

STID 177

**Weiss Associates**

Environmental and Geologic Services

5500 Shellmound Street, Emeryville, CA 94608-2411

FAX: 510-547-5043 Phone: 510-450-6000

TRANSMITTAL**DATE:** October 31, 1995**PROJECT #:** 14-0307-86**TO:** Susan hugo**PHONE:** (510) 567-6780**COMPANY:** Alameda County Health Care Services Agency
Department of Environmental Health
Division of Hazardous Materials
1131 Harbor Bay Parkway
Alameda, Ca 94502**FAX:** (510) 337-9335**FROM:** Paul Nuti, (510) 450-6164 *PN***SUBJECT:** New Century Beverage Company - Emeryville Project
Excavation 1 - Soil Confirmation Samples
Request For Approval of Backfill**VIA:**

- ☒ Fax
☐ 1st Class Mail
☐ Overnight Delivery
☐ UPS (Surface)
☐ Courier

FAX:# of pages: 11
(including this cover)☐ Hard Copy to follow**AS:**

- ☐ Per our phone call
☐ You requested
☒ Is required
☐ We believe you may
be interested

FOR:

- ☐ Your information
☐ Return to you
☒ Your action
☐ Your review &
comments

*Please call (510) 450-6000 if there are any problems with transmission.***COMMENTS:****Ms. Hugo:**

Please review the following analytic results for soil samples collected from the side walls during remedial soil excavation activities associated with the gasoline/diesel tank (tank #1) on the north west side of the New Century facility.

WA wishes to backfill the excavation as soon as possible and would appreciate a faxed approval to begin backfilling excavation 1 at your earliest convenience.

Please contact me if you have any questions.

FAX CONFIDENTIALITY NOTICE

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Table 1. Analytic Results of Soil Samples Collected During Remedial Soil Excavation, New Century Beverage Company, 1150 Park Avenue, Emeryville, California

Sample ID	Depth (ft)	Date Sampled	Sat/ Unsat	Analyte: EPA Method:	TVH-G 8015	TEH 8015	B 8020	E 8020	T 8020	X 8020
					-----parts per million (mg/kg)-----					
					<----->					

Excavation 1 Samples

EX1-60-20-10	10	10/24/95	Sat	3	11	0.017	0.032	0.006	0.077
EX1-76-30-10	10	10/24/95	Sat	1	6	<0.005	0.008	<0.005	<0.005
EX1-86-8-10	10	10/24/95	Sat	13	<1	0.065	0.110	0.051	0.240
EX1-86-27-10	10	10/24/95	Sat	11	19	0.040	0.230	0.038	0.200
EX1-99-15-10	10	10/24/95	Sat	16	18	<0.005	0.210	0.058	0.222
EX1-73-12-10	10	10/24/95	Sat	3	20	0.031	0.037	0.008	0.036
EX1-95-8-5	5	10/24/95	Unsat	<1	23	<0.005	<0.005	<0.005	<0.005
EX1-79-8-4	4	10/24/95	Unsat	1	49	<0.005	0.006	<0.005	0.010

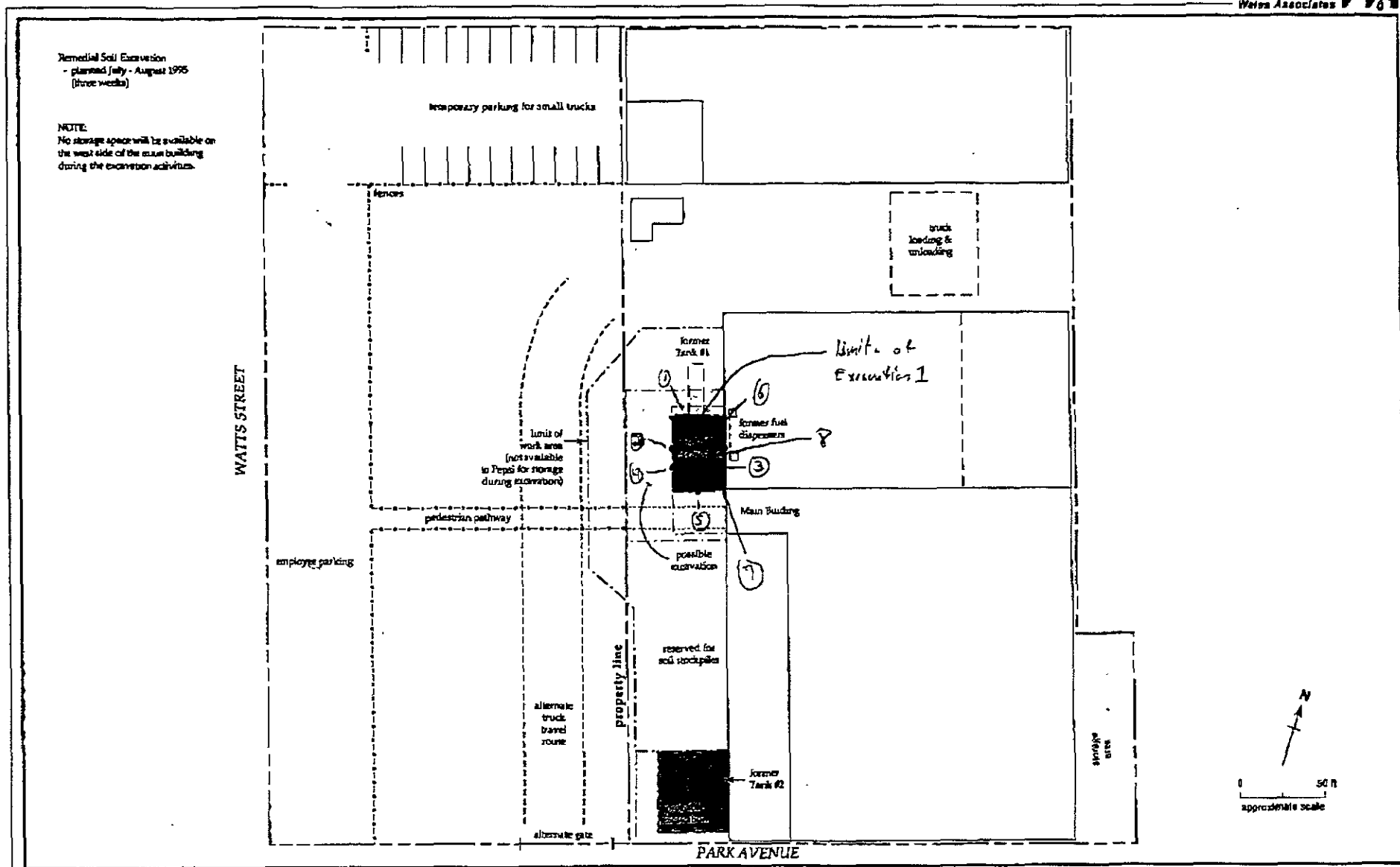


Figure 1. Remedial Soil Excavation Plan - New Century Beverage Company, 1150 Park Avenue, Emeryville, California

OCT-26-95 THU 03:26 PM SUPERIOR LABS MTZ

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Analytical Laboratory

Weiss Associates
Attn: PAUL NUTTI

Project 14-0307-86
Reported on October 26, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Laboratory Number 20371

Chronology

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
EX1-60-20-10	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	01
EX1-74-30-10	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	02
EX1-86-8-10	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	03
EX1-86-27-10	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	04
EX1-99-15-10	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	05
EX1-73-12-10	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	06
EX1-95-8-5	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	07
EX1-79-8-4	10/24/95	10/25/95	10/25/95	10/25/95	BJ251.05	08

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BJ251.05-01	Method Blank	MB	Soil	10/25/95	10/25/95
BJ251.05-02	EX1-74-30-10	MS 20371-02	Soil	10/25/95	10/25/95
BJ251.05-03	EX1-74-30-10	MSD 20371-02	Soil	10/25/95	10/25/95
BJ251.05-04	Laboratory Spike	LS	Soil	10/25/95	10/25/95
BJ251.05-05	Laboratory Spike Duplicate	LSD	Soil	10/25/95	10/25/95

OCT-26-95 THU 03:26 PM SUPERIOR LABS MTZ

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Weiss Associates
Attn: PAUL NUTTProject 14-0307-86
Reported on October 26, 1995Gasoline Range Petroleum Hydrocarbons and BTX
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil. Factor	Moisture
20371-01	EX1-60-20-10	Soil	1.0	-
20371-02	EX1-74-30-10	Soil	1.0	-
20371-03	EX1-86-8-10	Soil	1.0	-
20371-04	EX1-86-27-10	Soil	1.0	-

RESULTS OF ANALYSIS

Compound	20371-01		20371-02		20371-03		20371-04	
	Conc.	RL	Conc.	RL	Conc.	RL	Conc.	RL
	mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline_Range	3	1	1	1	13	1	11	1
Benzene	0.017	0.005	ND	0.005	0.065	0.005	0.040	0.005
Toluene	0.006	0.005	ND	0.005	0.051	0.005	0.038	0.005
Ethyl Benzene	0.032	0.005	0.008	0.005	0.110	0.005	0.230	0.005
Xylenes	0.077	0.005	ND	0.005	0.240	0.005	0.200	0.005

>> Surrogate Recoveries (%) <<
Trifluorotoluene (SS)

97

108

140

134



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Reported on October 26, 1995

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Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil. Factor	Moisture
20371-05	EX1-99-15-10	Soil	1.0	-
20371-06	EX1-73-12-10	Soil	1.0	-
20371-07	EX1-95-8-5	Soil	1.0	-
20371-08	EX1-79-8-4	Soil	1.0	-

RESULTS OF ANALYSIS

Compound	20371-05 Conc. RL mg/kg		20371-06 Conc. RL mg/kg		20371-07 Conc. RL mg/kg		20371-08 Conc. RL mg/kg	
Gasoline Range	16	1	3	1	ND	1	1	1
Benzene	ND	0.005	0.031	0.005	ND	0.005	ND	0.005
Toluene	0.058	0.005	0.008	0.005	ND	0.005	ND	0.005
Ethyl Benzene	0.210	0.005	0.037	0.005	ND	0.005	0.006	0.005
Xylenes	0.222	0.005	0.036	0.005	ND	0.005	0.010	0.005
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (S9)	1541		109		94		93	

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Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 20371

Method Blank(s)

BJ251.05-01

Conc. RL

mg/kg

Gasoline_Range	ND	1
Benzene	ND	0.005
Toluene	ND	0.005
Ethyl Benzene	ND	0.005
Xylenes	ND	0.005

>> Surrogate Recoveries (%) <<

Trifluorotoluene (S6) 87



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Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 20371

Compound	Sample CONC.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (mg/kg)						
BJ251.05 04 / 05 - Laboratory Control spikes						
Gasoline_Range		20	21/20	105/100	65-135	5
Benzene		0.200	0.218/0.225	109/113	65-135	4
Toluene		0.200	0.224/0.228	112/114	65-135	2
Ethyl Benzene		0.200	0.224/0.226	112/113	65-135	1
Xylenes		0.600	0.699/0.693	117/116	65-135	1
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				88/88	50-150	

For Soil Matrix (mg/kg)
BJ251.05 02 / 03 - Sample Spiked: 20371 - 02

Gasoline_Range	ND	20	20/20	100/100	65-135	0
Benzene	ND	0.200	0.225/0.228	113/114	65-135	1
Toluene	ND	0.200	0.226/0.231	113/116	65-135	3
Ethyl Benzene	ND	0.200	0.226/0.229	113/115	65-135	2
Xylenes	ND	0.600	0.682/0.690	114/115	65-135	1
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				92/93	50-150	

I - The surrogate recovery was high due to the presence of interfering compounds in the sample.

Definitions:

ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)

ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

SENT BY: Xerox Telecopier, 7020 : 10-30-95 : 4:49PM : CLAYTON PLEAS LAB

4156471595: # 3

Clayton
ENVIRONMENTAL
CONSULTANTS

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Analytical Results
for
Superior Analytical Laboratory
Client Reference: 14-Q307-86
Clayton Project No. 95102.45

Sample Identification: See Below

Lab Number: 9510245

Sample Matrix/Media: SOIL

Extraction Method: EPA 3550

Method Reference: EPA 8015 (Modified)

Date Received: 10/25/95

Date Extracted: 10/25/95

Date Analyzed: 10/28/95

Lab Number	Sample Identification	Date Sampled	TPH-D (mg/kg)		Method Detection Limit (mg/kg)
-01	EX1-60-20-10	10/24/95	11	a	1
-02	EX1-74-30-10	10/24/95	6	b	1
-03	EX1-86-8-10	10/24/95	ND		1
-04	EX1-86-27-10	10/24/95	19	a	1
-05	EX1-99-15-10	10/24/95	18	a	1
-06	EX1-73-12-10	10/24/95	20		1
-07	EX1-95-8-5	10/24/95	23	b	1
-08	EX1-79-8-4	10/24/95	49	b	1
-09	METHOD BLANK	--	ND		1

ND: Not detected at or above limit of detection

--: Information not available or not applicable

Results are reported on a wet-weight basis, as received.

TPH-D = Extractable petroleum hydrocarbons from C10 to C42 quantitated as diesel.

Note: Samples were analyzed 10/25/95 thru 10/28/95.

a Sample does not match the typical diesel pattern.

Sample appears to be jet fuel.

b Unidentified hydrocarbons present in diesel and oil range; quantitation based on diesel.

Quality Assurance Results Summary - Laboratory Control Samples (LCS)
for

Page 1 of 1

Clayton Project No. 95102.45

Clayton Lab Number: 9510244-LCS
Ext./Prep. Method: EPA 3550
Date: 10/25/95
Analyst: GTL
Std. Source: E950901-01W
Sample Matrix/Media: SOIL

Analytical Method: EPA 8015
Instrument ID: 02893
Date: 10/27/95
Time: 09:55
Analyst: GUD
Units: MG/KG
QC Batch no: 95102528

Analyte	Blank Result	Spike Level	LCS Result	LCS	LCL	UCL
				Recovery (%)	(% R)	(% R)
DIESEL	ND	20.0	19.5	98	51	147

ND = Not detected at or above limit of detection LCL = Lower Control Limit UCL = Upper Control Limit

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4156271585;# 4

10/31/1995 14:40

510-547-5043

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Clayton Project No. 95102.45

Clayton Lab Number: 9510233-10A
 Est./Prop. Method: EPA 3550
 Date: 10/25/95
 Analyst: GTL
 Std. Source: 8951025-01W
 Sample Matrix/Media: SOTL

Analytical Method: EPA 8015
 Instrument ID: 02893
 Date: 10/26/95
 Time: 06:52
 Analyst: GUD
 Units: MG/KG
 QC Batch No: 95102528

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery (%)	Matrix Spike Duplicate Result	MSD Recovery (%)	Average Recovery (%)	LCL (%)	UCL (%)	RPD (%)	UCL (SRPD)
DIESEL	65.8	20.0	81.1	77	75.4	48*	62	57	134	7.3	30

* Result is outside of control limits.

ND = Not detected at or above limit of detection
 SOR = Spike out of range due to high sample concentration.

LCL = Lower Control Limit

UCL = Upper Control Limit