDEWALL PROFILES

Elliott Property
745 Kevin Court
Oakland, California

CLEAN EARTH GEOLOGIC, LLC | FIGURE 2

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TABLES

TABLE ONE

Summary of Analysis of SOIL Samples

745 Kevin Court, Oakland, California

All results are in **parts per million (ppm)**

Boring Location	Sample Depth (ft)	TPH Gasoline	TPH Diesel (w/SGCU)	TPH Diesel (wo/SGCU)	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Naphthalene	MTBE	TBA	Other Oxygenates
BH-A	3.5	< 0.25	83	110	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
	7.5	5.0	< 1.0	1.1	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
BH-B	3.5	6.7	100	120	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
	7.5	< 0.25	< 1.0	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
BH-C	3.5	1.6	2.5	5.7	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
	7.5	1.6	< 1.0	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
BH-D	3.5	< 0.25	240	390	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
	7.5	< 0.25	< 1.0	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.050	< 0.0050
BH-E	3.5	< 1.0	32	---	---	---	---	---	---	---	---	---
	7.5	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---
BH-F	3.5	< 1.0	2.8	---	---	---	---	---	---	---	---	---
	7.5	< 1.0	32	---	---	---	---	---	---	---	---	---
BH-G	3.5	1.1	89	---	---	---	---	---	---	---	---	---
	7.5	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---
BH-H	3.5	< 1.0	58	---	---	---	---	---	---	---	---	---
	7.5	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---
BH-I	3.5	< 1.0	1.5	---	---	---	---	---	---	---	---	---
	11.5	< 1.0	< 1.0	---	---	---	---	---	---	---	---	---
ESL		100	230	230	0.044	2.9	1.4	2.3	0.033	0.023	0.075	Varies

Notes:

TPH = Total petroleum hydrocarbons

SGCU = Silica Gel Cleanup

MTBE - Methyl-t-butyl ether

TBA = tert-butyl ether

TABLE TWO

Summary of Analysis of GROUNDWATER Samples

745 Kevin Court, Oakland, California

All results are in **parts per billion (ppb)**

Boring Location	TPH Gasoline	TPH Diesel (w/SGCU)	TPH Diesel (wo/SGCU)	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Naphthalene	MTBE	TBA	Other Oxygenates
BH-A	**76**	**8,200**	**5,500**	**0.99**	< 0.50	< 0.50	< 0.50	< 0.50	**1.2**	< 2.0	< 0.50
BH-B	< 50	**800**	**3,600**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.83**	**2.8**	< 0.50
BH-C	**1,000**	**1,600**	**1,200**	**16**	**1.3**	**1.1**	**2.2**	< 0.50	**9.4**	**28**	**0.69 DIPE**
BH-D	< 50	**7,000**	**11,000**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**7.6**	< 2.0	< 0.50
BH-E	< 50	**1,500**	---	---	---	---	---	---	---	---	---
BH-F	< 50	**16,000**	---	---	---	---	---	---	---	---	---
BH-G	< 50	**5,900**	---	---	---	---	---	---	---	---	---
BH-H	**510**	**6,900**	---	---	---	---	---	---	---	---	---
BH-I	< 50	**2,500**	---	---	---	---	---	---	---	---	---
ESL (DW)	100	100	100	1.0	40	13	20	0.17	5.0	12	Varies
ESL (NDW)	500	640	640	46	130	13	100	20	1,800	18,000	Varies

Notes:

TPH = Total petroleum hydrocarbons

SGCU = Silica Gel Cleanup

MTBE - Methyl-t-butyl ether

TBA = tert-butyl ether

DW = ESL for sites where groundwater is a current or potential source of drinking water

NDW = ESL for sites where groundwater is not a current or potential source of drinking water

ESL = Environmental Screening Level for soil at commercial sites where groundwater is a current or potential source of drinking water as established by the California Regional Water Quality Control Board, San Francisco Bay Region dated December 2013.

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Concentrations exceeding ESLs are boxed.

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APPENDIX A

Photographs

View of excavation looking to the southwest. Note concrete conduit in the western 1/3 of the excavation.

View of excavation looking to the northwest.

View of stockpiled soil.

View of stockpiled soil.

View of stockpiled soil. Note metal debris.

View of excavation sidewalls and bottom.

View of excavation sidewalls and bottom.

View of water in the western portion of the excavation.

Stockpiled soil was covered with plastic sheeting following the excavation activities.

Excavation full of water on the day following the excavation activities.

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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation
For Stockpiled Soil Sample

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1710958

Report Created for: Clean Earth Geologic, LLC

1001 Rolling Woods Way
Concord, CA 94521

Project Contact: Robert Kitay
Project P.O.:
Project Name: 745 Kevin Ct.

Project Received: 10/25/2017

Analytical Report reviewed & approved for release on 10/26/2017 by:

Christine Askari
Project Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Clean Earth Geologic, LLC
Project: 745 Kevin Ct.
WorkOrder: 1710958

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Clean Earth Geologic, LLC
Project: 745 Kevin Ct.
WorkOrder: 1710958

Analytical Qualifiers

e2	Diesel range compounds are significant; no recognizable pattern
e7	Oil range compounds are significant

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Clean Earth Geologic, LLC	**WorkOrder:**	1710958
Date Received:	10/25/17 14:20	**Extraction Method:**	SW5030B
Date Prepared:	10/25/17	**Analytical Method:**	SW8021B/8015Bm
Project:	745 Kevin Ct.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
STKP-A	1710958-001A	Soil	10/25/2017 10:00	GC19 10251724.D	147562

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	10/26/2017 00:06
MTBE	ND	0.050	1	10/26/2017 00:06
Benzene	ND	0.0050	1	10/26/2017 00:06
Toluene	ND	0.0050	1	10/26/2017 00:06
Ethylbenzene	ND	0.0050	1	10/26/2017 00:06
Xylenes	ND	0.015	1	10/26/2017 00:06

Surrogates	REC (%)	Limits	
2-Fluorotoluene	75	62-126	10/26/2017 00:06

Analyst(s): IA

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Analytical Report

Client:	Clean Earth Geologic, LLC	**WorkOrder:**	1710958
Date Received:	10/25/17 14:20	**Extraction Method:**	SW3550B
Date Prepared:	10/25/17	**Analytical Method:**	SW8015B
Project:	745 Kevin Ct.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
STKP-A	**1710958-001A**	**Soil**	**10/25/2017 10:00**	**GC11B 10251725.D**	**147523**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**36**	10	10	10/25/2017 17:43

Surrogates	REC (%)	Limits	
C9	95	78-126	10/25/2017 17:43

Analyst(s): TK

Analytical Comments: e7,e2

NELAP 4033ORELAP

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Clean Earth Geologic, LLC	**WorkOrder:**	1710958
Date Prepared:	10/25/17	**BatchID:**	147562
Date Analyzed:	10/25/17 - 10/26/17	**Extraction Method:**	SW5030B
Instrument:	GC19	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	745 Kevin Ct.	**Sample ID:**	MB/LCS-147562 1710958-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	1.0	-	-	-
MTBE	ND	0.050	-	-	-
Benzene	ND	0.0050	-	-	-
Toluene	ND	0.0050	-	-	-
Ethylbenzene	ND	0.0050	-	-	-
Xylenes	ND	0.015	-	-	-
Surrogate Recovery					
2-Fluorotoluene	0.08595		0.10	86	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.596	-	0.60	99	-	82-118	-	-
MTBE	0.116	-	0.10	116	-	61-119	-	-
Benzene	0.114	-	0.10	114	-	77-128	-	-
Toluene	0.117	-	0.10	117	-	74-132	-	-
Ethylbenzene	0.114	-	0.10	114	-	84-127	-	-
Xylenes	0.329	-	0.30	110	-	86-129	-	-
Surrogate Recovery								
2-Fluorotoluene	0.0900	-	0.10	90	-	75-134	-	-

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.498	0.535	0.60	ND	83	89	58-129	7.29	20
MTBE	0.0959	0.0945	0.10	ND	92	90	47-118	1.51	20
Benzene	0.103	0.104	0.10	ND	103	104	55-129	0.916	20
Toluene	0.105	0.108	0.10	ND	105	108	56-130	2.78	20
Ethylbenzene	0.104	0.106	0.10	ND	104	106	63-129	1.91	20
Xylenes	0.301	0.305	0.30	ND	100	102	64-131	1.22	20
Surrogate Recovery									
2-Fluorotoluene	0.0827	0.0829	0.10		83	83	62-126	0	20

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Clean Earth Geologic, LLC	**WorkOrder:**	1710958
Date Prepared:	10/24/17	**BatchID:**	147523
Date Analyzed:	10/25/17	**Extraction Method:**	SW3550B
Instrument:	GC11A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	745 Kevin Ct.	**Sample ID:**	MB/LCS-147523 1710921-001AMS/MSD

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	39.4	1.0	40	-	99	75-128
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	24.96	25.2		25	100	101	72-122

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	35.6	36.1	40	5.199	76	77	71-134	1.53	30
Surrogate Recovery									
C9	25.0	26.0	25		100	104	78-126	3.89	30

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1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1710958 **ClientCode: CEGL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☒ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☒ Dry-Weight

Report to:
Robert Kitay
Clean Earth Geologic, LLC
1001 Rolling Woods Way
Concord, CA 94521
(925) 413-8604 FAX:

Email: Cleanearthgeo@gmail.com; rjkitay@prodig
cc/3rd Party:
PO:
ProjectNo: 745 Kevin Ct.

Bill to:
Robert Kitay
Clean Earth Geologic, LLC
1001 Rolling Woods Way
Concord, CA 94521
Cleanearthgeo@gmail.com

Requested TAT: 1 day;

Date Received: **10/25/2017**
Date Logged: **10/25/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1710958-001	STKP-A	Soil	10/25/2017 10:00	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)_S	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: CLEAN EARTH GEOLOGIC, LLC **Project:** 745 Kevin Ct. **Work Order:** 1710958
Client Contact: Robert Kitay **QC Level:** LEVEL 2
Contact's Email: Cleanearthgeo@gmail.com; rjkitay@prodigy.net **Comments:** **Date Logged:** 10/25/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1710958-001A	STKP-A	Soil	SW8015B (Diesel & Motor Oil) <TPH-Diesel (C10-C23)>	1	Stainless Steel tube 2"x6"	☐	10/25/2017 10:00	1 day		☐	
			SW8021B/8015Bm (G/MBTEX)			☐		1 day		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

General COC

RUSH

MAI Work Order # 1710958

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Telephone: (877) 252-9262 / Fax: (925) 252-9269
www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | X 2 Day Rush | 3 Day Rush | STD | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: PDF X | GeoTracker EDF | EDD | Write On (DW) | EQuIS

Report To: Clean Earth Geologic Bill To: Robert Kitay
Company: Clean Earth Geologic
Email: cleanearth geo @gmail.com
Alt Email: rjkitay@prodigy.net Tele: (925) 413-8604
Project Name: 745 Kevin Court Project #:
Project Location: 745 Kevin Court Oakland PO #
Sampler Signature: R.E. Kitay

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015)	TPH as Diesel (8015) Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silca Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis				
StKp - A	10-25-17	1000	1	Soil		X	X																	

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
R.E. Kitay / CEG	10-25-17	1340	Basit	10/25/17	1335
Basit	10/25/17	1420	[signature]	10/25/17	1420

Comments / Instructions

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 2.8 °C Initials ____

Page ___ of ___

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Sample Receipt Checklist

Client Name:	**Clean Earth Geologic, LLC**	Date and Time Received	**10/25/2017 14:20**
Project Name:	**745 Kevin Ct.**	Date Logged:	**10/25/2017**
		Received by:	Kena Ponce
WorkOrder №:	**1710958** Matrix: Soil	Logged by:	Kena Ponce
Carrier:	Basit Sheikh (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Sample/Temp Blank temperature	Temp: 12.8°C				NA	☐
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes	☐	No	☐	NA	☑

Comments:

Clean Earth Geologic, LLC
1001 Rolling Woods Way, Concord, CA 94521
(925) 413-8604

APPENDIX C

Manifest and Receipt
for
Stockpiled Soil Disposal

Non-Hazardous Waste Manifest

GENERATOR SECTION

Non-Hazardous Waste Manifest	Generator ID Number	Waste Profile Number	Waste Tracking (Manifest) Number
	81fae264-6edc-4e5d-a656-6f636c504961	phlf-17-901	1

Customer Billing Name and Mailing	Generator's Site Address
JD Services 745 Kevin Court Oakland CA, 94621	745 Kevin Court Oakland CA, 94621
Customer Billing Phone: 650-458-6356	Generator's Phone: 650-458-6356

Transporter 1 Company Name	US EPA ID Number
JD Services	n/a
Transporter 2 Company Name	**US EPA ID Number**
n/a	n/a
Designated Facility Name and Site Address	**US EPA ID Number**
JD Services 745 Kevin Court Oakland CA, 94621 Facility's Phone: 650-458-6356	n/a

Waste Shipping Name and Description	Containers		Total Quantity	Unit Wt / Vol.	Disposal Method
	No.	Type			
1 Soil	1	End-Dump	1	10cy	
2					
3					
4					

Special Handling Instructions and Additional Information	24 Hour Emergency Response Phone
tph Diesel & C9 Detected	650-458-6356
	Emergency Response Guide Number 650-458-6356

GENERATOR'S / OFFEROR'S CERTIFICATION: I hereby certify that the above-described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Generator's Offeror's Printed / Typed Name	Signature	Month	Day	Year
Sarina Aliquo JD Services	Sarina Aliquo	November	03	2017

TRANSPORTER SECTION

Transporter's Acknowledgement of Receipt of Materials

Transporter 1 Printed / Typed Name	Signature	Month	Day	Year
Sarina Aliquo JD Services	Sarina Aliquo	November	03	2017
Transporter 2 Printed / Typed Name LARRY HILL	Signature	Month Nov.	Day 3	Year 2017

DESIGNATED FACILITY SECTION

Discrepancy

Discrepancy Indication Space	☐ Quantity	☐ Type	☐ Residue	☐ Partial Rejection	☐ Full Rejection

Alternate Facility (or Generator)	US EPA ID Number
Facility's Phone:	

Signature of Alternate Facility (or Generator)	Month	Day	Year

Designated Facility Owner or Operator: Certification of Receipt of materials covered by the manifest except as noted in Discrepancy section

Printed / Typed Name	Signature	Month	Day	Year

POTRERO HILLS LANDFILL, INC.
3675 Potrero Hills Lane, Suisun, CA 94585
(707) 432-4627

Oakland — ORIGIN — RTE. — 06007

5V1 — TRUCK/LIC. NO. — PH17-901 — JOB NO.

CUSTOMER: JD Services **DATE:** 10/3/17

HAULER: **GRID:** 32

(if different from customer)

Weight: 59300 gross - 25240 tare = 34060 Net wt.

_____ tons x $_____ per ton = $_____

_____ cu. yds. x $_____ per cu. yd. = $_____

Other #1 manifest Number = $_____

Other _____ = $_____

Fee #1 _____ x $_____ per yd/ton/load/_____ = $_____

Pricing and math subject to office verification. **TOTAL:** = $_____

Driver's Name (Print)

Driver's Signature

Notes

Weighmaster's Signature

Clean Earth Geologic, LLC
1001 Rolling Woods Way, Concord, CA 94521
(925) 413-8604

APPENDIX D

Receipt
for
Imported Backfill Material

Vulcan Materials Company
CalMat Co.
(DBA) Vulcan Materials Company
West Region

SHIPPING LOCATION
WEIGHED, MEASURED, OR COUNTED @
50 EL CHARRO RD.
PLEASANTON, CA. 94588

DANGER
Read important health information on reverse.

PELIGRO
Léase la información importante para la salud en el reverso.

RECEIVED BY: V217

X

DATE:	TIME:	PLANT:	TICKET NO.:
10/31/17	14:07	5122-132 Pleasanton Agg.	1290286

WEIGH MASTER CERTIFICATE **THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.**

LIMITED WARRANTY AND WARRANTY DISCLAIMER: Seller warrants for a period of one (1) year from date of delivery only that the material sold hereunder substantially complies with Seller's specifications for said material or the specifications set forth in Seller's quotation. **SELLER HEREBY EXCLUDES ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PURPOSE, AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, OF THE MATERIAL SOLD HEREUNDER, OTHER THAN THE EXPRESS WARRANTY STATED ABOVE.** In addition, except to the extent otherwise set forth in the specifications described above, Seller makes no warranty whatsoever with respect to specific gravity, absorption, whether the material is innocuous, non-deleterious, or non-reactive, or whether the material is in conformance with any plans, other specifications, regulations, ordinances, statutes, or other standards applicable to customer's job or to said material as used by customer. SELLER SHALL IN NO EVENT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE CAUSED BY NON-COMPLIANCE OF THE MATERIAL WITH SPECIFICATIONS, OR FOR ANY DEFECTS IN THE MATERIAL SOLD HEREUNDER.

ALL SALES AND DELIVERIES MADE SUBJECT TO SELLER'S GENERAL TERMS AND CONDITIONS.

AS EVIDENCED BY SIGNATURE, OR DEPARTURE FROM SELLER'S FACILITY, CARRIER ACKNOWLEDGES THAT CARRIER IS SOLELY RESPONSIBLE FOR THE ACCURACY OF THIS VEHICLE'S TARE WEIGHT, AXLE WEIGHTS AND GROSS WEIGHT. CARRIER SHALL BE RESPONSIBLE FOR NOTIFYING SELLER WHEN ANY TRUCK OR TRAILER HAS BEEN OVERLOADED SO AS TO RENDER IT OUT OF COMPLIANCE WITH ANY APPLICABLE WEIGHT LIMITS. TO THE MAXIMUM EXTENT ALLOWED BY LAW, CARRIER SHALL INDEMNIFY SELLER FOR ANY LOSS CAUSED BY OVERLOADING.

TRUCK TARE AND GROSS WEIGHTS ARE DETERMINED WITH THE DRIVER ON THE VEHICLE.

WED-CA-AGG-LAS3 77-52-3 (4/15)

CUSTOMER		CUSTOMER P.O.	JOB NUMBER
425334	JD RECYCLING LLC		424533

DELIVERY LOCATION: YARD OAKLAND

DEST. CODE: YARD
DRIVER NAME:

TRUCK NO.	TRUCK ID NO.	TRAILER ID NO.	TRAILER ID NO.	BROKER ID.	TRK. TYPE
88822R1	88822R1			W089	W

PRODUCT		WEIGHMASTER DEPUTY
29192	1/4IN GRAVEL	LISA MORET

GROSS LBS (Scale 5)	TARE LBS	NET LBS	NET TODAY	NET TODAY	LOADS TODAY	ZONE/ MILES
45,540	25,340	20,200	10.10	10.10	1	

GROSS kg	TARE kg	NET kg	NET Mg	Mg TODAY	PICKED UP OR DELIVERED
					PICKED UP

CASH SALE ONLY	MATERIAL	HAUL	TAX	
PER TON				Truck Check In: 14:02
AMOUNT				

ARRIVE JOB	START UNLOAD	FINISH UNLOAD	JOB TIME	DELAY TIME

COMMENTS, DELAY / STANDING TIME APPROVAL

Truck Check In: 14:02

Vulcan Materials Company
CalMat Co.
(DBA) Vulcan Materials Company
West Region

SHIPPING LOCATION
WEIGHED, MEASURED, OR COUNTED @
50 EL CHARRO RD.
PLEASANTON, CA. 94588

DANGER
Read important health information on reverse.

PELIGRO
Léase la información importante para la salud en el reverso.

RECEIVED BY: V217

X

DATE:	TIME:	PLANT:	TICKET NO.:
10/31/17	14:07	5122-132 Pleasanton Agg.	1290286

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TRUCK TARE AND GROSS WEIGHTS ARE DETERMINED WITH THE DRIVER ON THE VEHICLE.

CUSTOMER		CUSTOMER P.O.	JOB NUMBER
425334	JD RECYCLING LLC		424533

DELIVERY LOCATION: YARD OAKLAND

DEST. CODE: YARD
DRIVER NAME:

TRUCK NO.	TRUCK ID NO.	TRAILER ID NO.	TRAILER ID NO.	BROKER ID.	TRK. TYPE
88822R1	88822R1			W089	W

PRODUCT		WEIGHMASTER DEPUTY
29192	1/4IN GRAVEL	LISA MORET

GROSS LBS (Scale 5)	TARE LBS	NET LBS	NET TODAY	NET TODAY	LOADS TODAY	ZONE/ MILES
45,540	25,340	20,200	10.10	10.10	1	

GROSS kg	TARE kg	NET kg	NET Mg	Mg TODAY	PICKED UP OR DELIVERED
					PICKED UP

CASH SALE ONLY	MATERIAL	HAUL	TAX	
PER TON				Truck Check In: 14:02
AMOUNT				

ARRIVE JOB	START UNLOAD	FINISH UNLOAD	JOB TIME	DELAY TIME

COMMENTS, DELAY / STANDING TIME APPROVAL

Truck Check In: 14:02

Vulcan Materials Company
CalMat Co.
(DBA) Vulcan Materials Company
West Region

SHIPPING LOCATION
WEIGHED, MEASURED, OR COUNTED @
50 EL CHARRO RD.
PLEASANTON, CA. 94588

DANGER
Read important health information on reverse.

PELIGRO
Léase la información importante para la salud en el reverso.

RECEIVED BY: V217

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CUSTOMER		CUSTOMER P.O.	JOB NUMBER
425334	JD RECYCLING LLC		424533

DELIVERY LOCATION: YARD OAKLAND

DEST. CODE: YARD
DRIVER NAME:

TRUCK NO.	TRUCK ID NO.	TRAILER ID NO.	TRAILER ID NO.	BROKER ID.	TRK. TYPE
88822R1	88822R1			W089	W

PRODUCT		WEIGHMASTER DEPUTY
29192	1/4IN GRAVEL	LISA MORET

GROSS LBS (Scale 5)	TARE LBS	NET LBS	NET TODAY	NET TODAY	LOADS TODAY	ZONE/ MILES
45,540	25,340	20,200	10.10	10.10	1	

GROSS kg	TARE kg	NET kg	NET Mg	Mg TODAY	PICKED UP OR DELIVERED
					PICKED UP

CASH SALE ONLY	MATERIAL	HAUL	TAX	
PER TON				Truck Check In: 14:02
AMOUNT				

ARRIVE JOB	START UNLOAD	FINISH UNLOAD	JOB TIME	DELAY TIME

COMMENTS, DELAY / STANDING TIME APPROVAL

Truck Check In: 14:02

Vulcan Materials Company

Pleasanton Plant
SMARA 91-01-0010

November 7, 2017

To: JD Hauling

Subject: 28092 - 3/8 x #4" Gravel

Project:

We certify that the 3/8 x #4" Gravel produced by Vulcan Materials Company is a virgin aggregate produced at the Pleasanton, California Plant and this product conforms to Section 90-1.02C(4)(b) of the Standard Specifications for the State of California. If no customer and/or job name is noted, this submittal expires 90 days from date above. The Typical physical properties of the aggregate are summarized below.

28092-3/8" x #4 GRAVEL

GRADATION		
SIEVE SIZE	**PERCENT PASSING**	**CALTRANS SECTION 90**
½" (12.5 mm)	**100**	**100**
⅜" (9.5 mm)	**91**	**(X=85±15) 70 – 100**
#4 (4.75 mm)	**22**	**0 – 25**
#8 (2.36 mm)	**2**	**0 – 6**
#16 (1.18 mm)	**1**	**-**

PHYSICAL PROPERTIES

TEST METHOD	TEST RECORD
CTM 206 - Specific Gravity (SSD)	**2.660**
Absorption	**1.6%**
CTM 227 - Cleanness Value	**92**
CTM 214 - Sodium Sulfate Soundness (Coarse)	**1.4%**
CTM 211 - Los Angeles Abrasion (500 Revs)	**22% Loss**

Respectfully,
Vulcan Materials Company

Curtis Gilbert
Technical Services

AASHTO R18

The Pleasanton laboratory is granted accreditation by the AASHTO Accreditation Program (AAP) and complies to AAP procedures. This accreditation is limited to the laboratory and the standards listed here: T2, T11, T19, T21, T27, T37, T84, T85, T96, T112, T176, T210, T248, T255, T304, C29, C40, C117, C127, C128, C131, C136, C142, C535, C566, C702, C1252, D75, D546, D2419, D3744, D4791, D5821.