

**T**IMMERMAN  
**E**NGINEERING  
**C**ONSTRUCTION

ALCO  
HAZMAT  
94 JAN -6 PM 2:29

January 4, 1994

Scott Seery  
Alameda Co. Dept. Env. Health  
Division of Hazardous Materials  
80 Swan Way, Room 200  
Oakland, CA 94621

Re: Excavation Spoils Soil Sampling and Analysis  
Castlewood Country Club  
707 Country Club Drive  
Pleasanton, CA

Scott:

Enclosed please find copies of the analysis of the excavation spoils for Castlewood Country Club. The spoils pile was approximately 80 yards in volume and sampled in four discreet locations. The soil was retained on site after finding no contamination present after aeration.

Please call if you have any questions.

Respectfully,



Peter Timmerman  
Owner

PDT/eam  
Encl.

PROJECT NO.

SAMPLERS (Signature) *[Signature]*

ANALYSIS REQUESTED

PROJECT NAME AND ADDRESS: Castwood Country Club

THH Gas or Diesel  
 PMA - (8020)  
 Halogenated (8010)  
 Oil & Grease  
 PCBs (8080)  
 Metals (CAM-17)  
 BAP  
 Total Lead

CROSS REFERENCE NUMBER	DATE	TIME	TIME	STATION LOCATION	THH Gas or Diesel	PMA - (8020)	Halogenated (8010)	Oil & Grease	PCBs (8080)	Metals (CAM-17)	BAP	Total Lead	REMARKS
1	8/14	12:40			X	X							
2	↓	↓	↓		↓	↓							
3	↓	↓	↓		↓	↓							
4	↓	↓	↓										

RELINQUISHED BY: (Signature) <i>[Signature]</i>	DATE <u>8/14/97</u>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE
RELINQUISHED BY: (Signature)	TIME <u>12:40</u>		TIME
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
RELINQUISHED BY: (Signature)	TIME		TIME
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RELINQUISHED BY: (Signature)	TIME		TIME
RELINQUISHED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE
RELINQUISHED BY: (Signature)	TIME		TIME

Turnaround Time: \* 24 hrs \_\_\_\_\_ \* 2/3 days \_\_\_\_\_ \* 4/5 \_\_\_\_\_ Normal 10 day \* Surcharge Applies  
 Special Instructions: \_\_\_\_\_  
 Possible Sample Hazards: \_\_\_\_\_

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3000

FAX (510) 222-125

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Received: 08/14/92

Reported: 08/28/92

Job #: 73790

Attn: Peter Timmerman  
Timmerman Engineering Construction  
675 Ygnacio Valley Road, Suite B211  
P.O. Box 4479  
Walnut Creek, CA 94596


Project: Castlewood Country Club  
Matrix: Soil

Total Petroleum Hydrocarbon Analysis  
EPA Method 5030  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Gasoline</u>	<u>MDL</u>
73790-1	1	ND<1.0	1.0
73790-2	2	ND<1.0	1.0
73790-3	3	ND<1.0	1.0
73790-4	4	ND<1.0	1.0

QA/QC: Spike Recovery: 106%

MDL: Method Detection Limit. Compound below this level would not be detected.

  
\_\_\_\_\_  
Jaime Chow  
Laboratory Director

JC/td

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-1002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Received: 08/14/92

Reported: 08/28/92

Job #: 73790

Attn: Peter Timmerman  
Timmerman Engineering Construction  
675 Ygnacio Valley Road, Suite B211  
P.O. Box 4479  
Walnut Creek, CA 94596

Project: Castlewood Country Club  
Matrix: Soil

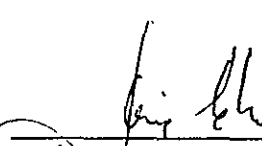
Aromatic Volatile Hydrocarbon Analysis  
EPA Method 8020  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Benzene</u>	<u>MDL</u>	<u>Toluene</u>	<u>MDL</u>
73790-1	1	ND<0.005	0.005	ND<0.005	0.005
73790-2	2	ND<0.005	0.005	ND<0.005	0.005
73790-3	3	ND<0.005	0.005	ND<0.005	0.005
73790-4	4	ND<0.005	0.005	ND<0.005	0.005

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Ethyl- benzene</u>	<u>MDL</u>	<u>Xylene</u>	<u>MDL</u>
73790-1	1	ND<0.005	0.005	ND<0.005	0.005
73790-2	2	ND<0.005	0.005	ND<0.005	0.005
73790-3	3	ND<0.005	0.005	ND<0.005	0.005
73790-4	4	ND<0.005	0.005	ND<0.005	0.005

QA/QC: Spike Recovery for Benzene: 112%  
Spike Recovery for Toluene: 116%  
Spike Recovery for Xylene: 113%

MDL: Method Detection Limit. Compound below this level would not be detected.

  
Jaime Chow  
Laboratory Director

JC/td

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-1251 FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Received: 09/02/92

Reported: 09/18/92

Job #: 73790

Attn: Peter Timmerman  
Timmerman Engineering Const.  
675 Ignacio Valley Rd. Suite B211  
Walnut Creek, CA. 94596

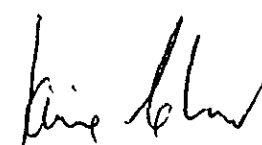
Project: Castlewood Country Club  
Matrix: Soil

Organic Lead  
DHS Extraction Method (LUFT)  
mg/L

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Organolead</u>	<u>MDL</u>
73890-3	# 3	ND<1.25	1.25
73890-4	# 4	ND<1.25	1.25

QA/QC: Spike Recovery for Organolead :93 %

MDL: Method Detection Limit. Compound below this level would not be detected.

  
Jaime Chow  
Laboratory Director

JC/td

Precision Analytical Laboratory, Inc.

1000 LAKESIDE DRIVE, RICHMOND, CA 94805

PHONE (510) 222-1251 FAX (510) 222-1251

### CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Received: 09/14/92

Reported: 09/25/92

Lab #1: 73790

Attn: Peter Timmerman  
Timmerman Engineering Construction  
675 Ygnacio Valley Road, Suite B211  
P.O. Box 4479  
Walnut Creek, CA 94596

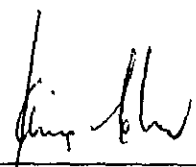
Project: Castlewood Country Club  
Matrix: Soil

Organic Lead  
DHS Extraction Method (LUFT)  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Organic Lead</u>	<u>MDL</u>
73790-1	#1	ND<1.25	1.25
73790-2	#2	ND<1.25	1.25

QA/QC: Spike Recovery: 111%

MDL: Method Detection Limit. Compound below this level would not be detected.

  
Jaime Chow  
Laboratory Director

JC/td

OUTSTANDING QUALITY AND SERVICE  
CALIFORNIA STATE CERTIFIED LABORATORY

**FAX TRANSMISSION COVER SHEET**

TO: Alameda Department of Health Serv.  
ATTN: Scott Seery  
FAX NO: 569-4757

FROM: **PRECISION ANALYTICAL LABORATORY, INC.  
4136 LAKESIDE DRIVE  
RICHMOND, CA 94806**  
FAX NO: **(510) 222-1251**

COVER SHEET - PLUS 3 PAGES

**IF YOU EXPERIENCE TROUBLE WITH THIS TRANSMISSION  
PLEASE CONTACT (510) 222-3002**

COMMENT: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Received: 08/14/92

Reported: 09/02/92

Job #: 73790

Attn: Peter Timmerman  
Timmerman Engineering Construction  
675 Ygnacio Valley Road, Suite B211  
P.O. Box 4479  
Walnut Creek, CA 94596

Project: Castlewood Country Club  
Matrix: Soil

Lead by Flame AA Method 7420  
Preparation Method 3050  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Lead</u>	<u>MDL</u>
73790-1	1	15.4	2.5
73790-2	2	27.4	2.5
73790-3	3	4.40	2.5

QA/QC: Spike Recovery: 110.5%

MDL: Method Detection Limit. Compound below this level would not be detected.

  
\_\_\_\_\_  
Jaina Chow  
Laboratory Director

JC/td

OUTSTANDING QUALITY AND SERVICE  
CALIFORNIA STATE CERTIFIED LABORATORY





Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

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Reported: 09/02/92

Job #: 73790

Attn: Peter Timmerman  
Timmerman Engineering Construction  
675 Ygnacio Valley Road, Suite B211  
P.O. Box 4479  
Walnut Creek, CA 94596

Project: Castlewood Country Club  
Matrix: Soil

Lead by Flame AA Method 7420  
Preparation Method 3050  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Lead</u>	<u>MDL</u>
73790-4	4	4.40	2.5

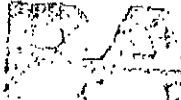
QA/QC: Spike Recovery: 110.5%

MDL: Method Detection Limit. Compound below this level would not be detected.

  
Jaime Chow  
Laboratory Director

JC/td

OUTSTANDING QUALITY AND SERVICE  
CALIFORNIA STATE CERTIFIED LABORATORY



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

January 12, 1994

Attn: Peter Timmerman  
Timmerman Engineering Construction  
2570 Cloverdale Avenue, Suite #14  
Concord, CA 94518


Dear Peter,

August 14, 1992 we received four samples from Timmerman Engineering Construction to analyze for TPH - Gasoline & BTEX and Total Lead.

Total Lead was analyzed by ICP EPA Method 6010. The instrument was new and wasn't calibrated properly by the company at that time so we ran the samples by Atomic Absorption EPA Method 7420.

September 2, 1992 we received a call to run samples #3 and #4 for Organic Lead. On September 21, 1992 another call came in to run Organic Lead in samples #1 and #2. The Certificate of Analysis for the Organic Lead said that the samples were received 9/14/92; actually these were the same samples which were received on August 14, 1992.

Sincerely,

  
Jaime Chow  
Laboratory Director

JC/dwc

OUTSTANDING QUALITY AND SERVICE  
CALIFORNIA STATE CERTIFIED LABORATORY