PES Environmental, Inc.
Engineering & Environmental Services

December 6, 1996

875

502.0201.005

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway
Oakland, California 94502

ENVIRONMENTAL PROTECTION
96 DEC 10 AM 9:39

PROJECT REPORTS
FORMER YOUNG'S CLEANERS
FOOTHILL SQUARE SHOPPING CENTER
OAKLAND, CALIFORNIA

Dear Mr. Chan:

Enclosed please find a copy of the All Environmental soil remediation/excavation report for the above-referenced project that you requested at our project meeting on November 27, 1996. Please call me at 415-899-1600 if you have any questions.

Yours very truly,

PES ENVIRONMENTAL, INC.

William W. Mast R.G.
Senior Engineer

cc: Mr. Richard Gilcrease, Drake Builders (without report)

5020201L.003

SOIL REMEDIAL INVESTIGATION
AND
EXCAVATION PROJECT SUMMARY

YOUNG'S CLEANERS
FOOTHILL SHOPPING CENTER
10700 MACARTHUR BLVD.
OAKLAND, CA 94605

ALL ENVIRONMENTAL, INC.

ENVIRONMENTAL PROTECTION
96 DEC 10 AM 9:39

AEI

February 7, 1995 6

SOIL REMEDIAL INVESTIGATION
AND
EXCAVATION PROJECT SUMMARY

YOUNG'S CLEANERS
FOOTHILL SHOPPING CENTER
10700 MACARTHUR BLVD.
OAKLAND, CA 94605

Prepared For:

Drake Builders
5201 Sacramento Avenue
Richmond, CA 94804

Prepared By:

All Environmental, Inc.
2641 Crow Canyon Road
San Ramon, CA 94583

ALL ENVIRONMENTAL, INC.
Environmental Engineering & Construction

February 7, 1996

Richard Gilcrease
Drake Builders
5201 Sacramento Avenue
Richmond, CA 94804

RE: Soil Remedial Investigation and
Excavation Project Summary
Foothill Square Shopping Center
10700 MacArthur Blvd.
Oakland, California
AEI Proposal No. 95-1290

Dear Mr. Gilcrease:

Attached to this letter is the above referenced report. The undersigned have prepared this report in accordance with all applicable federal, state, and local regulations and hereby certify that the information presented within this report is true to the best of our knowledge.

Thank you for the opportunity to be of service on this project. Please do not hesitate to contact us if you have any questions regarding the contents of this report.

Sincerely,

Joseph P. Derhake, EIT
Project Manager

Mike Patel, P.E.
Senior Engineer

Corporate Headquarters:
2641 Crow Canyon Rd., #5
San Ramon, CA 94583
(510) 820-3224

Los Angeles Office:
5031 Pacific Coast Hwy., #178
Torrance, CA 90505
(310) 328-8878

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1.0 INTRODUCTION

All Environmental Inc. (AEI) has prepared this final report to document the excavation and remedial investigation performed at the former Young's Cleaners in the Foothills Square Shopping Center, 10700 MacArthur, Oakland, California. The purpose of this project was to remove soil heavily impacted by a chlorinated solvent release form a dry cleaners. This excavation began on October 12, 1995 and was completed on December 22, 1995. The backfilling of the site was completed on January 13, 1996.

1.1 Authorization

AEI was authorized to perform the work described below by Jay Phares Corporation and Drake Builders on October 10, 1995 by way of a signed contract. Mr. John Jay, Mr. Ken Phares, and Mr. Richard Gilcrease (collectively referred to as the "Client") all signed the contract. Mr. Jay was AEI's primary contact during the project. Mr. Jay was appraised of progress and changes on a daily basis. Mr. Jay often gave AEI verbal authorization to perform tasks beyond the original scope of services.

1.2 Scope of Work

AEI was contracted to excavate and stockpile soil impacted by a historic release of tetrachloroethylene (commonly referred to as PCE or "Perk") by a dry cleaning operation. AEI was originally contracted to excavate the Areas 1, 2, and 3 shown in Figure 4, as necessary, to remove soil with a tetrachloroethylene concentration above 1,000 ug/Kg. The Contracted Scope of Work is a revised version of the scope of work proposed by Augeas Corporation in a Workplan dated December 1994 with the following changes:

- AEI was contracted to excavate to 20 feet below ground surface (bgs), if necessary.
- Augeas originally proposed to excavate Area 1 as shown in Figure 4. AEI was contracted to excavate 28 feet further north (Area 3) and ten feet further west (area 2), if necessary.

Augeas submitted this work plan to Barney Chan of Alameda County Health Care Services Agency (ACHCSA). Joseph P. Derhake of AEI summarized the differences between Augeas's Workplan and the contracted scope of work in a letter to Mr. Chan dated October 11, 1995. The Workplan and these changes were verbally approved by Mr. Chan in a telephone conversation with Mr. Derhake on October 11, 1995.

The analysis of the first set of soil samples showed significant concentrations of chemicals other that PCE, such as trichloroethylene (TCE), 1,1 dichloroethylene, and 1,2 dichloroethylene. These chemicals are natural breakdown products of PCE. AEI recognized that the presence of these compounds would affect the cleanup goals and should be addressed in the action level.

AEI, Jay Phares Corporation, and ACHCSA had several conversations regarding a new action level. However, Mr. Chan indicated that a health risk evaluation, would be advisable complete with a toxicological evaluation of health risks, would be advisable to obtain a new action level. AEI understands that the health risk evaluation will follow this report.

The contract also provided a Method Statement, detailing an excavation method that would preserve the integrity of the building, prepared by J. M. Turner Engineering, Inc. After reviewing this document, AEI contacted the Client and Mr. Don Charles of J. M. Turner Engineering, Inc. and discussed the Method Statement. In a October 11, 1995 conference call between John Jay, Joseph Derhake and Don Charles, Mr. Charles indicated the following:

- Excavating Cell A and the eastern half of Cell B, for the sake of economy was acceptable.
- Excavating Area 2 as specified in the contract was also acceptable.
- The excavation of Area 3 was a possible area of concern and that special precautions may be necessary.

As the project proceeded and more data was gathered on the shape of the plume, it was found to be significantly different than expected by the previous consultant. In general, AEI did not excavate as deep as originally expected, and the plume extended much further west than expected.

2.0 WORK SUMMARY

2.1 Safety Considerations

AEI recognized that there were several threats to worker safety on the job site, including exposure to carcinogenic vapors, oxygen deficiency, and physical dangers. Guy Roy, P. E. prepared the Site Safety and Health Plan and a copy is appended. All operators that came in contact with contaminated soil were required to wear a respirator ands to have completed an OSHA 40 Hour Hazardous Waste Operator course. Most of the work performed in Young's Cleaners was performed in Level C personal protective equipment. AEI's field engineer conducted morning tailgate safety meetings during this period.

2.2 Foundation Considerations

Since the plume extended under the concrete load bearing wall, which separated the former Young's Cleaners (Young's) from the former Hip Hop Store (the Hip Hop), extraordinary measures were needed to preserve the integrity of the building during this excavation. J. M. Turner Engineering, a civil engineering firm was retained by Jay Phares Corporation to consult on this project. J. M. Turner Engineering prepared a Method Statement, which summarized the method of excavation and is included in Appendix C. Figure 3 illustrates the cell locations as called for in the method statement. After reviewing this document, AEI contacted the Client and Mr. Don Charles of J. M. Turner Engineering, Inc. and discussed changes in the Method Statement as detailed in the Scope of Work section of this report.

During the excavation AEI noticed two major discrepancies between the drawings included in the Method Statement and the actual conditions.

First, the four foot by four foot spread footing under each column as shown in Figure 3 was not located. As a result, the load of the columns was borne by the continuous spread footing with a terminal depth of 2'-3" bgs, instead of by the column footings with a terminal depth of 4' bgs as was expected. As a result, when AEI excavated the entire Young's space down to four feet bgs, the lateral support for the soil directly under the footing was compromised.

AEI recognized this problem and immediately notified Mr. Charles and the Client. Mr. Charles recommended the immediate installation of the column supports called for in the Method Statement. AEI immediately installed the supports. Upon completion of the project, there were no signs of settling observed, such as cracks in the concrete wall or columns. It should be noted that the concrete wall had several cracks prior to beginning this project--old cracks were obvious, because they had been painted.

The second discrepancy was with the location of the steal column for the two story building located northeast of the excavation. Turner's drawings showed the steel column for the two story building to be located 22' 11" from the centerline of the concrete wall between Young's and the Hip Hop. This distance was incorrect and the actual distance was 20' 9". The outside of the bottom spread footing was less than 6" from the excavation instead of 2' 7" as expected. Mr. Charles and the client were also immediately notified of this discrepancy; however, the northeast portion of the excavation had already been mostly backfilled by the time this was discovered. Mr. Charles's subsequent inspection of the building revealed no evidence of structural settling.

AEI excavated Area 1, Area 2, and part of Area 3 in general accordance with Turner's Method Statement. As specified, AEI installed column supports on each side of the concrete wall, consisting of 1' by 1' wood beams. These beams were supported by large 12 x 53 steel I-beams, which were supported on each side by four two foot long 1' by 1' timbers resting on the native soil or the former factory floor at 4.5' bgs. These column

supports were supplemented with truss supports, which were installed on the east side of the cleaners.

Cells C through J (refer to Figure 3) were 8' by 8' cells located directly under the concrete load bearing wall. These cells were excavated one or two at a time and backfilled with a five sack sand slurry cement from approximately 4.5' bgs to six inches above the bottom of the footing. Wood forms were used to obtain the desired shape of the cement underpinning. Vibration and manual agitation were used to insure that no voids were present between the cement and the bottom of the footing.

AEI determined that it was necessary to excavate further westerly under the Shoe Repair, the shop space located directly adjacent to the west side of the Hip Hop, and potentially into the breezeway, located directly west of the Shoe Repair (see Figure 1). J. M. Turner was then asked to prepare a second method statement by the client. After considerable discussion between AEI and Mr. Charles, an abbreviated Method Statement was prepared by J. M. Turner Engineering and is included in Appendix D. This Method Statement was prepared assuming that the soil directly below the three steel columns, located on the west wall of the Shoe Repair, would not need to be removed; therefore, the truss supports would not be necessary.

AEI excavated under the continuous footing, which connected the three columns on the west wall of the Shoe Repair, and backfilled these cells with concrete by the same method as was used for the first wall.

2.3 Action Levels

Significant levels of PCE, TCE, 1,1 Dichloroethylene, and 1,2 Dichloroethylene were present throughout the impacted area, and Mr. Chan of ACHCSA required a health risk evaluation. Because of this, AEI proceeded to excavate to the original action level in all areas, while evaluating the relative toxicity of non-PCE chemicals in borderline samples.

For relative toxicological information, AEI relied on the Federal Environmental Protection Agencies (EPA) Preliminary Remediation Goals (PRGs). PRGs provide general risk estimates for the given contaminant and the specific environmental media. PRGs are conservative levels, which do not take into account local physical features, such as a concrete pad separating building occupants from the contaminated soil. If a contaminant exceeds the PRG it does not necessarily mean that that there is an unacceptable health risk; rather it indicates the need for further assessment.

2.4 Field Screening and Sampling Procedures

AEI collected confirmation samples from the perimeter and bottom of the excavation in order to document the extent of contamination. AEI collected 213 soil screening samples, which were tested using a Flame Ionization Detector (FID). AEI collected 82 samples for laboratory analysis, which were analyzed by Priority Environmental Laboratories by EPA Method 8010.

2.4.1 Field Screening Procedure

AEI's field engineer would collect approximately 100 grams of soil from the desired location. This soil would be immediately inserted into a clean plastic sandwich bag and the bag was inserted into a glass mason jar. Aluminum foil was placed over the top of the open jar and the screw cap without the lid was screwed on over the aluminum foil. After approximately 10 minutes the probe of the FID was inserted through the aluminum foil and into the jar, and then a head space reading was taken.

These readings were found to be rather consistent with laboratory results during the first two months of the project, when the weather was also consistent. However, the weather was inconsistent--rainy and cold-- during the last month of the project. Since the volatilization of the contaminants depends greatly on temperature and moisture content of the air, these tests were less reliable.

2.4.2 Laboratory Sample Collection Procedure

The desired sample location was identified by the field engineer and then approximately four inches of soil was removed from the surface of the sample location. A clean thin-wall brass sample tube was then pounded into the soil using a wooden hammer. The tube was retrieved and immediately capped with aluminum foil and plastic caps. The samples were placed on ice and shipped to the laboratory under proper chain of custody.

2.5 Excavation and Field Observations

In most areas, the first five feet of soil was excavated, in order to expose the concrete pad. A bobcat breaker was then used to break the concrete pad. From there the excavation was performed in cells, in accordance with the method statement. Typically a backhoe was used to excavate the soil, then a bobcat loaded the soil into a dump truck, which then dumped the soil at the designated stockpiling location.

In general AEI's crew excavated to 12 feet bgs throughout most of the excavated area. Exceptions were the cells under the wall between the Hip Hop and Young's, where AEI only excavated to 5 feet bgs, and the area immediately to the south of the Hip Hop store front, where AEI excavated to 18 feet bgs. The depths AEI excavated to are illustrated in Figure 1.

In deciding how deep and how far to excavated, AEI relied on field screening data and confirmed these results with laboratory soil samples. In general, AEI considered soil samples with headspace FID readings above 100 parts per million (ppm) volatile organic hydrocarbons to be likely to exceed the action level.

AEI encountered a 12 to 6 inch concrete pad at 4.5 to 6 feet bgs throughout the excavated area. Based on AEI's field observations and laboratory results, the subsurface concrete pad had a significant effect on the plume migration. The concrete pad had an obvious western slope, estimated between 1 and 2 percent slope. Contaminant levels were found to be consistent and relatively high in the areas above the concrete pad. Soil below the concrete pad was generally less contaminated and had irregular concentrations of soil contamination. The contamination presumably migrated through cracks in the pad.

2.6 Soil Stockpiling

All soil excavated was stockpiled on the north side of the shopping center behind the Social Security Office (See Figure 5). The soil was stockpiled on visqueen and bermed with hay bails, upon completion of all excavation and backfilling. At the client's request, the soil was relocated from that location to the southeast corner of the shopping center, and was again placed on visqueen and bermed with hay bails.

2.7 Backfilling

The client provided clean fill material for backfill. The material provided was a silty sand with course gravel.

Except for cells C, D, and E where 95% compaction was specified, the contract did not specify compaction levels for areas not bearing foundation loads. AEI set 90% compaction as a target compaction level for these areas. The client did not request any compaction testing. The compaction was achieved by using a ride on sheep's foot compactor with a five foot drum in cells A and half of cell B. AEI receive complaints from some of the shopping center tenants due to excessive vibration and some dry wall cracking was observed in the proposed parent-child center adjacent to the east. Thus, AEI began using a Ramex sheep's foot compactor with a 3 foot drum. Soil was placed in 1.5' lifts up to five feet bgs and the last four lifts were 1' lifts.

During the week of December 11, 1995, the area received heavy rains and the backfill material became saturated with water. As a result, compaction in the Hip Hop and Shoe Repair was more difficult. Once the rain stopped, the soil was spread out and allowed to dry. In some areas lime was used to reduce the moisture and stabilize the materials.

Imported 3/4" crust rock/class II aggregate base and concrete boulders stockpiled on-site were used in some areas to stabilize the soil.

Young's Cleaners, the Hip Hop, and the Shoe Repair were backfilled to within 10" of original grade under the assumption that a four inch rock layer and a six inch concrete pad would be installed at a later date.

3.0 LABORATORY DATA ANALYSIS

AEI collected a total of 82 soil samples and these samples were sent to Priority Environmental Laboratory for analysis for Chlorinated Volatile Hydrocarbons Compounds, EPA Method 8010. For quality control purposes one of the 82 samples was reanalyzed by PEL with EPA Method 8240. An additional sample was collected from the stockpile and split. One of the duplicates of this sample was sent to American Environmental Networks for analysis by EPA Method 8240 and the second duplicate was analyzed by PEL by EPA Method 8010.

Augeas's December 1994 Workplan specified EPA Method 8010 as the method of analysis. This method was appropriate, as it detects all of the significant chemicals which would be expected from this solvent release.

3.1 Sampling Strategy

In accordance with directions form Mr. Chan of the ACHCSA, AEI attempted to collect confirmation soil samples from approximately every 400 square feet of the excavation floor and every 20 linear feet of the perimeter. This goal was exceeded, as a total of 23 bottom samples were collected from an excavation area of approximately 5,100 square feet, and a total of 25 perimeter samples were collected from an excavation perimeter of approximately 320 feet.

When collecting confirmation soil samples, field screening data was used to choose the location that was most likely to exceed the action level.

3.1.1 Grid System

A grid system was employed so that each sample location could easily be described by a simple three number code. The grid origin was set as the southeast corner of the proposed excavation as outlined in Turner's Method Statement--the southeast corner of Cell A. The grid system was designed as follows: the first number of the sample code expresses the distance north of the southern perimeter of the excavation area in feet; the second number expresses the distance west from the eastern perimeter of the excavation area; and the third number expresses the depth bgs at which the sample was collected. For example, a point five feet bgs at the southern most column in the wall separating Young's Cleaner from The Hip Hop would have a grid location of 28-19-5. A point ten feet bgs at the column at the southwest corner of the Shoe Repair would have a grid location of 28-59-10.

3.2 Laboratory Results

The laboratory data is presented in its entirety in Table A1. The locations of each sample is illustrated in Figure 2. Tables A2 through A6 are redundant to table A1, but the data is grouped by location, east wall samples, bottom samples, north wall samples, south wall samples, and west wall samples, receptively. Note that the soil represented by samples listed in Tables A1 through A6 remains in place. Contaminated samples listed in A1 and not in Tables A2 through A6 were considered to be above the action limit and that soil was removed.

Tables B1 through B6 express the same data as tables A1 through A6, but they are listed next to the EPA Preliminary Remediation Goals (PRG) and the percent exceedance of the PRG for each compound. The percent exceedance of the PRG is the amount of the compound reported divided by the PRG and expressed as a percent. The far right column shows the aggregate percent exceedance for all of the reported compounds for a given sample. The aggregate percent exceedance is simply the sum of the Percent of PRG columns for each of the reported chemicals. Because the presence of Chloroform is questionable, the aggregate percent exceedance of the PRGs is shown with and without Chloroform.

Including the chloroform, all samples, with the exception of two of the perimeter and bottom samples, are below 100% aggregate percent exceedance of the PRGs and neither of the two samples remaining samples are above 120% exceedance. Ignoring the reported chloroform, all of the 25 perimeter samples and the 23 bottom samples have aggregate percent exceedances of the PRGs below 100% exceedance, as expressed in Tables B1 through B6.

3.3 Quality Control

Priority Environmental Laboratories (PEL) was the primary laboratory used during this project and is a California Department of Health Services Certification Laboratory (Certification Number #1708). PEL's quality control program consisted of the following: one sand blank and one matrix spike was analyzed per ten samples submitted; and a surrogate sample was analyzed along with each sample. The quality control data is included with the laboratory data in Appendix A.

Additionally, AEI ordered PEL to reanalyze a soil sample with high chloroform concentrations by EPA Method 8240. PEL reported significant levels of chloroform in the second sample. AEI collected one duplicate sample and submitted one sample to PEL and its twin to American Environmental Network (AEN). AEN did not find detectable concentrations of chloroform, while PEL reported 18 ppb chloroform in their sample. Results of these tests are presented in Table C1.

3.4 Discussion of Results

Concentrations of chlorinated solvents reported were generally consistent with AEI's plume migration expectations. Sample results showed significant concentrations of chlorinated solvents above the former factory concrete pad at five feet bgs. As the pad had a noticeable westerly slope, the plume above the factory concrete pad migrated westerly. The solvent concentrations below the factory concrete pad were erratic, which is consistent with the hypothesis that the solvent migrated downward through cracks in the concrete pad. Furthermore, solvent concentrations collected under the Shoe Repair were generally more degraded--less PCE and more TCE and dichloroethylene were reported--than the solvent concentrations found in Young's.

PEL reported significant quantities of chloroform in the samples; however, chloroform is not normally present in dry cleaning solvent, nor is chloroform a natural breakdown product of PCE.

Furthermore, during Augeas's several investigations soil and water samples were submitted to North State Environmental Laboratory, Coast-To-Coast Analytical Services, Inc., Superior Precision Analytical, Inc. and Precision Analytical Laboratory, Inc. These four laboratories reported significant concentrations of PCE, TCE, 1,2 dichloroethylene, and 1,1 dichloroethylene, but chloroform was not reported in any of the samples analyzed by these four laboratories.

In order to evaluate this discrepancy, AEI collected a duplicate sample and submitted one sample to PEL and its twin to American Environmental Network (AEN). AEN did not find detectable concentrations of chloroform, while PEL reported 18 ppb chloroform in their sample.

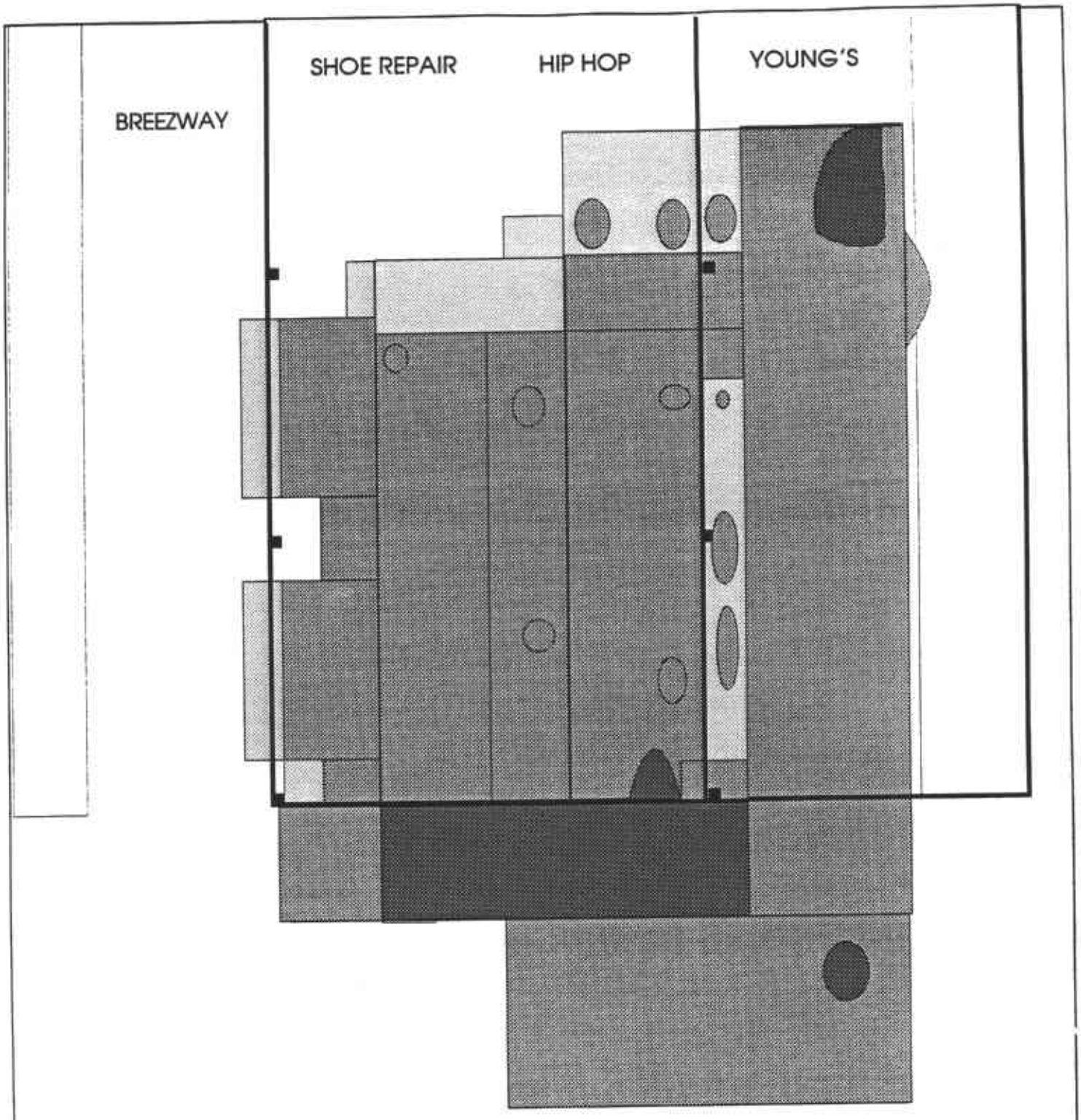
AEI believes that the chloroform reported was most likely from a laboratory contaminant and that chloroform is actually not present.

4.0 CONCLUSIONS AND RECOMMENDATIONS

AEI believes that the significantly contaminated soil has been removed. All significant quantities of soil with PCE concentrations above the action level or chlorinated solvent concentrations with aggregate toxicity above the PRG have been removed. Since the source of solvent contamination has been removed, solvent concentrations in the groundwater should attenuate over time.

It is AEI's understanding that a screening-level risk evaluation is being performed at this location and that it will address the relative risk of the residual contaminated soil to potential future occupants of the store units above the excavated areas. AEI recommends that no further excavation is performed at this site, unless the health risk evaluation deems it necessary.

FIGURES



0 10

Scale, feet

N

EXCAVATED TO 5'-7' bgs

EXCAVATED TO 8'-13' bgs

EXCAVATED TO 14'-18' bgs

ALL ENVIRONMENTAL, INC.

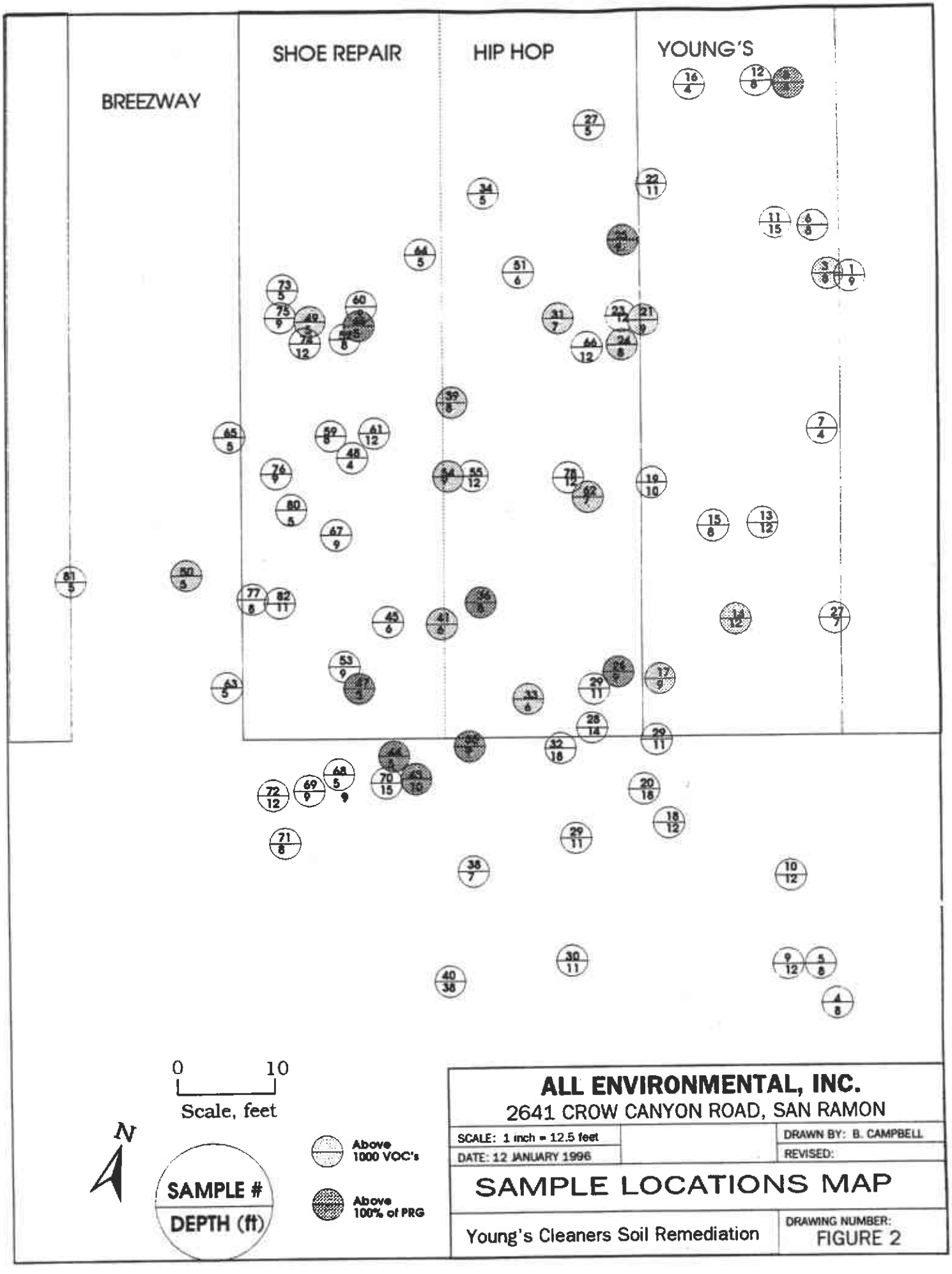
2641 CROW CANYON ROAD, SAN RAMON

SCALE: 2 cm = 10 feet	APPROVED BY: JPD	DRAWN BY: B. CAMPBELL
DATE: 9 JANUARY 1996		REVISED:

AS DUG - SITE MAP

Young's Cleaners Soil Remediation

DRAWING NUMBER: FIGURE 1



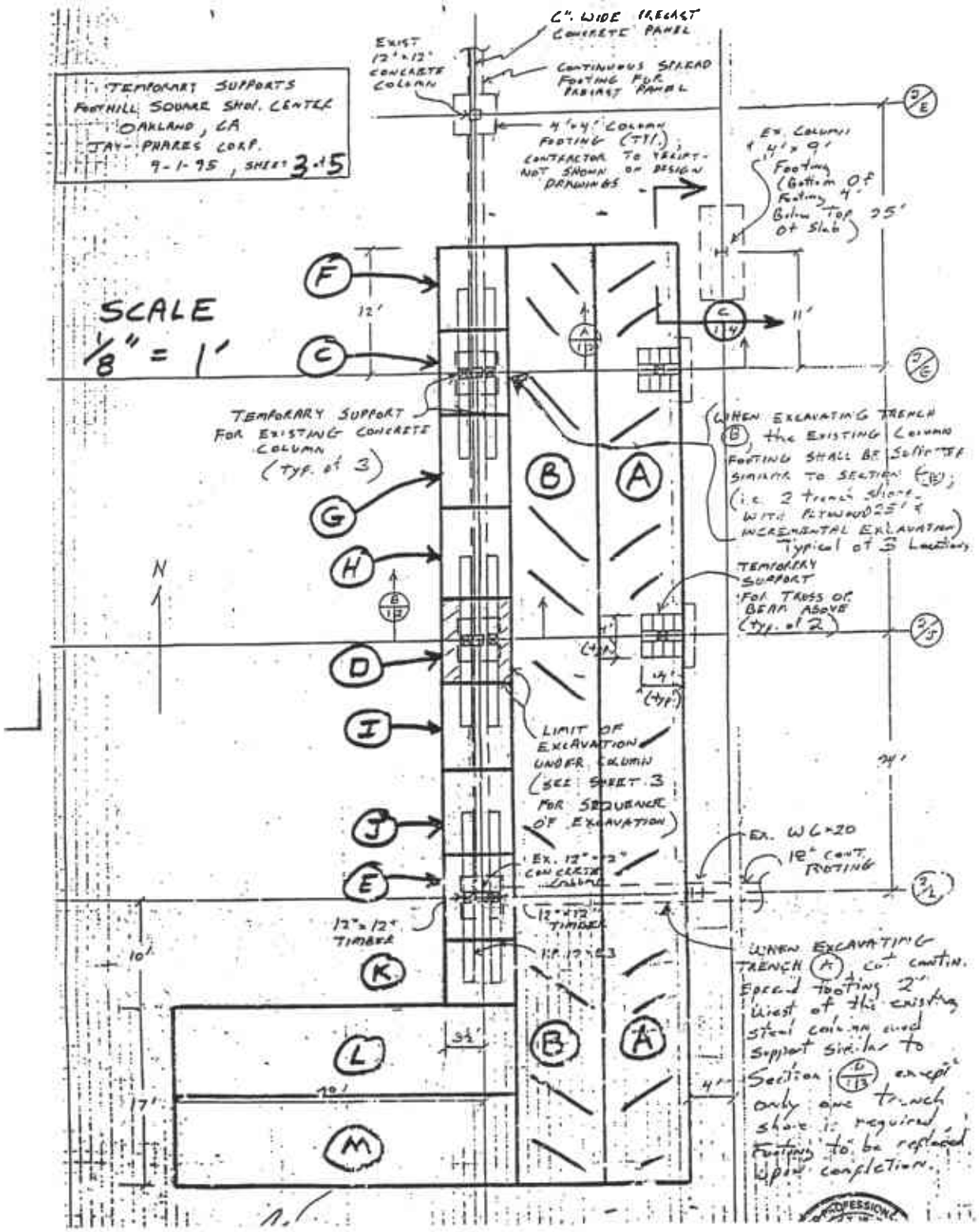
ALL ENVIRONMENTAL, INC.
2641 CROW CANYON ROAD, SAN RAMON

SCALE: 1 inch = 12.5 feet		DRAWN BY: B. CAMPBELL
DATE: 12 JANUARY 1996		REVISED:

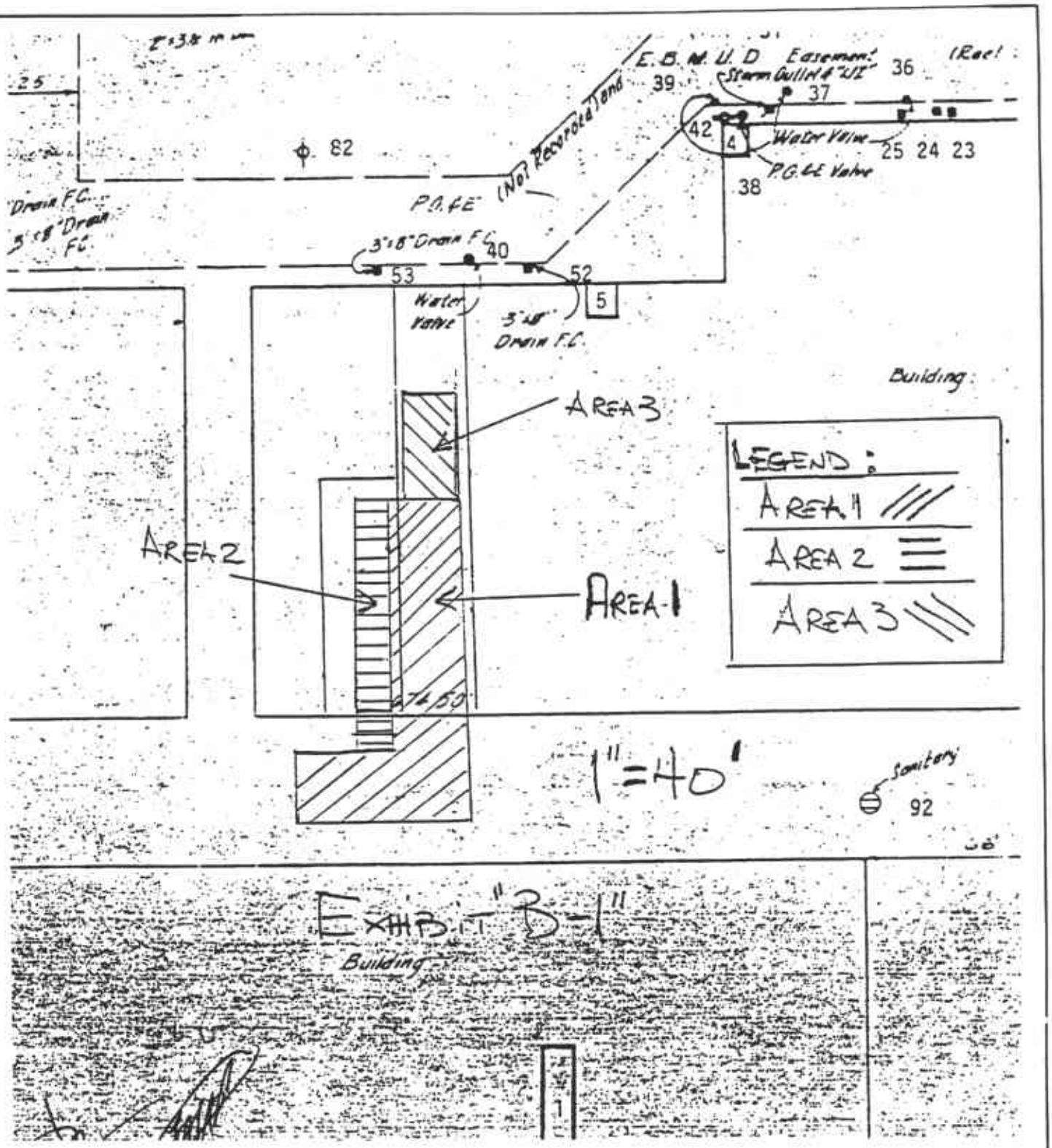
SAMPLE LOCATIONS MAP

Young's Cleaners Soil Remediation

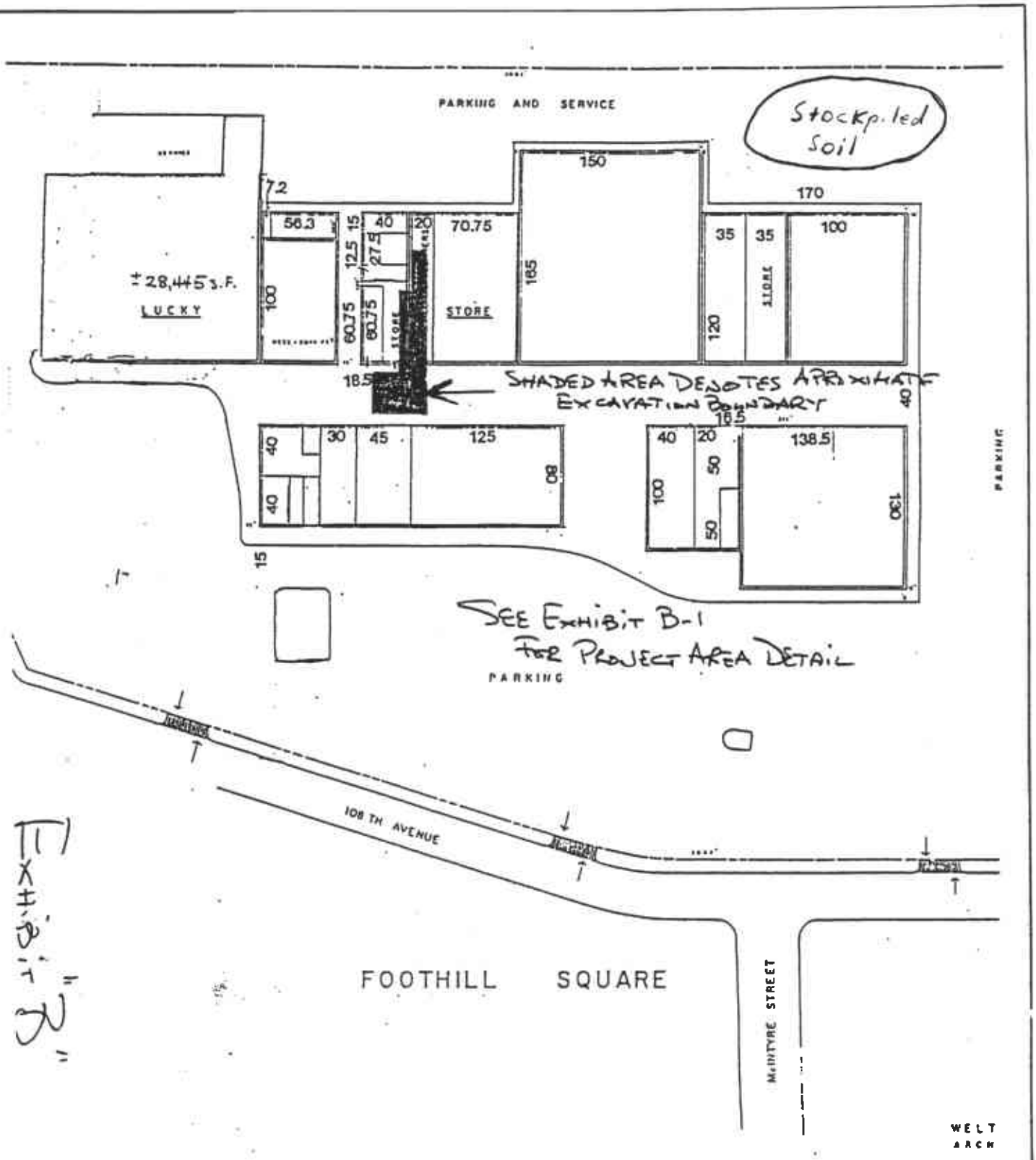
DRAWING NUMBER: FIGURE 2



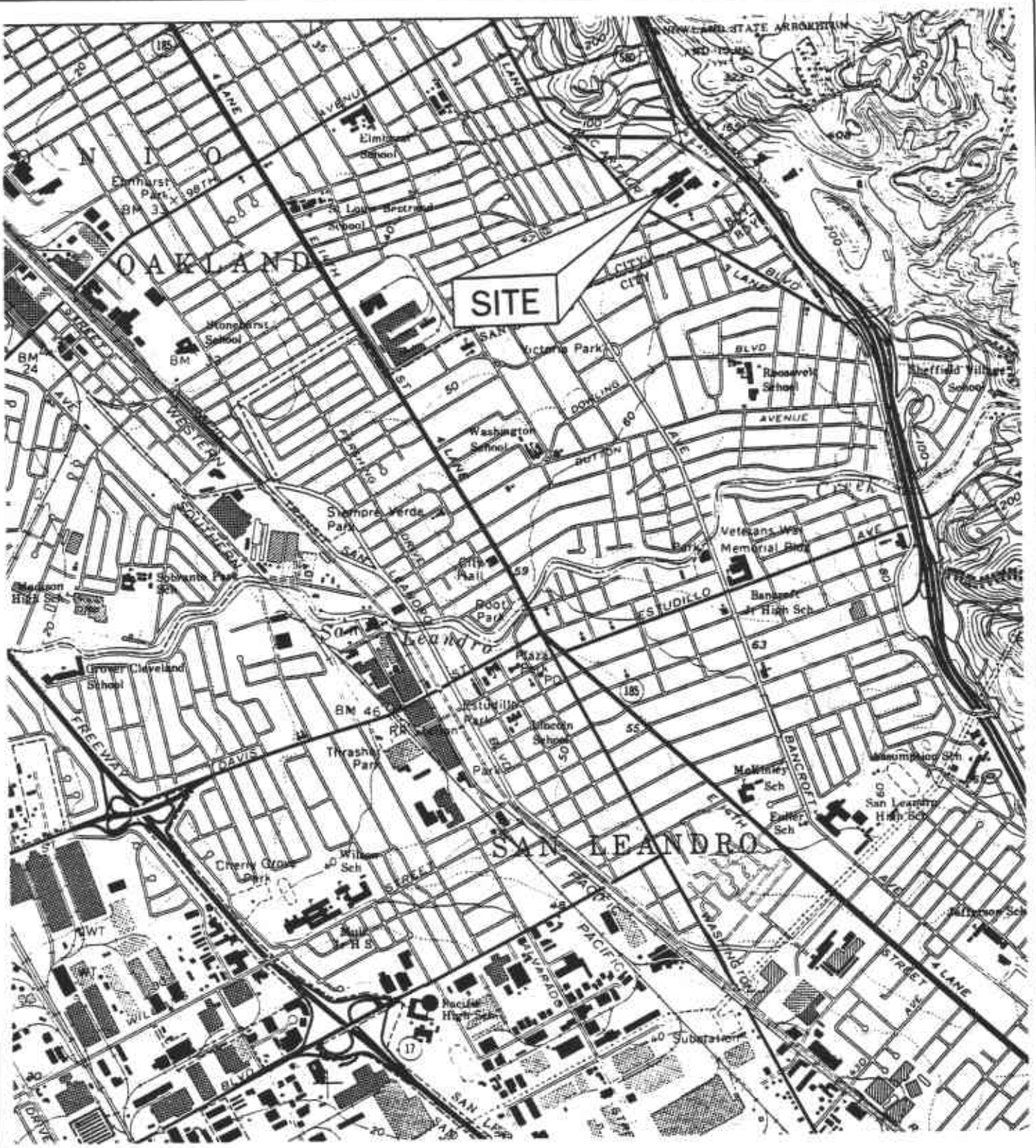
ALL ENVIRONMENTAL, INC.		
2641 CROW CANYON ROAD, SAN RAMON		
SCALE:	APPROVED BY: JPD	DRAWN BY:
DATE:		REVISED:
METHOD STATEMENT CELL DIAGRAM		
Young's Cleaners Soil Remediation		DRAWING NUMBER: FIGURE 3



ALL ENVIRONMENTAL, INC. 2641 CROW CANYON ROAD, SAN RAMON		
SCALE:	APPROVED BY: JPD	DRAWN BY:
DATE:		REVISED:
ORIGINAL PROPOSED EXCAVATION AREA		
Young's Cleaners Soil Remediation		DRAWING NUMBER: FIGURE 4



ALL ENVIRONMENTAL, INC. 2641 CROW CANYON ROAD, SAN RAMON		
SCALE:	APPROVED BY: JPD	DRAWN BY:
DATE:		REVISED:
SHOPPING CENTER DIAGRAM		
Young's Cleaners Soil Remediation		DRAWING NUMBER: FIGURE 5



ALL ENVIRONMENTAL, INC.		
2641 CROW CANYON ROAD, SAN RAMON		
SCALE:	APPROVED BY: JPD	DRAWN BY:
DATE:		REVISED:

VICINITY MAP

Young's Cleaners Soil Remediation

DRAWING NUMBER: FIGURE 6

TABLES

Table A1
Soil Sample Results
All Samples

Young's Cleaners Soil Remediatiton
10700 MacArthur
Oakland, CA

Sample	Grid			Location	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
	North	West	Depth							
1	75	-1	9	East Extention	120	56	23	ND	ND	199
2	40	1	7	Boring into East wall of A	110	460	180	ND	43	793
3	75	1	8	East Wall of A	1300	980	480	ND	ND	2760
4	0	1	8	East Wall of A	14	58	21	ND	ND	93
5	5	2	8	East wall of A	17	100	40	ND	ND	157
6	80	2	8	East Wall of A	770	570	260	12	ND	1600
7	60	2	4	East Wall of A	ND	ND	ND	ND	30	30
8	96	5	4	North Wall of Area 3	230	350	1190	ND	80	1850
9	5	5	12	Bottom of A	420	40	31	ND	ND	491
10	13	5	12	Bottom of A	740	120	36	ND	ND	896
11	80	5	15	Bottom of A	71	ND	ND	14	ND	85
12	96	8	8	North Wall of Area 3	430	950	320	24	250	1974
13	50	8	12	Bottom of A	200	91	19	ND	29	339
14	40	10	12	Bottom of A/B	400	440	300	ND	160	1300
15	50	12	8	West Wall of B	220	180	160	ND	18	578
16	96	15	4	North Wall of Area 3	95	ND	ND	ND	ND	95
17	34	18	9	Bottom of Cell J	ND	500	670	ND	585	1755
18	20	18	12	Bottom of L	640	190	82	ND	ND	912
19	54	19	10	Bottom of Cell D	250	47	ND	ND	110	407
20	25	20	18	Bottom of K	110	74	73	13	300	570
21	71	20	9	South Wall of C	840	540	290	ND	66	1736
22	85	20	11	Bottom of Cell F	490	390	ND	18	93	991
23	71	21	12	Floor of trench C	150	59	250	ND	ND	459
24	68	22	8	Cell G	1400	1000	540	ND	41	2981
25	79	22	9	North Wall of trench C	1500	1200	950	11	80	3741
26	35	22	9	Bottom East side of Hip Hop	53	500	1500	23	200	2276
27	90	24	5	Northern limit in Hip Hop	ND	ND	ND	ND	64	64
28	28	25	14	Floor Area 2	140	140	89	ND	10	379
29	18	27	11	Floor of L	330	140	37	ND	ND	507
30	55	27	11	Floor of M	160	17	20	ND	ND	197
31	70	28	7	Area 2 Boring	1400	1100	880	ND	ND	3380
32	27	28	18	Floor of Area 2	340	140	120	ND	20	620
33	32	32	6	West Wall of Area 2	1700	740	500	16	620	3576
34	85	37	5	Northwestern limit in Hip Hop	18	ND	ND	25	280	323
35	27	37	9	West Extention	7300	2600	1100	ND	230	11230
36	42	37	8	Boring in west side of Hip Hop	1600	3300	2200	ND	780	7880
37	27	37	6	West Extention	80	3600	1100	96	640	5516
38	15	37	7	West Wall of L	45	ND	90	ND	10	145
39	63	37	8	Boring west side of Hip Hop	900	720	8	10	260	1898
40	1	38	5	West Wall of M	ND	ND	ND	ND	ND	0
41	40	42	6	West side of Hip Hop	760	1100	200	ND	230	2290
43	25	44	10	Plaza	320	54	220	1800	ND	2394

Table A1
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Young's Cleaners Soil Remediation
10700 MacArthur
Oakland, CA

Sample	Grid North	Grid West	Depth	Location	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
44	26	46	5	Plaza	250	ND	1500	1100	540	3390
45	40	46	6	Boring into Shoe Repair	1900	1500	610	ND	660	4670
46	70	48	5	Boring under Shoe Repair	1600	770	1400	ND	180	3950
47	32	48	5	Boring into Shoe Repair	500	1600	2100	44	1200	5444
48	57	48	4	Boriing into Shoe Repair	15	37	180	ND	26	258
49	70	53	5	Boring under the Shoe Repair	970	360	650	ND	25	2005
50	45	66	5	Boring in the Breezeway	570	1500	700	ND	19	2789
51	75	32	6	West Wall of Area 2	1700	740	500	16	620	3576
52	70	50	8	Under the pad in Shoe Repair	470	330	760	ND	24	1584
53	35	50	9	Under the pad in Shoe Repair	710	520	650	ND	ND	1880
54	55	40	9	Under the Pad in Hip Hop	2100	2000	860	ND	95	5055
55	55	38	12	Bottom sample in Hip Hop	210	72	100	ND	ND	382
59	60	53	8	Below the pad in Shoe Repair	680	300	230	ND	52	1262
60	70	47	9	Below the pad in Shoe Repair	150	71	110	25	ND	356
61	60	46	12	Bottom Sample Shoe Repair	430	120	78	50	ND	678
62	53	26	7	Below the pad in Area 2	530	420	100	ND	65	1115
63	33	61	5	Western Extent	ND	ND	44	51	ND	95
64	78	45	5	Northern Wall Shoe Repair	ND	ND	32	ND	31	63
65	60	61	5	Western Extent	16	ND	32	18	ND	66
66	71	23	12	Bottom sample Area 2	60	46	170	27	ND	303
67	50	52	9	Western Extent	390	150	96	8	ND	644
68	23	51	5	Plaza in front of Shoe Repair	ND	ND	250	86	27	363
69	23	51	9	Plaza in front of Shoe Repair	25	54	160	21	27	287
70	23	42	15	Bottom Sample Plaza	15	53	120	40	ND	228
71	18	56	8	South Wall	ND	ND	ND	ND	ND	0
72	22	57	12	Bottom Sample	ND	ND	ND	ND	ND	0
73	74	57	5	North Wall of Shoe Repair	ND	ND	ND	ND	ND	0
74	71	55	12	Bottom sample in Shoe Repair	19	ND	ND	ND	ND	19
75	71	59	9	Western Extent	ND	ND	ND	ND	ND	0
76	55	57	9	Western Extent	59	12	ND	ND	ND	71
77	42	59	8	West Wall	110	38	ND	ND	ND	148
78	55	26	12	Bottom Sample Area 2	80	32	ND	ND	ND	112
79	35	25	12	Bottom Sample Area 2	200	80	ND	ND	14	294
80	52	54	5	West Wall	38	ND	ND	ND	ND	38
81	56	72	5	Boring in Breezeway	8	ND	ND	ND	ND	8
82	42	56	11	Botttom Sample in Shoe Repai	25	ND	ND	ND	ND	25

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.
Contaminated samples listed in Table A1, but not in Tables A2 though A6, were excavated.

Table A2
Soil Sample Results
East Wall

Young's Cleaners Soil Remediation
10700 MacArthur
Oakland, CA

Sample	Grid			Location	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
	North	West	Depth							
1	75	-1	9	East Extention	120	56	23	ND	ND	199
2	40	1	7	Boring into East wall of A	110	460	180	ND	43	793
4	0	1	8	East Wall of A	14	58	21	ND	ND	93
7	60	2	4	East Wall of A	ND	ND	ND	ND	30	30
6	80	2	8	East Wall of A	770	570	260	12	ND	1600
5	5	2	8	East wall of A	17	100	40	ND	ND	157

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table A3
Soil Sample Results
Bottom Samples

Sample	Grid			Location	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
	North	West	Depth							
10	13	5	12	Bottom of A	740	120	36	ND	ND	896
9	5	5	12	Bottom of A	420	40	31	ND	ND	491
11	80	5	15	Bottom of A	71	ND	ND	14	NDD	85
13	50	8	12	Bottom of A	200	91	19	ND	29	339
14	40	10	12	Bottom of A/B	400	440	300	ND	160	1300
18	20	18	12	Bottom of L	640	190	82	ND	ND	912
19	54	19	10	Bottom of Cell D	250	47	ND	ND	110	407
22	85	20	11	Bottom of Cell F	490	390	ND	18	93	991
20	25	20	18	Bottom of K	110	74	300	74	13	571
23	71	21	12	Floor of trench C	150	59	250		ND	459
66	71	23	12	Bottom sample Area 2	60	46	170	27	ND	303
28	28	25	14	Floor Area 2	140	140	89	ND	10	379
79	35	25	12	Bottom Sample Area 2	200	80	ND	ND	14	294
78	55	26	12	Bottom Sample Area 2	80	32	ND	ND	ND	112
29	18	27	11	Floor of L	330	140	37	ND	ND	507
30	55	27	11	Floor of M	160	17	20	ND	ND	197
32	27	28	18	Floor of Area 2	340	140	120	ND	20	620
55	55	38	12	Bottom sample in Hip Hop	210	72	100	ND	ND	382
70	23	42	15	Bottom Sample Plaza	15	53	120	40	ND	228
61	60	46	12	Bottom Sample Shoe Repair	430	120	78	50	ND	678
74	71	55	12	Bottom sample in Shoe Repair	19	ND	ND	ND	ND	19
82	42	56	11	Botttom Sample in Shoe Repai	25	ND	ND	ND	ND	25
72	22	57	12	Bottom Sample	ND	ND	ND	ND	ND	0

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table A4
Soil Sample Results
North Wall

Young's Cleaners Soil Remediation
10700 MacArthur
Oakland, CA

Sample	Grid North	Grid West	Grid Depth	Location	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
34	85	37	5	Northwestern limit in Hip Hop	18	ND	ND	25	280	323
27	90	24	5	Northern limit in Hip Hop	ND	ND	ND	ND	64	64
8	96	5	4	North wall of Area 3	230	350	1190	ND	80	1850
16	96	15	4	North wall of Area 3	95	ND	ND	ND	ND	95
12	96	8	8	North wall of Area 3	430	950	320	24	250	1974
73	74	57	5	North wall of Shoe Repair	ND	ND	ND	ND	ND	0
75	71	59	9	Northwestern Extent	ND	ND	ND	ND	ND	0

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table A5

Soil Sample Results

Southern Extent

Young's Cleaners Soil Remediatiton

10700 MacArthur

Oakland, CA

Sample	Grid			Location	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
	North	West	Depth							
4	0	1	8	East Wall of A	14	58	21	ND	ND	93
40	1	38	5	Southwest corner of M	ND	ND	ND	ND	ND	0
5	5	2	8	East wall of A	17	100	40	ND	ND	157
71	18	56	8	South Wall	ND	ND	ND	ND	ND	0

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table A6
Soil Sample Results
West Wall Samples

Young's Cleaners Soil Remediation
10700 MacArthur
Oakland, CA

Sample	Grid North	Grid West	Depth	Location	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
34	85	37	5	Northwestern limit in Hip Hop	18	ND	ND	25	280	323
38	15	37	7	West Wall of L	45	ND	90	ND	10	145
40	1	38	5	West Wall of M	ND	ND	ND	ND	ND	0
64	78	45	5	Northern Wall Shoe Repair	ND	ND	32	ND	31	63
80	52	54	5	West Wall	38	ND	ND	ND	ND	38
76	55	57	9	Western Extent	59	12	ND	ND	ND	71
73	74	57	5	Northwest Wall of Shoe Repai	ND	ND	ND	ND	ND	0
77	42	59	8	West Wall	110	38	ND	ND	ND	148
75	71	59	9	Western Extent	ND	ND	ND	ND	ND	0
65	60	61	5	Western Extent	16	ND	32	18	ND	66
63	33	61	5	Western Extent	ND	ND	44	51	ND	95
50	45	66	5	Boring in the Breezeway	570	1500	ND	19	700	2789
81	56	72	5	Boring in Breezeway	8	ND	ND	ND	ND	8

Note: All sample results are given in parts per billion
ND denotes non-detect
Detection limits was five parts per billion for all samples

Table B1
Soil Sample Results
All Samples

Young's Cleaners Soil Remediatiton

10700 MacArthur
Oakland, CA

Sample	Grid North	Grid West	Grid Depth	Location	PCE	PRG Industrial	% PRG	TCE	PRG Industrial	% PRG	Chloroform	PRG Industrial	% PRG	1,1 Dichloro ethylene	PRG Industrial	% PRG	1,2 Dichloro ethylene	PRG Industrial	% PRG	Total % of PRG without Chloroform	Total % of PRG
1	75	-1	9	East Extention	120	25000	0	56	17000	0	23	1100	2	ND	82	0	ND	270000	0	1	3
2	40	1	7	Boring into East wall of A	110	25000	0	460	17000	3	180	1100	16	ND	82	0	43	270000	0	3	20
3	75	1	8	East Wall of A	1300	25000	5	980	17000	6	480	1100	44	ND	82	0	ND	270000	0	11	55
4	0	1	8	East Wall of A	14	25000	0	58	17000	0	21	1100	2	ND	82	0	ND	270000	0	0	2
5	5	2	8	East wall of A	17	25000	0	100	17000	1	40	1100	4	ND	82	0	ND	270000	0	1	4
6	80	2	8	East Wall of A	770	25000	3	570	17000	3	260	1100	24	12	82	0	ND	270000	0	6	30
7	60	2	4	East Wall of A	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	30	270000	0	0	0
8	96	5	4	North Wall of Area 3	230	25000	1	350	17000	2	1190	1100	108	ND	82	0	80	270000	0	3	111
9	5	5	12	Bottom of A	420	25000	2	40	17000	0	31	1100	3	ND	82	0	ND	270000	0	2	5
10	13	5	12	Bottom of A	740	25000	3	120	17000	1	36	1100	3	ND	82	0	ND	270000	0	4	7
11	80	5	15	Bottom of A	71	25000	0	ND	17000	0	ND	1100	0	14	82	17	ND	270000	0	17	17
12	96	8	8	North Wall of Area 3	430	25000	2	950	17000	6	320	1100	29	24	82	29	250	270000	0	37	66
13	50	8	12	Bottom of A	200	25000	1	91	17000	1	19	1100	2	ND	82	0	29	270000	0	1	3
14	40	10	12	Bottom of A/B	400	25000	2	440	17000	3	300	1100	27	ND	82	0	160	270000	0	4	32
15	50	12	8	West Wall of B	220	25000	1	180	17000	1	160	1100	15	ND	82	0	18	270000	0	2	16
16	96	15	4	North Wall of Area 3	95	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
17	34	18	9	Bottom of Cell J	ND	25000	0	500	17000	3	670	1100	61	ND	82	0	585	270000	0	3	64
18	20	18	12	Bottom of L	640	25000	3	190	17000	1	82	1100	7	ND	82	0	ND	270000	0	4	11
19	54	19	10	Bottom of Cell D	250	25000	1	47	17000	0	ND	1100	0	ND	82	0	110	270000	0	1	1
20	25	20	18	Bottom of K	110	25000	0	74	17000	0	73	1100	7	13	82	16	300	270000	0	17	23
21	71	20	9	South Wall of C	840	25000	3	540	17000	3	290	1100	26	ND	82	0	66	270000	0	7	33
22	85	20	11	Bottom of Cell F	490	25000	2	390	17000	2	ND	1100	0	18	82	22	93	270000	0	26	26
23	71	21	12	Floor of trench C	150	25000	1	59	17000	0	250	1100	23	ND	82	0	ND	270000	0	1	24
24	68	22	8	Cell G	1400	25000	6	1000	17000	6	540	1100	49	ND	82	0	41	270000	0	11	61
25	79	22	9	North Wall of trench C	1500	25000	6	1200	17000	7	950	1100	86	11	82	13	80	270000	0	27	113
26	35	22	9	Bottom East side of Hip Hop	53	25000	0	500	17000	3	1500	1100	136	23	82	28	200	270000	0	31	168
27	90	24	5	Northern limit in Hip Hop	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	64	270000	0	0	0
28	28	25	14	Floor Area 2	140	25000	1	140	17000	1	89	1100	8	ND	82	0	10	270000	0	1	9
29	18	27	11	Floor of L	330	25000	1	140	17000	1	37	1100	3	ND	82	0	ND	270000	0	2	6
30	55	27	11	Floor of M	160	25000	1	17	17000	0	20	1100	2	ND	82	0	ND	270000	0	1	3
31	70	28	7	Area 2 Boring	1400	25000	6	1100	17000	6	880	1100	80	ND	82	0	ND	270000	0	12	92
32	27	28	18	Floor of Area 2	340	25000	1	140	17000	1	120	1100	11	ND	82	0	20	270000	0	2	13
33	32	32	6	West Wall of Area 2	1700	25000	7	740	17000	4	500	1100	45	16	82	20	620	270000	0	31	76
34	85	37	5	Northwestern limit in Hip Hop	18	25000	0	ND	17000	0	ND	1100	0	25	82	30	280	270000	0	31	31
35	27	37	9	West Extention	7300	25000	29	2600	17000	15	1100	1100	100	ND	82	0	230	270000	0	45	145
36	42	37	8	Boring in west side of Hip Ho	1600	25000	6	3300	17000	19	2200	1100	200	ND	82	0	780	270000	0	26	226
37	27	37	6	West Extention	80	25000	0	3600	17000	21	1100	1100	100	96	82	117	640	270000	0	139	239
38	15	37	7	West Wall of L	45	25000	0	ND	17000	0	90	1100	8	ND	82	0	10	270000	0	0	8
39	63	37	8	Boring west side of Hip Hop	900	25000	4	720	17000	4	8	1100	1	10	82	12	260	270000	0	20	21
40	1	38	5	West Wall of M	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
41	40	42	6	West side of Hip Hop	760	25000	3	1100	17000	6	200	1100	18	ND	82	0	230	270000	0	10	28
43	25	44	10	Plaza	320	25000	1	54	17000	0	220	1100	20	1800	82	2195	ND	270000	0	2197	2217

Table 1
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Young's Cleaners Soil Remediatiton

10700 MacArthur
Oakland, CA

Sample	Grid North	Grid West	Grid Depth	Location	PCE	PRG Industrial	% PRG	TCE	PRG Industrial	% PRG	Chloroform	PRG Industrial	% PRG	1,1 Dichloro ethylene	PRG Industrial	% PRG	1,2 Dichloro ethylene	PRG Industrial	% PRG	Total % of PRG without Chloroform	Total % of PRG
44	26	46	5	Plaza	250	25000	1	ND	17000	0	1500	1100	136	1100	82	1341	540	270000	0	1343	1479
45	40	46	6	Boring into Shoe Repair	1900	25000	8	1500	17000	9	610	1100	55	ND	82	0	660	270000	0	17	72
46	70	48	5	Boring under Shoe Repair	1600	25000	6	770	17000	5	1400	1100	127	ND	82	0	180	270000	0	11	138
47	32	48	5	Boring into Shoe Repair	500	25000	2	1600	17000	9	2100	1100	191	44	82	54	1200	270000	0	66	256
48	57	48	4	Boriing into Shoe Repair	15	25000	0	37	17000	0	180	1100	16	ND	82	0	26	270000	0	0	17
49	70	53	5	Boring under the Shoe Repai	970	25000	4	360	17000	2	650	1100	59	ND	82	0	25	270000	0	6	65
50	45	66	5	Boring in the Breezeway	570	25000	2	1500	17000	9	700	1100	64	ND	82	0	19	270000	0	11	75
51	75	32	6	West Wall of Area 2	1700	25000	7	740	17000	4	500	1100	45	16	82	20	620	270000	0	31	76
52	70	50	8	Under the pad in Shoe Repai	470	25000	2	330	17000	2	760	1100	69	ND	82	0	24	270000	0	4	73
53	35	50	9	Under the pad in Shoe Repai	710	25000	3	520	17000	3	650	1100	59	ND	82	0	ND	270000	0	6	65
54	55	40	9	Under the Pad in Hip Hop	2100	25000	8	2000	17000	12	860	1100	78	ND	82	0	95	270000	0	20	98
55	55	38	12	Bottom sample in Hip Hop	210	25000	1	72	17000	0	100	1100	9	ND	82	0	ND	270000	0	1	10
59	60	53	8	Below the pad in Shoe Repai	680	25000	3	300	17000	2	230	1100	21	ND	82	0	52	270000	0	5	25
60	70	47	9	Below the pad in Shoe Repai	150	25000	1	71	17000	0	110	1100	10	25	82	30	ND	270000	0	32	42
61	60	46	12	Bottom Sample Shoe Repair	430	25000	2	120	17000	1	78	1100	7	50	82	61	ND	270000	0	63	70
62	53	26	7	Below the pad in Area 2	530	25000	2	420	17000	2	100	1100	9	ND	82	0	65	270000	0	5	14
63	33	61	5	Western Extent	ND	25000	0	ND	17000	0	44	1100	4	51	82	62	ND	270000	0	62	66
64	78	45	5	Nortthern Wall Shoe Repair	ND	25000	0	ND	17000	0	32	1100	3	ND	82	0	31	270000	0	0	3
65	60	61	5	Western Extent	16	25000	0	ND	17000	0	32	1100	3	18	82	22	ND	270000	0	22	25
66	71	23	12	Bottom sample Area 2	60	25000	0	46	17000	0	170	1100	15	27	82	33	ND	270000	0	33	49
67	50	52	9	Western Extent	390	25000	2	ND	17000	0	96	1100	9	8	82	10	ND	270000	0	12	20
68	23	51	5	Plaza in front of Shoe Repair	ND	25000	0	ND	17000	0	250	1100	23	86	82	105	27	270000	0	105	128
69	23	51	9	Plaza in front of Shoe Repair	25	25000	0	54	17000	0	160	1100	15	21	82	26	27	270000	0	26	41
70	23	42	15	Bottom Sample Plaza	15	25000	0	53	17000	0	120	1100	11	40	82	49	ND	270000	0	49	60
71	18	56	8	South Wall	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
72	22	57	12	Bottom Sample	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
73	74	57	5	North Wall of Shoe Repair	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
74	71	55	12	Bottom sample in Shoe Repa	19	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
75	71	59	9	Western Extent	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
76	55	57	9	Western Extent	59	25000	0	12	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
77	42	59	8	West Wall	110	25000	0	38	17000	0	ND	1100	0	ND	82	0	ND	270000	0	1	1
78	55	26	12	Bottom Sample Area 2	80	25000	0	32	17000	0	ND	1100	0	ND	82	0	ND	270000	0	1	1
79	35	25	12	Bottom Sample Area 2	200	25000	1	80	17000	0	ND	1100	0	ND	82	0	14	270000	0	1	1
80	52	54	5	West Wall	38	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
81	56	72	5	Boring in Breezeway	8	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
82	42	56	11	Botttom Sample in Shoe Rep	25	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.
Contaminated samples listed in Table B1, but not in Tables B2 though B6, were excavated.

Table B2
Soil Sample Results
East Wall

Young's Cleaners Soil Remediatiton

10700 MacArthur
Oakland, CA

Sample #	Grid North	Grid West	Grid Depth	Location	PCE	PRG Industrial	% PRG	TCE	PRG Industrial	% PRG	Chloroform	PRG Industrial	% PRG	1,1 Dichloro ethylene	PRG Industrial	% PRG	1,2 Dichloro ethylene	PRG Industrial	% PRG	Total % of PRG without Chloroform	Total % of PRG
1	75	-1	9	East Extention	120	25000	0	56	17000	0	23	1100	2	ND	82	0	ND	270000	0	1	3
2	40	1	7	Boring into East wall of A	110	25000	0	460	17000	3	180	1100	16	ND	82	0	43	270000	0	3	20
4	0	1	8	East Wall of A	14	25000	0	58	17000	0	21	1100	2	ND	82	0	ND	270000	0	0	2
5	5	2	8	East wall of A	17	25000	0	100	17000	1	40	1100	4	ND	82	0	ND	270000	0	1	4
6	80	2	8	East Wall of A	770	25000	3	570	17000	3	260	1100	24	12	82	15	ND	270000	0	21	45
7	60	2	4	East Wall of A	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	30	270000	0	0	0

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table B3
Soil Sample Results
Bottom Samples

Young's Cleaners Soil Remediatiton

10700 MacArthur
Oakland, CA

Sample #	Grid			Location	PCE	PRG Industrial	% PRG	TCE	PRG Industrial	% PRG	Chloroform	PRG Industrial	% PRG	1,1 Dichloro ethylene	PRG Industrial	% PRG	1,2 Dichloro ethylene	PRG Industrial	% PRG	Total % of PRG without Chloroform	Total % of PRG
	North	West	Depth																		
10	13	5	12	Bottom of A	740	25000	3	120	17000	1	36	1100	3	ND	82	0	ND	270000	0	4	7
9	5	5	12	Bottom of A	420	25000	2	40	17000	0	31	1100	3	ND	82	0	ND	270000	0	2	5
11	80	5	15	Bottom of A	71	25000	0	ND	17000	0	NDD	1100	0	14	82	17	ND	270000	0	17	17
13	50	8	12	Bottom of A	200	25000	1	91	17000	1	19	1100	2	ND	82	0	29	270000	0	1	3
14	40	10	12	Bottom of A/B	400	25000	2	440	17000	3	300	1100	27	ND	82	0	160	270000	0	4	32
18	20	18	12	Bottom of L	640	25000	3	190	17000	1	82	1100	7	ND	82	0	ND	270000	0	4	11
19	54	19	10	Bottom of Cell D	250	25000	1	47	17000	0	ND	1100	0	ND	82	0	110	270000	0	1	1
22	85	20	11	Bottom of Cell F	490	25000	2	390	17000	2	ND	1100	0	18	82	22	93	270000	0	26	26
20	25	20	18	Bottom of K	110	25000	0	74	17000	0	300	1100	27	74	82	90	13	270000	0	91	118
23	71	21	12	Floor of trench C	150	25000	1	59	17000	0	250	1100	23	ND	82	0	ND	270000	0	1	24
66	71	23	12	Bottom sample Area 2	60	25000	0	46	17000	0	170	1100	15	27	82	33	ND	270000	0	33	49
28	28	25	14	Floor Area 2	140	25000	1	140	17000	1	89	1100	8	ND	82	0	10	270000	0	1	9
79	35	25	12	Bottom Sample Area 2	200	25000	1	80	17000	0	ND	1100	0	ND	82	0	14	270000	0	1	1
78	55	26	12	Bottom Sample Area 2	80	25000	0	32	17000	0	ND	1100	0	ND	82	0	ND	270000	0	1	1
29	18	27	11	Floor of L	330	25000	1	140	17000	1	37	1100	3	ND	82	0	ND	270000	0	2	6
30	55	27	11	Floor of M	160	25000	1	17	17000	0	20	1100	2	ND	82	0	ND	270000	0	1	3
32	27	28	18	Floor of Area 2	340	25000	1	140	17000	1	120	1100	11	ND	82	0	20	270000	0	2	13
55	55	38	12	Bottom sample in Hip Hop	210	25000	1	72	17000	0	100	1100	9	ND	82	0	ND	270000	0	1	10
70	23	42	15	Bottom Sample Plaza	15	25000	0	53	17000	0	120	1100	11	40	82	49	ND	270000	0	49	60
61	60	46	12	Bottom Sample Shoe Repair	430	25000	2	120	17000	1	78	1100	7	50	82	61	ND	270000	0	63	70
74	71	55	12	Bottom sample in Shoe Repair	19	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
82	42	56	11	Botttom Sample in Shoe Repair	25	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
72	22	57	12	Bottom Sample	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table B4
Soil Sample Results
North Wall

Young's Cleaners Soil Remediatiton

10700 MacArthur
Oakland, CA

Sample	Grid			Location	PCE	PRG Industrial	% PRG	TCE	PRG Industrial	% PRG	Chloroform	PRG Industrial	% PRG	1,1 Dichloro ethylene	PRG Industrial	% PRG	1,2 Dichloro ethylene	PRG Industrial	% PRG	Total % of PRG without Chloroform	Total % of PRG
	North	West	Depth																		
34	85	37	5	Northwestern limit in Hip Hop	18	25000	0	ND	17000	0	ND	1100	0	25	82	30	280	270000	0	31	31
27	90	24	5	Northern limit in Hip Hop	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	64	270000	0	0	0
8	96	5	4	North Wall of Area 3	230	25000	1	350	17000	2	1190	1100	108	ND	82	0	80	270000	0	3	111
16	96	15	4	North Wall of Area 3	95	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
12	96	8	8	North Wall of Area 3	430	25000	2	950	17000	6	320	1100	29	24	82	29	250	270000	0	37	66
																				0	

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table B5
Soil Sample Results
South Wall

Young's Cleaners Soil Remediation
10700 MacArthur
Oakland, CA

Sample	Grid North	Grid West	Grid Depth	Location	PCE	PRG Industrial	% of PRG	TCE	PRG Industrial	% of PRG	Chloroform	PRG Industrial	% of PRG	1,1 Dichloro ethylene	PRG Industrial	% of PRG	1,2 Dichloro ethylene	PRG Industrial	Total % of PRG without Chloroform	Total % of PRG
4	0	1	8	Southeast corner of A	14	25000	0	58	17000	0	21	1100	2	ND	82	0	ND	270000	0	2
40	1	38	5	Southwest corner of M	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0
5	5	2	8	Southeast Corner of A	17	25000	0	100	17000	1	40	1100	4	ND	82	0	ND	270000	0	4
71	18	56	8	South Wall	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table B6
Soil Sample Results
West Wall Samples

Young's Cleaners Soil Remediatiton

10700 MacArthur
Oakland, CA

Sample #	Grid			Location	PCE	PRG Industrial	% PRG	TCE	PRG Industrial	% PRG	Chloroform	PRG Industrial	% PRG	1,1 Dichloro ethylene	PRG Industrial	% PRG	1,2 Dichloro ethylene	PRG Industrial	% PRG	Total % of PRG without Chloroform	Total % of PRG
	North	West	Depth																		
34	85	37	5	Northwest limit in Hip Hop	18	25000	0	ND	17000	0	ND	1100	0	25	82	30	280	270000	0	31	31
38	15	37	7	West Wall of L	45	25000	0	ND	17000	0	ND	1100	0	ND	82	0	10	270000	0	0	0
40	1	38	5	West Wall of M	ND	25000	0	ND	17000	0	90	1100	8	ND	82	0	ND	270000	0	0	8
64	78	45	5	Northern Wall Shoe Repair	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	31	270000	0	0	0
80	52	54	5	Western Extent	38	25000	0	ND	17000	0	32	1100	3	ND	82	0	ND	270000	0	0	3
76	55	57	9	Western Extent	59	25000	0	12	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
73	74	57	5	Northwest Wall of Shoe Repair	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
77	42	59	8	Western Extent	110	25000	0	38	17000	0	ND	1100	0	ND	82	0	ND	270000	0	1	1
75	71	59	9	Western Extent	ND	25000	0	ND	17000	0	ND	1100	0	ND	82	0	ND	270000	0	0	0
65	60	61	5	Western Extent	16	25000	0	ND	17000	0	32	1100	3	ND	82	0	ND	270000	0	0	3
63	33	61	5	Western Extent	ND	25000	0	ND	17000	0	44	1100	4	18	82	22	ND	270000	0	22	26
50	45	66	5	Boring in Breezeway	570	25000	2	1500	17000	9	ND	1100	0	51	82	62	700	270000	0	74	74
81	56	72	5	Boring in Breezeway	8	25000	0	ND	17000	0	ND	1100	0	19	82	23	ND	270000	0	23	23

Note: All sample results are given in parts per billion.
ND denotes non-detect.
Detection limits was five parts per billion for all samples.

Table C1
Soil Sample Results
Quality Control Samples

Young's Cleaners Soil Remediatiton
10700 MacArthur
Oakland, CA

Sample	Method	PCE	TCE	Chloroform	1,1 Dichloro ethylene	1,2 Dichloro ethylene	Total VOCs
AEN-DUP1	EPA 8240	160	ND	ND	ND	ND	160
PEL-DUP1	EPA 8010	ND	ND	ND	ND	64	64
AEI-R60-53-8	EPA 8010	680	300	230	ND	53	1263
AEI-R60-53-8	EPA 8240	510	70	40	ND	61	681

Notes:
ND Denotes non-detect
All sample concentrations are in parts per billion
The sample AEI-R60-53-8, which was analyzed by EPA Method 8240, was analyzed twelve days after submittal.

APPENDIX A

LABORATORY DATA

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 19, 1995

PEL # 9510052

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young

Project number: 1290

Sample I.D.: AEI-R80-5-15'

Date Sampled: Oct 18, 1995
Date Analyzed: Oct 18-19,1995

Date Submitted: Oct 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	14	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	81.9
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	80.7
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	102.4
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	71	95.0
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.1

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 18, 1995 PEL # 9510044

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young Cleaners Project number: 1290

Sample I.D.: AEI-R60-2-4'

Date Sampled: Oct 17, 1995 Date Submitted: Oct 17, 1995
Date Analyzed: Oct 17-18,1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	30	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	91.9
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	82.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	88.2
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	86.2

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 18, 1995

PEL # 9510044

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young Cleaners

Project number: 1290

Sample I.D.: AEI-R96-5-4'

Date Sampled: Oct 17, 1995
Date Analyzed: Oct 17-18,1995

Date Submitted: Oct 17, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	80	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	91.9
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	190	82.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	350	88.2
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	230	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	86.2

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 18, 1995

PEL # 9510044

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young Cleaners

Project number: 1290

Sample I.D.: AEI-R96-15-4'

Date Sampled: Oct 17, 1995
Date Analyzed: Oct 17-18,1995

Date Submitted: Oct 17, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	91.9
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	82.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	95	88.2
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	32	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	86.2

David Duong
Laboratory Director

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PRIORITY ENVIRO

PEL # 9510044

INV # 26429

BS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-94

DATE: 10/17/95 PAGE: 01 OF 01

PROJECT MGR.: JOE
COMPANY: All Environmental, Inc
ADDRESS:
PHONE: 510 635 3246 FAX: 510 - - -
SIGNATURE:

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
AEI - R60-2-4	10/17/95	3:30PM	Soil								✓	1
AEI_R96-5-4	"	"	"								✓	1
AEI_R96-15-4	"	"	"								✓	1

PROJECT INFORMATION

PROJECT NAME: YOUNG CLEANER
PROJECT NUMBER: 1290

SAMPLE RECEIPT

TOTAL # OF CONTAINERS: 03
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS: 24 hr RUSH

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
SIGNATURE:	SIGNATURE: THANH LAM	SIGNATURE:	SIGNATURE:
Date: Time:	Date: 10/16/95 Time: 15:40	Date: Time:	Date: Time:
COMPANY:	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 19, 1995

PEL # 9510052

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young

Project number: 1290

Sample I.D.: AEI-R96-8-8'

Date Sampled: Oct 18, 1995
Date Analyzed: Oct 18-19,1995

Date Submitted: Oct 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	24	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	250	81.9
1,1-Dichloroethane	N.D.	-----
Chloroform	320	80.7
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	950	102.4
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	430	95.0
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.1

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 19, 1995

PEL # 9510052

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young

Project number: 1290

Sample I.D.: AEI-R80-5-15'

Date Sampled: Oct 18, 1995
Date Analyzed: Oct 18-19,1995

Date Submitted: Oct 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	14	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	81.9
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	80.7
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	102.4
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	71	95.0
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.1

David Duong
Laboratory Director

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1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 10/18/95 PAGE: __ OF __

PROJECT MGR.: J. P. DeLuke
COMPANY: AEI
ADDRESS: 2691
PHONE: 635-3246 FAX: - -
SIGNATURE:

ANALYSIS REP

PEL # 9510052
INV # 26437

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)			NUMBER OF CONTAINERS
AEI-RSD-5-15	10/18	3:00	SL								1			1
AEI-RSD-8	10/18	3:00	W								1			1

PROJECT INFORMATION
PROJECT NAME:: Tenys
PROJECT NUMBER: 1298

SAMPLE RECEIPT
TOTAL # OF CONTAINERS
RECD. GOOD COND./COLD

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1
SIGNATURE: J. P. DeLuke
Date: 10/18/95 Time: 4:30
COMPANY:

RECEIVED BY: 1
SIGNATURE: JOHNNY LAM
Date: 10/18/95 Time: 16:35
COMPANY: PEL

RELINQUISHED BY: 2
SIGNATURE:
Date: Time:
COMPANY:

RECEIVED BY: 2
SIGNATURE:
Date: Time:
COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 24, 1995 PEL # 9510065

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs

Sample I.D.: AEI-~~R40-1.7~~ 40-1-7

Date Sampled: Oct 20, 1995 Date Submitted: Oct 21, 1995
Date Analyzed: Oct 21-23, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	43	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	180	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	460	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	110	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 24, 1995 PEL # 9510065

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R40-10-12

Date Sampled: Oct 20, 1995 Date Submitted: Oct 21, 1995
Date Analyzed: Oct 21-23, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	160	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	300	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	440	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	400	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 24, 1995 PEL # 9510065

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R50-8-12

Date Sampled: Oct 20, 1995 Date Submitted: Oct 21, 1995
Date Analyzed: Oct 21-23, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	29	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	19	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	91	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	200	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 24, 1995 PEL # 9510065

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R50-12-8

Date Sampled: Oct 20, 1995 Date Submitted: Oct 21, 1995
Date Analyzed: Oct 21-23, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	18	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	160	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	180	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	220	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 9510065

October 24, 1995

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R80-2-8

Date Sampled: Oct 20, 1995 Date Submitted: Oct 21, 1995
Date Analyzed: Oct 21-23, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	12	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	260	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	570	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	770	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 10/20/95 PAGE: ___ OF ___

PROJECT MGR.: ALL ENV
COMPANY: All Env
ADDRESS:
PHONE: 510 - 826 - 3224 FAX: - - -
SIGNATURE:

ANALYSIS REPORT

PEL # 9510065
INV # 26450

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
~~AEI-R50~~												
AEI-R50-8-12	10/20/95	~~1100~~	Soil								X	
AEI-R80-2-8	10/20/95		Soil								X	
AEI-R50-12-8	10/20/95		Soil								X	
AEI-R40-10-12	10/20/95		Soil								X	
AEI-R40-10			Soil								X	
AEI-R40-10	↓		↓								~~X~~ Hold	

PROJECT INFORMATION
PROJECT NAME::
PROJECT NUMBER:

SAMPLE RECEIPT
TOTAL # OF CONTAINERS
RECD. GOOD COND./COLD

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J. Pelletier	DAVID DUCNT		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 10/21/95 Time: 9:15	Date: 10/21/95 Time: 9:15 AM	Date: Time:	Date: Time:
COMPANY: PEL	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 26, 1995

PEL # 9510085

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Sample I.D.: AEI-RO-1-8

Date Sampled: Oct 25-26, 1995
Date Analyzed: Oct 26, 1995

Date Submitted: Oct 26, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	21	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	58	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	14	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 26, 1995

PEL # 9510085

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R5-2-8

Date Sampled: Oct 25-26, 1995
Date Analyzed: Oct 26, 1995

Date Submitted: Oct 26, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	40	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	100	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	17	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 26, 1995

PEL # 9510085

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R5-5-12

Date Sampled: Oct 25-26, 1995
Date Analyzed: Oct 26, 1995

Date Submitted: Oct 26, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	31	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	40	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	420	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 26, 1995

PEL # 9510085

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R13-5-12

Date Sampled: Oct 25-26, 1995
Date Analyzed: Oct 26, 1995

Date Submitted: Oct 26, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	36	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	120	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	740	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 26, 1995

PEL # 9510085

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R20-18-12

Date Sampled: Oct 25-26, 1995
Date Analyzed: Oct 26, 1995

Date Submitted: Oct 26, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	82	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	190	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	640	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 26, 1995

PEL # 9510085

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R70-28-6.5

Date Sampled: Oct 25-26, 1995
Date Analyzed: Oct 26, 1995

Date Submitted: Oct 26, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	880	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	1100	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1400	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 26, 1995

PEL # 9510085

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Sample I.D.: AEI-R75-1-8

Date Sampled: Oct 25-26, 1995
Date Analyzed: Oct 26, 1995

Date Submitted: Oct 26, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	94.2
1,1-Dichloroethane	N.D.	-----
Chloroform	480	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	980	87.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1300	95.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	88.4

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: __/__/__ PAGE: __ OF __

PROJECT MGR.: Tonys Cleaners
COMPANY: AGF
ADDRESS: [illegible]
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9510085
INV # 26470

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
AEI-R 70-28-6.5	12/25	9:00	Soil								X	1
AEI-R 75-1-8	"	10:00	"								X	1
AEI-R13-5-12	"	11:00	"								X	1
AEI-R 5-2-8	12/26	8:30	Soil								X	1
AEI-R 5-5-12	"	8:40	"								X	1
AEIRO-1-8	"	8:50	"								X	1
AEI-R20-18-12	"	9:00	"								X	1

PROJECT INFORMATION
PROJECT NAME::
PROJECT NUMBER:

SAMPLE RECEIPT
TOTAL # OF CONTAINERS
RECD. GOOD COND./COLD

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Joe Deloatche	DAVID JUANG		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 12/26/95 Time: 9:00	Date: 12/26/95 Time: 9:00 AM	Date: Time:	Date: Time:
COMPANY:	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 02, 1995

PEL # 9510107

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs AEI-R (-1)-38-5

Project number: 1290

Sample I.D.: AEI-R1-38-5

Date Sampled: Oct 31, 1995

Date Submitted: Oct 31, 1995

Date Analyzed: Nov 01-02, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

November 02, 1995

PEL # 9510107

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R5-27-11

Date Sampled: Oct 31, 1995
Date Analyzed: Nov 01-02, 1995

Date Submitted: Oct 31, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	20	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	17	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	160	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 02, 1995

PEL # 9510107

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R15-37-7

Date Sampled: Oct 31, 1995
Date Analyzed: Nov 01-02, 1995

Date Submitted: Oct 31, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	10	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	90	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	45	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 02, 1995

PEL # 9510107

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R18-27-11

Date Sampled: Oct 31, 1995
Date Analyzed: Nov 01-02, 1995

Date Submitted: Oct 31, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	37	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	140	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	330	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 02, 1995

PEL # 9510107

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R~~75-1-9~~ 75-(-1)-9

Date Sampled: Oct 31, 1995
Date Analyzed: Nov 01-02, 1995

Date Submitted: Oct 31, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	23	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	56	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	120	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 10/31/95 PAGE: 1 OF 1

PROJECT MGR.:
COMPANY:
ADDRESS:
:
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9510107

INV # 26492

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
AEI-R15-37-7	10/31/95	10:00	SOIL								X	1
AEI-R18-27-11	"	2:00	"								X	1
AEI-R(-1)-38-5	"	3:00	"								X	1
AEI-R75-(1)-9	"	3:00	"								X	1
AEI-R5-27-11	V	3:20	V								X	1

PROJECT INFORMATION

PROJECT NAME: Ponds
PROJECT NUMBER: 1290

SAMPLE RECEIPT

TOTAL # OF CONTAINERS: 5
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: Time: 10/31/95 3:10	Date: Time: 10/31/95 15:12	Date: Time:	Date: Time:
COMPANY:	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 03, 1995

PEL # 9511012

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R75-32-6

Date Sampled: Nov 01, 1995
Date Analyzed: Nov 02-03, 1995

Date Submitted: Nov 02, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	16	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	620	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	500	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	740	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1700	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 03, 1995 PEL # 9511012

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R71-20-9

Date Sampled: Nov 01, 1995 Date Submitted: Nov 02, 1995
Date Analyzed: Nov 02-03, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	66	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	290	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	540	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	840	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 03, 1995

PEL # 9511012

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R71-21-12

Date Sampled: Nov 01, 1995
Date Analyzed: Nov 02-03, 1995

Date Submitted: Nov 02, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	250	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	59	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	150	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 03, 1995 PEL # 9511012

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R79-22-9

Date Sampled: Nov 01, 1995 Date Submitted: Nov 02, 1995
Date Analyzed: Nov 02-03, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	11	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	80	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	950	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	1200	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1500	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 08, 1995

PEL # 9511029

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R27-37-9

Date Sampled: Nov 07, 1995
Date Analyzed: Nov 08, 1995

Date Submitted: Nov 08, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	230	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	1100	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	2600	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	7300	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 11/8/95 PAGE: ___ OF ___

PROJECT MGR.: Joe Perlaki
COMPANY: AET
ADDRESS: /
PHONE: - - FAX: - - -
SIGNATURE:

ANALYSIS REPORT

PEL # 9511029
INV # 26521

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)		NUMBER OF CONTAINERS
AETR-27-37-9	11/7	1:30	Soil								X		

PROJECT INFORMATION
PROJECT NAME::
PROJECT NUMBER:

SAMPLE RECEIPT
TOTAL # OF CONTAINERS:
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Joe Perlaki	DAVID DUND		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: Time:	Date: 11/8/95 Time: 8:05AM	Date: Time:	Date: Time:
COMPANY: AET	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 08, 1995

PEL # 9511023

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R28-25-14

Date Sampled: Nov 07, 1995
Date Analyzed: Nov 07-08, 1995

Date Submitted: Nov 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	9.8	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	89	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	140	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	140	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 08, 1995 PEL # 9511023

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R27-37-6

Date Sampled: Nov 07, 1995
Date Analyzed: Nov 07-08, 1995 Date Submitted: Nov 07, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	96	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	640	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	1100	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	3600	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	80	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 08, 1995 PEL # 9511023

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R27-28-18

Date Sampled: Nov 07, 1995 Date Submitted: Nov 07, 1995
Date Analyzed: Nov 07-08, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	20	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	120	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	140	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	340	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 11/7/95 PAGE: 01 OF 01

PROJECT MGR.: J. DeLuke
COMPANY: AEI
ADDRESS:
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9511023
INV # 26515

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
AEI-R28-25-14	11/3/95	12:00	Soil								X	1
AEI-R27-28-18	"	1:30	"								X	1
AEI-R27-37-6	"	1:00	"								X	1

PROJECT INFORMATION
PROJECT NAME::
PROJECT NUMBER:

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 03
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
SIGNATURE: J.P. DeLuke	SIGNATURE: DAVID DUONG	SIGNATURE:	SIGNATURE:
Date: Time:	Date: 11/07/95 Time: 12:10 PM	Date: Time:	Date: Time:
COMPANY:	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 15, 1995 PEL # 9511048

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R54-19-10

Date Sampled: Nov 14, 1995 Date Submitted: Nov 14, 1995
Date Analyzed: Nov 14-15, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	110	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	47	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	250	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 15, 1995 PEL # 9511048

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R85-37-5

Date Sampled: Nov 14, 1995 Date Submitted: Nov 14, 1995
Date Analyzed: Nov 14-15, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	25	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	280	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	18	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 15, 1995 PEL # 9511048

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R90-24-5

Date Sampled: Nov 14, 1995 Date Submitted: Nov 14, 1995
Date Analyzed: Nov 14-15, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	64	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 15, 1995 PEL # 9511048

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R34-18-9

Date Sampled: Nov 14, 1995 Date Submitted: Nov 14, 1995
Date Analyzed: Nov 14-15, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	480	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	670	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	500	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 15, 1995 PEL # 9511048

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R85-20-11

Date Sampled: Nov 14, 1995 Date Submitted: Nov 14, 1995
Date Analyzed: Nov 14-15, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	18	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	93	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	390	92.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	490	89.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 11/14/95 PAGE: __ OF __

PROJECT MGR.: J.P. DeLuke
COMPANY: AEI
ADDRESS:
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9511048
INV # 26540

SAMPLE ID	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602,8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 C,D&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601,8010)	NUMBER OF CONTAINERS
AEI-R34-18-9	11/14										X	1
AEI-R68-22-8	11/14										X	1
AEI-R-91-24-3	11/10										X	1
AEI-RB5-37-5	↓										X	1
AEI-R54-19-10											X	1
AEI-R85-20-11	↓										X	1

PROJECT INFORMATION
PROJECT NAME: Lowry's
PROJECT NUMBER: 1290

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 06
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J.P. DeLuke	DAVID DUONG		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 11/14/95 Time: 9:00	Date: 11/14/95 Time: 9:00	Date: Time:	Date: Time:
COMPANY: AEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 17, 1995

PEL # 9511054

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R40-42-6

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	230	97.7
1,1-Dichloroethane	N.D.	-----
Chloroform	200	110.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	1100	108.5
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	760	100.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	95.8
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 17, 1995

PEL # 9511054

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R40-46-6

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	80.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	660	97.7
1,1-Dichloroethane	N.D.	-----
Chloroform	610	110.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	1500	108.5
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1900	100.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	95.8
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRC

PEL # 9511054

INV # 26546

ABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-9·

DATE: 11/15/95 PAGE: __ OF __

PROJECT MGR.: Joe Lehr
COMPANY: AEL
ADDRESS:
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
40-42-6	11/15	1:40	Soil								1	
40-46-6	↓	1:30	↓								1	

PROJECT INFORMATION

PROJECT NAME: Tangs Clemens
PROJECT NUMBER: 1291

SAMPLE RECEIPT

TOTAL # OF CONTAINERS:
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J.P. Dahlke	DAVID DUAN		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 11/15/95 Time: 1:45	Date: 11/15/95 Time: 1:45 PM	Date: Time:	Date: Time:
COMPANY: AEL	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1995 PEL # 9511069

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R25-20-18

Date Sampled: Nov 15, 1995 Date Submitted: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	73	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	13	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	300	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	74	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	110	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

November 22, 1995

PEL # 9511069

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R32-48-5

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	44	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	1200	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	2100	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	1600	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	500	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

November 22, 1995

PEL # 9511069

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R35-22-9

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	23	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	200	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	1500	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	500	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	53	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1995

PEL # 9511069

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R42-37-8

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	780	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	2200	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	3300	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1600	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1995

PEL # 9511069

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R45-66-5

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	19	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	700	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	1500	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	570	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1995 PEL # 9511069

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R57-48-9

Date Sampled: Nov 15, 1995 Date Submitted: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	26	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	180	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	37	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	15	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1995

PEL # 9511069

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R63-37-8

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	8.4.	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	10	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	260	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	720	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	900	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1995 PEL # 9511069

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R70-48-5

Date Sampled: Nov 15, 1995 Date Submitted: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	180	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	1400	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	770	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1600	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

November 22, 1995

PEL # 9511069

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R70-53-5

Date Sampled: Nov 15, 1995
Date Analyzed: Nov 16-17, 1995

Date Submitted: Nov 15, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	25	83.2
1,1-Dichloroethane	N.D.	-----
Chloroform	650	84.1
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	360	107.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	970	86.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	92.7

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 11/20/95 PAGE: 1 OF 1

PROJECT MGR.: Joe Dechuke
COMPANY: AEI
ADDRESS: 2641 Crow Canyon Rd
PHONE: ___ FAX: 510-838-2667
SIGNATURE:

ANALYSIS REPORT

PEL # 9511069
INV # 26561

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)		NUMBER OF CONTAINERS
AEI R45-66-5	11/20/95	1:30	Soil								X		
AEI R70-53-5	11/20/95	1:30	Soil								X		
AEI R35-22-4	11/17	9:00									X		
AEI-R25-20-18	11/17	9:30									X		
AEI-R32-48-5	11/21	10:00									X		
AEI-R57-48-4	↓	10:30									X		
AEI-R70-48-5	↓	11:00	↓								X		
AEI-R42-37-8	↓	2:00									X		
AEI-R63-37-8	↓	2:30	↓								X		

PROJECT INFORMATION
PROJECT NAME: Tony's Cleaners
PROJECT NUMBER: 1290

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 7
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
SIGNATURE: J.P. Dechuke	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 11/20/95 Time: 1:40	Date: 11/21/95 Time: 14:30	Date: Time:	Date: Time:
COMPANY: AEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 27, 1995

PEL # 9511076

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R25-44-10

Date Sampled: Nov 21, 1995
Date Analyzed: Nov 22-27, 1995

Date Submitted: Nov 22, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	110.3
1,1-Dichloroethene	1800	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	220	106.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	54	99.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	320	84.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	105.9

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 27, 1995 PEL # 9511076

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R26-46-5

Date Sampled: Nov 21, 1995 Date Submitted: Nov 22, 1995
Date Analyzed: Nov 22-27, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	110.3
1,1-Dichloroethene	1100	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	540	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	1500	106.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	99.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	250	84.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	105.9

David Duong
Laboratory Director

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PRIORITY ENVIRONMEN

PEL # 9511076

INV # 26568

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 11/21/95 PAGE: 1 OF 1

PROJECT MGR.: J. DeHake
COMPANY: AEI
ADDRESS: 2941 Ocean Canyon Rd
PHONE: _____ FAX: _____
SIGNATURE: _____

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
AEI-R25-44-10	11/21	9:01	Soil								+	
AEI R26-46-5	↓	↓									+	

PROJECT INFORMATION

PROJECT NAME: Tony's
PROJECT NUMBER: 12.90

SAMPLE RECEIPT

TOTAL # OF CONTAINERS: 2
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS: _____

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Joe DeHake	DAVID DUONG		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 11/22/95 Time: 8:50	Date: 11/22/95 Time: AM 10:00	Date: Time:	Date: Time:
COMPANY: AEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 04, 1995 PEL # 9512016

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R35-50-9

Date Sampled: Dec 01, 1995 Date Submitted: Dec 02, 1995
Date Analyzed: Dec 01-04, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	91.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	101.9
1,1-Dichloroethane	N.D.	-----
Chloroform	650	106.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	520	96.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	710	100.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	105.3
1,2-Dichlorobenzene	N.D.	99.1

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 04, 1995

PEL # 9512016

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R70-50-8

Date Sampled: Dec 01, 1995
Date Analyzed: Dec 01-04, 1995

Date Submitted: Dec 02, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	91.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	24	101.9
1,1-Dichloroethane	N.D.	-----
Chloroform	760	106.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	330	96.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	470	100.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	105.3
1,2-Dichlorobenzene	N.D.	99.1

David Duong
Laboratory Director

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Priority Environmental Labs
1764 Houret Court
Milpitas, CA 95035
(408) 946-9636

1764 Houret Ct. Milpitas,CA.95035 Tel:408-

PEL # 9512016

INV # 26619

Chain of Custody

DATE: 12/2/95 PAGE: 1 OF: 1

PROJECT MGR.: Joe Dalhake
COMPANY: AEI
ADDRESS: 2641 Clan Canyon
PHONE: 510-820-7224 FAX: - - -
SIGNATURE:

ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 E&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS EPA 418.1	EPA 8010	NUMBER OF CONTAINERS
AFIR-35-SO-9	12/1	6:00	Soil									X	
AFIR-70-SO-8	12/1	6:10	"									X	

PROJECT INFORMATION
PROJECT NAME: Foggy's Cleaners
PROJECT NUMBER: 1290

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 2
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J. P. Dalhake	Victor Duong		
SIGNATURE: Date: 12/2	SIGNATURE: Date:	SIGNATURE: Date:	SIGNATURE: Date:
NAME: AFI Time: 8:30	NAME: 12/2/95 Time: 830	NAME: Time:	NAME: Time:
COMPANY:	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 04, 1995

PEL # 9512012

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R55-38-2

Date Sampled: Nov 30, 1995
Date Analyzed: Dec 01-04, 1995

Date Submitted: Dec 01, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	91.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	101.9
1,1-Dichloroethane	N.D.	-----
Chloroform	100	106.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	72	96.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	210	100.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	105.3
1,2-Dichlorobenzene	N.D.	99.1

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 04, 1995

PEL # 9512012

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R55-40-9

Date Sampled: Nov 30, 1995
Date Analyzed: Dec 01-04, 1995

Date Submitted: Dec 01, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	91.9
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	95	101.9
1,1-Dichloroethane	N.D.	-----
Chloroform	860	106.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	2000	96.3
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	2100	100.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	105.3
1,2-Dichlorobenzene	N.D.	99.1

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 12/1/95 PAGE: 1 OF 1

PROJECT MGR.: J. DeChatelaine
COMPANY: HEI
ADDRESS:
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9512012
INV # 26615

SAMPLE ID.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602,8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 C,D&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601,8010)		NUMBER OF CONTAINERS
55-38-12	11/30	1:40	Soil								X		
55-40-9	11	1:30	↓								X		

PROJECT INFORMATION
PROJECT NAME: Forney's
PROJECT NUMBER: 1290

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 2
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Joe DeChatelaine	[illegible]		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 12/1/95 Time: 3:01	Date: 12/1/95 Time: 15:05	Date: Time:	Date: Time:
COMPANY: HEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995 PEL # 9512035

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R71-23-12

Date Sampled: Dec 07, 1995 Date Submitted: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	27	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	170	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	46	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	60	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995

PEL # 9512035

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R60-61-5

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	18	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	32	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	16	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995

PEL # 9512035

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R78-45-5

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	31	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	32	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 9512035

December 08, 1995

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R33-61-5

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	51	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	44	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995

PEL # 9512035

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R53-26-7

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	65	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	100	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	420	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	530	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995

PEL # 9512035

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R60-46-12

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	50	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	78	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	120	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	430	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 9512035

December 08, 1995

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R70-47-9

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	25	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	110	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	71	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	150	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995

PEL # 9512035

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R60-53-8

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	52	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	230	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	300	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	680	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 12/6/95 PAGE: 01 OF 01

PROJECT MGR: J.P. Archuleta
COMPANY: AEI
ADDRESS: 2641 Cow Canyon
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9512035
INV # 26638

SAMPLE ID	DATE	TIME	MATRIX	TPH - Gasoline (EPA 5030.8015)	TPH - Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH - Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
I-R71-23-12	12/6	3:18	Soil								X	1
I-R60-61-5	12/7										X	1
I-R78-45-5	12/7										X	1
I-R33-81-5	12/7										A	1
I-R60-46-12	12/7										X	1
I-R53-26-7	12/7										X	1
I-R70-47-9	12/6										X	1
I-R60-53-8	12/6										X	1

RUSH

PROJECT INFORMATION
PROJECT NAME: Ferry Lease
PROJECT NUMBER: 1290

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 3
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J. P. Archuleta	DAVID DUCKETT		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 12/6/95 Time: 3:18	Date: 12/07/95 Time: 3:15PM	Date: Time:	Date: Time:
COMPANY: AEI	COMPANY: IEC	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995 PEL # 9512025

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R23-42-15

Date Sampled: Dec 04, 1995 Date Submitted: Dec 05, 1995
Date Analyzed: Dec 07-08, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	40	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	120	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	53	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	15	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995 PEL # 9512025

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R23-51-5

Date Sampled: Dec 04, 1995 Date Submitted: Dec 05, 1995
Date Analyzed: Dec 07-08, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	86	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	27	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	250	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995

PEL # 9512025

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R23-51-9

Date Sampled: Dec 04, 1995
Date Analyzed: Dec 07-08, 1995

Date Submitted: Dec 05, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	21	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	27	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	160	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	54	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	25	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995 PEL # 9512025

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R34-48-12

Date Sampled: Dec 04, 1995 Date Submitted: Dec 05, 1995
Date Analyzed: Dec 07-08, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	35	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	30	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	150	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	320	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	770	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 08, 1995 PEL # 9512025

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R50-52-9

Date Sampled: Dec 04, 1995 Date Submitted: Dec 05, 1995
Date Analyzed: Dec 07-08, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	8.2	87.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	108.9
1,1-Dichloroethane	N.D.	-----
Chloroform	96	99.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	150	98.9
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	390	102.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	90.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 12/4/95 PAGE: __ OF __

PROJECT MGR.: J.P. Dechaine
COMPANY: HEI
ADDRESS: 2641 Crow Canyon Rd
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9512025

INV # 26628

SAMPLE ID	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C,D&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	NUMBER OF CONTAINERS
23-42-15	12/4	3:00	Soil								X	1
23-51-9	"	"	"								X	1
23 51-5	"	"	"								X	1
34-48-12	12/5	1:15	Soil								X	
50-52-9	"	"	"								X	

PROJECT INFORMATION

PROJECT NAME: Kong's
PROJECT NUMBER: 12.90

SAMPLE RECEIPT

TOTAL # OF CONTAINERS: 3
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J.P. Dechaine	DAVID DUAN		
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 12/4/95 Time: 7:26	Date: 12/05/95 Time: 8:05 AM	Date: Time:	Date: Time:
COMPANY: HEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 13, 1995

PEL # 9512048

ALL ENVIRONMENTAL, INC.

Attn: Joe Derhake

Project name: Youngs

Project number: 1290

Sample I.D.: AEI-R22-57-12

Date Sampled: Dec 12, 1995
Date Analyzed: Dec 12-13, 1995

Date Submitted: Dec 12, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	79.2
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	102.7
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	89.5
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	94.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	85.7
1,2-Dichlorobenzene	N.D.	97.2

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 13, 1995 PEL # 9512048

ALL ENVIRONMENTAL, INC. Attn: Joe Derhake

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R18-56-8

Date Sampled: Dec 12, 1995 Date Submitted: Dec 12, 1995
Date Analyzed: Dec 12-13, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	79.2
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	102.7
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	89.5
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	94.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	85.7
1,2-Dichlorobenzene	N.D.	97.2

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 13, 1995 PEL # 9512048

ALL ENVIRONMENTAL, INC. Attn: Joe Derhake

Project name: Youngs Project number: 1290

Sample I.D.: AEI-R74-57-5

Date Sampled: Dec 12, 1995 Date Submitted: Dec 12, 1995
Date Analyzed: Dec 12-13, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	79.2
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	102.7
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	89.5
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	94.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	107.1
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	85.7
1,2-Dichlorobenzene	N.D.	97.2

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 12/12/95 PAGE: 1 OF 1

PROJECT MGR.: Joe Reinhart
COMPANY: AEI
ADDRESS:
PHONE: FAX:
SIGNATURE:

SAMPLE ID:	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602,8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 C,D&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601,8010)	NUMBER OF CONTAINERS
4-57-5	12/12	1:50									X	1
18-56-8	12/8	10:31									X	1
22-57-12	12/8	11:00									X	1

ANALYSIS REPORT

PEL # 9512048

INV # 26651

PROJECT INFORMATION

PROJECT NAME: Yamagi
PROJECT NUMBER: 12-90

SAMPLE RECEIPT

TOTAL # OF CONTAINERS: 3
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY: 2	RECEIVED BY: 2
Joseph Reinhart			
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 12/12/95 Time: 2:50	Date: 12/12/95 Time: 14:20	Date: Time:	Date: Time:
COMPANY: AEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995

PEL # 9512064

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R56-72-5

Date Sampled: Dec 20, 1995
Date Analyzed: Dec 21, 1995

Date Submitted: Dec 21, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	8.0	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995 PEL # 9512064

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R35-15-12

Date Sampled: Dec 20, 1995 Date Submitted: Dec 21, 1995
Date Analyzed: Dec 21, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	14	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	80	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	200	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995 PEL # 9512064

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R52-54-5

Date Sampled: Dec 20, 1995 Date Submitted: Dec 21, 1995
Date Analyzed: Dec 21, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	38	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995 PEL # 9512064

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: AEI-R55-26-12

Date Sampled: Dec 20, 1995 Date Submitted: Dec 21, 1995
Date Analyzed: Dec 21, 1995

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	32	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	80	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 12/19/95 PAGE: ___ OF ___

PROJECT MGR.: J.P Dechaka
COMPANY: AEI
ADDRESS:
PHONE: FAX:
SIGNATURE:

ANALYSIS REPORT

PEL # 9512064
INV # 26667

SAMPLE ID	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602,8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 C,D&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601,8010)	NUMBER OF CONTAINERS
AEI-R55-26-12			Soil								X	
AEI-R52-54-5											X	
AEI-R35-25-12											X	
AEI-R56-72-5											X	

PROJECT INFORMATION
PROJECT NAME: Vons
PROJECT NUMBER: 1290

SAMPLE RECEIPT
TOTAL # OF CONTAINERS:
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J.P. Dechaka	DAVID DUNN		
SIGNATURE: J.P Dechaka	SIGNATURE:	SIGNATURE:	SIGNATURE:
Date: 12/19/95 Time: 4:00	Date: 12/21/95 Time: 8:15 am	Date: Time:	Date: Time:
COMPANY: AEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995

PEL # 9512059

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R42-56-11

Date Sampled: Dec 18, 1995
Date Analyzed: Dec 18, 1995

Date Submitted: Dec 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	25	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995

PEL # 9512059

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R42-59-8

Date Sampled: Dec 18, 1995
Date Analyzed: Dec 18, 1995

Date Submitted: Dec 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	38	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	110	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995

PEL # 9512059

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R55-57-9

Date Sampled: Dec 18, 1995
Date Analyzed: Dec 18, 1995

Date Submitted: Dec 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	12	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	59	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995

PEL # 9512059

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R71-59-9

Date Sampled: Dec 18, 1995
Date Analyzed: Dec 18, 1995

Date Submitted: Dec 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 21, 1995

PEL # 9512059

ALL ENVIRONMENTAL, INC.

Attn: Joe

Project name: Young's

Project number: 1290

Sample I.D.: AEI-R71-55-12

Date Sampled: Dec 18, 1995
Date Analyzed: Dec 18, 1995

Date Submitted: Dec 18, 1995

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	19	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 12/18/95 PAGE: 01 OF 01

PROJECT MGR.: J. P. Rocks
COMPANY:
ADDRESS:
PHONE: — — — FAX: — — —
SIGNATURE:

ANALYSIS REPORT

PEL # 9512059
INV # 26662

SAMPLE ID	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602,8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 C,D&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601,8010)		NUMBER OF CONTAINERS
AEI R 71-54-9											X		1
AEI R 42-54-5											X		1
AEI R 71-55-2											X		1
AEI R 42-56-11											X		1
AEI R 56-57-9											X		1

PROJECT INFORMATION
PROJECT NAME::
PROJECT NUMBER:

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 05
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
SIGNATURE:	SIGNATURE: DAVID DUCAS	SIGNATURE:	SIGNATURE:
Date: 12/18/95 Time: 11:27	Date: 12/18/95 Time: 11:27	Date: Time:	Date: Time:
COMPANY: AEI	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

December 26, 1995

PEL # 9512035

ALL ENVIRONMENTAL, INC.
Project name: Young's
Sample I.D.: AEI-R60-53-8

Attn: Joe
Project number: 1290

Date Sampled: Dec 07, 1995
Date Analyzed: Dec 19-26, 1995

Date Submitted: Dec 07, 1995

Method of Analysis: EPA 8240

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Acetone	N.D.	-----
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	83.9
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	85.4
Trans-1,2-Dichloroethene	61	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	40	104.2
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	70	81.6
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	510	94.0
Benzene	N.D.	82.1
Dibromochloromethane	N.D.	-----
Toluene	N.D.	99.7
Chlorobenzene	N.D.	80.8
Ethylbenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
Dichlorodifluoromethane	N.D.	-----
Freon 113	N.D.	-----
M & P-Xylenes	N.D.	-----
O-Xylene	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	109.8

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Chain of Custody

INV # 26638X

1764 Houret Ct. Milpitas,CA.95035 Tel:408-946-9636 Fax:408-946-9663

DATE: 12/6/95 PAGE: ___ OF ___

PROJECT MGR: J. Nichols
COMPANY: AET
ADDRESS: 2641 Crow Canyon
PHONE: ___ FAX: ___
SIGNATURE: [signature]

ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline(5030.8015) w/BTEX(EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 C.D&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	CHLORINATED HYDROCARBONS (EPA 601.8010)	8240	NUMBER OF CONTAINERS
TR71-23-12	12/6	3:18	Soil								X		1
R60-61-5	12/7										X		1
R78-45-5	12/6										X		1
R33-61-5	12/7										X		1
R60-46-12	12/7										X		1
R53-26-7	12/7										X		1
R70-47-9	12/6										X		1
ER60-53-8	12/6										X		1

RUSH

Also Mr. Joe

PROJECT INFORMATION
PROJECT NAME: Foster Cleaners
PROJECT NUMBER: 1290

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 3
RECD. GOOD COND./COLD:

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
J. Nichols	DAVID DUCKE		
SIGNATURE: [signature]	SIGNATURE: [signature]	SIGNATURE:	SIGNATURE:
DATE: 12/6/95 TIME: 7:18	DATE: 12/07/95 TIME: 3:18PM	DATE: TIME:	DATE: TIME:
COMPANY: AET	COMPANY: PEL	COMPANY:	COMPANY:

American Environmental Network

Certificate of Analysis

DOHS Certification: 1172

AIHA Accreditation: 11134

ALL ENVIRONMENTAL
2641 CROW CANYON ROAD
SAN RAMON, CA 94583

ATTN: JOE DERHAKE
CLIENT PROJ. ID: -

REPORT DATE: 01/08/96

DATE(S) SAMPLED: 01/03/96

DATE RECEIVED: 01/03/96

AEN WORK ORDER: 9601026

PROJECT SUMMARY:

On January 3, 1996, this laboratory received 1 soil sample(s).

Client requested sample(s) be analyzed for organic parameters. Results of analysis are summarized on the following page(s). Please see quality control report for a summary of QC data pertaining to this project.

Samples will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Samples may be archived by prior arrangement.

If you have any questions, please contact Client Services at (510) 930-9090.

Larry Klein
Laboratory Director

ALL ENVIRONMENTAL

SAMPLE ID: AEN DUP 1
AEN LAB NO: 9601026-01
AEN WORK ORDER: 9601026
CLIENT PROJ. ID: -

DATE SAMPLED: 01/03/96
DATE RECEIVED: 01/03/96
REPORT DATE: 01/08/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
Volatile Organic Compounds	**EPA 8240**				
Acetone	67-64-1	ND	100	ug/kg	01/04/96
Benzene	71-43-2	ND	5	ug/kg	01/04/96
Bromodichloromethane	75-27-4	ND	5	ug/kg	01/04/96
Bromoform	75-25-2	ND	5	ug/kg	01/04/96
Bromomethane	74-83-9	ND	10	ug/kg	01/04/96
2-Butanone	78-93-3	ND	100	ug/kg	01/04/96
Carbon Disulfide	75-15-0	ND	10	ug/kg	01/04/96
Carbon Tetrachloride	56-23-5	ND	5	ug/kg	01/04/96
Chlorobenzene	108-90-7	ND	5	ug/kg	01/04/96
Chloroethane	75-00-3	ND	10	ug/kg	01/04/96
2-Chloroethyl Vinyl Ether	110-75-8	ND	10	ug/kg	01/04/96
Chloroform	67-66-3	ND	5	ug/kg	01/04/96
Chloromethane	74-87-3	ND	10	ug/kg	01/04/96
Dibromochloromethane	124-48-1	ND	5	ug/kg	01/04/96
1,1-Dichloroethane	75-43-3	ND	5	ug/kg	01/04/96
1,2-Dichloroethane	107-06-2	ND	5	ug/kg	01/04/96
1,1-Dichloroethene	75-35-4	ND	5	ug/kg	01/04/96
cis-1,2-Dichloroethene	156-59-2	ND	5	ug/kg	01/04/96
trans-1,2-Dichloroethene	156-60-5	ND	5	ug/kg	01/04/96
1,2-Dichloropropane	78-87-5	ND	5	ug/kg	01/04/96
cis-1,3-Dichloropropene	10061-01-5	ND	5	ug/kg	01/04/96
trans-1,3-Dichloropropene	10061-02-6	ND	5	ug/kg	01/04/96
Ethylbenzene	100-41-4	ND	5	ug/kg	01/04/96
2-Hexanone	591-78-6	ND	50	ug/kg	01/04/96
Methylene Chloride	75-09-2	ND	20	ug/kg	01/04/96
4-Methyl-2-pentanone	108-10-1	ND	50	ug/kg	01/04/96
Styrene	100-42-5	ND	5	ug/kg	01/04/96
1,1,2,2-Tetrachloroethane	79-34-5	ND	5	ug/kg	01/04/96
Tetrachloroethene	127-18-4	160 *	5	ug/kg	01/04/96
Toluene	108-88-3	ND	5	ug/kg	01/04/96
1,1,1-Trichloroethane	71-55-6	ND	5	ug/kg	01/04/96
1,1,2-Trichloroethane	79-00-5	ND	5	ug/kg	01/04/96
Trichloroethene	79-01-6	ND	5	ug/kg	01/04/96
Vinyl Acetate	108-05-4	ND	50	ug/kg	01/04/96
Vinyl Chloride	75-01-4	ND	10	ug/kg	01/04/96
Xylenes Total	1330-20-7	ND	10	ug/kg	01/04/96

ND = Not detected at or above the reporting limit
* = Value at or above reporting limit

AEN (CALIFORNIA)
QUALITY CONTROL REPORT

AEN JOB NUMBER: 9601026

CLIENT PROJECT ID: -

Quality Control and Project Summary

All laboratory quality control parameters were found to be within established limits.

Definitions

Laboratory Control Sample (LCS)/Method Spike(s): Control samples of known composition. LCS and Method Spike data are used to validate batch analytical results.

Matrix Spike(s): Aliquot of a sample (aqueous or solid) with added quantities of specific compounds and subjected to the entire analytical procedure. Matrix spike and matrix spike duplicate QC data are advisory.

Method Blank: An analytical control consisting of all reagents, internal standards, and surrogate standards carried through the entire analytical process. Used to monitor laboratory background and reagent contamination.

Not Detected (ND): Not detected at or above the reporting limit.

Relative Percent Difference (RPD): An indication of method precision based on duplicate analysis.

Reporting Limit (RL): The lowest concentration routinely determined during laboratory operations. The RL is generally 1 to 10 times the Method Detection Limit (MDL). Reporting limits are matrix, method, and analyte dependent and take into account any dilutions performed as part of the analysis.

Surrogates: Organic compounds which are similar to analytes of interest in chemical behavior, but are not found in environmental samples. Surrogates are added to all blanks, calibration and check standards, samples, and spiked samples. Surrogate recovery is monitored as an indication of acceptable sample preparation and instrumental performance.

D: Surrogates diluted out.

#: Indicates result outside of established laboratory QC limits.

QUALITY CONTROL DATA

METHOD: EPA 8240

AEN JOB NO: 9601026
INSTRUMENT: 13
MATRIX: SOIL

Surrogate Standard Recovery Summary

Date Analyzed	Client Id.	Lab Id.	Percent Recovery 1,2-Dichloroethane-d_4	Toluene-d_8	p-Bromofluorobenzene
01/04/96	AEN DUP 1	01	107	81	111
QC Limits:			70-121	81-117	74-121

DATE ANALYZED: 12/27/95
SAMPLE SPIKED: 9512361-13
INSTRUMENT: 13

Matrix Spike Recovery Summary

Analyte	Spike Added (ug/kg)	Average Percent Recovery	RPD	QC Limits Percent Recovery	QC Limits RPD
1,1-Dichloroethene	50	128	12	59-155	25
Trichloroethene	50	101	7	71-157	25
Benzene	50	108	1	37-151	25
Toluene	50	93	2	47-150	25
Chlorobenzene	50	98	4	37-160	25

Daily method blanks for all associated analytical runs showed no contamination at or above the reporting limit.

*** END OF REPORT ***

ALL ENVIRONMENTAL, INC.
2641 Crow Canyon Road, Ste. 5
San Ramon, CA 94583
(510) 820-3224 FAX: (510) 838-2687

Chain of Custody

9601026 R-7-S-A

DATE: _____ PAGE: _____ OF: _____

AEI PROJECT MANAGER: Joe Verhake
PROJECT NAME: _____
PROJECT NUMBER: _____
SIGNATURE: _____
TOTAL # OF CONTAINERS: 1
RECD. GOOD COND./COLD: _____

ANALYSIS REQUEST

SAMPLE I.D.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5090.8015)	TPH-Gasoline (EPA 5090.8015) w/ BTEX (EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5520 E&F)	TOTAL LEAD (AA) (EPA 7420)	VOLATILE ORGANIC COMPOUNDS (EPA 8240)	LUFT Metals (EPA 7190,7190,7420,7580,7950)	STLC CAM 17 (EPA 1310/6010)	RCI REACTIVITY, CORROSIVITY, IGNITABILITY (Title 22, CCR 66261.21-3)			NUMBER OF CONTAINERS
AEN Dup 1	1/3/96	3:00 pm								X						1

DIA

ANALYTICAL LAB: Amer. Environ Net
ADDRESS: 3440 Vincent Rd
Pleasant Hill 94523
PHONE: ( ) 930-9090 FAX: ( ) _____

INSTRUCTIONS/COMMENTS:
Rush

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Signature	Signature	Signature	Signature
Bryan Campbell	Lori L. Pauli		
Printed Name	Printed Name	Printed Name	Printed Name
AEI	AEN		
Company	Company	Company	Company
Time 5:30 Date 1/3/96	Time 1730 Date 1-3-96	Time _____ Date _____	Time _____ Date _____

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

January 06, 1996 PEL # 9601010

ALL ENVIRONMENTAL, INC. Attn: Joe

Project name: Young's Project number: 1290

Sample I.D.: PEL Dup. 1

Date Sampled: Jan 04, 1996 Date Submitted: Jan 04, 1996
Date Analyzed: Jan 04-05, 1996

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	94.1
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	18	94.3
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	39	90.7
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	79	105.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	83.3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

Chain of Custody

ALL ENVIRONMENTAL, INC.
2641 Crow Canyon Road, Ste. 5
San Ramon, CA 94583
(510) 820-3224 FAX: (510) 838-2687

PEL # 9601010

INV # 26701

DATE: _____ PAGE: _____ OF: _____

AEI PROJECT MANAGER: Joe Derhake
PROJECT NAME: Young's
PROJECT NUMBER: 1290
SIGNATURE: _____
TOTAL # OF CONTAINERS: 1
RECD. GOOD COND./COLD: _____

ANALYSIS REQUEST

SAMPLE I.D.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030/8015)	TPH-Gasoline (EPA 5030/8015) w/ BTEX (EPA 602/8020)	TPH-Diesel (EPA 3510/3550/8015)	PURGEABLE AROMATICS BTEX (EPA 602/8020)	TOTAL OIL & GREASE (EPA 5520 E&F)	TOTAL LEAD (AA) (EPA 7420)	VOLATILE ORGANIC COMPOUNDS (EPA 8240)	LUFT Metals (EPA 7190,7190,7480,7580,7950)	STLC CAM 17 (EPA 1310/6010)	RCI REACTIVITY, CORROSIVITY, IGNITABILITY (Title 22, CCR 66261.21-5)	8010 Chlorinated Hydrocarbons	NUMBER OF CONTAINERS
PEL DUP 1	1/4/96													X	1

ANALYTICAL LAB: Priority Environmental Lab
ADDRESS: 1764 Houret Ct
Milpitas, CA 95035
PHONE: (408) 946-9636 FAX: (408) 946-9663

INSTRUCTIONS/COMMENTS: Rush 3 day

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Signature	Signature	Signature	Signature
Bryan Campbell	DAVID DUONG	Printed Name	Printed Name
Printed Name	Printed Name	Company	Company
AEI	PEL	Time _____ Date _____	Time _____ Date _____
Company	Company		
Time 8:45 Date 1/4/96	Time 8:40 AM Date 01/04/96		

APPENDIX B

SOIL SCREENING DATA

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
10/12/95	80 10 4	150	Gray
	80 10 4	100	
10/13/95	60 12 4	8	Gray
	50 12 4	6	
	60 12 4	110	
10/16/95	40 2 4	NA	D. Gray
	50 2 4	20	
	60 2 4	85	
	70 2 4	20	
	80 2 4	120	
	90 2 4	80	
	40 2 8	<1	Brown
	50 2 7	5	
	60 2 6	6	
	70 2 7	6	
	80 2 2	10	
	90 2 2	<5	
	95 5 2	10	Brown
	95 5 4	10	Gray
	95 10 2	10	Brown
	95 10 7	10	Gray
	95 15 2	7	Brown
	95 15 4	120	Gray
10/17/95	40 15 6	180	Gray
	85 10 6	100	Brown seal/Gray
	85 10 6	290	Gray
	60 2 4	150	
	96 5 4	100	
	96 15 4	500	
	80 5 15	50	Brown
	96 8 8	80	Gray

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
10/18/95	30 17 2	50	
	40	1500	
	50	3000	
	60	200	
	70	2000	
	80	3000	
	90	2000	
	30 17 4	100	
	40	50	
	50	600	
	60	70	
	70	80	
	80	2000	
	90	200	
	85 12 7	90	
	85 6 7	150	
	70 12 7	250	
	70 6 7	400	
	55 3 7	20	
	90 6 12	40	
	80 10 12	60	

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
10/14/95	70 4 12	50	Brown
	70 8 12	70	
	70 4 9	50	
	70 8 9	40	"
	60 4 12	25	
	60 8 12	7	
	60 4 9	30	Grey
	60 8 9	30	Grey
	50 4 12		
	50 8 12	25	Grey
	50 4 9	25	Grey
	50 8 9		
10/20/95	1 15 4	0	Suspect FID is not reading correctly
	1 15 4	0	
	50 8 12	.5	
	80 02 8	5	
	50 12 8	2	
	40 10 12	.5	
	40 10 12	9	
	New FID		
10/23/95	40 4 6	150	Grey
	80 4 6	150	"
10/24/95	70 24 4	350	Grey
	70 24 6.5	350	"
	70 28 6.5	70	"
10/27/95	75 -1 8	50	Above Pipe
	75 -1 5	50	Near Pipe
	75 -1 9	50	Below Pipe
	75 -1 8	80	Near Pipe

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION			LEVEL	COMMENT
10/26	-3	30	4	1	Gray
	5	↓	7	3	↓
	9		95	2	
	20		10	40	
	20		5	60	
	2	40	5	0	↓
	12	12	10	200	Brown
	25	18	12	80	Brown
	10	10	10	0	
	12	10	↓	0	
	10	20		0	
	12	30	↓	0	
	15	20	12	15	
	5	30	12	0	
	2	40	6	15	
	20	30	12	0	
	5	29	12	0	
	6	28	12	0	
	-1	38	5	40	
	9	30	9	1	
	11	30	10	5	

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
10/27/95	10 10 5	0	
	10 20 5	0	
	20 10 5	50	
	20 20 5	20	
11/1/95	30 22 8	40	
	30 22 5	15	
	28 20 4	20	
	28 23 4	100	
	30 24 4	25	
	30 26 4	200	
11/6/95	28 18 11	60	Room
	29 15 11	70	
	28 22 11	55	
	30 23 11	80	
	27 30 8	400	Gray
	27 30 4	50	
	28 25 13	60	
	26 29 13	280	
	30 29 14	500	
	27 27 14	15	
	27 27 14	35	
	26 30 15	50	
	26 30 15	150	
	26 30 15	130	
	26 28 15	—	
	28 26 16	4	
	27 28 16	6	
	27 30 16	40	

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
~~10/3~~			
10/30/95	80 26 6	200	
~~10/3~~	74 20 9	4	
	76 20 12	8	
	74 23 12	10	
	77 22 6	190	
	77 24 10	2	
	77 27 8	7	
	75 32 6	100	
	71 20 12	8	
10/3	71 30 9	10	Gray
	74 22 9	10	Gray
	74 18 12	15	Brown
	30 19 3	550	
	40	20	
	50	300	
	60	350	
	70	600	
	80	500	

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
11/7/95	22 30 6	20	Gray
	25 ↓ ↓	200	↓
	27 ↓ ↓	200	↓
11/9/95	61 37 5	110	Brn
	84 32	300	
	57 24	150	
	57 30 ↓	80	↓
	84-24-6	300	Gray
8/11-24-6	89-28-6	140	↓
8/14-20-6			
	55 36 5	210	Gray
	56 36 5	500	↓
11/9/95	50 19 8	3	Gray
	49 19 8	20	↓
8/5 22 8/11	65 22 5	5	Gray
8/14 20 6	54 21 8	5	↓
11/13/95	34 18 6	80	Gray
	18 4	70	
	19 6.5	25	
	19 10	10	
	↓ 22 7	10	
	36 25 8	50	↓ Hard Layer
	20-37 6	850	Gray Hard Layer
11/14/95			

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
11/14/96	68 22 4	15	Gray
	68 21 8	20	
	35 22 8	35	
	68 19 8	15	
	68 19 4	15	
	40 30 5	350	Gray
	30 6	500	
	42 6	300	
	42 5	600	
11/24/96	65 36 11	20	Brown
	50 36 11	10	Brown
	65 39 8	20	Gray
	55 39 6	20	
	70 36 8	10	
	65 32 8	5	
	55 32 8	5	
	48 36 7	10	
11/30/96	37 32 12	20	Gray (Cold Day)
	34 40 4	20	
	38 32 4	15	
12/1/96	32 51 8	20	Gray (Cold Day)
	52 51 8	20	
	70 51 8	30	
12/4/96	24 46 14	5	Brown
	24 40 14	25	"
	27 42 10	8	Gray
	24 48 10	7	"

All Environmental, Inc
2641 Crow Canyon Road
Suite 5
San Ramon, California 94583

Date	SAMPLE LOCATION	LEVEL	COMMENT
12/5/95	37 50 12	10	(cold Dup)
	52 54 12	20	
	38 50 5	150	
	39 52 9	25	
	53 52 9	NR	
12/6/95	70 22 10	10	Grey
	71 22 12	10	Brn
		1	
12/7/95	58 44 12	10	Brn
	69 46 12	5	"
	65 52 8	15	Grey
	71 46 8	20	Grey
	71 44 9	10	Grey

APPENDIX C

TURNER'S FIRST METHOD STATEMENT

PROJECT: Shoring Design
Contaminated Soil Removal
Foothill Square Shopping Center
Oakland, CA
Jay-Phares Corporation

METHOD STATEMENT:

Refer to Sheet 3 of 5 in the shoring design drawings for sequencing of areas to be excavated, with Area 'A' being the first to be excavated and 'B' the second, etc. This is a recommended sequencing which the contractor can alter to suit his needs. However, the support for the existing footings, columns, beams and trusses must be followed unless the engineer approves changes in writing.

Initially, remove the concrete and soil to a depth of 4' below the top of the existing concrete slab for Areas A, B, L, and M; this should be the bottom of footing level for the existing concrete columns and the steel column in the northeast corner of the drawing. Contractor should verify that removal to this depth won't restrict his truck access. The continuous footing along column line 2/L should be removed 2' west of the existing W6x20 steel column over to the edge of the footing for the concrete column. Do not undermine the W6x20 column when removing the 4' of material. Also, the slab and soil can be removed to a depth of 2'-3" from the top of the existing slab for Areas C through K and for the area to the adjacent west that the contractor requires to provide access for his backhoe bucket under the footings. This depth should be the same level as the bottom of the continuous footing for the precast panels.

Next, Area A (8' wide trench) shall be excavated working from north to south. The footing for the steel column must be shored per Detail C/1/4 as the excavation proceeds. Prior to starting Area B, the contractor shall install the supports for the concrete columns per Detail B/1/2. Then the 8' wide trench for Area B shall be removed per the plans (commencing after Area A has been backfilled). Note, the trench must be supported per the note on sheet 3 of 5 on the eastern face of each of the three concrete columns.

After Area B has been backfilled, contractor shall install the two temporary truss supports per Detail A/1/2. Remove the supports for the concrete columns temporarily. Sequentially excavate for Area F, G, H, I, J, and K. For each area, install two trench shores running north-south to brace the soil under the existing column footing identical to Detail B/1/2. Areas F and I could be excavated simultaneously, but not Areas F and G or F and H. Note, the contractor will have to excavate these areas from both sides of the precast concrete panels; he will have to excavate beyond the limits shown on the drawings to provide access for his backhoe bucket to get under the footings. Note, Areas F through K must be installed prior to C, D, and E due to pea gravel fill under C, D, and E.

After Areas F through K have been excavated and backfilled, the contractor shall reinstall the supports for the concrete columns and proceed with the excavation under the column footings. In accordance with the details, it is critical that he excavate only 3 1/2 feet under the bottom of the footing and then install two trench shores with plywood per the plan. Then excavate an additional 3 1/2 feet and install the next two shores, etc.

For Areas C, D, and E, the contractor shall place structural backfill at 95% minimum compaction to a level as high as is possible under the footing. At that point continue the backfill with a self-compacting material such as pea gravel to within three feet of the bottom of the footing. A controlled density fill (CDF) will be placed under the footing for the final three feet. Note, it is preferable to use the CDF in lieu of the pea gravel if it is not too costly. Prior to placing the CDF, structural backfill shall be placed to the top of the column footing level on all four sides of the footing as close to the footing as is

Exhibit "C-1"

Pg 1 of 19

practical. Then the CDF shall be place under the footing and around the footing to a level at least one foot above the bottom of the footing; install the CDF in accordance with the manufacturer's recommendations. The CDF shall be a minimum design strength of 200 psi and shall attain at least 50% of its design strength prior to removing the column and truss supports. Consult with the concrete batch plant to ascertain their recommendation for the time to attain this strength.

END

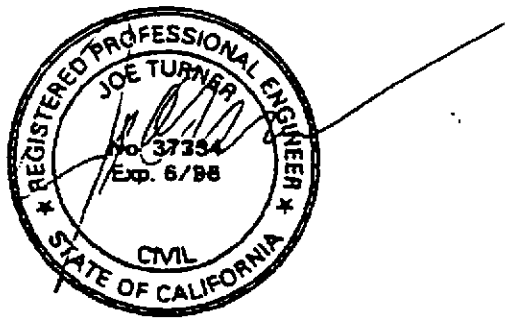


Exhibit "C-1"

Pg 2 of 17

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 526-4505

SUBJECT Shoring Design — Foothill Center — Jay-Phares

SHEET NO. 1 OF 10
BY ____ DATE 8-31-95
CHKD BY ____ DATE ____

REGISTERED PROFESSIONAL ENGINEER * JOE TURNER * No. 37236 Exp. 6/96 CIVIL STATE OF CALIFORNIA

SHORING DESIGN:

Contractor needs to remove contaminated soil from within & outside the building. Design shoring using hydraulic trench shores. Three columns will be undercut & must be supported. Also, a column on the east wall must be supported as the trench is about 3' away from the footing.

Compute the load on the worst case column which would be on column line 2/G; this is the worst case of the three as the Mezzanine to the east is connected to this truss. Actually, this is not the worst case as remodel work in 1964 substantially cut down the roof area this truss supports. The column at 2/J is the worst case.

Column @ 2/J: (Eastern H&H)

Above Truss:

ST 6 × 13.5	(13.5 lb/ft)(25')(3)(½)	= 506
W 16 × 36	(36)(24)(4)(½)	= 1728
2"×12"	(32 pcf)(2/12)(12/12)(24½')(70)	= 9147
½" plywood	(2 psf)(24½')(91')	= 4459
ST 9 × 27.5	(27.5)(91')	= 2503
L 2½"×2½"×¼"	(4.1)(8')(2)(16)	= 1050
L "	(4.1)(4½)(2)(17)	= 627
ST 10 × 34	(34)(91')	= 3094

23,114 #

EXHIBIT "C-1"
PG 3 of 19

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Wall — Foothill Center — Jay Phares

SHEET NO. 2 OF 10 BY ____ DATE 8-31-95 CHKD BY ____ DATE ____

½ of this to the column

$\frac{1}{2}(23{,}114^{\#}) = 11{,}557^{\#}$

Western Half:

W 21×55	$(55)(40')(\frac{1}{2})$	= 1100
2" × 12"	$(32)(\frac{2}{12})(\frac{12}{12})(24\frac{1}{2}')(31)(\frac{1}{2})$	= 2025
½ ply	$(2\,psf)(24\frac{1}{2}')(40')(\frac{1}{2})$	= 980
		4105 #

Add 10% for suspended ceiling & misc.

$(10\%)(11{,}557 + 4105) = 1566^{\#}$

Add weight of column and footings:

$(\frac{12"}{12})(\frac{12"}{12})(18')(150\,pcf) = 2700$

$(4')(4')(\frac{20}{12})(150) = 4000$

Also, support 4' of spread footing plus precast panel

$(4')(1.5')(1.25')(150) = 1125$

$(4')(0.5)(21')(150) = 6300$ ____ #

Exhibit "C-1" Page 4 of 19

J.M. TURNER ENGINEERING, I
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Re
Foothill Center
Jay - Phases

SHEET NO. 3 OF 10
BY ____ DATE 8-31-95
CHKD BY ____ DATE ____

Total Dead Weight:

11,557
4,105
1,566
14,125
31,353 #

Add in live load:

$A_1 = (24\frac{1}{2}')(91')(\frac{1}{2}) = 1115$

$A_2 = (24\frac{1}{2}')(70')(\frac{1}{2}) = 490$

1605 sf

Per UBC, LL = 12 psf

(1605 sf)(12 psf) = 19,260 #

Total Load - Concrete column:

W = 31,353
19,260
50,613 #

Exhibit "C-1"
Pg 5 of 19

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Design — Foothill Center — Jay - Phares

SHEET NO. 4 OF 10 — BY ____ DATE 8-31-95 — CHKD BY ____ DATE ____

Steel Column @ East Wall :

W 18 × 45	(45)(15')	= 675
"	(45)(12')	= 540
W 10 × 21	(21)(33')	= 693
2" × 12"	$(32)\left(\frac{2}{12}\right)\left(\frac{12}{12}\right)(11')(6)$	= 352
"	" " "	(4½')(8) = 192
W 14 × 30	(30)(12')	= 360
W 12 × 27	(27)(15')	= 432
2" × 12"	$(32)\left(\frac{2}{12}\right)\left(\frac{12}{12}\right)(21')(10)$	= 1120
½" ply	(2 psf)(21')(12')	= 504
		4868 #
Add 10%		487
		5355 #

Add live load :

Eq. Room : A = (4.2')(9.5') + (11')(12.5') = 177 sf

Roof : A = (21')(12') = 252 sf

W_L = (252 sf)(16 psf) + (177)(150 psf)

W_L = 30,582

4'×9'×(20/12)×150	= 9000
2'×2'×(1.5)×150	= 900
W 12×53 : (53)(26')	= 1378
	11,278
add 10%	1,128
	12,406 #

Column + Footing Wt.

Total Weight - Steel Column :

	12,406
W =	30,582
	5,355
★★	48,343 #

Design "E" Loads

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Design — Foothill Center — Jay Phases
SHEET NO. 5 OF 10
BY ____ DATE 8-31-95
CHKD BY ____ DATE ____

Wt. on eastern column: $\left[1.1(11,557) + \frac{14,125}{2} + \frac{1115}{1605}(19,260)\right] = 33,155^{\#}$

Design support for concrete column:

Try 12" x 12" timber column (2 - one each side of conc. column)

$f_a = \frac{33,155}{12 \times 12} = 230$ psi

$F_a = \frac{480,000}{\left(\frac{13' \times 12}{12}\right)^2} = 2840$ psi ; 1600 psi is max per code

$f_a = 351 < F_a = 1600$ psi OK

Note, we'll actually have 2 supports for redundancy, so actual load is only ½ this.

Check timber beam on slab ← Cannot use timber as the horizontal shear stress will be exceeded (try a 12" steel beam)

$l = 8'$ clear

$M = \frac{Pl}{4}$

$M = \frac{(33,155^{\#})(8')}{4}$

$M = 66.3^{k \cdot ft}$

$S = \frac{(66.3^{k \cdot ft})(12^{in/ft})}{(23.8\ ksi)}$

$S = 33.4.\ in^3$

Exhibit "C-1"
pg 7 of 19

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Units — Foothill Center — Jay-Phares

SHEET NO. 6 OF 10

BY ____ DATE 8-31-95

CHKD BY ____ DATE ____

Use HP 12 × 53

$S = 66.8 \text{ in}^3 > 33.4$ OK

Check bearing on concrete slab:

$W = 33{,}155^{\#} \div 2 = 16{,}578^{\#}$ (2 ends of beam)

$A = 12" (4')(12) = 576 \text{ in}^2$

$f_a = 29 \text{ psi}$ (negligible) $= 4140 \text{ psf}$

The entire area will be excavated to a depth 2'-3" below the top of concrete slab which is at the level of the bottom of grade beam. Place the beam on a 12" × 12" timber pad. (2' long each)

Calculate the lateral load due to the steel column at the east wall on the shoring.

$W = 48{,}343^{\#}$

Use $K_A = 0.30$ for a stiff clay

$P_A = K_A \times$ Overburden pressure

$$\frac{48{,}343 \text{ lbs.}}{9' \times 1'} (0.30)$$

$P_A = 1611 \text{ psf}$

EXHIBIT "C1"
P98 OF 17

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Design — Foothill Center — Jay-Phares

SHEET NO. 7 OF 10 BY ____ DATE 8-3-95 CHKD BY ____ DATE ____

1611 psf 4' below

Add earth pressure: (to 20' depth)

$P_A = K_A \gamma H$ (for stiff clay)

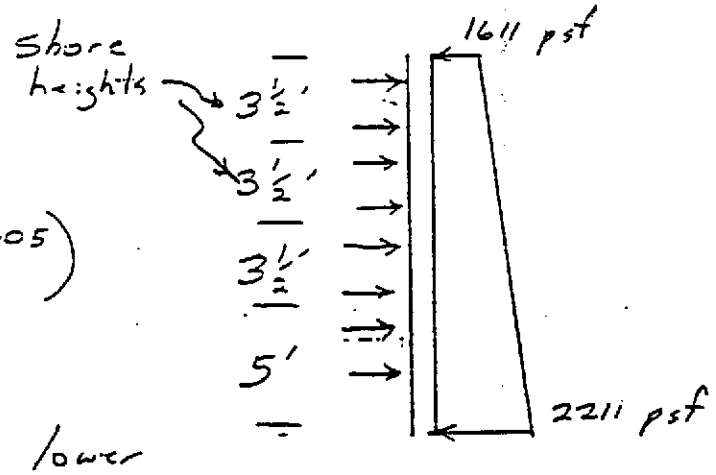
$P_A = (0.30)(125)(16')$

$P_A = 600$ psf

$P_T = 600 + 1611$

$P_T = 2211$ psf

Try two trench shores under footing + check that the hydraulic jacks aren't overloaded



Check bottom jack:

$(3\frac{1}{2}')(5\frac{1}{2}')\left(\frac{2211 + 2005}{2}\right)$

$F = 40,579$ lbs

Two shores — each lower jack will take ½

$F' = 40,579\left(\frac{1}{2}\right)$

$F = 20,290$ lbs < 23,000 lbs (jacks rated allowable)

OK

EXHIBIT "C-1"

9 of 19

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Design — Foothill Center — Jay-Pharris

SHEET NO. 8 OF 10

BY _____ DATE 8-31-9_

CHKD BY ___ DATE _____

Normal spacing of trench jacks @ 20' cut. depths, use 4' on centers. Normally plywood should not be required for this type of soil.

When excavating trench 'B', install the column supports first for added safety; install 2 trench at column base similar to that for the steel column.

Use 200 psi controlled density fill (28,800 pst);

Bearing on footing:

$$P = [(1.4)(31,353) + (1.7)(19,200)] \div 16 \text{ sf}$$

$$P = 4790 \text{ psf}$$

Use factor of safety of 3

$$3 \times (4790) = 14,370$$

14,370 pst is ½ of 28,800 psf.

therefore, supports can be removed when it's reached ½ the design strength of 200 psi

Exhibit "C-1"

Pg 10 of 19

J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Design; Foothill Center; Jay-Phares

SHEET NO. 9 OF 10

BY ____ DATE 8-31-95

CHKD BY ____ DATE ____

Calculate the timber bearing pad required for the redundant column support:

$W = 31,353^{\#}$

Try 4' x 4' pad with 12" corbel

$P = \frac{31,353}{4} = 7838\ ^{lb}/_{board}$

$w = \frac{7838}{4'} = 1960\ ^{lb}/_{ft}$

$\ell = 1.5'$

See if corbel is the worst case

$w' = 7838\ ^{lb}/_{ft}$

$\ell = 1.5'$

$S = \frac{bd^2}{6}$

it is

$S = \frac{12(12)^2}{6} = 288\ in^3$

$M = \frac{w\ell^2}{2}$

$M = \frac{7838(1.5)^2}{2} = 8818^{\ lb\text{-}ft}$

$f_b = \frac{8818^{\ lb\text{-}ft}\left(12\ ^{in}/_{ft}\right)}{288} = 367\ psi$

EXHIBIT "C-1"
PAGE 11 of 19

$f_b = 367\ psi < F_b = 1800\ psi$ ok

J.M. TURNER ENGINEERING
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT Shoring Design — Foothill Center — Jay-Phares

SHEET NO. 10 OF 10

BY _____ DATE 5-31-

CHKD BY ___ DATE _____

We're using the same bearing area as concrete footing, so don't need to check for soil bearing pressure.

— END OF CALC —

Exhibit "C-1"
Pg 12 of 19

MANUFACTURERS TABULATED DATA

TYPE A-25 SOIL				
DEPTH (FT)	SOIL LOADING (PSF)	HORIZONTAL SPACING (FT) WIDTH 0 TO 8'	WIDTH 8' TO 12'	WIDTH 12' TO 15'
0-6	232	8.0	8.0	8.0
6-8	272	8.0	8.0	8.0
8-10	322	8.0	8.0	8.0
10-12	372	8.0	8.0	8.0
12-14	422	8.0	8.0	
14-16	472	8.0	6.0	
16-18	522	6.0	4.0	
18-20	572	6.0	4.0	
20-25	697	4.0	4.0	
MAXIMUM CYLINDER LOADING		23,000#	18,000#	18,000#

* REQUIRES 3" X 3" X 3/16" STEEL OVERSLEEVE.

TYPE B-45 SOIL				
DEPTH (FT)	SOIL LOADING (PSF)	HORIZONTAL SPACING (FT) WIDTH 0 TO 8'	WIDTH 8' TO 12'	WIDTH 12' TO 15'
0-6	342	8.0	8.0	8.0
6-8	432	8.0	8.0	8.0
8-10	522	8.0	8.0	8.0
10-12	612	6.0	6.0	6.0
12-14	702	6.0	4.0	
14-16	792	4.0	4.0	
16-18	882	4.0	4.0	
18-20	972	4.0	4.0	
MAXIMUM CYLINDER LOADING		23,000#	18,000#	18,000#

* REQUIRES 3" X 3" X 3/16" STEEL OVERSLEEVE.

NOTES:

1. SOIL TYPE TO BE DETERMINED BY COMPETENT PERSON.
2. S = HORIZONTAL SPACING CENTER TO CENTER.
3. SPACING CHARTS ARE BASED ON SOIL TYPES AS DEFINED IN OSHA, CFR 29, SUB-PART P, MARCH 1992, AND CAL OSHA SAFETY ORDERS TITLE 8 SECTIONS 1504, 1539-1547. SOIL CONDITIONS ARE TO BE DETERMINED BY COMPETENT PERSON PERSON AT THE SITE AS THEY ARE ENCOUNTERED. ALLOWABLE CYLINDER LOADING IS NOT TO BE EXCEEDED.
4. PLYWOOD IS TO BE 1-1/8" APA RATED STURDY FLOOR OR, 3/4" THICK 14 PLY FIN FORM PLYWOOD OR, 1" STEEL PLATE, IS FOR RAVELING AND SHOUGHING ONLY. IT MAY BE REQUIRED IN ANY TYPE SOIL AND MUST BE USED IN TYPE C-60 AND GREATER SOIL OVER 8' DEEP.
5. TYPE C-60 SOIL IS SOIL WITH AN UNCONFINED COMPRESSIVE STRENGTH OF LESS THAN .5 TSF AND NON COHESIVE MATERIAL THAT IS FULLY DEWATERED. IT MUST BE ABLE TO STAND LONG ENOUGH FOR SHORING TO BE INSTALLED.
6. SHORING MUST BE INSTALLED PRIOR TO ENTERING TRENCH.
7. THERE MUST BE AT LEAST 3 COLUMNS OF SHORING IN THE TRENCH AT ALL TIMES. AT THE HORIZONTAL SPACING INDICATED, (OR LESS), TO FORM A SHORING SYSTEM. IN TRENCHES OVER 12 FEET DEEP, AND IF POSSIBLE, A MINIMUM OF 4 SHORES SHOULD BE USED. FOR EXCAVATIONS THAT ARE TO SHORT TO PLACE 3 OR 4 SHORES AT THE REQUIRED SPACING, THERE SHALL BE 2 SHORES, 1 EACH WITHIN 2 FEET 6 INCHES OF THE ENDS OF THE EXCAVATION.
8. SPACING CHARTS ALLOW FOR SURCHARGE LOADING FROM EQUIPMENT WEIGHING 20,000 LB AND LESS. FOR LARGER EQUIPMENT THE SURCHARGE LOADING SHOULD BE INCREASED AS DETERMINED BY A REGISTERED CIVIL ENGINEER.
9. NO VERTICAL LOADS ARE TO BE APPLIED TO THE SHORES.
10. TRENCH WALLS ARE TO BE VERTICAL, PARALLEL AND WITHOUT VOIDS BEHIND THE CYLINDERS.
11. SPOILS AND WHEEL LOADS ARE TO BE KEPT A MINIMUM OF 2 FEET AWAY FROM THE EDGE OF THE TRENCH.
12. SHORE LOADING SHALL BE DETERMINED FROM THE DEPTH OF THE EXCAVATION AND NOT FROM THE LOCATION OF THE CYLINDERS.

    TRENCHES LESS THAN 5' DEEP MAY REQUIRE SHORING.
14. FOR VERTICAL SPACING THERE MUST BE A CYLINDER WITHIN 4' OF THE BOTTOM OF THE EXCAVATION & 2' OF THE TOP OF THE EXCAVATION.

TYPE C-60 SOIL			
DEPTH (FT)	SOIL LOADING (PSF)	HORIZONTAL SPACING (FT) WIDTH 0 TO 8'	WIDTH 8' TO 12'
0-6	432	6.0	6.0
6-8	552	6.0	6.0
8-10	672	6.0	4.0
10-12	792	5.0	4.0
12-14	912	4.0	4.0
14-16	1032	4.0	4.0
16-18	1152	4.0	4.0
18-20	1272	4.0	4.0
		PLYWOOD OPTIONAL TO 8' DEEP.	PLYWOOD OPTIONAL TO 8' DEEP.
		MUST USE PLYWOOD AFTER 8' DEPTH.	MUST USE PLYWOOD AFTER 8' DEPTH.
MAXIMUM CYLINDER LOADING		23,000#	18,000#

* REQUIRES 3" X 3" X 3/16" STEEL OVERSLEEVE.

Exhibit "C-1"

TITLE:
HEAVY DUTY VERTICAL RAIL

Quik-Shor

BUILT BY WESTAR

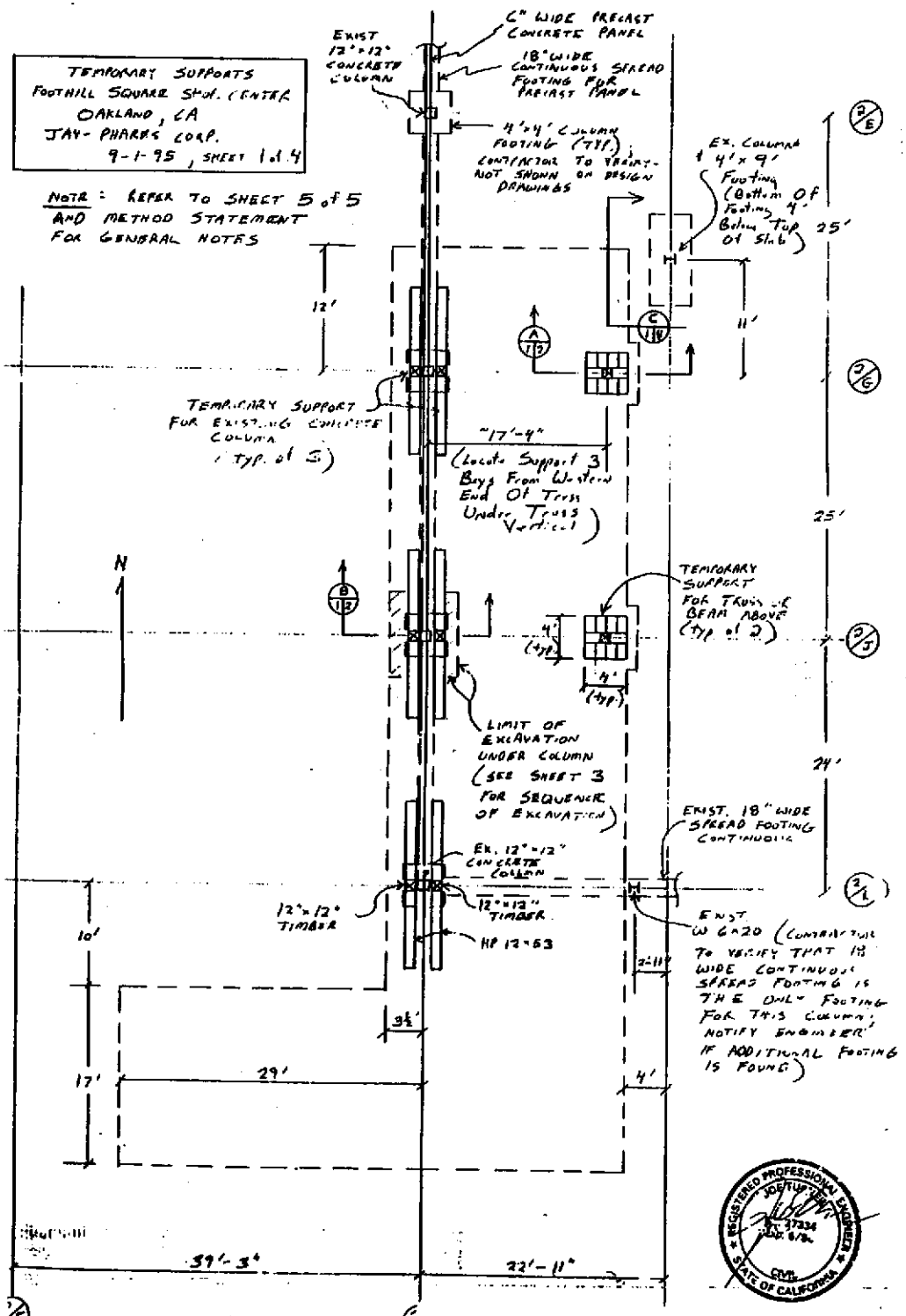
24-HOUR EMERGENCY 1-800-321-5550 NORTH
1-800-621-4478 SOUTH

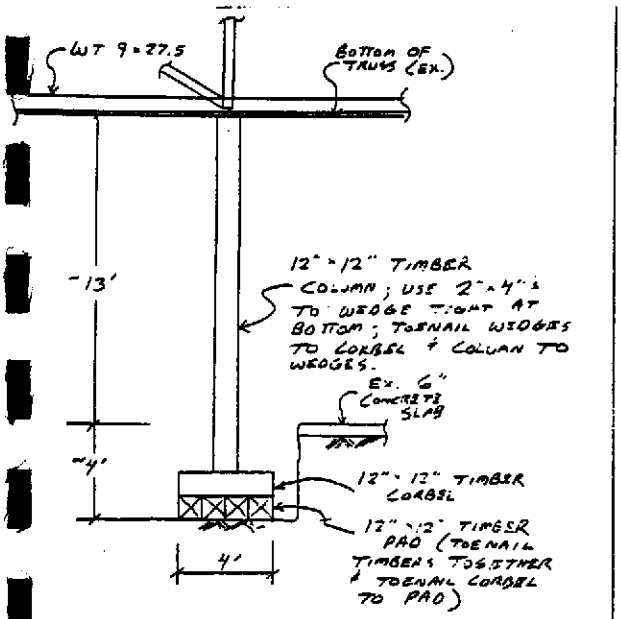
DATE: 8/11/95	DRAWN BY: L.L.D./A.E.B.	JOB NO: QS-MTD4
REV.		

J.M. TURNER ENGINEERING, INC.
CONSULTING ENGINEERS
130 A [illegible] SANTA ROSA, CA
(707) 526-1563 FAX (707) 523-1565

TEMPORARY SUPPORTS
FOOTHILL SQUARE SHOP. CENTER
OAKLAND, CA
JAY-PHARES CORP.
9-1-95, SHEET 1 of 4

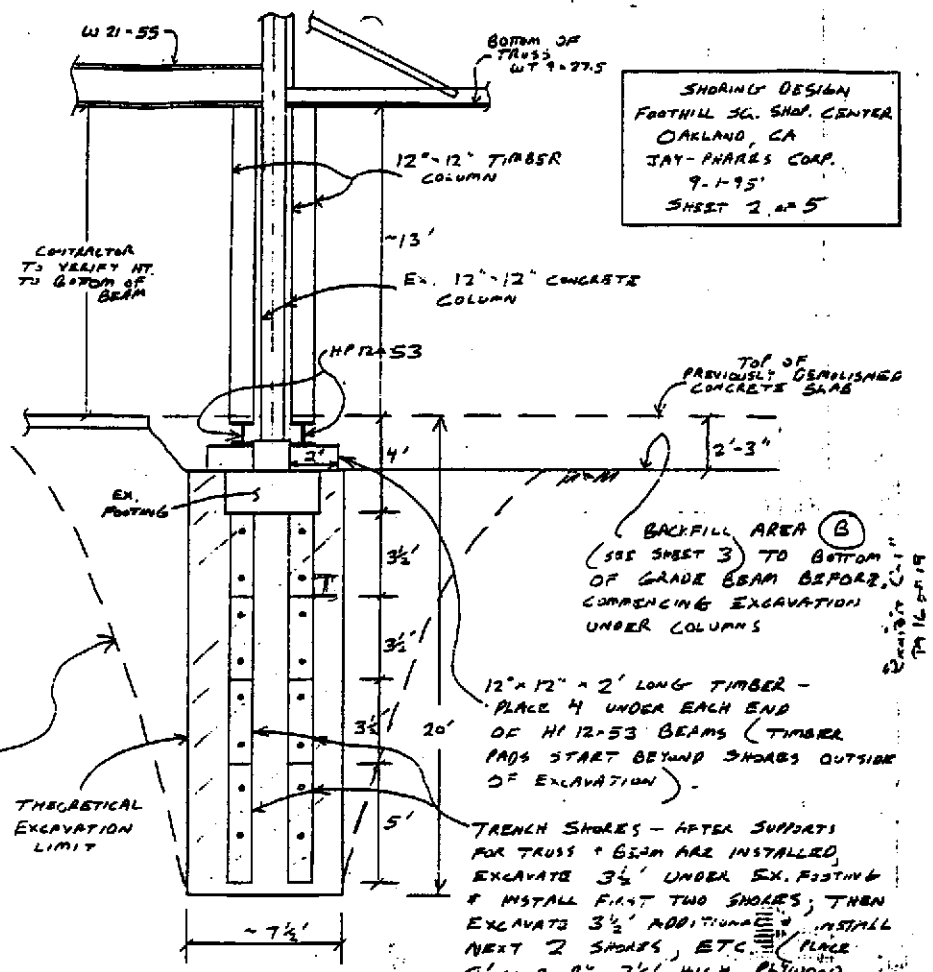
NOTE: REFER TO SHEET 5 of 5 AND METHOD STATEMENT FOR GENERAL NOTES





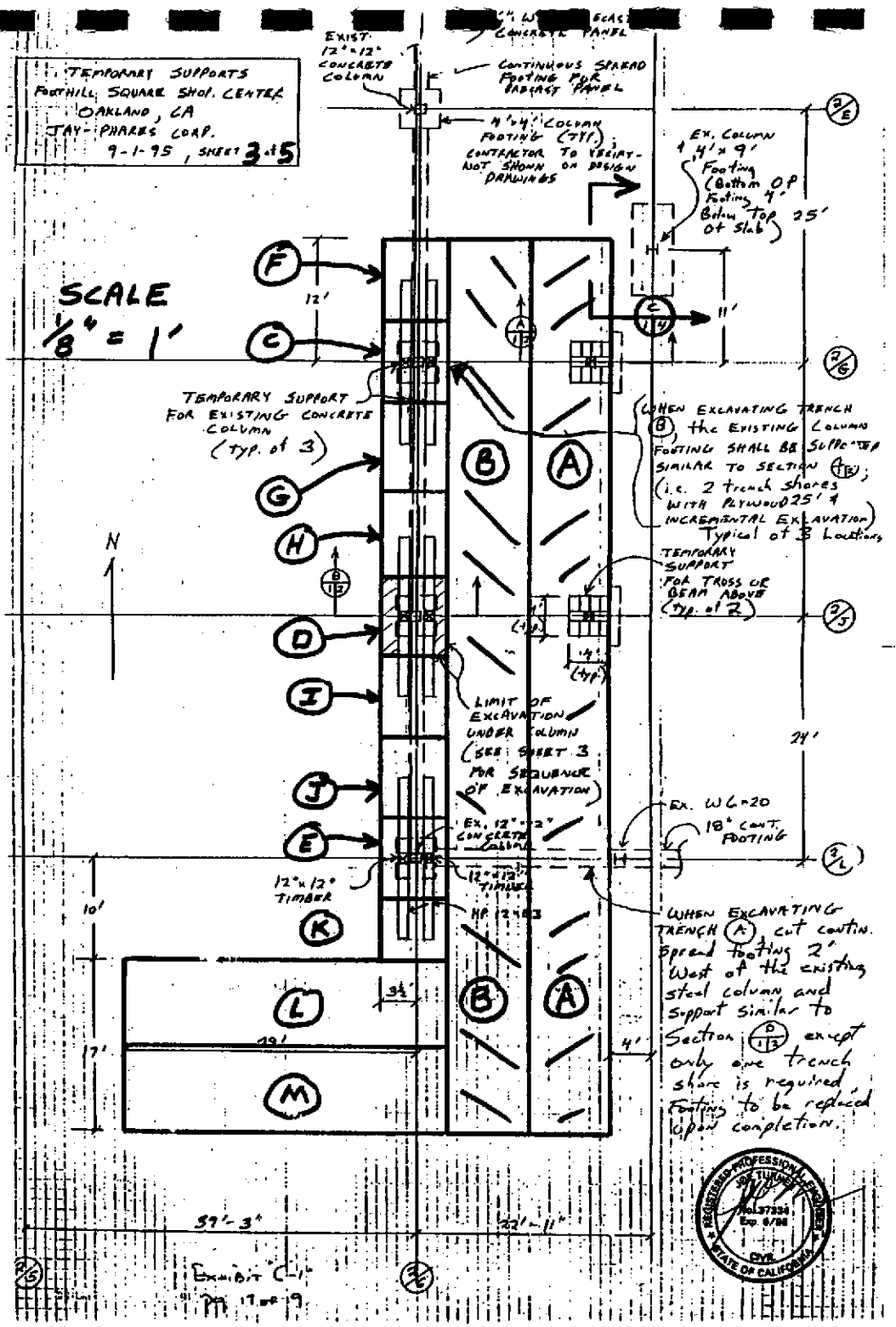
SECTION (A/17)

Scale ½" = 1'

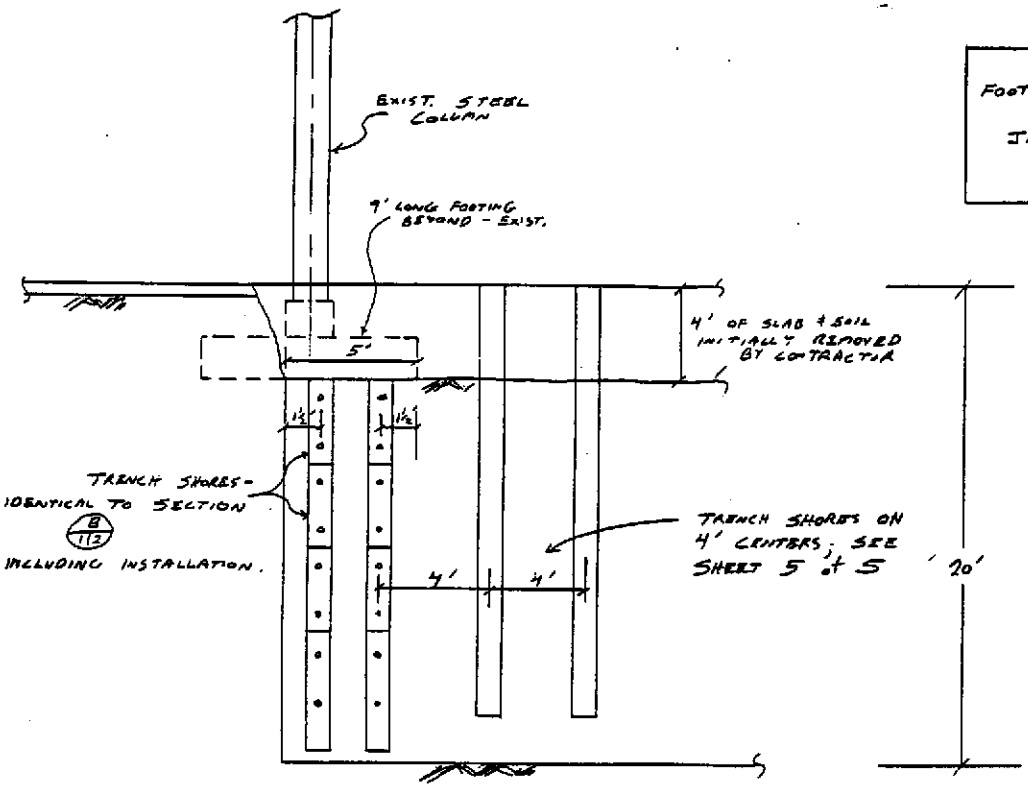


SECTION (B/17) Scale ¼" = 1'

SHORING DESIGN
FOOTHILL SC. SHOP. CENTER
OAKLAND, CA
JAY-PHARES CORP.
9-1-95'
SHEET 2 of 5


TEMPORARY SUPPORTS
FOOTHILL SQUARE SHOP. CENTER
OAKLAND, CA
JAY-PHARES CORP.
9-1-95, SHEET 3 of 5
SCALE
1/8" = 1'
EXIST. 12"x12" CONCRETE COLUMN
CONTINUOUS SPREAD FOOTING FOR PARAPET PANEL
4'x4' COLUMN FOOTING (TYP.) CONTRACTOR TO VERIFY - NOT SHOWN ON DESIGN DRAWINGS
EX. COLUMN 4'x4'x9' Footing (Bottom of Footing 4' Below Top of Slab)
25'
11'
12'
TEMPORARY SUPPORT FOR EXISTING CONCRETE COLUMN (Typ. of 3)
WHEN EXCAVATING TRENCH (B), the EXISTING COLUMN FOOTING SHALL BE SUPPORTED SIMILAR TO SECTION (B/13); (i.e. 2 trench shores WITH PLYWOOD 2.5' @ INCREMENTAL EXCAVATION) Typical of 3 Locations
TEMPORARY SUPPORT FOR TRUSS OR BEAM ABOVE (Typ. of 2)
N
LIMIT OF EXCAVATION UNDER COLUMN (SEE SHEET 3 FOR SEQUENCE OF EXCAVATION)
24'
Ex. WC=20
18" CONT. FOOTING
Ex. 12"x12" CONCRETE COLUMN
12"x12" TIMBER
HP 12x63
WHEN EXCAVATING TRENCH (A), cut contin. Spread footing 2' West of the existing steel column and support similar to Section (D/13) except only one trench shore is required. Footing to be replaced upon completion.
10'
17'
39½"
19'
4'
59'-3"
22'-11"
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
CIVIL
Exp. 6/96
Exhibit C-1
Page 17 of 19

SHORING DESIGN
FOOTHILL SQ. SHOP. CENTER
OAKLAND, CA
JAY - PHARES CORP.
9-1-95
SHEET 4 of 5



SECTION C 1/2

REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
CIVIL

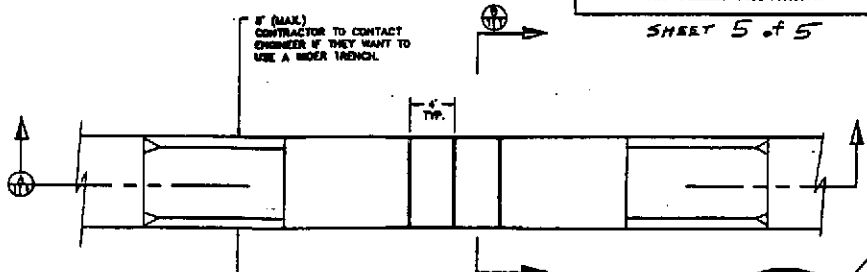
Exhibit "C-1"
Page 4 of 5

TRENCH SHORING
FOOTHILL SQUARE SHOPPING CENTER
OAKLAND, CA
JAY-PHARES CORPORATION

SHEET 5 of 5

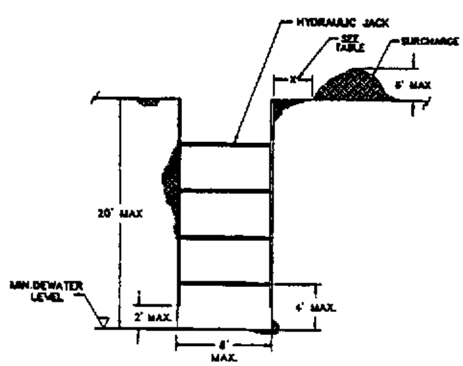
NOTES:

1. SOILS SHALL BE VERIFIED BY A COMPETENT PERSON TO BE A TYPE A IN ACCORDANCE WITH FED OSHA SUBPART P, EXCAVATION AND TRENCHING, APPENDIX A OR CAL OSHA CONSTRUCTION SAFETY ORDERS, SECTIONS 1504, 1539-1547, APPENDIX A TO SECTION 1541.
2. TABULATED DATA FOR EQUIPMENT TO BE USED SHALL BE PROVIDED AT THE JOBSITE.
3. MANUFACTURERS TABULATED DATA APPLIES HERE EXCEPT AS IS NOTED HERE.
4. PROVIDE ACCESS AND BARRICADING PER OSHA REQUIREMENTS.
5. SHORING MUST BE PROPERLY INSTALLED PRIOR TO ENTERING EXCAVATION. WORKERS MUST ENTER, EXIT AND WORK IN SHORED AREAS ONLY.
6. IF SHORING IS TEMPORARILY REMOVED, WORKERS MUST EXIT TRENCH OR STAND AT LEAST 3 SHORES BACK FROM REMOVED SHORES UNTIL THE REMOVED SHORING IS PROPERLY REPLACED. COMPETENT PERSON SHALL VERIFY THAT SHORES ARE PROPERLY REPLACED.
7. WORKERS SHALL NOT CONGREGATE ABOVE UNSHORED EXCAVATIONS.
8. CONTRACTOR AGREES TO INSTALL SHORING IN ACCORDANCE WITH THIS PLAN.
9. BACKFILL TO BE ACCOMPLISHED WITH COMPACTION EQUIPMENT THAT IS OPERATED FROM OUTSIDE THE EXCAVATION AREA SUCH AS HOERAM, EXCAVATOR COMPACTION WHEEL OR RAMEX.
10. USE 1 1/8" APA RATED STURDY FLOOR OR, 3/4" THICK 14 PLY FIN FORM PLYWOOD OR, 1" STEEL PLATE, IF NECESSARY, FOR RAVELING AND SLOUGHING ONLY.
11. TRENCH WALLS ARE TO BE VERTICAL, PARALLEL & WITHOUT VOIDS BEHIND THE CYLINDERS.

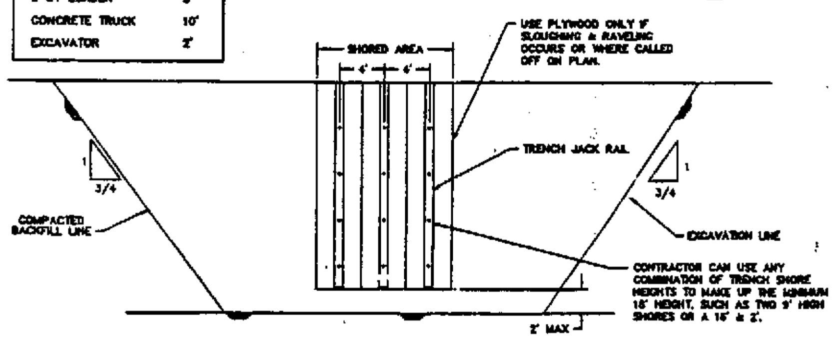


PLAN VIEW

SURCHARGE TABLE	
	X
EARTH SPOILS	2'
BACK HOE	2'
DUMP TRUCK	2'
3 CY LOADER	2'
5 CY LOADER	5'
CONCRETE TRUCK	10'
EXCAVATOR	2'



SECTION B



SECTION A

REVISED | BY

FOOTHILL SQUARE SHOPPING CENTER
OAKLAND, CA

JAY-PHARES CORPORATION
10700 MACARTHUR BLVD., SUITE 200
OAKLAND, CA 94605-5260

J.M. TURNER ENGINEERING, INC.
CONSULTING ENGINEERS

DATE: 9/1/98
DRAWN BY: P.C.S.
CHECKED BY: J.M.T.
JOB NO.: JP-FSSC
SHEET 1 of 1

Exhibit "C-1", p. 19 of 19

APPENDIX D

TURNER'S SECOND METHOD STATEMENT

J.M. TURNER ENGINEERING, INC.
CONSULTING ENGINEERS
CIVIL ENGINEERING
CONSTRUCTION ENGINEERING
CONSTRUCTION MANAGEMENT

December 6, 1995

John Jay
Jay-Phares Corporation
10700 MacArthur Blvd., #200
Oakland, CA 9460.

Re: Contaminated Soil Removal
Foothill Square Shopping Center

Dear Mr. jay:

The contractor wants to excavate within 12 inches of the existing strip footing for the columns in the eastern breezeway wall without using trench jacks. This can be accomplished by following the procedure outlined on the attached sketch. This assumes the following information provided by the contractor is correct: There is a continuous strip footing rather than isolated column spread footings; the strip footing is 18 inches wide and has a bottom of footing depth 2-1/3 feet below the existing finished floor. It is also assumed that the soil to be removed is still a stiff clay as was encountered in the other areas; this should be verified by the contractor.

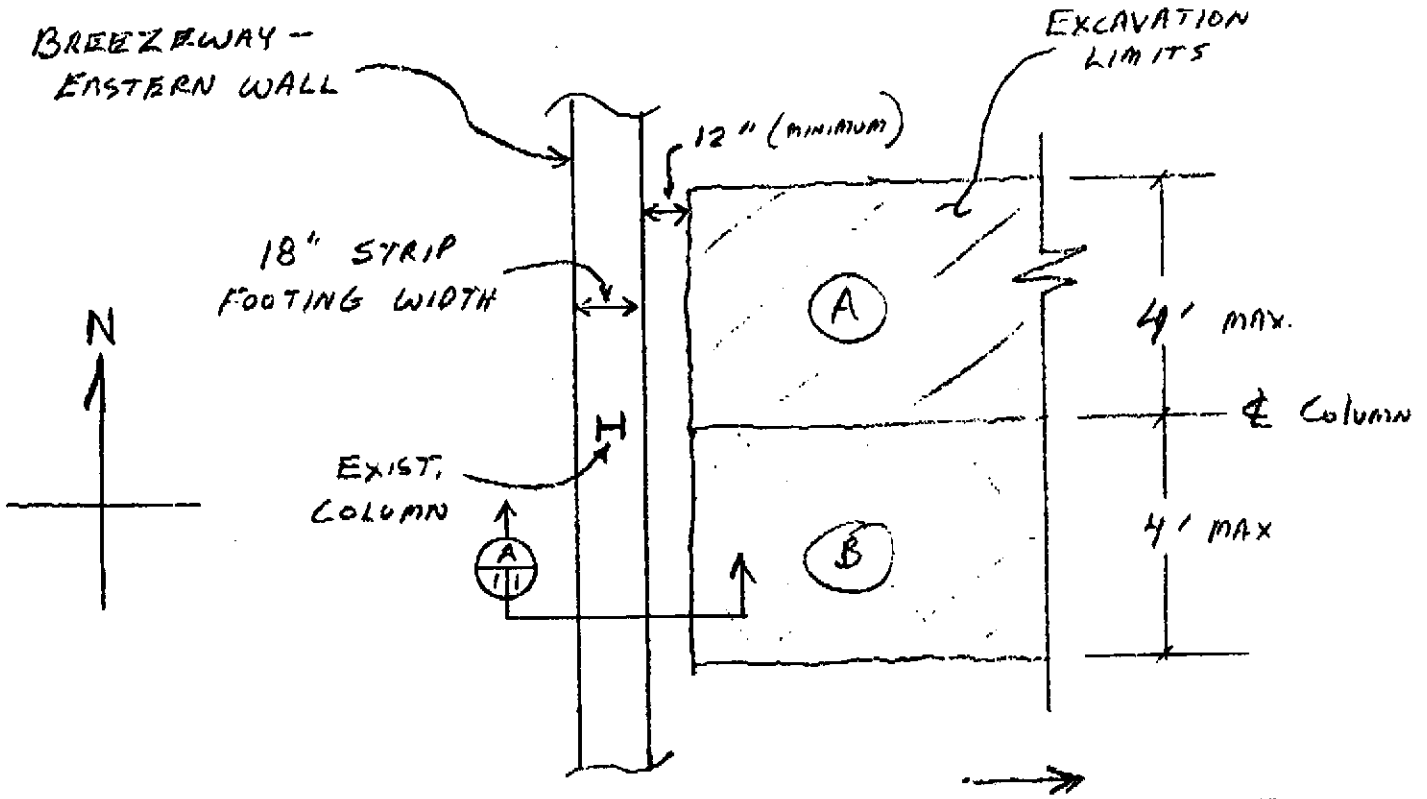
This has already been discussed with the contractor. Please advise if you require any further information.

Sincerely,

Donald Charles

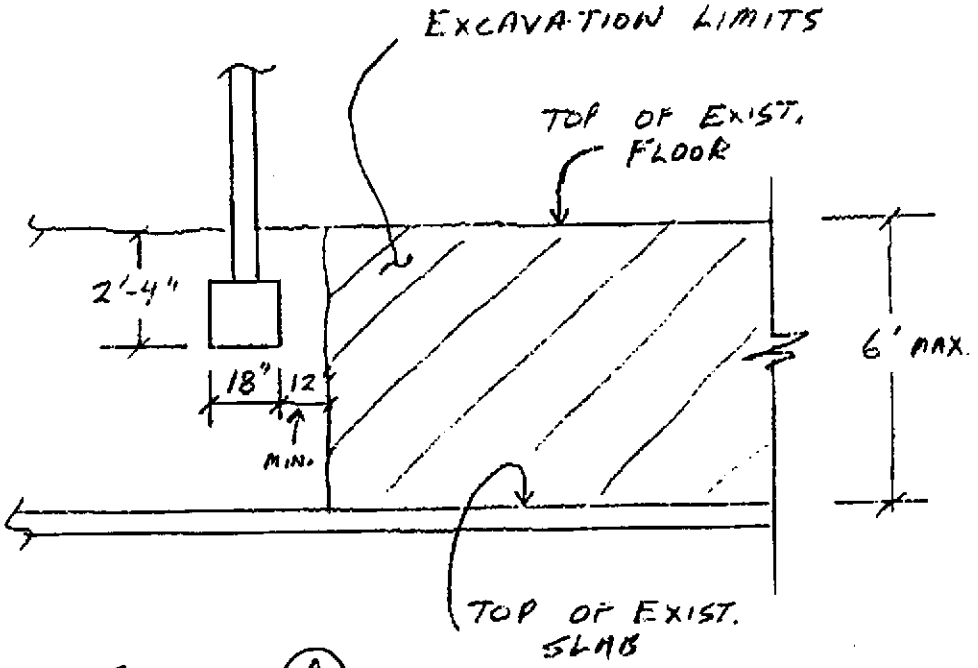
J.M. TURNER ENGINEERING, INC.
136-A WIKIUP DRIVE
SANTA ROSA, CA 95403
PH#: (707) 528-4503
FAX#: (707) 528-4505

SUBJECT _____ SHEET NO. 1 OF 1
BY _____ DATE 12-6-95
CHKD BY ____ DATE ____



NOTES: EXCAVATE 'A' FIRST & BACKFILL; THEN EXCAVATE 'B' & BACKFILL

PLAN VIEW:



SECTION A/1

APPENDIX E

HEALTH AND SAFETY PLAN

HEALTH AND SAFETY PLAN

at

J. Phares Corporation
10700 MacArthur Blvd.
Oakland, CA 94605

Prepared for:

All Environmental Inc.
2641 Crow Canyon Road, #5
San Ramon, CA 94583

Prepared by:

Environeering, Inc.
P. O. Box 2498
Danville, CA 94526

October 13, 1995

A. INTRODUCTION

This Site Specific Health and Safety Plan is written for the soil remediation project at the site owned by J. Phares Corp. in Oakland, CA. All job site personnel will follow CAL OSHA safe operating practices as outlined in 29 CFR 1910 and 1926, as well as established guidelines set forth by All Environmental, Inc.

B. WORK DESCRIPTION

The site houses a retail shopping center and paved parking areas. One of the buildings formerly housed a dry cleaning establishment which used perchloroethylene (perk) cleaning solvent. Soil samples taken by Augeas Corp. in September, October and November of 1994, from a number of hand borings, revealed perk in several samples ranging from ND to as high as 90 mg/Kg (ppm). All Environmental, Inc. (AEI) plans to excavate the contaminated soil for treatment and/or disposal. Engineering controls will be used to minimize personnel exposure to perchloroethylene vapor.

C. HAZARD CHARACTERISTICS

The planned activities to excavate and remove contaminated soil from this site involve potential hazards in the following areas:

- Underground utilities.
- Stability of excavations adjacent to building structures.
- Potential for personnel to fall into excavations.
- Construction equipment operating in a mall serving the public.
- Potential exposure to toxic materials/vapors.

Each of these potential hazards must be dealt with to ensure that the required work is completed in a safe manner and that all risks to the public and to the workers are minimized.

D. HAZARD LEVEL

The hazard level is judged to be moderate.

SERIOUS:	LOW:
MODERATE: XXX	UNKNOWN:

E. CHEMICAL HAZARDS

TETRACHLOROETHYLENE (PERCHLOROETHYLENE)

The chemical of concern is tetrachloroethylene, also known as perchloroethylene or "perk". Its properties are:

a. colorless liquid with a mild chloroform-like odor.
b. Health hazard by **inhalation, ingestion, skin and eye contact.**
c. Exposure may irritate eyes, nose and throat, cause flushed face and neck, vertigo, dizziness, incoordination, headache, somnolence, skin erythema, and liver damage. It is classified as a carcinogen (causes cancer) by NIOSH (National Institute for Occupational Safety and Health), but is not regulated as such by Cal OSHA.
d. Permissible exposure limit (PEL) on a time weighted average (TWA) for 8 hour exposure is **25 ppm.**
e. Concentration which is immediately dangerous to life and health (IDLH) is **500 ppm.**

Perk is noncombustible, with a boiling point of 250 F. Its vapors are heavier than air.

F. SAFE PRACTICES

Prior to any excavation activity, AEI shall contact Underground Service Alert (USA) for the location of all underground utilities. AEI shall exercise proper care, including hand excavating if necessary, to locate all underground utilities to avoid rupturing gas or water lines or disrupting electrical or sewer lines.

If excavation is required adjacent to building or structure foundations, AEI shall install appropriate shoring designed by a registered structural engineer, to protect the integrity of the building or structure. If personnel are required to enter excavations deeper than 5 ft., AEI shall provide properly engineered shoring or shall slope the sides of the excavation in accordance with OSHA regulations, prior to the entry of any personnel.

AEI shall place barricades appropriately to restrict public access to the work site. AEI shall provide a ladder at the job site suitable to effect entry to, and exit from, the excavation in the event that personnel must enter for any reason. In addition, AEI shall maintain at least two respirators at the job site suitable for use in an atmosphere containing perchloroethylene, in case it becomes necessary to rescue an injured person in or near an excavation possibly contaminated with perchloroethylene vapor. The preferred respirator type for this purpose is a self contained breathing apparatus (SCBA).

Joe Derhake of AEI will establish restricted zones around the excavation areas. All personnel inside the restricted zones shall be 40 hr HAZWOPER trained per 29 CFR 1910.120, and shall wear the designated personal protective equipment (PPE). AEI shall test the atmosphere around the perimeter of the work area at appropriate intervals to ensure that hazardous levels of perchloroethylene vapor are not encountered. If levels of 15 ppm are encountered at the work area

perimeter, engineering controls shall be put in place and work shall be suspended until the level is reduced below 5 ppm, or workers shall be required to wear respirators.

Personnel will not normally enter excavations. If it is necessary to have personnel enter an excavation, confined space entry procedures shall be followed and shoring shall be in place if required by excavation depth or proximity to building structures. Vapor samples shall be tested from the bottom of the excavation since perchloroethylene is heavier than air and will settle to low points. Personnel entering excavations shall have a respirator with them, and shall be wearing it if meter readings show the presence of perchloroethylene vapor above 10 ppm. If the perchloroethylene level is **200 ppm or above**, personnel should evacuate the excavation, or should wear **full face air supplied (SCBAF) respirators.**

AEI shall test the atmosphere around the stock pile of excavated soil. If any readings exceed 15 ppm, suspend operations until the vapors dissipate. Restrict public access to the stock pile.

If internal combustion equipment such as backhoes, excavators, etc., is operated in enclosed areas, AEI shall sample the air in the work area at frequent intervals and analyze for carbon monoxide (CO). If the level for any single sample equals or exceeds the permissible exposure limit (PEL) of 35 ppm, shut down the equipment and evacuate the area. Establish positive ventilation to prevent the build up of CO above the PEL before allowing personnel to return to the area. CO is an odorless gas, generally a component of combustion gases from internal combustion engines. Symptoms of CO exposure include headache, nausea, dizziness, hallucination and confusion. Should it be necessary to work in the area with CO levels above the PEL (35 ppm), supplied air respirators (SCBA) must be used.

G. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Based on evaluation of potential hazards, hazard levels have been established as follows:

- If meter readings do not detect perchloroethylene vapor in the work areas, Level "D" protective clothing shall be worn.

- If meter readings show the presence of perchloroethylene vapor in the work areas which cannot be reduced below 5 ppm with engineering controls, then level "C" protective clothing shall be worn. Respirators shall be worn if the perchloroethylene vapor level in the operator's breathing zone exceeds 5 ppm continuously for more than 5 minutes, or if any single reading exceeds 25 ppm.

- For personnel entering the excavation, level "C" protective clothing shall be worn. Respirators shall be worn if the level of perchloroethylene exceeds 10 ppm for any test within the excavation. **Full face air supplied respirators shall be worn,** if meter readings show the presence of **perchloroethylene vapor of 200 ppm** or above.

"EPA Standard Operating Safety Guidelines" defines the levels of protective clothing as follows:

LEVEL A:
Fully encapsulating suit / SCBA / Hard hat / Steel toe boots / Safety gloves.

LEVEL B:
Splash resistant suit / SCBA / Hard Hat / Steel toe boots / Safety gloves.

LEVEL C:
Half face respirator / Hard hat / Safety glasses / Steel toe boots / Coveralls / Gloves.

LEVEL D:
Coveralls / Hard hat / Safety Glasses / Steel toe boots / Gloves.

Cal OSHA allows the use of air purifying respirators with canisters designed for organic vapors/ acid gases for perchloroethylene.

If AEI anticipates that any of its employees will be required to wear respirators for more than 30 days in a year, then the employees shall receive a medical examination to determine that they can wear a respirator, and they shall receive respirator training and fit testing to ensure that the use of respirators provides the desired protection.

Summary - Respirator Selection:

- Perk levels of 10 ppm to 200 ppm - air purifying with organic vapor/acid gas canister.
- Perk levels above 200 ppm - full face air supplied respirator.
- CO levels above 35 ppm - air supplied respirator.

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE COMPANY SAFETY OFFICER, C. HERTZ.

H. EMERGENCY HOSPITAL

Tetrachloroethylene

Formula: $CCl_2 = CCl_2$
Synonyms: Perchloroethylene; tetrachloroethylene; perk
Appearance and Odor: Colorless liquid with an odor like chloroform or ether.

PERMISSIBLE EXPOSURE LIMIT (PEL)

The current OSHA standard for tetrachloroethylene is 100 parts of tetrachloroethylene per million parts of air (ppm) averaged over an eight-hour work shift, with a ceiling level of 200 ppm and a maximum acceptable peak of 300 ppm for 5 minutes in any three-hour period. NIOSH has recommended that the permissible exposure limit be reduced to the lowest detectable limit. The NIOSH Criteria Document for Tetrachloroethylene should be consulted for more detailed information. The American Conference of Governmental Industrial Hygienists has recommended for Tetrachloroethylene a Threshold Limit Value of 50 ppm.

MONITORING AND MEASUREMENT PROCEDURES

1. **Eight-Hour Exposure Evaluation**: Measurements to determine employee exposure are best taken so that the average eight-hour exposure is based on a single eight-hour sample or on two four-hour samples. Several short-time interval samples (up to 30 minutes) may also be used to determine the average exposure level. Air samples should be taken in the employee's breathing zone (air that would most nearly represent that inhaled by the employee).
2. **Ceiling Evaluation**: Measurements to determine employee ceiling exposure are best taken during periods of maximum expected airborne concentrations of tetrachloroethylene. Each measurement should consist of a 15-minute sample or series of consecutive samples totaling 15 minutes in the employee's breathing zone (air that would most nearly represent that inhaled by the employee). A minimum of three measurements should be taken on one work shift; the highest of all measurements taken is an estimate of the employee's exposure.
3. **Peak Above Ceiling Evaluation**: Measurements to determine employee ceiling exposure are best taken during periods of maximum expected airborne concentrations of tetrachloroethylene. Each measurement should consist of a 30-minute sample or series of consecutive samples totaling 30 minutes in the employee's breathing zone (air that would most nearly represent that inhaled by the employee). A minimum of three measurements should be taken on one work shift; the highest of all measurements taken is an estimate of the employee's exposure.

HEALTH HAZARD INFORMATION

Tetrachloroethylene can affect the body if it is inhaled or if it comes in contact with the eyes or skin. It can also affect the body if it is swallowed.

Effects of exposure

Short-term exposure: Tetrachloroethylene may cause headache, nausea, drowsiness, dizziness, incoordination, and unconsciousness. It may also cause irritation of the eyes, nose, and throat and flushing of the face and neck. In addition, it may cause liver damage with such findings as yellow jaundice and dark urine. The liver damage may become evident several weeks after the exposure.

Long-term exposure: Prolonged or repeated overexposure to liquid tetrachloroethylene may cause irritation of the skin. It may also cause damage to the liver and kidneys.

RECOMMENDED MEDICAL PROCEDURES

A physician should be contacted if anyone develops any signs or symptoms and suspects that they are caused by exposure to tetrachloroethylene. The following medical procedures should be made available to each employee who is exposed to tetrachloroethylene at potentially hazardous levels:

1. A complete history and physical examination: The purpose is to detect preexisting conditions that may place the exposed employee at increased risk, and to establish a baseline for future health monitoring. Examination of the liver and the cardiovascular and neurological systems should be stressed. The skin should be examined for evidence of chronic disorders.

   • Liver function tests: Tetrachloroethylene may cause liver damage. A profile of liver function should be obtained by using a medically acceptable array of biochemical tests.
   • Urinalysis: Since kidney damage has also been observed from exposure, a urinalysis should be obtained to include, at a minimum, specific

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gravity, albumin, glucose, and a microscopic on centrifuged sediment.

2. The aforementioned medical examinations should be repeated on an annual basis.

EMERGENCY FIRST-AID PROCEDURES

In the event of an emergency, institute first-aid procedures and send for first-aid or medical assistance.

1. **Eye Exposure**: If tetrachloroethylene gets into the eyes, wash eyes immediately with large amounts of water, lifting the lower and upper lids occasionally. If irritation is present after washing, get medical attention. Contact lenses should not be worn when working with this chemical.
2. **Skin Exposure**: If tetrachloroethylene gets on the skin, promptly wash the contaminated skin using soap or mild detergent and water. If tetrachloroethylene soaks through the clothing, remove the clothing promptly and wash the skin using soap or mild detergent and water. If irritation persists after washing, get medical attention.
3. **Breathing**: If a person breathes in large amounts of tetrachloroethylene, move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the affected person warm and at rest. Get medical attention as soon as possible.
4. **Swallowing**: When tetrachloroethylene has been swallowed, get medical attention immediately. If medical attention is not immediately available, get the afflicted person to vomit by having him touch the back of his throat with his finger or by giving him syrup of ipecac as directed on the package. This nonprescription drug is available at most drug stores and drug counters and should be kept with emergency medical supplies in the workplace. Do not make an unconscious person vomit.
5. **Rescue**: Move the affected person from the hazardous exposure. If the person has been overcome, notify someone else and put into effect the established emergency rescue procedures. Do not become a casualty. Understand the facility's emergency rescue procedures and know the locations of rescue equipment before the need arises.

PERSONAL PROTECTION

1. Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the permissible exposure level. However, there are some exceptions where respirators may be used to control exposure. Respirators may be used when engineering and work-practice controls are not technically feasible; when such controls are in the process of being installed; or when they fail and need to be supplemented. Respirators may also be used for operations that require entry into tanks or closed vessels, and in emergency situations. If the use of respirators is necessary, the only respirators permitted are those that have been approved by the Mine Safety and Health Administration or by the National Institute for Occupational Safety and Health. In addition to respirator selection, a complete respiratory protection program should be instituted that includes regular training, maintenance, inspection, cleaning, and evaluation.
2. Employees should be provided with and required to use impervious clothing, gloves, face shields (8-inch minimum), and other appropriate protective clothing necessary to prevent repeated or prolonged skin contact with liquid tetrachloroethylene.
3. Non-impervious clothing that becomes contaminated with liquid tetrachloroethylene should be removed promptly and not reworn until the tetrachloroethylene is removed from the clothing.
4. Clothing that is wet with liquid tetrachloroethylene should be placed in closed containers for storage until it can be discarded or until provision is made for the removal of tetrachloroethylene from the clothing. If the clothing is to be laundered or otherwise cleaned to remove tetrachloroethylene, the person performing the operation should be informed of tetrachloroethylene's hazardous properties.
5. Employees should be provided with and required to use splash-proof safety goggles where liquid tetrachloroethylene may contact the eyes.

LEAK AND SPILL PROCEDURES

1. Persons not wearing protective equipment and clothing should be restricted from areas of spills or leaks until cleanup has been completed.
2. Ventilate area of spill or leak.
3. Collect for reclamation or absorb in vermiculite, dry sand, earth, or a similar material.

WASTE DISPOSAL METHODS

Tetrachloroethylene may be disposed of by absorbing it in vermiculite, dry sand, earth, or a similar material and disposing in a secured sanitary landfill.

SPECIAL NOTE

Tetrachloroethylene appears on the OSHA "Candidate List" of chemicals being considered for further scientific review regarding its carcinogenicity. The International Agency for Research on Cancer (IARC) has evaluated the data on this chemical and has concluded that it causes cancer.

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10/13/95

1. READ AND SIGN

AEI shall review this plan with all field personnel prior to starting any field work. The signatures below will evidence this review and the understanding of each employee of the potential hazards posed by the work and the procedures and requirements to ensure personnel safety throughout the project.

NAME:	SIGNATURE:	DATE	COMPANY NAME:
J.P Derleth		10/13/95	AEI
C. SPARKS	C Sparks	10/13/95	AEI
Craig Barr	CRAIG BARR	10/13/95	AEI
KURT GRANNIS		10/13/95	GRW Eng.

10/12/95

1. READ AND SIGN

All shall review this plan with all field personnel prior to starting any field work. The signatures below will evidence this review and the understanding of each employee of the potential hazards posed by the work and the procedures and requirements to ensure personnel safety throughout the project.

NAME:	SIGNATURE:	DATE	COMPANY NAME:
T. P. DeLuke		10/12/95	
Craig Barr		10/12/95	
Kurt Gramms		10/12/95	GRW Eng.
Howdy Kirkbride		10/12/95	

10/16

I. READ AND SIGN

AEI shall review this plan with all field personnel prior to starting any field work. The signatures below will evidence this review and the understanding of each employee of the potential hazards posed by the work and the procedures and requirements to ensure personnel safety throughout the project.

NAME:	SIGNATURE:	DATE	COMPANY NAME:
Howay Kirkbride	Howay	10/16-17(95)	GRW
JP DeMeza	JP DeMeza	10/17/95	
CRAIG BARR	Craig Barr	10-17-95	
KURT GRAVES	Kurt Graves	10/17/95	

- Talked about level C
- Containment

10/17

1. READ AND SIGN

All shall review this plan with all field personnel prior to starting any field work. The signatures below will evidence this review and the understanding of each employee of the potential hazards posed by the work and the procedures and requirements to ensure personnel safety throughout the project.

NAME:	SIGNATURE:	DATE	COMPANY NAME:
J. Pellicke		10/17/97	HEA

- Talked about ear plugs

10/16

1. READ AND SIGN

AEI shall review this plan with all field personnel prior to starting any field work. The signatures below will evidence this review and the understanding of each employee of the potential hazards posed by the work and the procedures and requirements to ensure personnel safety throughout the project.

NAME:	SIGNATURE:	DATE	COMPANY NAME:
Bill Genius			ORW Eng
CRAIG BARR	Craig Barr		
Henry Kirkland		11/6	G.R.W.
J.P. Lebeke			AEI

10/19

1. READ AND SIGN

AEI shall review this plan with all field personnel prior to starting any field work. The signatures below will evidence this review and the understanding of each employee of the potential hazards posed by the work and the procedures and requirements to ensure personnel safety throughout the project.

NAME:	SIGNATURE:	DATE	COMPANY NAME:
Kurt Grennis			GRW Eng
Hoang Kirkbride	H.K.		G.R.W.
J.P. Dodds	JPD		AEI