

**SEISCO Engineering and Environmental Design Associates
Professional Member**

International Conference of Building Officials

1187 Ocean Avenue

Emeryville, California 94608

(510) 547-8540; FAX (510) 527-7785

Industrial, Civil, Structural and Architectural Engineering, Construction Management, Hazardous Material Removal and Remediation

FACSIMILE COVER SHEET

DATE: 3/28/01

TO: MR. LARRY Seto

FROM: DAVID HELFANT

FIRM: ACHCSA

PHONE NO: 567-6700

FAX NO: 337-9335

NUMBER OF PAGES: 2
(INCLUDING COVER SHEET)

ADDITIONAL INFORMATION:

**PLEASE CONTACT US IF YOU DO NOT RECEIVE ALL PAGES OR
IF THE TRANSMISSION IS NOT CLEAR.**

THANK YOU [Signature]

SEISCO Engineering and Inspection Services

Professional Member

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Industrial, Civil, Structural and Architectural Engineering, Construction Management, Hazardous Material Removal & Remediation

Eric L. Cox, PE, SE

Structural Engineering, Construction Management

David Benaroya Helfant, Ph.D., M.ASCE, ICBO

Environmental, Seismic and Drainage Design

Structural and Engineering Inspections

Michael S. Noell, M.Arch., A.I.A.

Architecture and Planning

Ibhami Karaca, PE, SE

Structural Engineering

March 24, 2001

TO: Mr. Lawrence Seto, Senior Hazmat Specialist, Environmental Protection Division, ACHCSA 567-6700, F:337-9335**FROM: David Benaroya Helfant
Mr. Mel Bolin, Owner
Mr. Virgil Bolin, Owner****RE: 6335 San Pablo Avenue, Oakland, CA 94608, Stid 1685**

Dear Mr. Seto:

This letter informs you of the owners' decision to provide proper paving over the trenches and related excavations completed in January. They are now experiencing a \$2,500 per month shortfall and cannot rent out their property until this is completed.

Based on excavations and lab testing, and the attendant off-haul of soils and their treatment and disposal, we see no reason why the paving cannot be completed and the property returned to the use for which it is zoned.

Should you have any questions regarding the above, please do not hesitate to call the owners or me. Thank you for your cooperation and assistance in this matter.

Sincerely,


David Benaroya Helfant, M.ASCE

Principal

SEISCO Engineering and Environmental Design Associates
Professional Member
International Conference of Building Officials
 1187 Ocean Avenue
 Emeryville, California 94608
 (510) 547-8540; FAX (510) 527-7785

Industrial, Civil, Structural and Architectural Engineering, Construction Management, Hazardous Material Removal and Remediation

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 Environmental, Seismic and Drainage Design
 Structural and Engineering Inspections
 Eric M. Cox, S.E.
 Structural Engineering, Construction Management
 Itami M. Karaca, S.E.
 Structural Engineering, Special Inspections

ATT: LARRY SETO.

FACSIMILE COVER SHEET

DATE: 2-10-01

TO: → VIRGIL BOLIN-THE BOLIN TRUST
* LARRY SETO ACEH - FROM: DAVID HELFANT

FIRM: _____

PHONE NO: _____


FAX NO: LS-510-337-9335

NUMBER OF PAGES: (31)
 (INCLUDING COVER SHEET)

ADDITIONAL INFORMATION:

MR. SETO: PLEASE SEE ATTACHED FINAL
REPORT
(WET STAMP/INK COPY TO FOLLOW
BY US MAIL)

PLEASE CONTACT US IF YOU DO NOT RECEIVE ALL PAGES OR IF THE TRANSMISSION IS NOT CLEAR.

THANK YOU 

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 18, 2001

Mr. Mel Bolin
Mr. Virgil V. Bolin, Tr. Etal
5509 Arizona Drive
Concord, CA 94521
STID 1685

RE: Bolin's Service Garage, 6335 San Pablo Avenue, Oakland, CA 94608

Dear Mr. Bolin:

Yesterday your workplan for the above site was implemented which included collecting soil samples and a groundwater sample from your sampling well. Please inform me within five days when the sampling well will be closed, and the name of the contractor performing the work as per your workplan dated December 24, 2000. As a reminder, a permit must be obtained from the Alameda County Public Works Department at (510) 670-6633 before closing out the well.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Don Hwang, Alameda County Environmental Health
David Helfant, Seico Engineering and Inspection Services, 1187 Ocean
Avenue, Emeryville, CA 94608
Leroy Griffin, City of Oakland Fire Services, 1605 Martin Luther King,
Oakland, CA 94612

Files

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: [] FACILITY NAME: BOLINI'S GARAGE
6335 SAN PABLO, OAK PG. 2 OF 2

SUPPLEMENTAL FORM
SOIL + GROUNDWATER SAMPLES COLLECTED BY PAUL KING, RG, BGA, ENV. SERV.

GROUNDWATER SAMPLES COLLECTED FROM WELL
AFTER PURGING

PT-4 AT JOINT, GREENISH BROWN CLAY, ODOR,
PID = 288 PPM, 3 FT

STOCKPILE SAMPLES TO BE COLLECTED,
COVER STOCKPILES WITH VISQUEEN.
EXCAVATED AREAS WILL BE FILLED WITH
CLEAN FILL.
SUBMIT SAMPLING REPORT INCLUDING LAB
ANALYSES.

PRINT NAME: VIRGIL V BOLINI

INSPECTED BY: Don Zhang

SIGNATURE: Virgil V Bolini

DATE: 1/17/01

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: [] FACILITY NAME: BOLIN'S GARAGE
6335 SAN PABLO, OAK PG. 2 OF 2

SUPPLEMENTAL FORM
50' GROUNDWATER SAMPLES COLLECTED BY PAUL KING, RG, REG. ENV. PARTY

GROUNDWATER SAMPLES COLLECTED FROM WELL
AFTER PURGING.

PT-4 AT JOINT, GREENISH BROWN CLAY, ODOR.
PID = 288 PPM, 3 FT

STOCKPILE SAMPLES TO BE COLLECTED.

COVER STOCKPILES WITH VISQUEEN.

EXCAVATED AREAS WILL BE FILLED WITH
CLEAN FILL.

SUBMIT SAMPLING REPORT INCLUDING LAB
ANALYSES.

PRINT NAME: Wilson V. Bolin

INSPECTED BY: [Signature]

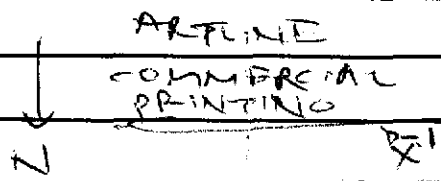
SIGNATURE: [Signature]

DATE: 1/7/01

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: 1685 FACILITY NAME: BOLIN'S GARBAGE PG. 1 OF 2
6335 SAN PABLO AVE, OAKLAND

SUPPLEMENTAL FORM



X PT-1

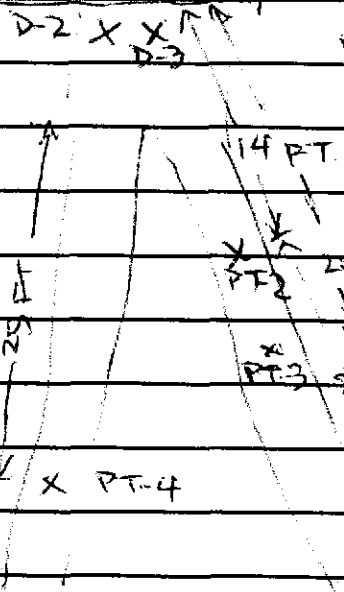
D-1 NO DISCOLORATION, NO ODORS, 5 FT. BGS.
 GRAVEL/CLAY SMELL + PID.

PT-1 NO DISCOLORATION, NO ODORS - SMELL + PID, 5 FT. BGS.
 GRAVEL/CLAY



D-2 GREENISH ODORS - SMELL, PID = 207 ppm
 4 FT BGS, CLAY/GRAVEL

SAN PABLO AVE



PT-2 GREENISH ODORS - SMELL, PID = 82 ppm
 4 FT BGS, WATER IN TRENCH
 CLAY/GRAVEL

T-1 GREENISH, CLAY/GRAVEL,
 SLIGHT ODOR, PID = 0
 SOIL SAMPLE WAS WET -
 FROM BROKEN PIPE, 6 1/2 FT

PT-3 GRAYISH, PID = 0
 SOIL SAMPLE WAS WET,
 PERHAPS PERCHED WATER,
 4 1/2 FT GRAVEL/CLAY

PT-4 GRAYISH, 7 FT, ODOR

64TH ST

D-3 8 FT PID = 187 ppm, ODOR,
 GREENISH BROWN SILTY CLAY

PRINT NAME: VIRGIL V. BOLIN

INSPECTED BY: Don Azia

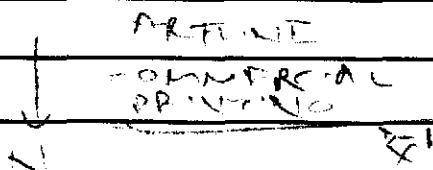
SIGNATURE: Virgil V. Bolin

DATE: 1/17/01

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID#: 1685 FACILITY NAME: BOLIN'S GARBAGE 6335 SAN PABLO AVE, OAKLAND PG. 1 OF 2

SUPPLEMENTAL FORM



x PT-1

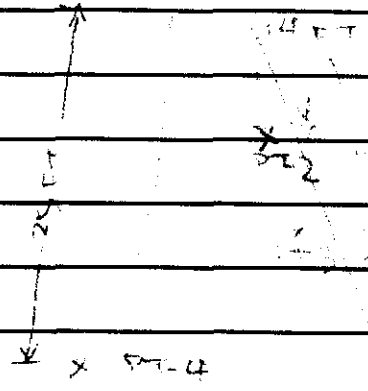
D-1 NO DISCOLORATION, NO ODORS, 5 FT. BGS
 GRAVEL/CLAY SHELL + PID

PT-1 NO DISCOLORATION, NO ODORS, SHELL + PID, 5 FT. BGS
 GRAVEL/CLAY

D-2 GREEN ODORS, SHELL + PID, 287 ppm
 4 FT BGS, CLAY/GRAVEL

D2 x x x
 PT2 GREEN ODORS, SHELL + PID = 82 ppm
 4 FT BGS, WATER IN TRENCH
 CLAY/GRAVEL

SAN PABLO AVE



GRAVEL
 SLIGHTLY
 50%
 FROM
 SOL SAMPLES
 PERHAPS
 4 1/2 FT
 GRAVEL/CLAY
 NO ODOR

64TH ST

D-3 8 FT PID, 87 ppm ODOR,
 GREEN SLUDG, OWN SILTY CLAY

PRINT NAME: VIRAL V BOLIN

INSPECTED BY: [Signature]

SIGNATURE: [Signature]

DATE: 1/17/01

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 8, 2001

Mr. Mel Bolin
Mr. Virgil V. Bolin, Tr. Etal
5509 Arizona Drive
Concord, CA 94521
STID 1685

RE: Bolin's Service Garage, 6335 San Pablo Avenue, Oakland, CA 94608

Dear Mr. Bolin:

I have reviewed the revised workplan dated December 24, 2000 for the above site that was faxed to me on January 3, 2001. It is acceptable.

Don Hwang and I would like to be present during the implementation of this workplan. Please contact me at (510) 567-6774 to inform us when work will commence.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Don Hwang, Alameda County Environmental Health
David Helfant, Seico Engineering and Inspection Services, 1187 Ocean Avenue,
Emeryville, CA 94608
Leroy Griffin, City of Oakland Fire Services, 1605 Martin Luther King,
Oakland, CA 94612
Files

RJ LeeGroup, Inc.

530 McCormick Street, San Leandro, CA 94577
510/567-0480 • 510/567-0488-FAX

TO:	Larry Seto
COMPANY:	
FAX NO.	
FR:	337 9335
DT:	
RE:	

Total Number of Pages Transmitted (including cover page)

14

MESSAGE:

Ben Schifelti



Date: 1/3/01

**To: Larry Seto
Alameda Co**

**From: RJ Lee Group
Ben Schiefelbein Ph.D.**

I have attached a copy of the state certification for our home office and McCambell Analytical. We plan to perform lead analysis at our office and the organic analyses at McCambell.

Additionally, we plan to subcontract the sampling to RGA Environmental in Emeryville (phone 510-547-7771). Please feel free to contact RGA (contact person Eric Yee) with any questions that you might have.

STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY

GRAY DAVIS, Governor

DEPARTMENT OF HEALTH SERVICES
2151 BERKELEY WAY
BERKELEY, CA 94704-1011



October 1, 1999

Certificate No.: 1644

EDWARD HAMILTON
MCCAMPBELL ANALYTICAL, INC.
110 SECOND AVE. SOUTH, UNIT D7
PACHECO, CA 94553-5560

Dear EDWARD HAMILTON:

This is to advise you that the laboratory named above continues to be certified as an environmental testing laboratory pursuant to the provisions of the California Environmental Laboratory Improvement Act of 1988 (Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.). Certification for all currently certified Fields of Testing which the laboratory has applied for renewal shall remain in effect until 10/31/2001 unless revoked. Also, please note that continued use of the certificate is contingent upon:

- * successful completion of the renewal site visit;
- * acceptable performance in the required performance evaluation (PE) studies;
- * timely payment of all fees, including an annual fee due on October 31, 2000;
- * compliance with Environmental Laboratory Accreditation Program (ELAP) statutes (HSC, Section 100825, et seq.) and Regulations (California Code of Regulations (CCR), Title 22, Division 4, Chapter 19).

An updated "List of Approved Fields of Testing and Analytes" will be issued to the laboratory upon completion of the renewal process. The application for the next renewal must be received 90 days before the expiration of this certificate to remain in force according to the CCR, Section 64801 through 64827.

Please note that the laboratory is required to notify ELAP of any major changes in the laboratory such as the transfer of ownership, change of laboratory director, change in location, or structural alterations which may affect adversely the quality of analyses (HSC, Section 100845(b)(d)). Please include the above certificate number in all your correspondence to ELAP.

If you have any questions, please contact ELAP at (510) 540-2800.

Sincerely,

George C. Kulasingam
George C. Kulasingam, Ph.D.
Program Chief
Environmental Laboratory
Accreditation Program

**CALIFORNIA DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM**
List of Approved Fields of Testing and Analytes

MCCAMPBELL ANALYTICAL, INC.
110 SECOND AVE. SOUTH, UNIT D7
PACHECO, CA

PHONE No. (925) 798-1620 Certificate No. 1644
COUNTY CONTRA COSTA Expiration Date 10/31/1999

- 04 Organic Chemistry of Drinking Water by GC/MS**
 - 04.02 EPA Method 524.2
 - 04.03 EPA Method 525.2
- 09 Physical Properties Testing of Hazardous Waste**
 - 09.01 Ignitability by Flashpoint Determination
 - 09.02 Corrosivity - pH Determination
 - 09.04 Reactivity
- 10 Inorganic Chemistry and Toxic Chemical Elements of Hazardous Waste**
 - 10.01 Antimony
 - 10.02 Arsenic
 - 10.03 Barium
 - 10.04 Beryllium
 - 10.05 Cadmium
 - 10.06 Chromium, total
 - 10.07 Cobalt
 - 10.08 Copper
 - 10.09 Lead
 - 10.10 Mercury
 - 10.11 Molybdenum
 - 10.12 Nickel
 - 10.13 Selenium
 - 10.14 Silver
 - 10.15 Thallium
 - 10.16 Vanadium
 - 10.17 Zinc
 - 10.18 Chromium (VI)
 - 10.19 Cyanide
- 11 Extraction Tests of Hazardous Waste**
 - 11.01 California Waste Extraction Test (WET)
 - 11.02 Extraction Procedure Toxicity
 - 11.03 Toxicity Characteristic Leaching Procedure (TCLP) All Classes
- 12 Organic Chemistry of Hazardous Waste by GC/MS**
 - 12.01 EPA Method 8240B
 - 12.03 EPA Method 8270B
 - 12.06 EPA Method 8260A
- 13 Organic Chemistry of Hazardous Waste (excluding GC/MS)**
 - 13.01 EPA Method 8010B
 - 13.02 EPA Method 8015
 - 13.03 EPA Method 8020A
 - 13.07A EPA Method 8080A

As of 04/22/1998, this list supersedes all previous lists for this certificate number.

Certificate No. 1644
 Expiration Date 10/31/1999

- 13.07B EPA Method 8081
- 13.13 EPA Method 8310
- 13.15 Total Petroleum Hydrocarbons - Gasoline
- 13.16 Total Petroleum Hydrocarbons - Diesel
- 13.17 TRPH - Screening by IR

16 Wastewater Inorganic Chemistry, Nutrients and Demand

- 16.05 Boron
- 16.07 Calcium
- 16.17 Magnesium
- 16.20 Oil and Grease
- 16.23 pH
- 16.27 Potassium
- 16.28 Residue, Total
- 16.29 Residue, Filterable (Total Dissolved Solids)
- 16.30 Residue, Nonfilterable (Total Suspended Solids)
- 16.33 Silica
- 16.34 Sodium
- 16.35 Specific Conductance
- 16.44 Total Recoverable Petroleum Hydrocarbons by IR

17 Toxic Chemical Elements in Wastewater

- 17.01 Aluminum
- 17.02 Antimony
- 17.03 Arsenic
- 17.04 Barium
- 17.05 Beryllium
- 17.06 Cadmium
- 17.07 Chromium (VI)
- 17.08 Chromium, total
- 17.09 Cobalt
- 17.10 Copper
- 17.13 Iron
- 17.14 Lead
- 17.15 Manganese
- 17.16 Mercury
- 17.17 Molybdenum
- 17.18 Nickel
- 17.24 Selenium
- 17.25 Silver
- 17.27 Thallium
- 17.28 Tin
- 17.30 Vanadium
- 17.31 Zinc

18 Organic Chemistry of Wastewater by GC/MS

- 18.01 EPA Method 624
- 18.02 EPA Method 625

Certificate No. 1644
Expiration Date 10/31/1999

19 Organic Chemistry of Wastewater (excluding GC/MS)

- 19.01 EPA Method 601
- 19.02 EPA Method 602
- 19.08 EPA Method 608

**STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES**

ENVIRONMENTAL LABORATORY CERTIFICATION

is hereby granted to

RJ LEE GROUP, INC.

MONROEVILLE LABORATORY

350 HOCHBERG RD.

MONROEVILLE, PENNSYLVANIA

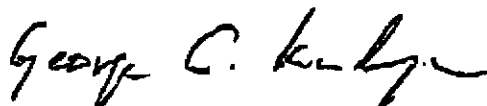
to conduct analyses of environmental samples as specified in the
"List of Approved Fields of Testing and Analytes"
which accompanies this Certificate.

This Certificate is granted in accordance with provisions of Section 1010, et seq.
(New Section 100825) of the Health and Safety Code.

Certificate No.: 1970

Expiration Date: 02/28/2002

Issued on: 02/01/2000
at Berkeley, California,
subject to forfeiture or revocation.



George C. Kuhnigam, Ph.D.
Manager
Environmental Laboratory Accreditation Program

FOt 3 ANALYSIS OF TOXIC CHEMICAL ELEMENTS IN DRINKING WATER

Analyte	Method Name	Instrumentation	Key / Method No.
<input checked="" type="checkbox"/> 3.1 Arsenic	Graphite Furnace AA ICP	Varian SpectrAA-400 Spectro Analytical FTP-E8	H 3113B X 200.7
<input checked="" type="checkbox"/> 3.2 Barium	ICP	Spectro Analytical FTP-E8	A 200.7
<input checked="" type="checkbox"/> 3.3 Cadmium	ICP	Spectro Analytical FTP-E8	A 200.7
<input checked="" type="checkbox"/> 3.4 Chromium, Total	ICP	Spectro Analytical FTP-E8	A 200.7
<input checked="" type="checkbox"/> 3.5 Copper	ICP	Spectro Analytical FTP-E8	A 200.7
<input type="checkbox"/> 3.6 Iron			
<input checked="" type="checkbox"/> 3.7 Lead	Graphite Furnace AA	Varian SpectrAA-400	H 3113B
<input type="checkbox"/> 3.8 Manganese			
<input checked="" type="checkbox"/> 3.9 Mercury	Cold Vapor AA	Varian SpectrAA-300	X 245.1
<input checked="" type="checkbox"/> 3.10 Selenium	Graphite Furnace AA	Varian SpectrAA-400	H 3113B
<input checked="" type="checkbox"/> 3.11 Silver	ICP	Spectro Analytical FTP-E8	A 200.7
<input type="checkbox"/> 3.12 Zinc			
<input type="checkbox"/> 3.13 Aluminum			
<input type="checkbox"/> 3.14 Asbestos			
<input checked="" type="checkbox"/> 3.17 Antimony	Graphite Furnace AA	Varian SpectrAA-400	H 3113B
<input checked="" type="checkbox"/> 3.18 Beryllium	ICP	Spectro Analytical FTP-E8	A 200.7
<input checked="" type="checkbox"/> 3.19 Nickel	ICP	Spectro Analytical FTP-E8	A 200.7
<input checked="" type="checkbox"/> 3.20 Thallium	Graphite Furnace AA	Varian SpectrAA-400	X 200.9
<input type="checkbox"/> 3.99 Others			

Please complete the following:

LABORATORY NAME RJ Lee Group, Inc.

LAB DIRECTOR OR REPRESENTATIVE : (Print Name) Alan M. Levine

SIGNATURE: _____ Date: _____

FOR ELAP USE ONLY

Pre-visit form reviewedby: _____ Date: _____

All methods, procedures and instrumentation acceptable: _____

Unacceptable methods (list): _____

Unacceptable variance in procedures/instrumentation (list): _____

FOI 10 INORGANIC CHEMISTRY AND TOXIC CHEMICAL ELEMENTS OF HAZARDOUS WASTE

Analyte	Method Name	Instrumentation	Key/Method No.
[√] 10.1 Antimony	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.2 Arsenic	Graphite Furnace AA ICP	Varian SpectrAA-400 Spectro Analytical FTP-E8	C2 7060A C1 6010A
[√] 10.3 Barium	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.4 Beryllium	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.5 Cadmium	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.6 Chromium, total	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.7 Cobalt	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.8 Copper	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.9 Lead	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.10 Mercury	Cold Vapor AA	Varian SpectrAA-300	C2 7470A
[√] 10.11 Molybdenum	ICP	Spectro Analytical FTP-E8	C1 6010A
[√] 10.12 Nickel	ICP	Spectro Analytical FTP-E8	C1 6010A

Please complete the following:

LABORATORY NAME: RJ Lee Group, Inc.

LAB DIRECTOR OR REPRESENTATIVE (Print Name): Alan M. Levine

SIGNATURE: _____

DATE: _____

FOR ELAP USE ONLY

Pre-visit form reviewed by: _____ Date: _____

[] All methods, procedures and instrumentation acceptable: _____

[] Unacceptable methods (list): _____

[] Unacceptable variance in procedure/instrumentation (list): _____

FOt 10

INORGANIC CHEMISTRY AND TOXIC CHEMICAL ELEMENTS OF HAZARDOUS WASTE continued

Analyte	Method Name	Instrumentation	Key/Method No.
<input checked="" type="checkbox"/> 10.13 Selenium	Graphite Furnace AA ICP	Varian SpectrAA-400 Spectro Analytical FTP-E8	C 7740 C1 6010A
<input checked="" type="checkbox"/> 10.14 Silver	ICP	Spectro Analytical FTP-E8	C1 6010A
<input checked="" type="checkbox"/> 10.15 Thallium	ICP	Spectro Analytical FTP-E8	C1 6010A
<input checked="" type="checkbox"/> 10.16 Vanadium	ICP	Spectro Analytical FTP-E8	C1 6010A
<input checked="" type="checkbox"/> 10.17 Zinc	ICP	Spectro Analytical FTP-E8	C1 6010A
<input type="checkbox"/> 10.18 Chromium (VI)			
<input type="checkbox"/> 10.19 Cyanide			
<input type="checkbox"/> 10.20 Fluoride			
<input type="checkbox"/> 10.21 Sulfide			
<input type="checkbox"/> 10.89 Others (Specify)			

Please complete the following:

LABORATORY NAME: RJ Lee Group, Inc.

LAB DIRECTOR OR REPRESENTATIVE (Print Name) : Alan M. Levine

SIGNATURE: _____ DATE: _____

FOR ELAP USE ONLY

Pre-visit form reviewed by: _____ Date: _____

All methods, procedures and instrumentation acceptable: _____

Unacceptable methods (list): _____

Unacceptable variance in procedure/instrumentation (list): _____

FOI 11 EXTRACTION TESTS OF HAZARDOUS WASTE

Extraction Test	Apparatus	Key/Method No.
[√] 11.1 Waste Extraction Test (WET)	Sieve, Extractor	R Chapt 11, Art 5, Appendix II
[] 11.2 Extraction Procedure Toxicity (EPTox)		
[] 11.3 Toxicity Characteristic Leaching Procedure (TCLP) All classes		
[√] 11.4 TCLP Inorganics Only	TCLP Leaching Mixer	C 1311
[] 11.5 TCLP Extractables Only		
[] 11.5 TCLP Volatiles Only		
[] 11.99 Others (Specify)		

Please complete the following:

LABORATORY NAME: RJ Lee Group, Inc.

LAB DIRECTOR OR REPRESENTATIVE (Print Name) : Alan M. Levine

SIGNATURE: _____ DATE: _____

FOR ELAP USE ONLY

Pre-visit form reviewed by: _____ Date: _____

[] All methods, procedures and instrumentation acceptable: _____

[] Unacceptable methods (list): _____

[] Unacceptable variance in procedure/instrumentation (list): _____

FOI 17 ANALYSIS OF TOXIC CHEMICAL ELEMENTS IN WASTEWATER

Analyte	Method Name	Instrumentation	Key/Method No.
<input type="checkbox"/> 17.1 Aluminum			
<input checked="" type="checkbox"/> 17.2 Antimony	ICP	Spectro Analytical FTP-E8	X 200.7
<input checked="" type="checkbox"/> 17.3 Arsenic	Graphite Furnace ICP	Varian SpectrAA-400 Spectro Analytical FTP-E8	A 206.2 X 200.7
<input checked="" type="checkbox"/> 17.4 Barium	ICP	Spectro Analytical FTP-E8	X 200.7
<input checked="" type="checkbox"/> 17.5 Beryllium	ICP	Spectro Analytical FTP-E8	X 200.7
<input checked="" type="checkbox"/> 17.6 Cadmium	ICP	Spectro Analytical FTP-E8	X 200.7
<input type="checkbox"/> 17.7 Chromium (VI)			
<input checked="" type="checkbox"/> 17.8 Chromium, Total	ICP	Spectro Analytical FTP-E8	X 200.7
<input type="checkbox"/> 17.9 Cobalt			
<input checked="" type="checkbox"/> 17.10 Copper	ICP	Spectro Analytical FTP-E8	X 200.7
<input type="checkbox"/> 17.11 Gold			
<input type="checkbox"/> 17.12 Iridium			
<input type="checkbox"/> 17.13 Iron			
<input checked="" type="checkbox"/> 17.14 Lead	ICP	Spectro Analytical FTP-E8	X 200.7
<input type="checkbox"/> 17.15 Manganese			
<input checked="" type="checkbox"/> 17.16 Mercury	Cold Vapor AA	Varian SpetrAA-300	A 245.1

Please complete the following:

LABORATORY NAME: RJ Lee Group, Inc.

LAB DIRECTOR OR REPRESENTATIVE (Print Name) : Alan M. Levine

SIGNATURE: _____

DATE: _____

FOR ELAP USE ONLY

Pre-visit form reviewed by: _____ Date: _____

All methods, procedures and instrumentation acceptable: _____

Unacceptable methods (list): _____

Unacceptable variance in procedure/instrumentation (list) _____

FoT 17 ANALYSIS OF TOXIC CHEMICAL ELEMENTS IN WASTEWATER continued

Analyte	Method Name	Instrumentation	Key/Method No.
<input type="checkbox"/> 17.17 Molybdenum			
<input checked="" type="checkbox"/> 17.18 Nickel	ICP	Spectro Analytical FTP-E8	X 200.7
<input type="checkbox"/> 17.19 Osmium			
<input type="checkbox"/> 17.20 Palladium			
<input type="checkbox"/> 17.21 Platinum			
<input type="checkbox"/> 17.22 Rhodium			
<input type="checkbox"/> 17.23 Ruthenium			
<input checked="" type="checkbox"/> 17.24 Selenium	Graphite Furnace AA	Varian SpectrAA-400	A 270.2
<input checked="" type="checkbox"/> 17.25 Silver	ICP	Spectro Analytical FTP-E8	X 200.7
<input checked="" type="checkbox"/> 17.27 Thallium	Graphite Furnace AA	Varian SpectrAA-400	A 279.2
<input type="checkbox"/> 17.28 Tin			
<input type="checkbox"/> 17.29 Titanium			
<input type="checkbox"/> 17.30 Vanadium			
<input type="checkbox"/> 17.31 Zinc			
<input type="checkbox"/> 17.32 Asbestos			
<input type="checkbox"/> 17.99 Other (Specify)			

Please complete the following:

LABORATORY NAME: RJ Lee Group, Inc.

LAB DIRECTOR OR REPRESENTATIVE (Print Name) : Alan M. Levine

SIGNATURE: _____ DATE: _____

FOR ELAP USE ONLY

Pre-visit form reviewed by: _____ Date: _____

All methods, procedures and instrumentation acceptable: _____

Unacceptable methods (list): _____

Unacceptable variance in procedure/instrumentation (list) _____

FoT 14 BULK ASBESTOS ANALYSIS

	Method Name	Instrumentation	Reference
[√] 14.1 Bulk Asbestos (1% or greater asbestos concentrations)	Polarized Light	PLM Microscope	R Section 68261.24 (a)(2)(A)

[√] Laboratory certified by NVLAP: Date certified: through 6/30/99 Certificate No.: 101208-00

[] Have applied for NVLAP accreditation: Date applied: _____

Please complete the following:

LABORATORY NAME: RJ Lee Group, Inc.

LAB DIRECTOR OR REPRESENTATIVE (Print Name) : Alan M. Levine

SIGNATURE: _____ DATE: _____

FOR ELAP USE ONLY

Pre-visit form reviewed by: _____ Date: _____

[] All methods, procedures and instrumentation acceptable: _____

[] Unacceptable methods (list): _____

[] Unacceptable variance in procedure/instrumentation (list): _____

SEISCO Engineering and Inspection Services
Professional Member
International Conference of Building Officials

1187 Ocean Avenue
Emeryville, California 94608
(510) 547-8540
FAX (510) 527-7785

510-719-8282

F A C S I M I L E C O V E R S H E E T

DATE: 12-20-00
TO: LARRY SITO
FIRM: Alameda County Environmental Health
PHONE NO: 510-507-6774
FAX NO: 510-337-9335
FROM: TOSHIA
RE: 6335 San Pablo Ave.
NUMBER OF SHEETS: 7
(INCLUDING COVER SHEET)

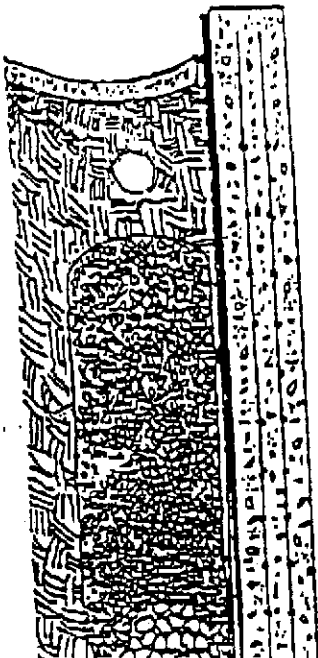
ADDITIONAL INFORMATION:

Following, please find the information
you requested. If anything is missing,
please call me and I will arrange
to get it to you.

PLEASE CONTACT US IF PAGE(S) DO NOT TRANSMIT CLEARLY.

THANK YOU

BY TOSHIA



RJ LeeGroup, Inc.520 McCormick Street, San Leandro, CA 94577
510/567-0480 • 510/567-0488-FAX

TO: TOSH A
COMPANY: SEISCO Eng
FAX NO. 510-~~547~~-~~8540~~ 527-7785
FR: Ben Schiefelbein
DT:
RE: Requested Analytical Methods

Total Number of Pages Transmitted (including cover page) 1**MESSAGE:**

1. BTEX - Modified 8015
2. LEAD - NIOSH 7082
3. TPH gas - Modified 8015

Please call if you
need additional information.

Ben

UNIVERSITY OF CALIFORNIA

UNIVERSITY EXTENSION, DAVIS

IN RECOGNITION THAT

Hugo Giron

HAS ATTENDED THE FOLLOWING PROGRAM

Health and Safety Training for Hazardous Waste Workers

40 Hours Training

April 20-24, 1992



Jarvis Hegler

Compliance Solutions

Quality Training... Permanent Solution

10014 P. 20th Ave., Suite 118, Denver Colorado 80239 Phone: 800-711-2700

Student Affiliation:
Ray Area Structural Inc
28481

Certificate of Completion

This is to certify that
David Benaroya Helfant
has successfully completed the classroom requirements for
8 Hour HAZWOPER Refresher
29 CFR 1910.120(e)

Presented

Friday, November 17, 2000

Compliance Solutions Occupational Trainers, Inc.

Certificate Number: 29699

[Signature]
Naval Captain
Vice President

[Signature]
Larry Erwin
National Training Manager

UNIVERSITY OF CALIFORNIA
UNIVERSITY EXTENSION, DAVIS

IN RECOGNITION THAT

David Helfant

HAS ATTENDED THE FOLLOWING PROGRAM

Health and Safety Training for Hazardous Waste Workers

40 Hours Training

April 20-24, 1992



Janis Hagler



State of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE



License Number **422931** Entity **CORP**

Business Name **BAY AREA STRUCTURAL INC**

Classification(s) **A B HAZ C21**

Expiration Date **05/31/2002**



State of California

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

BAY AREA STRUCTURAL INC



to engage in the business or act in the capacity of a contractor in the following classification(s):

- A - GENERAL ENGINEERING CONTRACTOR
- B - GENERAL BUILDING CONTRACTOR
- HAZ - HAZARDOUS SUBSTANCES REMOVAL
- C21 - BUILDING MOVING, DEMOLITION




Witness my hand and seal this day,

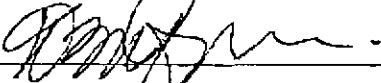
November 22, 1995

Issued May 25, 1982

CERTIFIED COPY



Signature of Licensee



Signature of License Qualifier



Registrar of Contractors

422931

License Number

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



December 7, 2000

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Mr. Mel Bolin
Mr. Virgil V. Bolin, Tr. Etal
5509 Arizona Drive
Concord, CA 94521
STID 1685

RE: Bolin's Service Garage, 6335 San Pablo Avenue, Oakland, CA 94608

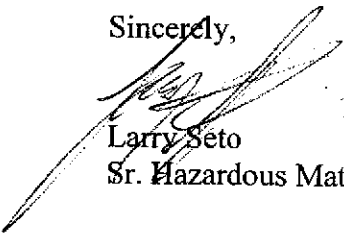
Dear Mr. Bolin:

A letter from this office dated October 25, 2000 was sent to you in response to the workplan dated September 29, 2000 prepared by Seisco Engineering. I met with your consultant, David Helfant with Seisco Engineering and Inspection Services on October 25, 2000. We discussed the contents in my letter dated October 25, 2000, and he said at the time he will respond to my concerns. As of this date, I have not received a response.

I have been transferred to another position within my department effective January 2, 2000. Until that time, I will still be working on your project.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Don Hwang, Alameda County Environmental Health
David Helfant, Seisco Engineering and Inspection Services, 1187 Ocean Avenue,
Emeryville, CA 94608
Leroy Griffin, City of Oakland Fire Services, 1605 Martin Luther King,
Oakland, CA 94612
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Certified Mail Z 330 741 311

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

November 30, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

You were requested to provide information regarding the October 8, 1999 facsimile from your consultant, SEISCO Engineering and Inspection Services, via our letter dated October 28, 1999. To date, we have not received any response from you. Enclosed is a copy of the letter.

Provide the information requested within 30 days. Call me at (510) 567-6746 if you have any questions.

Sincerely,


Don Hwang
Hazardous Materials Specialist

C: David Helfant, SEISCO Engineering and Inspection Services,
1187 Ocean Ave., Emeryville, CA 94608

AWS

File

Enclosure

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and 2 for additional services. Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also want to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

3. Article Addressed to: **STID 685**
Mel Bolin
Vigil V. Bolin, Tr. Etal
5509 ARIZONA DR.
CONCORD, C.A. 94521

4a. Article Number

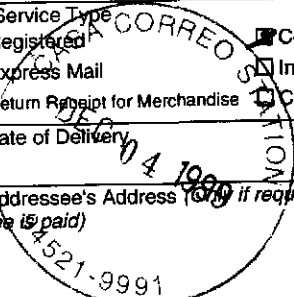
- 4b. Service Type
- Registered Certified
 - Express Mail Insured
 - Return Receipt for Merchandise COD

7. Date of Delivery

8. Addressee's Address (only if requested and fee is paid)

5. Received By: (Print Name)
Melvin R Bolin

6. Signature (Addressee or Agent)
Melvin R Bolin



Thank you for using Return Receipt Service.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



October 25, 2000

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Mr. Mel Bolin
Mr. Virgil V. Bolin, Tr. Etal
5509 Arizona Drive
Concord, CA 94521
STID 1685

Dear Mr. Bolin & Mr. Bolin:

Subject: Bolin's Service Garage, 6335 San Pablo Avenue, Oakland, CA 94608
StId 1685

Mr. Don Hwang and I have reviewed the workplan, "Removal of Contaminated Soils, Former Tank Site #1", dated September 29, 2000 by SEISCO Engineering & Environmental Design Associates. In general this workplan is acceptable, however before final approval can be given to implement this workplan, the following items must be addressed:

- 1) The workplan must be signed with the stamp of a Registered Geologist (R.G.) or Professional Engineer (P.E.). (See sections 6735, 7835 and 7835.1 of the Business and Professions Code). All interpretations and recommendations shall be conducted and provided in accordance with the Business and Professions Code (standard of conduct for R.G. or P.E.) All work must be conducted by the R.G. or P.E. or under their direct supervision.
- 2) The contractor who will do the overexcavation of the contaminated soil must currently be licensed in "A": General Engineering or "C-12": grading & paving. Additionally, the hazardous substance removal certification is required. Please provide copies of your license and certificate.
- 3) Working with hazardous wastes requires the initial 40 hr. HazWopper training and an annual 8 hr. refresher training. Provide documentation of this training.
- 4) Has the underground tank pipeline from the former 550-gallon tank been removed, or is it going to be removed during the implementation of this workplan?
- 5) Impacted soil will be excavated until the "clean line". The term, "clean line" was not defined in the workplan. Please define your definition of "clean line". What criteria are going to be used to determine the "clean line"?
- 6) The site map identifies the overexcavation will continue until it is under the building. Is this accurate? If not, another site map drawn to scale identifying the proposed limit of the overexcavation and sampling points must be submitted. What provision will there be for the shoring of the existing facility and structure? Note that these provisions need to be certified and stamped by a P.E. per the

Uniform Building Code (UBC) or the International Building Code (IBC) as appropriate.

- 7) Identify the criteria for sampling the soil pile. It must satisfy the disposal site's requirements.
- 8) Soil samples need to be collected in thin-walled stainless or brass tubes at least 3 inches long by 1 inch in diameter. About 1 inch of soil needs to be removed from the immediate surface area where the sample is to be taken and the tube then pounded into the soil using a wooden mallet. No headspace should be present in the tube once the sample is collected. When the sample is collected, each end of the tube is to be covered with aluminum foil and then capped with polyethylene lid, taped, and labeled. The sample should then be immediately placed in an ice chest containing dry ice and kept cold (4 degrees C) for delivery to the laboratory.
- 9) A soil sample needs to be collected under the dispenser and pipeline of former tank #2 (1,000 gallon gas). The samples must be tested for the presence of TPH(gas), BTEX, lead, and MTBE. If MTBE is detected, it should be confirmed using EPA method 8260. Currently, the soil to be tested lies below pavement. How will the native soil be accessed under the pipeline and the dispenser? Please have your laboratory identify the test methods they will use to test for TPH(gas), BTEX and lead.
- 10) A standard practice going back to the Leaking Underground Fuel Tank manual (LUFT), groundwater samples should be collected in a manner that reduces or eliminates the possibility of loss of volatile constituents from the sample. A gas-actuated positive displacement pump or a submersible pump is preferred. A decontaminated Teflon or stainless steel bailer for each groundwater sample is acceptable.
- 11) A grab water sample or a purged sample can be collected from the well since the sample most likely has been compromised. (Well was not screen properly, and without a seal). A purged water sample may be more representative of the groundwater since surface contaminants entering the well maybe remove. If a purged sample is taken, purging should be continued until temperature, conductivity, and pH stabilize. A sample can be taken after the water level approaches 80% of its initial level. Where water level recovery is slow, the sample can be collected after stabilization is achieved.
- 12) The water samples must be test for TPH(gas), BTEX, lead, and MTBE. The volatile water samples must be collected in VOA vials and sampled in such a manner to minimize headspace loss. The water sample for lead must be filtered onsite, and may be collected in a 125 ml glass or polyethylene container with nitric acid as a preservative. The samples should be placed in an ice chest maintained at 4 degrees C with blue ice (care should be taken to prevent freezing of the water and bursting of the glass vial).
- 13) Identify the California certified laboratory that will perform the chemical analyses, and the test methods that will be used to test for TPH(gas), BTEX, lead, and MTBE.
- 14) A permit to close the sampling well must be obtained by calling Alameda County Public Works. The contact person is James Yoo at (510) 670-6633. The well must be sealed immediately after a sample is collected.

- 15) What is the status of the soil cuttings and purged water from the previous investigation? If they have not been transported off-site for disposal, then they must be stored in a closed container, properly labeled, and tested to determine if they are hazardous.
- 16) The report for this phase of the investigation should contain, but shall not be limited to the following: a site map drawn to engineering scale clearly identifying the limits of the overexcavation and locations and depth of all the sampling points (e.g., soil and groundwater), copies of all manifests and bills of lading identifying soil quantities and final disposal location, laboratory analyses, and chain of custody. Use "Appendix A" as an outline to be followed.

All work must adhere to Regional Water Quality Control Board Tri-Regional Guidelines and the Leaking Underground Fuel Tank guidelines. Please submit an amended workplan to my attention.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto

Sr. Hazardous Materials Specialist

Cc: Don Hwang, Alameda County Environmental Health
David Helfant, Seisco Engineering and Inspection Services, 1187 Ocean Avenue,
Emeryville, CA 94608
Leroy Griffin, City of Oakland Fire Services, 1605 Martin Luther King,
Oakland, CA 94612

✓ Files

Bolin
9/6/00 meeting
Mel + Virgil Bolin, Helfert, LS, TP, AL

500 + 1000 gal gas tank
1000 - had contam

removed 88

Flying A

Mobil

not in cleanup fund

dispenser pit smelled of gas line
some odor at other locations

ded restriction - AL
onsite only

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

August 8, 2000

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521


Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stld 1685

Dear Mr. Bolin:

Ariu Levi of our office forwarded your consultant's (SEISCO Engineering & Inspection Services) letter of July 31, 2000 to me. We discussed his notification that he will proceed with the proposed work by August 15, 2000 "if no additional data is requested." As conveyed through the telephone message I left with your consultant's office on August 3, 2000, although we will try to respond to his proposals by that date, you are reminded that any work done without the approval of this office is unauthorized.

Call me at (510) 567-6746 if you have any questions.

Sincerely,


Don Hwang
Hazardous Materials Specialist

C: David Helfant, SEISCO Engineering and Inspection Services,
1187 Ocean Ave., Emeryville, CA 94608

Ariu Levi 

File

00 AUG 10 PM 3:02
ENVIRONMENTAL
PROTECTION

August 7, 2000

To: Mr. Ariu Levy, Division Chief
Environmental Protection Division, ACHSA
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

From: Virgil V. Bolin
1990 Magnolia Way
Walnut Creek, CA 94595
Work Phone: (510) 547-8585
Fax: (510) 547-6833

Re: Removal of Contaminated Soil

Dear Mr. Levy:

We wish to proceed with the removal of contaminated soil from our property located at 6335 San Pablo Avenue, Oakland, CA as soon as possible.

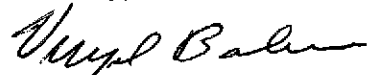
Currently we are having problems proceeding due to lack of communication and cooperation of the case worker, Don Hwang. We have filed written complaints previously. These extra delays are causing financial damage as our tenant was prepared to take possession of said property in May, 2000.

Would it be possible to replace Mr. Hwang or find someone to assist him with the project so we may bring final closure to this matter immediately?

You may contact me anytime with any suggestions you might have.

Thank you.

Sincerely,



Virgil Bolin, Owner

cc: Melvin Bolin
David Benaroya Helfant, Ph.D., M.ASCE

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

October 28, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

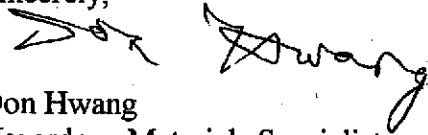
A review of the October 8, 1999 facsimile response to my letter of September 30, 1999 from your consultant, SEISCO Engineering and Inspection Services, prompted the following amendments:

- 1) The California Regional Water Quality Control Board (Appendix A, Workplan for Initial Subsurface Investigation) requires boring logs for monitoring wells. Identification of soil types is useful in determining contaminant fate and transport.
- 2) Seals are required for groundwater monitoring wells. (Ca. Code of Regulations, Title 23, Div. 3, Chap. 16, Sec. 2649(d)-(7); Alameda County Ordinance Code, Title 3, Chap. 6, Article 14; Department of Water Resources Standards for Well Construction Bulletin 74-81, Chap. II, Pt. II, Sec. 9). The proposal for a "seal-tite" lid does not satisfy the requirement for an annular seal. Retrofitting the well with a seal would appear to be more difficult than to destroy it and replace it with another well. Unless you're planning to retrofit the well with a seal, it must be destroyed. If you are planning to retrofit the well, then submit a proposal. Otherwise, obtain a permit to destroy the well from the Alameda County Public Works Agency.
- 3) "SDR 35 PVC" was not on a list of piping commonly used for wells. Provide a specification sheet for this.
- 4) Identify the measuring instrument that was used to measure depth to groundwater and how this was done.
- 5) The use of a hand pump may result in the volatilization of Volatile Organic Aromatics (VOA's). The description provided does not indicate that volatilization was minimized. Therefore, another groundwater sample is required. Provide another proposal for the collection of a groundwater sample.
- 6) The procedure where "Soil samples were removed from the ... auger and placed in ... brass tubes..." does not minimize the volatilization of VOA's. Therefore, the soil

- must be resampled. You will need to submit a proposal to collect soil samples which minimizes the disturbance of the soil so as to minimize the volatilization of VOA's.
- 7) Since waste soil generated from drilling (i.e. drill cuttings, unused soil collected for sampling), and waste groundwater from purging haven't been disposed offsite, how are they being stored and how will they be disposed?
 - 8) On the analytical report, the methods used were not stated. Request the laboratory to submit a report stating the methods used.
 - 9) My letter dated April 2, 1999 indicated that the soil samples needed to be analyzed for benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl- tert-butyl ether (MTBE) in addition to Total Petroleum Hydrocarbons as Gasoline (TPH-G). Soil samples must be collected under the former locations of the dispensers and along the pipelines for the analyses of all of these contaminants.

Provide the information requested within 30 days. Call me at (510) 567-6746 if you have any questions.

Sincerely,



Don Hwang
Hazardous Materials Specialist

C: David Helfant, SEISCO Engineering and Inspection Services,
1187 Ocean Ave., Emeryville, CA 94608



File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

October 28, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

A review of the October 8, 1999 facsimile response to my letter of September 30, 1999 from your consultant, SEISCO Engineering and Inspection Services, prompted the following amendments:

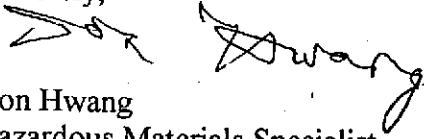
- 1) The California Regional Water Quality Control Board (Appendix A, Workplan for Initial Subsurface Investigation) requires boring logs for monitoring wells. Identification of soil types is useful in determining contaminant fate and transport.
- 2) Seals are required for groundwater monitoring wells. (Ca. Code of Regulations, Title 23, Div. 3, Chap. 16, Sec. 2649(d)-(7); Alameda County Ordinance Code, Title 3, Chap. 6, Article 14; Department of Water Resources Standards for Well Construction Bulletin 74-81, Chap. II, Pt. II, Sec. 9). The proposal for a "seal-tite" lid does not satisfy the requirement for an annular seal. Retrofitting the well with a seal would appear to be more difficult than to destroy it and replace it with another well. Unless you're planning to retrofit the well with a seal, it must be destroyed. If you are planning to retrofit the well, then submit a proposal. Otherwise, obtain a permit to destroy the well from the Alameda County Public Works Agency.
- 3) "SDR 35 PVC" was not on a list of piping commonly used for wells. Provide a specification sheet for this.
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must be resampled. You will need to submit a proposal to collect soil samples which minimizes the disturbance of the soil so as to minimize the volatilization of VOA's.

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- 9) My letter dated April 2, 1999 indicated that the soil samples needed to be analyzed for benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl- tert-butyl ether (MTBE) in addition to Total Petroleum Hydrocarbons as Gasoline (TPH-G). Soil samples must be collected under the former locations of the dispensers and along the pipelines for the analyses of all of these contaminants.

Provide the information requested within 30 days. Call me at (510) 567-6746 if you have any questions.

Sincerely,



Don Hwang
Hazardous Materials Specialist

C: David Helfant, SEISCO Engineering and Inspection Services,
1187 Ocean Ave., Emeryville, CA 94608



File

SEISCO Engineering and Inspection Services
Professional Member
International Conference of Building Officials

1187 Ocean Avenue
Emeryville, California 94608
(510) 547-8540
FAX (510) 527-7785

F A C S I M I L E C O V E R S H E E T

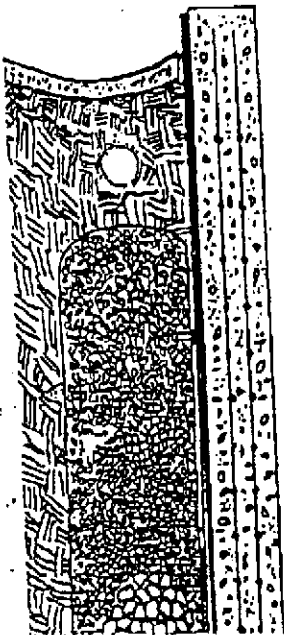
DATE: 10/12/99
TO: DAVID HWAHIG
FIRM: EAV. PRO. DIV.
PHONE NO: 567-6700
FAX NO: 337-9335
FROM: DB HELFANT
RE: 6335 SAN PABLO AVE
NUMBER OF SHEETS: 2
(INCLUDING COVER SHEET)

ADDITIONAL INFORMATION:

PLEASE CONTACT US IF PAGE(S) DO NOT TRANSMIT CLEARLY.

THANK YOU

BY [Signature]



SEISCO Engineering and Inspection Services

Professional Member

International Conference of Building Officials

1187 Ocean Avenue

Emeryville, California 94608

(510) 547-8540 FAX (510) 527-7785

Industrial, Civil, Structural and Architectural Engineering, Construction Management, Hazardous Material Removal & Remediation

David Benaroya Helfant, Ph.D., M.ASCE, ICBO

Environmental, Seismic and Drainage Design

Structural and Engineering Inspections

Eric M. Cox, SE

Structural Engineering, Construction Management

Paul A. Charles, MSCE, P.E.

Civil and Structural Engineering

Michael S. Noell, M.Arch., A.I.A.

Architecture and Planning

October 8, 1999

Mr. Don Hwang, Hazardous Materials Specialist

Environmental Protection Division, ACHCSA

1131 Harbor Bay Parkway, Ste. 250

Alameda, CA 94502-6577

510-567-6700, F: 337-9335

RE: 6335 San Pablo Avenue, Oakland, CA 94608, Stid 1685**Soil Sampling: Mr. Mel Bolin, 6335 San Pablo Avenue, Oakland, CA -Stid 1685**

Dear Mr. Hwang:

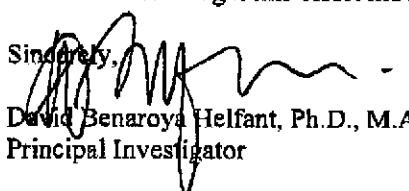
As regards to the meeting that took place on August 4, 1999, the purpose of that meeting was for my client to express dissatisfaction with the delays in the response of the section to the sampling plan and final-second closure thus far. Additionally, we expressed doubt whether we could depend on you to assist in moving the site toward final closure in an efficient, cooperative manner. We want to move this forward.

As regards your letter dated 9/30/99, the following are our responses:

1. The soils log for the groundwater well were neither requested, nor relevant to water analysis in this case.
2. Proper sloping and the shedding of waters around the groundwater test well lid exists. A seal-tite lid for the well can be retrofitted. The suggestion that the well be destroyed is a non sequitur, and represents unnecessary expense as the groundwaters must be retested anyway. I will advise a seal-tite lid, but not the destruction of the well.
3. SDR 35 PVC is a suitable pipe well screen material.
4. Depth to groundwater varies with the tides, but was measured at 10-ft from grade at the time it was measured. This was measured with a measuring instrument (English units).
5. A hand pump has one end used to suck water. After water enters the draw tube it is transferred into a laboratory collection bottle. The methods are clearly described in the final report, and the equipment was sterilized prior to use.
6. The method of soils collection was well described in the report dated 9/9/99. A split spoon sampler to which you refer was not used. For your request for an explanation for differences in sampling methods, I must refer you to your supervisor or engineering geologist, but blow counts are not relevant to lab analysis for chemical contamination.
7. No excess soil was removed from the site. No "bill of lading" is required. You already are in possession of chain of custody for the samples. This was sampling, not removal.
8. The analytical methods are spelled out by the state certified laboratory. For further questions please call the number listed for the laboratory director.
9. The soil samples were analyzed accordingly to your letter of April 2, 1999.

Again, we await some direction regarding closure. If you do not feel confident to assist in this, please refer this to someone who can get this effort moving expediently toward closure.

Sincerely,



David Benaroya Helfant, Ph.D., M.ASCE
Principal Investigator

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

September 30, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

On August 4, 1999, Dick Pantages, Chief of Environmental Protection, and I met with your consultant, David Helfant and you. Mr. Helfant indicated that his company had collected soil and groundwater samples at the aforementioned site. However, his workplan for soil and groundwater sampling dated July 11, 1999 by SEISCO Engineering and Inspection Services was not approved. Because the work was already done, he was requested to submit a report of the activities completed.

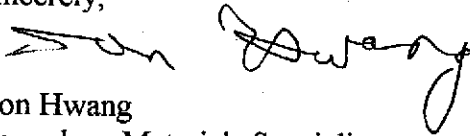
A review of the report, "Soil Sampling Plan, Results, and Analysis" dated September 9, 1999 by SEISCO Engineering and Inspection Services prompted the following questions:

- 1) A boring log for the monitoring well was not provided. A graphic log drawn to scale showing the different depth intervals, blow counts, and Unified Soil Classification System group symbols and names, is required. The group symbols used on the chain of custody form: FG, C, O, FS, MC, P, C, do not correspond to those of the Unified Soil Classification System. (attachment 5 of the report)
- 2) The monitoring well was not sealed which allows the annular space around the casing to be a conduit for surface waters to the groundwater aquifer. Therefore, the well must be destroyed. Obtain a permit to destroy the well prior to its destruction. (attachment 3 of the report)
- 3) "SAR 35 PVC" was not on a list of piping commonly used for wells. Provide a specification sheet for this. (p. 4 of the report)
- 4) Depth to groundwater was not measured. Describe how it will be measured. (p. 9 of the report)
- 5) How was a hand pump used to remove the water from the monitoring well? (p. 5 of the report)

- 6) "Soil samples were removed from the ... auger and placed in ... brass tubes... The tubes were filled so that no headspace was present in the tube." When soil samples are collected using a hollow stem auger, typically, the soil samples are collected in a split spoon sampler. Explain why your method differs. (p. 5 of the report)
- 7) Provide a bill of lading for the excess drilling soils which indicates the facility where the soils were disposed.
- 8) On the analytical report, the methods used were not stated. State. (attachment 6 of the report)
- 9) The soil samples collected under the former locations of the dispensers and along the pipelines were not analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G). They were only analyzed for benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl- tert-butyl ether (MTBE). The soil under the former locations of the dispensers and along the pipelines must be resampled and analyzed for TPH-G. (attachment 6 of the report)

Provide the information requested within 30 days. Call me at (510) 567-6746 if you have any questions.

Sincerely,



Don Hwang
Hazardous Materials Specialist

C: David Helfant, SEISCO Engineering and Inspection Services,
1187 Ocean Ave., Emeryville, CA 94608

 files

ENVIRONMENTAL
PROTECTION

ALAMEDA COUNTY

HEALTH CARE SERVICES 99 AUG 24 PM 4:41

AGENCY

DAVID J. KEARS, Agency Director

Virgil Bolin
1990 MAGNOLIA WAY
W.C. 94595

Patricia Cantrell
16 PARROT COURT
W.C. 94596

August 10, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Wynna Bolin
2560 WRIGHT AVE
PINOLE 94564

Re: Bolin's Service Garage, 6335
Stid 1685

MELVIN BOLIN
5509 ARIZONA DR.
CONCORD 94521

Dear Mr. Bolin:

LANDOWNER NOTIFICATION

This letter is to inform you of new leg closure of sites where an unauthorized petroleum, has occurred from an unde of Ch. 6.7 of the Health & Safety Cod notify all current record owners of fee site closure proposal, 3) a local agency action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.



ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

August 10, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

Mr. Bolin
Page 2 of 2
August 10, 1999

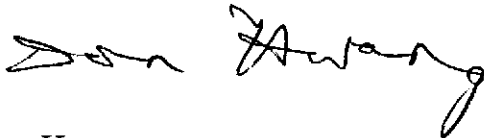
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6746 should you have any questions about the content of this letter.

Sincerely,



Don Hwang
Hazardous Materials Specialist

Enclosures

C: file

SEISCO Engineering and Inspection Services
Professional Member
International Conference of Building Officials

1187 Ocean Avenue
Emeryville, California 94608
(510) 547-8540
FAX (510) 527-7785

F A C S I M I L E C O V E R S H E E T

DATE: 1/22/99
TO: MR. LARRY SETO
FIRM: ENV. PRO. DIV
PHONE NO: 567-6774
FAX NO: 337-9335
FROM: DEH J EK
RE: 6325 SAN PABLO AVE
NUMBER OF SHEETS: 16
(INCLUDING COVER SHEET)

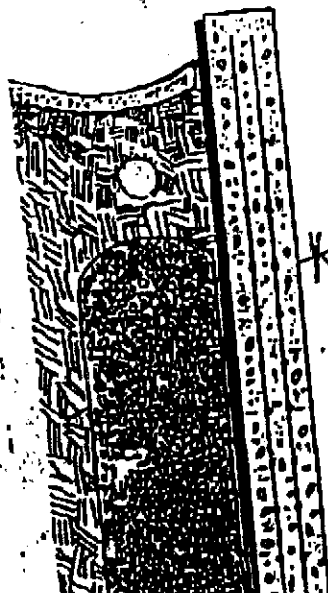
ADDITIONAL INFORMATION:

HERE IS A COPY OF OUR PLAN FOR
SAMPLING. WE ARE TRANSPORTING
SOIL + WATER SAMPLES TO CERTIFIED LAB.
TODAY. WE WILL OBTAIN PERMIT FOR THE
TEST WELL TOMORROW.
SHOULD YOU HAVE ANY QUESTIONS CALL ME
DIRECT @ 510-719-8282.
WE LOOK FORWARD TO A MORE COOPERATIVE EFFORT
WITH YOU - DEH J EK

PLEASE CONTACT US IF PAGE(S) DO NOT TRANSMIT CLEARLY.

THANK YOU

BY _____



SEISCO Engineering and Inspection Services

Professional Member
International Conference of Building Officials

1187 Ocean Avenue
Emeryville, California 94608
(510) 547-8540 FAX (510) 527-7785

Industrial, Civil, Structural and Architectural Engineering, Construction Management, Hazardous Material Removal & Remediation

David Benaroy Helfant, Ph.D., M.ASCE, ICBO

Environmental, Seismic and Drainage Design
Structural and Engineering Inspections

Eric M. Cox, SE

Structural Engineering, Construction Management

Paul A. Charles, MSCE, P.E.

Civil and Structural Engineering

Michael S. Noell, M.Arch., A.I.A.

Architecture and Planning

July 22, 1999

Mr. Dick Pantages, Chief and Mr. Mark Peacock, Supervisor
Environmental Protection Division
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Ste. 250
Alameda, CA 94502-6577
510-567-6700 F: 510-337-9135

RE: Response to Letter of 7/16/99 mailed on 7/20/99 by Don Hwang-
"Hazardous Materials Specialist" regarding
Quality Control Plan for Soil Sampling: Mr. Mel Bolin, Bolin's Service Garage,
6335 San Pablo Avenue, Oakland, CA -Stid 1685

Dear Mssrs. Pantages and Peacock:

My client, a cooperative owner of the above referenced property, is clearly angered by the obstructionist letter from a Don Hwang in your department, which is filled with errors and is clearly uncooperative.

1. This firm specifically faxed Mr. Hwang the Quality Control Plan for Sampling on July 13, 1999 and stated in writing: "If you need anything additional [or changes] call the undersigned." We indicated several phone numbers for you reach anyone in this office.

Mr. Dick Pantages, Chief and
Mr. Mark Peacock, Supervisor

Mr. Hwang failed to do this.

This firm specifically followed the suggested format "Appendix A: Workplan for Initial Subsurface Investigation" dated August 20, 1991, though it is not entirely appropriate for a re-sampling.

Furthermore, the Appendix A sent by Mr. Hwang is prescriptive in nature: Let me be clear that this firm does not want Don Hwang telling us how to format in specific our Quality Control Plan, other than to provide the standard guide for us to follow; though we are very receptive to your employec's potential needs for either additions, corrections, or clarification.

2. This firm specifically indicated that we were proceeding to collect samples under the tenets of its Quality Control Plan for certified laboratory analysis beginning on or about Saturday, July 17, 1999 to reduce to impact of the sampling process on the existing businesses in the immediate area. Sampling actually began on July 19th, six days after Mr. Hwang received our plan. Mr. Hwang failed to call us with requests for any additional information, failed to respond in any way to us- the firm handling the sampling and carrying primary responsibility for the Quality Control Management.

Instead of calling this firm for any changes or additions, Mr. Hwang chose to write our client, enraging him with his and the County's failure to contact us, for failing to facilitate his efforts to complete the County's request, and for his mostly misdirected and unnecessary comments.

Proper courtesy involves calling the firm charged with the responsibility, and working cooperatively and efficiently toward getting the clarification that the specialist might need. If Hwang doesn't know it yet, someone ought to inform him that his primary responsibility in as a County employec in this branch is to facilitate moving toward closure on these matters. **This firm resents the fact that we're put in the position of having to cite to one of your employees what his responsibilities are or how to properly, cooperatively exercise them with the lay and professional public.** You clearly have a dysfunctional pattern there with this guy and how he interfaced with the parties responding to the County's request.

3. The Civil Engineers are clearly listed on the firm's letterhead. Had he needed a signature, or if one was inadvertently omitted, Hwang could have called us and we would have shown the team by signature.

4. The site map is approximately to scale, and, otherwise, the noted monuments and sampling locations clearly conform to the County's request. If the employec can't read

Mr. Dick Pantages, Chief and
Mr. Mark Peacock, Supervisor

a site plan, he ought not be working in his job. A review of his own letter, the past history of the of previous sampling and closure documents clearly show that the number and locations of the samples are accurate and conforming.

5. Mr. Hwang failed to properly direct our client or us to the need to procure a permit for the liquid sampling well, even though in writing we requested any additional items he thought necessary. We have no problem with procuring a well permit and we will proceed to secure one.

6. Mr. Hwang is either confused or uninformed about well screens, how monitoring wells are constructed, or what a "cap" is. His comment about "development and equilibrium" in the well is confused and pitiful; if it's meant to show anything or serve as a guide for any effort we can't figure out what that might be.

7. Hwang's confusion about what a certified laboratory groundwater sampling beacon is, is truly curious: How can this guy be effectively executing his responsibilities, serving your office, or my client, if he doesn't already know that a laboratory collection beacon for this kind of groundwater sampling is already made of VOA glass!!


8. Hwang's gratuitous comments regarding what certifications must be present in order to collect the samples merely wastes more time laboring the obvious and insulting the principals of this firm. If this is a typical behavior style manifest in the attitude he brings to work and our public, let this put you on notice that both this firm and our client will hereafter refuse to communicate its findings to him and demands his immediate replacement.

9. Procedures for the destruction of the well are not incorporated into the Quality Control Plan and will be presented at the appropriate time upon review of the results.

We will not look kindly toward being forced to work with Don Hwang when we prepare and present the results of the sampling. Furthermore, in the event that we are forced to communicate with this hazardous materials specialist, in light of his attitude and conduct, we will formerly register a complaint with the Alameda County Board of Supervisors and we will communicate our criticisms to those responsible for his actions and work conduct.

Sincerely,


David Benaroya Helfant, Ph.D., M.ASCE
attachment


Eric M. Cox, PE, CE, SE

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

July 16, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

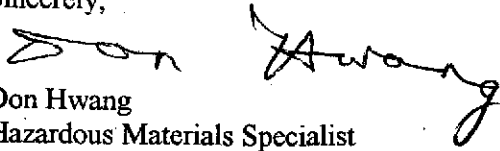
Dear Mr. Bolin:

The workplan for soil and groundwater sampling dated July 11, 1999 by SEISCO Engineering and Inspection Services is disapproved for the following reasons:

- 1) The workplan is not signed by a California registered engineer or a California registered geologist.
- 2) The site map is not to scale and does not indicate which direction is north.
- 3) The method for collecting the soil samples beneath the underground tanks, piping, and dispensers is not described.
- 4) A permit from Alameda County Department of Public Works (Andreas Godfrey 510/670-5575) is required to install a groundwater monitoring well.
- 5) How the groundwater gradient is determined is not indicated. The proposed location of the groundwater monitoring well may not be down gradient from the former location of the underground tanks.
- 6) A 14 feet depth hole may not be adequate to collect a groundwater sample.
- 7) A fully perforated well screen is unacceptable. An annular seal is required which meets the requirements of the Department of Water Resources Standards for Well Construction (Reference Bulletins 74-81 and 74-90 on Water Well Standards). The well casing needs to have a bottom cap or plug as well as a casing cap. The top of the monitoring well needs to be protected by a locking cover.
- 8) Procedures for adequate development and equilibrium of the well have not been provided.
- 9) A beaker is not suitable for the groundwater analyses required. VOA bottles and 1 L polyethylene bottles are required.
- 10) The logging of soil samples during drilling of the well must be prepared by a professional geologist or a civil engineer who is registered or certified by the State of California and who is experienced in the use of the Unified Soil Classification System or a technician trained and experienced in the use of the Unified Soil Classification System if the individual is working under the direct supervision of one of the aforementioned professionals and the professional reviews the logs and assumes responsibility for the accuracy and completeness of the logs.
- 11) Procedures for the destruction of the well are inadequate. A permit from Alameda County Department of Public Works (Andreas Godfrey 510/670-5575) is required to destroy a groundwater monitoring well. The well must be completely filled with sealing material and may have to be placed under pressure.

Use the enclosed "Appendix A, Workplan for Initial Subsurface Investigation" as a guide to produce a workplan. Please call me at (510) 567-6746 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Don Hwang". The signature is written in a cursive style with a large, sweeping "H" and a long, trailing "g".

Don Hwang
Hazardous Materials Specialist

C: files
Enclosure

SEISCO Engineering and Inspection Services
Professional Member
International Conference of Building Officials

1187 Ocean Avenue
Emeryville, California 94608
(510) 547-8540
FAX (510) 527-7785

F A C S I M I L E C O V E R S H E E T

DATE: 7/13/99
TO: DAVID HUNG, H.M. SPECIALIST
FIRM: ACHC SERVICES AGENCY
PHONE NO: 567-6700
FAX NO: 510-337-9335
FROM: DAVID HELFANT
RE: SAMPLE - 6335 SAN PABLO AVE
NUMBER OF SHEETS: 14
(INCLUDING COVER SHEET)

ADDITIONAL INFORMATION:

Don - if you need anything
additional, please call me
at the office or my cell phone - 510-7198282

PLEASE CONTACT US IF PAGE(S) DO NOT TRANSMIT CLEARLY.

THANK YOU

BY [Signature]



SEISCO Engineering and Inspection Services

Professional Member

International Conference of Building Officials

1187 Ocean Avenue

Emeryville, California 94608

(510) 547-8540 FAX (510) 527-7785

Industrial, Civil, Structural and Architectural Engineering, Construction Management, Hazardous Material Removal & Remediation

David Benaroya Helfant, Ph.D., M.ASCE, ICBO

Environmental, Seismic and Drainage Design
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Civil and Structural Engineering

Michael S. Noell, M.Arch., A.I.A.

Architecture and Planning

July 11, 1999

Mr. Don Hwang, Hazardous Materials Specialist

Alameda County Health Care Services Agency

1131 Harbor Bay Parkway, Ste. 250

Alameda, CA 94502-6577

510-567-6700 F: 510-337-9335

SUBJECT: Quality Control Plan for Soil Sampling: Bolin's Service Garage,

6335 San Pablo Avenue, Oakland, CA -Stid 1685

RE: Ten year Follow-Up to the Approved Closure Which Took Place 4/11/88 &

5/23/88

Dear Mr. Hwang:

As per your request and pursuant to Title 23, CCR, Section 2722 (c), the following quality control plan is presented to satisfy your request dated April 2, 1999, for the above referenced closed site.

Please feel free to call the undersigned for any additional information. Due to the daily occupancy of the neighboring property, drilling for sampling may need to be done on the weekend to limit disruption of their normal business activity.

Sincerely


David Benaroya Helfant, M.ASCE

Principal

SEISCO Engineering and Inspection Services

Professional Member

International Conference of Building Officials

1187 Ocean Avenue

Emeryville, California 94608

(510) 547-8540 FAX (510) 527-7785

Industrial, Civil, Structural and Architectural Engineering, Construction Management, Hazardous Material Removal & Remediation

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Architecture and Planning

July 11, 1999

Mr. Don Hwang, Hazardous Materials Specialist

Alameda County Health Care Services Agency

1131 Harbor Bay Parkway, Ste. 250

Alameda, CA 94502-6577

510-567-6700 F: 510- 337-9335

Quality Control Plan for Soil Sampling:

Bolin's Service Garage, 6335 San Pablo Avenue, Oakland, CA -Stid 1685

RE: Ten year Follow-Up to the Approved Closure Which Took Place 4/11/88 & 5/23/88

Dear Mr. Hwang:

As per your request and pursuant to Title 23, CCR, Section 2722 (c), the following quality control plan is presented to satisfy your request dated April 2, 1999, for the above referenced closed site:

1. Statement of Scope of Work:

Two previously removed UST's (removed and closure secured in 1988) at 6335 San Pablo Avenue contained gasoline. One a 550 gallon tank, the other a 1000 gallon tank. Each were properly inserted, removed and the metal recycled. The soils originally

collected at the former locations, were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G). **Additional analyses will be performed. These include benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl-tert-butyl ether (MTBE).**

Pursuant to Title 23, CCR, Section 2722© the additional reports, sampling procedures, field methodology and laboratory analysis will be provided.

1. Beneath The Two Former Tank Sites:

At each of the two former tank sites, two soil samples will be collected from the locations, beneath where the tanks were originally bedded. This will produce 4-soil samples to be analyzed as per the above additional profile.

2. Beneath the Product Piping from The Former Tank Sites to the Former Dispensers:

Beneath every 20-feet of original product piping that extended from the tanks to the dispensers one sample will be collected. Therefore, at site #1, since the original piping was greater than 20-feet but less than 30-feet, two samples will be collected in the soil lens that is found beneath the piping. At site #2, the underground piping run was less than 10-feet, therefore, one soil sample will be collected.

3. Beneath the Two Product Dispensers:

Beneath each of the two product dispensers one soil sample will be collected and analyzed pulled from the soil lens that is found in the subsurface soil layer below the original location of the dispensers.

4. Groundwater Sample Within 10-feet of Site #2:

Due to the >2,400 ppm TPH-G that was found and removed under permit and manifest at site #2, a groundwater sample will be pulled within 10-feet downgradient of this site. An 8-inch diameter augured hole will extend to 4-feet below the original base of the former tank, a depth of approximately 14-feet. A two inch diameter schedule 40 well screen, fully perforated will be placed the full length of the boring. An 8-inch diameter round concrete box with concrete lid will be used for capping and access. After 24-hours a water sample will be collected in a sanitized glass beaker, sealed, visually characterized for coloration, sheen, and particulate contents, and immediately refrigerated and transported to the analytical laboratory for analysis within the 24-hour period.

The groundwater sample will be analyzed for benzene, toluene, ethyl benzene, xylene, (BTEX), lead, and methyl- tert-butyl ether. EPA analytical laboratory analysis methods to be employed are EPA 8020 [BTEX}, and EPA 7420 [lead].

The downgradient groundwater sampling well, will remain until laboratory tests reveal the characterization of the groundwater. Upon approval from the County, the well site will be permanently capped by filling with clean sand and grouting at the surface.

2. Site Location:

The site is the former repair shop formerly known as Bolin's Service Garage> Mr. Bolin was in the business of repairing vehicles. The former shop is located at the corner of San Pablo Avenue and 64th Street in North Oakland, near the Berkeley and Emeryville borders. The former business is accessed through 64th Street.

3. Background and Site History:

The owner operated a repair shop for 30-years, and the property has been in the family for at least this period of time. No other record of business activities is found, and the site is thought to have been largely vacant prior to the establishment of Mr. Bolin's business. The service garage had two UST's for gasoline, one a 550 gallon tank nearest the shop structure, and a second one located adjacent to a driveway. The owner had both tanks removed in 1988. The sale of gasoline was not part of the business services offered at Bolin's garage and the tanks were lightly used.

Upon removal and sampling >2,400 ppm TPH-G was found in soil sample hole #2 below the 1,000 gallon tank adjacent to the driveway. All contaminated soils were removed and transported to an approved landfill under manifest. Site closure was granted.

4. Site Description:

The immediate site is adjacent to a printing shop and a concrete saw cutting company. The site is bordered by San Pablo Avenue, 64th Street and to the west, Marshall Street. [See the attached map.] The map indicates where the original tanks were found, where the dispensers were located and where the piping to the dispensers were installed. One tank is within the general repair area, the other in a parking area for a neighboring business. As the latter is a full time operation, sampling in the second location will likely be performed on a Saturday to minimize disruption of the tenants business activity. All of these items were removed under permit, manifest, and the site received closure status from the County of Alameda Environmental Health

Services in 1988.

Noted on the map is a sewer line, that will be avoided during the sampling.

Since one water sample is requested within 10-feet down gradient of the one tank where contaminated soil was found, under permit excavated, and under manifest properly removed in 1988, the location of the monitoring well is noted on the drawing.

Other than the existing sewers, no known subsurface conduits or underground utilities are found in the areas where soil sampling will take place. We note that the site is flat and level, and much of it is paved with asphalt or concrete. Currently, the site is unused, as the owner has retired his business and only occasionally visits the shop. No structures from the original petroleum tanks are found.

5. Purpose of this Sampling:

The primary purpose of the soil sampling is a 10-year follow up with additional testing and analysis now required for benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl-tert-butyl ether (MTBE). The original analysis was for Total Petroleum Hydrocarbons as Gasoline (TPH-G). Therefore, additional soil borings of the native soil must be collected for analyzed for the additional contaminants.

To our knowledge, there is no evidence of any existing subsurface soil contamination related to the old buried tanks, as the tanks, appurtenant product piping and dispensers, and all contaminated soil was fully removed in 1988, under manifest and permit.

The samples beneath the former tank sites should be to 8-feet below grade where the 550 gallon gasoline tank near the repair shop was located, 11-ft 8-inches [-+] below grade where the 1,000 gallon gasoline tank in the parking area was located, with 4-foot deep samples for piping and dispensers. We believe the depth of grade to groundwater will be less than 16-feet, and we do not expect groundwater to be found except in the area where a sixteen foot test well will be drilled. This will be located within 10-feet downgradient from the site where formerly soil contamination was found and removed.

6. Field Sampling Methodology:

The following quality control plan for field sampling methodology will be utilized to generate the samples required by the Environmental Health Services Department.

.1 Equipment: A hydraulically driven 8-inch diameter hollow stem full flight auger will be mounted to a hydraulic motor powered by a New Holland 51-horsepower Yanmar Diesel Engine. This work will be performed by Bay Area Structural, Inc. Of Oakland, California, a licensed General Engineering and Hazardous Materials Removal and Remediation Contractor licensed by the State of California to perform such work.

.2 Quality Control/Site Manager for Sampling: All samples will be collected under the supervision of David Benaroya Helfant, Ph.D., M.ASCE, who will serve as Quality Control Manager for the sampling. Dr. Helfant is formerly trained in Quality Control by the Army Corps of Engineers, and the United States Navy. Dr. Helfant has nearly 17-years of similar work in which has served as chief quality control officer and site safety officer on many environmentally sensitive investigation and clean-up projects, most notably the successful clean-up of the Navy's Monterey Presidio Fueling Facility, adjacent to a federally designated superfund site. He will provide monitoring and oversight for all activities required in the sampling requested based on the requirements of the Health Services Department of the County of Alameda.

.3 Characterization and Logging of Soil Samples: During the process of drilling for soils samples, the Quality Manager will visually observe, characterize and log soil spoils in 3-foot intervals. Visual analysis and sniff tests will performed ongoingly throughout the soil drilling process. At elevations below the former tank sites, product piping, and dispensers the samples will be The sampling locations are noted on the attached site plan. In order to diminish the possibility of cross-contamination, all augers will be steam cleaned prior to being brought to the site, and cleaned after each sample hole is completed. The locations of the samples will follow the recommendations of the County Health Environmental Services Department, such that two samples will be taken beneath each of the two former tank sites, and one sample will be pulled beneath each 10-foot length of underground piping. One sample will be pulled under each former location of two dispensers, and one ground water sampling well will be installed within 10-feet down gradient from tank # 2, where some soil contamination was previously found and removed.

The groundwater sampling well will be augered with an 8-inch hollow stem auger. A two-inch fully perforated well screen will be placed in the augered well hole, and it will be used to pull samples for laboratory analysis. Water samples will be placed in sterilized and refrigerated clear glass beakers, and brought in a refrigerated container, along with all soil samples, to the certified analytical lab within 24 hours of the sampling procedure. The water sampling well will be enclosed with a concrete 8-inch diameter Christy box and removable lid for future sampling, or for backfilling upon completion of lab analysis. Lids will be installed over the holes sampled beneath tanks

and piping and dispensers, so that upon completion of the laboratory analysis, those may be either reopened and reused, or backfilled with clean native material.

6. Quality Control Organizational Plan

.1 Quality Control Organization and Personnel: Chief Quality Control Officer David Benaroya Helfant, Ph.D., M.ASCE, also a Principal of SEISCO Engineering and Inspections, a full member of the American Society of Civil Engineers, and special inspector for the International Conference of Building Officials. Dr. Helfant is also formally trained in quality control through the Army Corps of Engineers. He has performed numerous responsibilities as chief quality control officer over the last 15 years. Dr. Helfant's resume and work experience regarding quality control and environmental issues is found attached in this plan.

Assisting Helfant in quality control management will be Alternate Assistant Quality Control Manager, Hugo Giron. Mr. Giron has served on numerous environmental hazardous materials removal and remediation projects over the last 10-years, and is fully certified under requirement 29 CFR 1910.120, CCR Title 8, 519, has additionally received the 40-hour hazardous workers training and First Aid and CPR, as well as the 8-hour follow-ups. [Please see company profile experience for related projects.]

The chain of command, therefore, flows from the County health and Environmental Services Agency to Owner to the Quality Control Officer to the crew drilling foreman and to the laborers, though Quality Control is lateral to the Owner to maintain scientific neutrality. Helfant will be on-site during the preparatory, initial and follow-up stages of the work.

.2 Drilling will be performed by Bay Area Structural, Inc., Oakland, California. Actively working in a broad range of environmental, civil and structural projects, the company is licensed in 4-areas and certified by the State Contractors License Board in General Engineering, Hazardous Materials Removal and Remediation, Demolition and Structure Moving, and General Building. It maintains an active and vigorously enforced quality control, health, environmental and safety program.

.3 Three Phase Structure to Quality Control: Bay Area Structural employs the three-phase quality control plan as strategy and requirement developed by the Department of the Navy and utilized by all of the military defense departments, as well as the Army Corps of Engineers. The three-phase quality control structure includes a

.1 preparatory phase in which the key members of the quality control and sampling plan visit the site, discuss the requirements from the County, and mark the

areas wherein sampling will be taken. An

.2 initial stage is the actual stage of sampling, in which the requirements for sampling and sampling methodology are carefully monitored to follow the requirements in the quality control plan.

.3 A follow-up stage is also part of the quality control program, and incorporates a review of the work at completion and the disposition of the sampling and sampling holes and wells after sampling has been completed. The site will then be secured and ready for final closure upon completion of the analysis and presentation to the County Environmental Health Services Department.

7. Certified Analytical Laboratory: All samples will be analyzed by a fully certified analytical lab, under direction by Dr. Arestoo Khodai, Ph.D., laboratory director at the Nachtmann Analytical Laboratory, a Federal and State Certified Analytical laboratory in 1979.

Backfill will be postponed until sampling results have been fully logged, analyzed, received and reviewed by the County Health Services Department.

Upon completion of the sampling and analysis, a formal report, including the results, will be forwarded to Mr. Don Hwang of the Alameda County Environmental and Health Services Division for review.

8. Attachments:

- .1 Personnel Qualifications: Quality Control Manager**
- .2 Contractor Experience Profile**
- .3 Site Map and Sampling Locations. Monitoring Well Section**
- .4 Typical Chain of Custody Report Form Sample**

Solicitation Number: N62474-96-R-6085

Taxpayer Identification Number: 94-2821166

PERSONNEL EXPERIENCE FORM

Name: David Benaroya Helfant

Job Title: Construction Manager

Proposed Project Title: Quality Control Manager/Project Safety Manager

Years Experience with Proposing Firm: 15

Years Experience with Other Firms: 10

Education (Degrees, year, specialization)

Post Doctorate., 1983, Architect/Engineering, U.C. Berkeley.

Ph.D., 1977, Field & Quantitative Methodology, Community Development.

M.A., Philosophy and the Social Sciences, 1972

B.S., Industrial and Labor Relations, 1969

Active Registration

(year first registered & discipline)

1995, American Society of Civil Engineers-Full member

1987, Profession member, International Conference of Building Officials

California State Licenses: A-General Engineering, 1986; B-General Building, 1983; Hazardous Substance Removal and Remedial Action License, 1987; C-21, License Demolition Contractor

Health & Safety Training

40-Hour OSHA Hazardous Waste Operations Training (29 CFR 1910.120)

Annual 8-hour refresher, Hazardous Waste Operations

8-hour Hazardous Waste Operations Supervisor Training

CPR and Standard First Aid, current

CAL-OSHA Competent Person Designation, 1993

Experience and Qualifications:

Fifteen years as projects quality control manager for general engineering, building and environmental remediation projects. Certified as Construction Quality Control Manager through Army Corps of Engineers. Since 1992, worked as Quality Control Manager on several remediation projects for the Navy . With approval from ROICC also served as Health and Safety Manager. Chief program quality control and safety officer for all projects at Bay Area Structural, Inc. Previously, researcher at the Center for Environmental Design research, U. C. Berkeley. Personal holder of all state contracting licenses to engage in hazardous substance removal and remedial actions, general engineering and general building. Holds California State contractors license for demolition. Seventeen years direct experience in the civil engineering field as construction and quality control manager, project engineer, construction engineer, and structural designer.

JL.3

"1. Factor 2(c) Please clarify the depth of experience in environmental construction and construction management for the following key personnel:"

Quality Control Manager: David Benaroya Helfant, ASCE

David Benaroya Helfant, during his nearly 20-years of experience as construction and quality control manager in the general engineering and environmental fields, has been personally responsible for:

1. Underground fuel storage tank removals, soil remediation and site closures.
2. Pipeline cleaning, removals, and replacements (fuel, water, sewer, gas)
3. Waste oil tank removals, soil remediation and storage system replacements.
4. Liquid natural gas tank decommissioning, pipeline removal and replacements.
5. Military facility demolition, lead contamination containment and removal.
6. Asbestos removal.
7. Mercury and PCB clean-up and removal.
8. Bacterial and infectious waste containment and removal.
9. Arsenic laden soil removal strategy.
10. Quality control: 7-mile settling basin-erosion and flood control

These environmental remediation projects have incorporated a host of technologies including:

1. Encapsulation
2. Contamination location and mapping.
3. Vacuuming, flushing, rinsing.
4. Excavation, blending, aeration, desorption, compaction.
5. Groundwater monitoring, sampling, dewatering.
6. Cofferdam design and construction.
7. Sludge profiling, waste concentration reduction.
8. Overexcavation, curtain wall enclosure, bentonite slurry walls, leak detection

The chemicals included in the above referenced projects included:

1. Total petroleum hydrocarbons (TPH)
2. Asbestos
3. Bacteria and medical waste
4. Benzene, toluene, total xylenes.
5. Lead
6. Mercury
7. Ethylbenzene
8. Nickel and chromium



TRAINING CENTER FOR PROFESSIONAL DEVELOPMENT
HUNTSVILLE, ALABAMA

CERTIFICATE

this is to certify that

David Benaroya Helfant

has completed the Corps of Engineers Training Course

CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS

Given at Sacramento, CA November 19-20, 1996

LOCATION
Expires November 20, 2001
Verification (916) 557-7773

DATE


Director of CE Training Management

D. A. DENNIS
Chief, C-O Division, Sacramento District

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

June 29, 1999

Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

I'm writing to you because I have not received a workplan from you for the sampling requested in my letter of April 2, 1999. The workplan needs to address the sampling listed:

- 1) The soil samples collected under the former locations of the gasoline underground storage tanks on April 11, 1988, April 28, 1988, and May 23, 1988, were analyzed only for Total Petroleum Hydrocarbons as Gasoline (TPH-G). Additional analyses are required. These include benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl-tert-butyl ether (MTBE). Therefore, four soil borings of the native soil must be collected, two from each former underground storage tank hole. (This requirement has not changed.)
- 2) Sampling under the former locations of the dispensers and along the pipelines is also required every 20 ft. The sample locations are to be where leaks are most likely to have occurred, which is usually under the dispensers or at pipeline fittings. For clarification, if the length of the pipeline from the dispenser to the 1,000 gal. tank is less than 20 ft. as you stated, then one sample is required here in addition to those samples under the tank.
- 3) Due to the >2,400 ppm TPH-G found in the soil sample in hole #2 on April 11, 1988, a downgradient groundwater sample outside of the former hole but within 10 ft. is required

Additionally, you were sent a letter entitled "LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS" and asked to fill out and return the form, "SAMPLE LETTER (2): LIST OF LANDOWNERS FORM".

Please call me at (510) 567-6746 to let me know if you have any questions about what is required. I've tried calling you at (510) 653-3221 on June 25, 1999 but the phone just kept on ringing. If there is a better telephone number to reach you, then please let me know.

Sincerely,


Don Hwang
Hazardous Materials Specialist

C: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 2, 1999
Mel Bolin
Virgil V. Bolin, Tr. Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

Thank you for meeting with me on March 31, 1999 to show me your file and for providing the other insightful information regarding the leaking underground storage tank at your site and the area. As a result of our meeting and my subsequent discussion with my supervisor, the following sampling is required:

- 1) The soil samples collected under the former locations of the gasoline underground storage tanks on April 11, 1988, April 28, 1988, and May 23, 1988, were analyzed only for Total Petroleum Hydrocarbons as Gasoline (TPH-G). Additional analyses are required. These include benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl-tert-butyl ether (MTBE). Therefore, four soil borings of the native soil must be collected, two from each former underground storage tank hole. (This requirement has not changed.)
- 2) Sampling under the former locations of the dispensers and along the pipelines is also required every 20 ft. The sample locations are to be where leaks are most likely to have occurred, which is usually under where the dispensers were. For clarification, if the length of the pipeline from the dispenser to the 1,000 gal. tank is less than 20 ft. as you stated, then one sample is required here in addition to those samples under the tank.
- 3) Due to the >2,400 ppm TPH-G found in the soil sample in hole #2 on April 11, 1988, a downgradient groundwater sample outside of the former hole but within 10 ft. is required.

Please provide a workplan for the sampling within 60 days of the date of this letter. Please be advised that this is a formal request for technical reports pursuant to Title 23, CCR, Section 2722(c). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by this agency.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: files

Enclosures: 2

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

February 23, 1999

Virgil V. Bolin, Tr Etal
5509 Arizona Dr.
Concord, CA 94521

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

The "Leaking Underground Storage Tank Oversight Program" file for the subject site is being reviewed. The following problems were noted:

- 1) The soil samples collected under the former locations of the gasoline underground storage tanks on April 11, 1988, April 28, 1988, and May 23, 1988, were analyzed only for Total Petroleum Hydrocarbons as Gasoline (TPH-G). Additional analyses are required. These include benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl-tert-butyl ether (MTBE). Therefore, four soil borings should be collected, two from each former underground storage tank hole. The native soil in each hole must be sampled.
- 2) Additional sampling under the former locations of the dispensers and along the pipelines is also required. A sample is required every 20 ft. It may be adequate to just sample under the former locations of the dispensers which is where leaks are most likely to have occurred.

Please provide a workplan for the additional work required within 60 days of the date of this letter. Please be advised that this is a formal request for technical reports pursuant to Title 23, CCR, Section 2722(c). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by this agency.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

February 16, 1999

Mel Bolin
1004 - 61st St.
Oakland, CA 94608

Re: Bolin's Service Garage, 6335 San Pablo Ave., Oakland, CA 94608;
Stid 1685

Dear Mr. Bolin:

The "Leaking Underground Storage Tank Oversight Program" file for the subject site is being reviewed. The following problems were noted:

- 1) The soil samples collected under the former locations of the gasoline underground storage tanks were analyzed only for Total Petroleum Hydrocarbons as Gasoline (TPH-G). Additional analyses are required. These include benzene, toluene, ethyl benzene, xylene (BTEX), lead, and methyl-tert-butyl ether (MTBE). Therefore, four soil borings should be collected, two from each former underground storage tank hole. The native soil in each hole must be sampled.
- 2) Additional sampling under the former locations of the dispensers and along the pipelines is also required. A sample is required every 20 ft. It may be adequate to just sample under the former locations of the dispensers which is where leaks are most likely to have occurred.

Please provide a workplan for the additional work required within 60 days of the date of this letter. Please be advised that this is a formal request for technical reports pursuant to Title 23, CCR, Section 2722(c). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by this agency.

If you have any questions, please call me at (510) 567-6746.

Sincerely,


Don Hwang
Hazardous Materials Specialist

✓ C: files



ALAMEDA COUNTY
HEALTH CARE SERVICES AGENCY
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

MEL BOLIN
1004 - 61ST STREET
OAKLAND, CA 94608

D.H.

ENVIRONMENTAL
PROTECTION

FEB 22 PM 5:21

3493062/2543 77



ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
DEPOSIT / REFUND ACCOUNT SHEET

printed 04/30/97

SITE INFORMATION

Boling Services Garage
6335 San Pablo Ave
Oakland 94608
Site Contact:
Site Phone :

StID: 1685 Site#: 118
PROJECT#: 118A
PROJECT TYPE:*** R ***
INSP: Susan Hugo
ACCT. SHEET PG #: _____

PROPERTY OWNER INFORMATION

Owner Contact:
Owner Phone :

PAYOR INFORMATION

Boling Services Garage
6335 San Pablo Ave.
Oakland CA 94608 # 11
Payor Contact:
Payor Phone :

Date	Action Taken	Insp Init	Hours Spent/ Depstd	Hour Balnce	Money Spent/ Depositd	Money Balance
	Rcpt# 505618					
	Balance from Prev. Page		RAIF			252.70
8/2/88	NOTES FILED		51-	15	25.50	
8-26-88	NOTES to LR		53-	15	26.50	
3/16/88	REPAIRED	LR	51-	1	51-	
10/27/87	"	LR	51-	3	153-	
10/28/87	"	LR	51-	2	102-	
					TOTAL 358	
						252.70 - 358 = <105.30>

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : AMIR ATTACH: State Forms A, B & C
Billing Adjustment*
DATE OF COMPLETION : 4/30/97 DATE SENT TO BILLING: 4/30/97
TOTAL COST OF PROJECT: 5553.0 REFUND AMOUNT: 0 Rev. 7/96

* Billing adjustment forms needed when site is in our UST program.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

DEPARTMENT OF ENVIRONMENTAL HEALTH
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
(415) 271-4320

November 29, 1988

Bolins Service Garage
6335 San Pablo Ave.
Oakland, CA 94608
Attn: Mel Bolin

SUBJECT: UNDERGROUND STORAGE TANK LEAK INVESTIGATION AT
6335 SAN PABLO AVE., OAKLAND 94608

Dear Mr. Bolin:

Our office has reviewed the soils reports subsequent to the two (2) underground tank removals which occurred on April 11, 1988. The reports indicated that a confirmed release (> 100 ppm total hydrocarbons) has occurred.

A subsurface investigation is required at all sites having confirmed releases from underground storage tanks containing hazardous substances. Of immediate concern is the possibility of the presence of floating product and vapors and their potential for migration into underground structures such as basements, utility vaults, sewers and storm drains/explosion hazard. In order to address these concerns, it is necessary to install ground water monitoring well(s) where confirmed releases have occurred. The California Water Quality Control Board, San Francisco Bay Region (RWQCB) "Guidelines for Addressing Fuel Leaks" document should be followed for site investigation and mitigation.

The California Code of Regulations, Title 23, Section 2652 requires all unauthorized releases to be reported. This office has already received the initial report required by this section. An engineering report containing the following information must be submitted within 30 days:

1. List of type, quantity, and concentration of hazardous substances released.

Bolins Svc. Garage
Page 2 of 2
November 29, 1988

2. The results of all investigations completed to determine the extent of soil or ground water or surface water contamination due to the release.
3. Method of clean-up implemented to date, proposed clean-up actions, and approximate cost of actions taken to date.
4. Method and location of disposal of the released hazardous substance and any contaminated soils or ground water or ground surface water (indicate whether a hazardous waste manifest(s) is utilized.

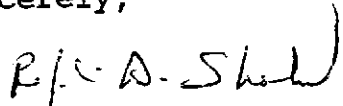
The report should include a proposal for remedial actions (such as soil excavation or removal of free product from ground water), along with a time schedule for their implementation. Prior to remedial actions, a site safety plan must also be submitted.

The owner/operator is responsible for the enlistment of a qualified professional to assume the technical responsibility for performance, interpretation and report preparation of the investigation. The RWQCB considers a State Certified Geologist, Engineering Geologist, or a State Registered Civil Engineer as qualified for the above.

Until clean-up is complete, the operator or permittee shall submit reports to the County and the Regional Water Quality Control Board (RWQCB) every 3 months or at a more frequent interval if specified by either agency. The reports shall include the information requested in (2), (3), and (4) of the above.

Should you have any questions, please contact Ed Howell, Program Administrator at 415/271-4320.

Sincerely,


Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:LR:mam

cc: Alameda County Zone 7
RWQCB

R0130

LOP RECORD CHANGE REQUEST FORM

printed:
10/22/98

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: TP

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 1685 LOC:
 SITE NAME: Bolins Service Garage DATE REPORTED : 05/06/88
 ADDRESS : 6335 San Pablo Ave DATE CONFIRMED: 05/06/88
 CITY/ZIP : Oakland 94608 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE: EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 07/17/92
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 07/17/92
 LUFT FIELD MANUAL CONSID:
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: n/a
 COMPANY NAME: Mel Bolin
 ADDRESS: 1004 61st Street
 CITY/STATE: Oakland, California 94608

INSPECTOR VERIFICATION:			
NAME	SIGNATURE	DATE	
DATA ENTRY INPUT:			
Name/Address Changes Only		Case Progress Changes	
ANNPGRMS	LOP	DATE	LOP DATE

LOP - RECORD CHANGE REQUEST FORM

printed: 12/17/98

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: DH

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 1685 LOC:
 SITE NAME: Bolins Service Garage DATE REPORTED : 05/06/88
 ADDRESS : 6335 San Pablo Ave DATE CONFIRMED: 05/06/88
 CITY/ZIP : Oakland 94608 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE: EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 07/17/92
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
 ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 07/17/92
 LUFT FIELD MANUAL CONSID:
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: n/a
 COMPANY NAME: Mel Bolin
 ADDRESS: 1004 61st Street
 CITY/STATE: Oakland, California 94608

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only

Case Progress Changes

ANPPGMS _____ LOP _____ DATE _____

LOP _____ DATE _____

REF./
A/C NO.

COUNTY OF ALAMEDA
OFFICE OF THE AUDITOR-CONTROLLER

DATE: 3 / 15 '88

MISCELLANEOUS RECEIPT

No 505618

\$450.00
DOLLARS

RECEIVED FROM:	Bolin's Service Garage	
FOR:	6335 San Pablo Ave, Oakland, 94608	
FOR:	Same As Above	
RECEIVED BY:	Mary [Signature]	DEPT. NO.: 453-430

CASH PERSONAL CASHIER'S CHECK/M. O. # 11-35/1210 OTHER:

110-1 (Rev 10/85) [0134E (08)] 3-Part

Distribution: White - Payor Yellow & Pink - Depart.

MEMORANDUM

DATE: 8-26-88

TO: Liz Rose

This is the completed Bolin's Service Garage package for your review.

1. Copy of closure document
2. Receipts for permits
3. URF Report
4. Manifest Copies and disposal
5. Lab Reports

SIGNED: Ron Richmond PCC (415) 532-2442

TOPS FORM NO. 4150

RECEIVED
AUG 26 1988

MISCELLANEOUS RECEIPT
PCC 2270 Livingston St. Oak 94606

City of Oakland
CASH RECEIPT

128825

PARTIAL PAYMENT

FINAL PARTIAL PAYMENT

DATE

7/5/88

RECEIVED FROM

Property Contamination Control, Inc

CASH

BY CHECK

2115

DESCRIPTION	INVOICE NO.	T/C	FUND	Y	F	ACT.	REV. SCE.	COST CENTER	AMOUNT
Leak Removal			101			2310142			\$50.00
6335 San Pablo Ave									

AUXILIARY RECEIPT REF. NO.:

TOTAL ▶ \$50.00

DEPARTMENT

Fire Prevention

BY

Dolores Clemente

CREDIT TO EXPENDITURES FOR REIMBURSEMENTS

T/C	FUND	FY	FUNC	ACTIVITY	OBJECT	COST CENTER	AMOUNT

10-10.6 3-80

CUSTOMER COPY

Excavation Permit Number _____ No. _____

CITY OF OAKLAND

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks. No. 9098

Oakland, California, April 24, 1988 19

PERMISSION IS HEREBY GRANTED TO XXXX remove XXXX existing and excavate commencing See inside property

from the south side of 64th Street _____ Street _____

Address No. 6345 San Pablo Avenue _____ Avenue _____

Owner Orinda Rollin _____ Address 2004 41st Street _____ Phone 653-3221

Applicant Property Contamination Control, Inc. _____ Address 1601 N. California Blvd., #200 N. O. _____ Phone 934-2422

Dimensions of XXXX wall surface to be disturbed _____ Number of Tanks _____ Capacity 550 Gallons each

Remarks _____

This Permit is granted in accordance with existing City Ordinances.
Owner hereby agrees to remove tanks on discontinuance of use or when notified by the City Authorities.
When installing, removing or repairing tanks, no open flame to be on or near premises.

Approved _____ Fire Marshal

Approved _____ Drainage Division Engineering Dept.



EXCAVATING PERMIT

Issued in accordance with Ord. No. 373 CMS, Sec. 3-294

_____ square feet of digging or removal granted.

The receipt of \$ _____ special deposit is hereby acknowledged.

GENERAL DEPOSIT.

BUREAU OF PERMITS AND LICENSES.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on _____ 19

Inspection Fee Paid \$ 50.00 ck#2115 rec#128825

Received by D. Clemons

FIRE PREVENTION BUREAU


NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for inspection notify Fire Prevention Bureau, 378-3851

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE.		
REPORT DATE 05/08/88		CASE #		SIGNED _____ DATE _____		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Ron Richmond		PHONE (415) 954 2422		SIGNATURE 	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Property Contamination Control Inc.			
	ADDRESS 1601 N. California Blvd #200 Walnut Creek CA 94596					
RESPONSIBLE PARTY	NAME Edin's Service Garage <input type="checkbox"/> UNKNOWN		CONTACT PERSON Mel Bolin		PHONE (415) 653-3221	
	ADDRESS 6335 San Pablo Ave Oakland CA 94608					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Edin's Service Garage		OPERATOR MEL Bolin		PHONE (415) 653-3221	
	ADDRESS 6335 San Pablo Ave Oakland, Calif 94608					
	CROSS STREET 64th Street		TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER		TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input checked="" type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER Truck Repair	
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME		CONTACT PERSON		PHONE ()	
	REGIONAL BOARD				PHONE ()	
SUBSTANCES INVOLVED	(1) NAME Gasoline				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2)					
DISCOVERY/ABATEMENT	DATE DISCOVERED 05/06/88		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE _____					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		TANKS ONLY CAPACITY _____ GAL AGE _____ YRS <input type="checkbox"/> UNKNOWN		MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	
	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input checked="" type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER					
CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input checked="" type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES					
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)					
COMMENTS	_____					

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. CA1D10D0606610001011		Manifest Document No. 01001011		Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address BOLINS SERVICE GARAGE 6335 SAN PABLO AVE OAKLAND, CA 94608						A. State Manifest Document Number 87167106							
4. Generator's Phone (48) 653-3221						B. State Generator's ID							
5. Transporter 1 Company Name Tom's Barrel Co.			6. US EPA ID Number KA1A10D061112110			C. State Transporter's ID 801170							
7. Transporter 2 Company Name						D. Transporter's Phone 415-233-7173							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address ERICKSON INC. 255 PARK BLVD. RICHMOND CA 94801						F. Transporter's Phone							
10. US EPA ID Number KA1A10D06191616392						G. State Facility's ID							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit		1. Waste No.	
a. WASTE EMPTY STORAGE TANKS CALIFORNIA Regulated waste only						No. Type		Quantity		Wt/Vol		State 512	
b.												EPA/Other WR	
c.												State	
d.												EPA/Other	
J. Additional Descriptions for Materials Listed Above EMPTY LEADED GASOLINE TANK # 734 WITH 15LB. DRY ICE - EMPTY LEADED GASOLINE WITH 735 WITH 15LB. DRY ICE						K. Handling Codes for Wastes Listed Above a. 01							
15. Special Handling Instructions and Additional Information cap + plug LINE OPEN TO ATMOSPHERE - Gloves, Goggles, Respirator -						b.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						c.							
Printed/Typed Name MEL BOLIN			Signature <i>Mel Bolin</i>			Month Day Year 04/11/88							
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name John T. Diskin			Signature <i>John T. Diskin</i>			Month Day Year 04/11/88							
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name			Signature			Month Day Year							
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Shannon Lowry			Signature <i>Shannon Lowry</i>			Month Day Year 04/11/88							

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

please print or type. (Form designed for use on elite (12-pitch typewriter).

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 00060661		Manifest Document No.		2. Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address BOLINS SERVICE GARAGE 6335 SAN PABLO AVE OAKLAND, CA 94608				A. State Manifest Document Number 87167106			
4. Generator's Phone (415) 653-3221				B. State Generator's ID			
5. Transporter 1 Company Name Tom's Barrel Co. A		6. US EPA ID Number KA 0006111210		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number T41111		D. Transporter's Phone 415-233-7173			
9. Designated Facility Name and Site Address ERICKSON INC. 255 PAER BLVD. Richmond CA. 94801				10. US EPA ID Number 1CA1D10KPA1461639Z		E. State Transporter's ID	
						F. Transporter's Phone	
						G. State Facility's ID	
						H. Facility's Phone 415-235-1393	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity	14. Unit
a. WASTE EMPTY STORAGE TANKS CALIFORNIA REGULATED WASTE ONLY				No. Type		Quantity	Wt/Vol
						120100 P	P
							State 312
							EPA/Other N/A
							State
							EPA/Other
							State
							EPA/Other
							State
							EPA/Other
J. Additional Descriptions for Materials Listed Above Empty Leaded Gasoline Tank # 734 with 15LB. DRY ICE - Empty Leaded Gasoline Tank # 735 with 15LB DRY ICE.				K. Handling Codes for Wastes Listed Above			
				a.		b.	
				c.		d.	
15. Special Handling Instructions and Additional Information Cap & Plug Line Cap on to Atmosphere - Gloves, Goggles, Respirator.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name MEL BOLIN				Signature <i>Mel Bolin</i>		Month Day Year 04/11/88	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name John T. Dickin				Signature <i>John T. Dickin</i>		Month Day Year 04/11/88	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name				Signature		Month Day Year	

Sent Blue Copy to DOHS
4-11-88
PK

REPRODUCED

Vertical markings and symbols on the right edge of the page.

San PAB 10

Building

Appr. 1 ft
From east
wall
to P.B.
& P.C.P.

HOLE #1
11"

3'

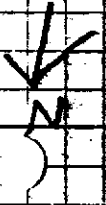
20'
6"
HOLE #2
16"
Sample # 5389
taken 11" 8" deep
1" from end of hole

PAVEMENT

64th Street

Site: BOJIN'S SERVICE GARAGE
Sampled by: JOE CLIFTON

4/28/88



Nº 735
4168
P.C.C.

CERTIFICATE
Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson Inc. Tank No.(s.) 735 Location: Richmond Date: 4-14-88 Time: 0807
Test Method: Visual / Gastech 1314 SMPN Last Product: Gasoline

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1-1000 gal. tank	Safe for fire oxy 20.9% LEL < 1%

Remarks: Have fire extinguisher on site while performing hot work.

In event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:
Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.
Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

[Signature] Representative Title
[Signature] Inspector

Nº 734
4168
P.C.C.

CERTIFICATE

Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson Inc. Tank No.(s.) 734 Location: Richmond Date: 4-14-88 Time: 0812
Test Method: Visual/Gastech 1314 SMPN Last Product: Gasoline

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1-550 gal. tank is	Safe for fire Oxy 20.9% LEL < 1%

Remarks: Have fire extinguisher on site while performing hot work.

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Representative [Signature]
Title

[Signature]
Inspector

Please print or type. (Form designed for use on elite (12-pitch typewriter).

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. CAC000060661	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address BOLINS SERVICE GARAGE 6335 SAN PABLO AVE. OAKLAND CA 94068			A. State Manifest Document Number 87607093		B. State Generator's ID
4. Generator's Phone (415) 653-3221			C. State Transporter's ID 2418 901216		
5. Transporter 1 Company Name B. LUPER TRUCKING		6. US EPA ID Number CAD901983034		D. Transporter's Phone (415) 682-2396	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT EN 35251 OLD SKYLINE RD IRVINE/LEAHN CITY, CA 92339		10. US EPA ID Number CAT000646117		F. Transporter's Phone	
				G. State Facility's ID CAT000646117	
				H. Facility's Phone (209) 386-9711	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt./Vol	1. Waste No.
a. HAZARDOUS WASTE SOLID N.O.S NA 9189 ORM-E		No. Type 001 DT	4	Y	State 611 EPA/Other N.A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above GASOLINE CONTAMINATED SOIL FROM CLEANUP CALIFORNIA WASTE			K. Handling Codes for Wastes Listed Above		
			a.	b.	
			c.	d.	
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name MFL BOLIN		Signature <i>MFL Bolin</i>		Month Day Year 08 08 88	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name DANIEL C. DUARTE		Signature <i>Daniel C. Duarte</i>		Month Day Year 08 08 88	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Month Day Year	

GENERATOR

TRANSPORTER

FACILITY

Please print or type. (Form designed for use on elite (12-pitch typewriter).)

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. CAC000060661	Manifest Document No. 1110112	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address BOLINS SERVICE GARAGE 6335 SAN PABLO AVE OAKLAND CA 94608			A. State Manifest Document Number 87607092		B. State Generator's ID
4. Generator's Phone (415) 653-3221			C. State Transporter's ID 2318-90218-19		D. Transporter's Phone (415) 682-2376
5. Transporter 1 Company Name B. LUPER Trucking		8. US EPA ID Number CAD981983034		E. State Transporter's ID	
7. Transporter 2 Company Name 1		8. US EPA ID Number		F. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT INC 35251 OLD SKYLINE RD KATEMAN CITY CA 93239			10. US EPA ID Number CAT000646117		G. State Facility's ID CAT101061461117
					H. Facility's Phone (209) 386-9711
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit	I. Waste No.
a. HAZARDOUS WASTE SOLID N.O.S. NA 9189 ORM-E		No. 001 Type DT	20	4	State CA EPA/Other NA
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above GASOLINE CONTAMINATED SOIL FROM CLEANUP CALIFORNIA WASTE			K. Handling Codes for Wastes Listed Above		
			a. 1117 b. c. d.		
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name MEL BOLIN		Signature <i>Mel Bolin</i>		Month Day Year 10 8 88	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name ED WALKER		Signature <i>Ed Walker</i>		Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space 87607092					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Month Day Year	

GENERATOR

TRANSPORTER

FACILITY

23:55

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No.

CAC0000060661 071092

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

BOLINS SERVICE GARAGE
 6335 SAN PABLO AVE OAKLAND CA 94608

A. State Manifest Document Number

87607092

B. State Generator's ID

4. Generator's Phone (415) 653-3221

5. Transporter 1 Company Name

B. LUPER TRUCKING

6. US EPA ID Number
 CAD981983034

C. State Transporter's ID

24290218-19

D. Transporter's Phone (415) 682-2396

7. Transporter 2 Company Name

I

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT INC
 35251 Old Skyline Rd
 KATEMAN CITY CA 93239

10. US EPA ID Number

CAT000646117

G. State Facility's ID

CAT000646117

H. Facility's Phone

(209) 384-9711

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. HAZARDOUS WASTE SOLID N.O.S. NA 9189
 ORM.E

12. Containers

No. Type

001 DT

13. Total Quantity

20

14. Unit

Wt/Vol

4

15. Waste No.

611

EPA/Other

N.A.

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

GASOLINE CONTAMINATED SOIL FROM CLEANUP
 CALIFORNIA WASTE

K. Handling Codes for Wastes Listed Above

a. 03

b.

c.

d.

15. Special Handling Instructions and Additional Information

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

MEL BOLIN

Signature

Mel Bolin

Month Day Year

10/3/03/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

ED WALKER

Signature

Ed Walker

Month Day Year

10/18/03/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

STOLL BRADY AT

Signature

Stoll Brady

Month Day Year

05/08/03

GENERATOR

TRANSPORTER

FACILITY

DO NOT UNLOAD OR DISCHARGE UNTIL FIRST RECEIVING A RELEASING
SIGNATURE FROM AUTHORIZED SITE PERSONNEL

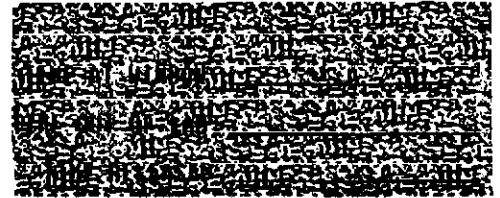
DATE 8-08-88
GROSS> 77780 lb 4:51PM A
TARE> 30080 lb 5:48PM B
NET> 47700 lb

PROFILE J06443
MANIFEST 87607092
GENERATOR Belins
TRANSPORTER B. Luper
DRIVER NAME Ed W

LOG NO. 0 TRUCK ID 0

DESIGNATED TREATMENT/
DISPOSAL INBOUND

CODE	UNIT	WASHOUT	ppm CN	GAL
	<u>54</u>	<u>54</u>	<u>77780</u>	<u>lb</u>



RELEASING SIGNATURE _____ AT _____ QUANTITY 20yd

17.5

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. CAC000060661071993		Manifest Document No. 071993	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address BOLINS SERVICE GARAGE 6385 SAN PABLO AVE. OAKLAND CA 94068				A. State Manifest Document Number 87607093		B. State Generator's ID	
4. Generator's Phone (415) 653-3221				C. State Transporter's ID - 2378 901216		D. Transporter's Phone (415) 682-2396	
5. Transporter 1 Company Name B. LUPER TRUCKING		6. US EPA ID Number CAD901983034		E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Facility's ID CAT00006461117		H. Facility's Phone (209) 386-9711	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT INC 35251 OLD SKYLINE RD KETTLEMAN CITY, CA 92339				10. US EPA ID Number CAT00006461117			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No.	13. Total Quantity	14. Unit (Wt/Vol)	1. Waste No.
a. HAZARDOUS WASTE SOLID N.O.S NA 9189 ORM-E				001 DT	4	Y	State 611 EPA/Other N/A
b.							State EPA/Other
c.							State EPA/Other
d.							State EPA/Other
J. Additional Descriptions for Materials Listed Above GASOLINE CONTAMINATED SOIL FROM CLEANUP CALIFORNIA WASTE J 06443				K. Handling Codes for Wastes Listed Above a. 03 b. c. d.			
15. Special Handling Instructions and Additional Information							
18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name MEL BOLIN				Signature <i>Mel Bolin</i>		Month Day Year 08 08 85	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name DANIEL C. DUARTE				Signature <i>Daniel C. Duarte</i>		Month Day Year 08 08 85	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.							
Printed/Typed Name STEVE BRADY RT				Signature <i>Steve Brady</i>		Month Day Year 08 08 85	

GENERATOR

TRANSPORTER

FACILITY

R2675-17

FR0101

DO NOT UNLOAD OR DISCHARGE UNTIL FIRST RECEIVING A RELEASING SIGNATURE FROM AUTHORIZED SITE PERSONNEL

8-08-88

DATE _____
GROSS> 43380 lb 4:50PM A
TARE> 20380 lb 5:39PM B
NET> 23000 lb

PROFILE NO6443
MANIFEST 87607023
GENERATOR Bolins
TRANSPORTER B. Luper
DRIVER NAME Daniel Duarte

LOG NO. 0 TRUCK ID 0

DESIGNATED TREATMENT/DISPOSAL INBOUND
CODE 3c ppm CN _____
UNIT A17 WASHOUT _____ GAL 43380 lb



RELEASING SIGNATURE _____ AT _____ QUANTITY 44



Generator's Waste Material Prof. Sheet

GENERATOR'S WASTE MATERIAL PROF. SHEET

PLEASE PRINT IN INK OR TYPE (Eithe, 12-pt)ch.



Waste Profile Sheet Code: J 06443

CWM Location of Original: _____ (SHADED AREAS FOR CWM USE ONLY) CWM Sales Rep. #: _____

A. GENERAL INFORMATION

1. Generator Name: BOHNS SERVICE GARAGE 2. Generator USEPA ID: CAC000060661
 3. Facility Address: 6335 SAN PABLO AVE 4. Generator State ID: _____
Oakland CA 94608
 5. Zip Code: 94608
 6. Technical Contact: RON RICHMOND 7. Title: Consultant 8. Phone: (415) 532-2442

B. MAIL CHEMICAL WASTE MANAGEMENT, INC. INVOICES TO

1. Generating Facility (A, above), or
 2. Company Name: Property Contamination Control Inc 3. Phone: (415) 532-2442
 4. Address: 2220 Livingston St. #208
Oakland
California
 5. Zip Code: 94606

C. 1. NAME OF WASTE: GASOLINE Contaminated Soil
 2. PROCESS GENERATING WASTE: Removal of Underground Storage Tanks
 3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?
 Yes No If yes, DO NOT COMPLETE this form. Contact your Chemical Waste Management, Inc. sales representative for assistance.

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color: BROWN
 2. Does the waste have a strong incidental odor? No Yes If known, describe: GASOLINE
 3. Physical State @ 70°F: Solid Semi-Solid Liquid Powder Other: _____
 4. Layers: Multilayered Bi-layered Single Phased
 5. Specific Gravity: Range: 1.0 - 1.5
 6. Free Liquids: Yes No Volume: _____ %
 7. pH: ≤ 2 > 2-4 4-7 7 7-10 10- < 12.5 ≥ 12.5 Range _____ NA
 8. Liquid Flash Point: < 73°F 73-99°F 100-139°F 140-199°F ≥ 200°F None Closed Cup Open Cup

E. CHEMICAL COMPOSITION

1.	RANGE		%
	MIN.	MAX.	
<u>Soil</u>	<u>99.8</u>	<u>99.99</u>	%
<u>Leaded GASOLINE</u>	<u>.001</u>	<u>.05</u>	%
_____	-	-	%
_____	-	-	%
_____	-	-	%
_____	-	-	%
_____	-	-	%
_____	-	-	%
_____	-	-	%
_____	-	-	%
_____	-	-	%
_____	-	-	%

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. TOTAL: NA %

2. Indicate if this waste contains any of the following:

	NONE	or LESS THAN	or ACTUAL
PCB's	<input type="checkbox"/>	<input type="checkbox"/> < 50 ppm	_____ ppm
Cyanides	<input type="checkbox"/>	<input type="checkbox"/> < 50 ppm	_____ ppm
Phenolics	<input type="checkbox"/>	<input type="checkbox"/> < 50 ppm	_____ ppm
Sulfides	<input type="checkbox"/>	<input type="checkbox"/> < 50 ppm	_____ ppm

F. METALS Indicate if this waste contains any of the following: NA

METAL	1. EP TOX/TCLP	2. Total
	LESS THAN	or ACTUAL
	(Parts Per Million)	
Arsenic	<input type="checkbox"/> < 5	<input type="checkbox"/> < 500
Barium	<input type="checkbox"/> < 100	_____
Cadmium	<input type="checkbox"/> < 1	<input type="checkbox"/> < 100
Chromium	<input type="checkbox"/> < 5	_____
Lead	<input type="checkbox"/> < 5	<input type="checkbox"/> < 500
Mercury	<input type="checkbox"/> < 0.2	<input type="checkbox"/> < 20
Selenium	<input type="checkbox"/> < 1	<input type="checkbox"/> < 100
Silver	<input type="checkbox"/> < 5	_____
Chromium-Hex	<input type="checkbox"/> < 5	<input type="checkbox"/> < 500
Copper	<input type="checkbox"/> < 5	_____
Nickel	<input type="checkbox"/> < 5	<input type="checkbox"/> < 134
Thallium	<input type="checkbox"/> < 5	<input type="checkbox"/> < 130
Zinc	<input type="checkbox"/> < 5	_____
_____	<input type="checkbox"/> <	_____
_____	<input type="checkbox"/> <	_____
_____	<input type="checkbox"/> <	_____

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

J 06443
 Waste Profile Sheet Code

G. OTHER HAZARDOUS CHARACTERISTICS

1. Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? Yes No
2. Does this waste contain greater than 1000 ppm total halogenated organic compounds? Yes No
3. Indicate if this waste is any of the following:

<input type="checkbox"/> RCRA Reactive	<input type="checkbox"/> Radioactive
<input type="checkbox"/> Water Reactive	<input type="checkbox"/> Etiological
<input type="checkbox"/> Explosive	<input type="checkbox"/> Pesticide Manufacturing Waste
<input type="checkbox"/> Shock Sensitive	<input type="checkbox"/> Other _____
<input type="checkbox"/> Pyrophoric	<input checked="" type="checkbox"/> None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

N.A.	LESS THAN	or	ACTUAL	_____
Beryllium	<input type="checkbox"/> <		5000 ppm	_____ ppm
Potassium	<input type="checkbox"/> <		5000 ppm	_____ ppm
Sodium	<input type="checkbox"/> <		5000 ppm	_____ ppm
Total Bromine	<input type="checkbox"/> <		2 %	_____ %
Total Chlorine	<input type="checkbox"/> <		35 %	_____ %
Total Fluorine	<input type="checkbox"/> <		1 %	_____ %
Total Sulfur				_____ %

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

- | N.A. | Range |
|--|-------------------------------|
| 1. Heat Value (BTU/lb): _____ | 2. Water: _____ % |
| 3. Viscosity (cps): _____ @ <input type="checkbox"/> _____ °F <input type="checkbox"/> 100°F <input type="checkbox"/> 150°F | |
| 4. Ash: _____ % | 5. Settleable solids: _____ % |
| 6. Vapor Pressure @ STP (mm/Hg): _____ | |
| 7. Is this waste a pumpable liquid? <input type="checkbox"/> Yes <input type="checkbox"/> No | Type of pump? _____ |
| 8. Can this waste be heated to improve flow? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 9. Is this waste soluble in water? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 10. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? <input type="checkbox"/> Yes <input type="checkbox"/> No | |

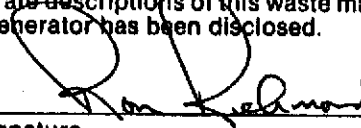
J. TRANSPORTATION INFORMATION

1. Is this a DOT Hazardous Material? Yes No
2. Anticipated Annual Volume/Units: 24 / cu yds
3. Proper Shipping Name: HAZARDOUS WASTE SOLID N.O.S.
4. Hazard Class: 1 ORME
5. I.D. #: NA 9189
6. Additional Description: (_____)
7. Method of Shipment: Bulk Liquid Bulk Solid Drum (Type/Size): _____ / _____ Other: _____
8. CERCLA Reportable Quantity (RQ): _____
9. RQ Units (lb/kg): _____
10. USEPA Hazardous Waste? Yes No
11. USEPA Hazardous Waste Number(s): _____
12. State Hazardous Waste? Yes No
13. State Hazardous Waste Number(s): 611

K. SPECIAL HANDLING INFORMATION

Additional Page(s) Attached

L. GENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

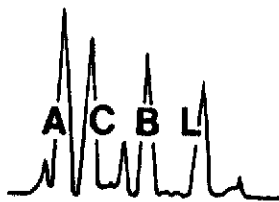
1. <u></u> Signature	2. <u>Consultant</u> Title
3. <u>Ron Richmond P.C.C. Inc for Bolin's SERVICE Garage</u> Name (Type or Print)	4. <u>8-4-88</u> Date

CHAIN OF CUSTODY RECORD



ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

CLIENT	NAME: PROPERTY CONTAMINATION CONTROL				NO. of Containers	ANALYSIS	TPH as gasoline			REMARKS/ SAMPLE CONDITION ON RECEIPT
	ADDRESS: 1601 No California Blvd - #200									
	Walnut Creek CA 94596									
	PHONE: Ron Richmond (415) 934-2422									
PROJECT: BOLIN'S SERVICE GARAGE										
SAMPLER (signature): <i>[Signature]</i>										
ACBL SAMPLE NO.	COLLECTED Date/Time	SAMPLE IDENTIFICATION								
5329	4/11 10:30	Hole #2	Sample 1	1	X					odor soil in brass tubes, cold
5330	10:30	Hole #2	Sample 2	1	X					odor "
5331	10:45	Hole #1	Sample 3	1	X					"
5332	10:45	Hole #1	Sample 4	1	X					"
Relinquished by (signature): <i>[Signature]</i>		Date/Time: 4/4 12:30	Received by (signature): <i>[Signature]</i>		Relinquished by (signature):		Date/Time:	Received by (signature):		
Relinquished by (signature):		Date/Time:	Received by (signature): ACBL		Received in Laboratory by (signature):			Date/Time:		
REMARKS										



ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

Joe E. Hodgkins, Ph.D.
Director

June 3, 1988

PROPERTY CONTAMINATION CONTROL

Attn: Ron Richmond
1601 No. California Blvd. - #200
Walnut Creek, CA 94596

REPORT
TOTAL PETROLEUM HYDROCARBONS
RE: BOLIN'S SERVICE GARAGE

Sample Identification:

General Description: Project: Bolin's Service Garage. Second retest of soil from excavation of gasoline tank.

ACBL Sample # 5389 : Sample taken 2' from South end of Hole 2. Depth 18'. See map and Chain of Custody.

Date Sampled : May 23, 1988, 9:20 am. by Cindy McClure, ACBL Chemist.

Received in Lab : May 23, 1988, 10:25 am.

Analysis:

Total Petroleum Fuel Hydrocarbons (as gasoline) in soil by EPA Method 8015, adapted per California Regional Water Quality Control Board method. Analysis date: June 1, 1988.

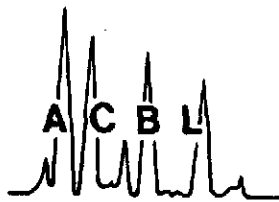
Results:

ACBL Sample No.	Total Petroleum Hydrocarbons as gasoline, mg/kg (ppm)
5500	<10.0


Mark S. Fesler
Chief Chemist

Telephone report 6/2/88.

Park Plaza Professional Center, 245 Kentucky Street, Petaluma, California 94952 • (707) 778-8607



ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

Joe E. Hodgkins, Ph.D.
Director
May 9, 1988

PROPERTY CONTAMINATION CONTROL
Attn: Ron Richmond
1601 No. California Blvd. - #200
Walnut Creek, CA 94596

REPORT
TOTAL PETROLEUM HYDROCARBONS
RE: BOLIN'S SERVICE GARAGE

Sample Identification:

General Description: Project: Bolin's Service Garage. Retest of soil from excavation of gasoline tank.

ACBL Sample # 5389 : Sample taken 1' from South end of Hole 2. Depth 11' 8".

Date Sampled : April 28, 1988, 10:00 am. by Joe Clopton, ACBL Chemist.

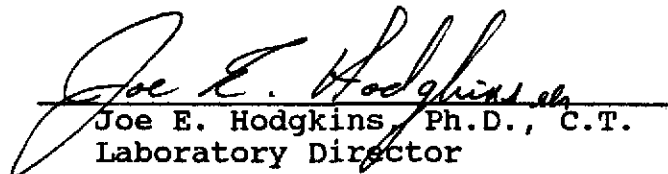
Received in Lab : April 28, 1988, 11:30 am.

Analysis:

Total Petroleum Fuel Hydrocarbons (as gasoline) in soil by EPA Method 8015, adapted per California Regional Water Quality Control Board method. Analysis date: May 4, 1988.

Results:

<u>ACBL Sample No.</u>	<u>Total Petroleum Hydrocarbons as gasoline, mg/kg (ppm)</u>
5389	1747


Joe E. Hodgkins, Ph.D., C.T.
Laboratory Director

Telephone report 5/5/88, 9:20 am.

CHAIN OF CUSTODY RECORD



ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

CLIENT	NAME: PROPERTY CONTAMINATION CONTROL INC.		NO. of Containers	ANALYSIS TOTAL PETROLEUM HYDROCARBONS 939501142						REMARKS/ SAMPLE CONDITION ON RECEIPT
	ADDRESS: 1601 No. California Blvd. #200									
	Walnut Creek CA 94596									
	PHONE: Ron Richmond (415) 934-2422									
PROJECT: BOLIN'S SERVICE GARAGE										
SAMPLER (signature): <i>[Signature]</i>										
ACBL SAMPLE NO.	COLLECTED Date/Time	SAMPLE IDENTIFICATION								
5389	4/28/88 10:00	1 sample soil	1	X					gas odor	
Relinquished by (signature): <i>[Signature]</i>		Date/Time: 4/28/88	Received by (signature):		Relinquished by (signature):		Date/Time:	Received by (signature):		
Relinquished by (signature):		Date/Time:	Received by (signature):		Received in Laboratory by (signature): <i>[Signature]</i>		Date/Time: 4/28/88	11:30		
REMARKS										

SPN TAB 10

Building

HOLE #1
APPR. 1 FT
FROM EAST
AND WEST WALLS
DEEP, 8' DEEP

10th Street

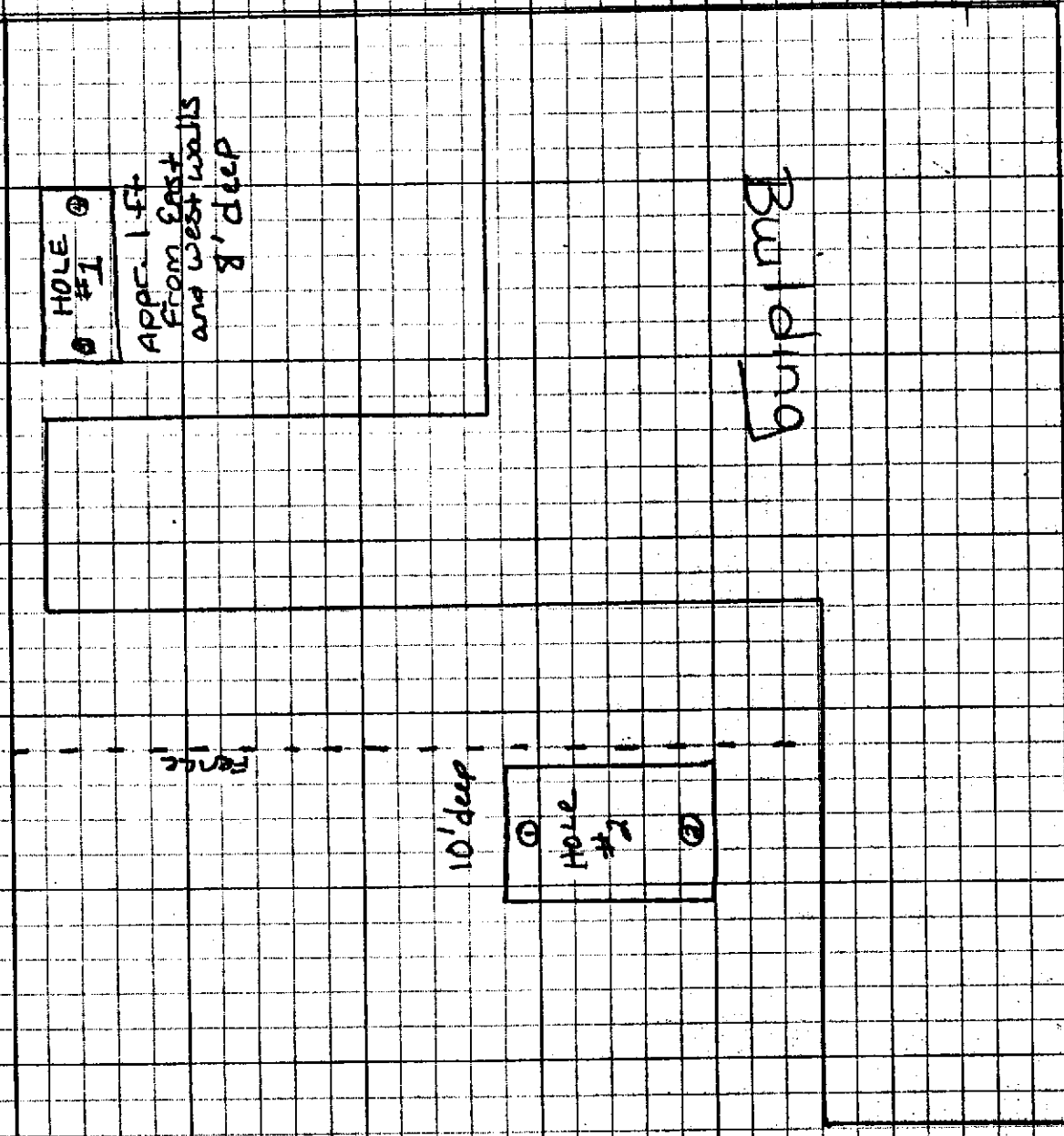
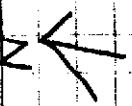
Fence

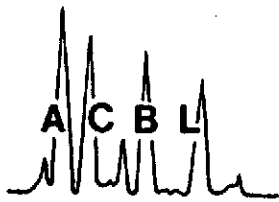
DEEP, 10'

HOLE #2

Site: BOJINS SERVICE GARAGE
SAMPLED by: JOE CLOPTON

4/11/88





ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

Joe E. Hodgkins, Ph.D.
Director

April 22, 1988

PROPERTY CONTAMINATION CONTROL
Attn: Ron Richmond
1601 No. California Blvd. -#200
Walnut Creek, CA 94596

REPORT
TOTAL PETROLEUM HYDROCARBONS
RE: BOLIN'S SERVICE GARAGE

Sample Identification:

General Description: Project: Bolin's Service Garage. Soil from excavation of gasoline tanks.

ACBL Sample # 5329 : Sample #1, center of N. end of hole #2, approximately 1 ft. from wall. 10' depth. See map and Chain of Custody.

5330 : Sample #2, center of S. end of hole #2, approximately 1 ft. from wall. 10' depth. See map and Chain of Custody.

5331 : Sample #3, center of W. end of hole #1, approximately 1 ft. from wall. 8' depth. See map and Chain of Custody.

5332 : Sample #4, center of E. end of hole #1, approximately 1 ft. from wall. 8' depth. See map and Chain of Custody.

Date Sampled : April 11, 1988, 10:30-10:45 am. by Joe Clopton, ACBL Chemist.

Received in Lab : April 11, 1988, 12:30 pm.

continue...

PROPERTY CONTAMINATION CONTROL
April 22, 1988
Page 2

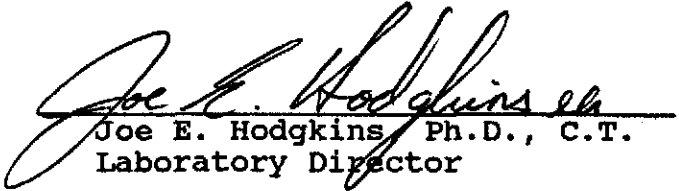
Analysis:

Total Petroleum Fuel Hydrocarbons (as gasoline) in soil by EPA Method 8015, adapted per California Regional Water Quality Control Board method. Analysis date: April 19, 1988.

Results:

<u>ACBL Sample No.</u>	<u>Total Petroleum Hydrocarbons as gasoline, mg/kg (ppm)</u>
5329	< 10.0
5330	** > 2400
5331	< 10.0
5332	< 10.0

** Note: #5330 contains more than 2400 ppm TPH as gasoline: this is maximum limitation of this method with sufficient sample size for proper calculations.


Joe E. Hodgkins, Ph.D., C.T.
Laboratory Director

Telephone report 4/20/88, 4:30 pm.

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION

470 - 27TH ST., RM. 322
 OAKLAND, CA 94612
 PHONE NO. 415/874-7237

RECEIVED
1/14/88

DEPARTMENT OF ENVIRONMENTAL HEALTH
 470 - 27TH STREET, Third Floor
 Oakland, CA 94612
 Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction. One copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- Removal of Tank and Piping
- Sampling
- Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable regulations.

IF THERE IS A PERMITS/REGULATORY SECTION CONTAINING THESE INSTRUCTIONS.

1988 - 103 -
 14

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name BOLIN'S SERVICE GARAGE
 Business Owner MEL BOLIN
2. Site Address 6335 SAN PABLO AVENUE
 City OAKLAND Zip 94608 Phone 415-653-3221
3. Mailing Address 6335 SAN PABLO AVENUE
 City OAKLAND Zip 94608 Phone 415-653-3221
4. Land Owner ORINDA BOLIN
 Address 1004 - 61st STREET, OAKLAND City, State CA Zip 94608
5. EPA I.D. No. CAC 000060661
6. Contractor LINDSEY BACKHOE SERVICE
 Address 2959 SAN PABLO AVENUE
 City BERKELEY, CA Phone 415-848-5559
 License Type 271610 CLASS A
7. Other (Specify) PROPERTY CONTAMINATION CONTROL, INC.
 Address 1601 N CALIFORNIA BLVD #200
 City WALNUT CREEK, CA Phone 415-934-2422

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
470 - 27TH ST., RM. 322
OAKLAND, CA 94612
PHONE NO. 415/874-7237

DRAFT

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name BOLIN'S SERVICE GARAGE
Business Owner MEL BOLIN
2. Site Address 6335 SAN PABLO AVENUE
City OAKLAND Zip 94608 Phone 415-653-3221
3. Mailing Address 6335 SAN PABLO AVENUE
City OAKLAND Zip 94608 Phone 415-653-3221
4. Land Owner ORINDA BOLIN
Address 1004 - 61st STREET, OAKLAND City, State CA Zip 94608
5. EPA I.D. No. CAC 000060661
6. Contractor LINDSEY BACKHOE SERVICE
Address 2959 SAN PABLO AVENUE
City BERKELEY, CA Phone 415-848-5559
License Type 271610 CLASS A
7. Other (Specify) PROPERTY CONTAMINATION CONTROL, INC.
Address 1601 N CALIFORNIA BLVD #200
City WALNUT CREEK, CA Phone 415-934-2422

DRAFT

8. Contact Person for Investigation

Name _____ Title _____
Phone _____

9. Total No. of Tanks at facility 2

10. Have permit applications for all tanks been submitted to this
office? Yes [] No [X]

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Transporter

Name ERICKSON, INC. EPA I.D. No. CAD 009 466392
Address 255 PARR BLVD.
City RICHMOND State CA Zip 94801

b) Rinsate Transporter

Name ERICKSON, INC EPA I.D. No. CAD 009466392
Address 255 PARR BLVD.
City RICHMOND State CA Zip 94801

c) Tank Transporter

Name ERICKSON, INC. EPA I.D. No. CAD 009466392
Address 255 PARR BLVD.
City RICHMOND State CA Zip 94801

d) Contaminated Soil Transporter

Name ERICKSON, INC. EPA I.D. No. CAD 009466392
Address 255 PARR BLVD.
City RICHMOND State CA Zip 94801

12. Sample Collector

Name VARIOUS EMPLOYEES (Qualified)
Company ALPHA CHEMICAL & BIOMEDICAL LABORATORIES
Address 245 KENTUCKY STREET
City PETALUMA State CA Zip 94592 Phone (707) 778-8607

13. Sampling Information for each tank or area

02/11/2011

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
550 GALLON 1000 GALLON	GASOLINE GASOLINE		

14. Have tanks or pipes leaked in the past? Yes [] No [X]

If yes, describe. _____

15. NFPA methods used for rendering tank inert? Yes [X] No []

If yes, describe. 25 pounds dry ice per 1000 gallon tank capacity

purge tank 4 hours before removal and transportation.

16. Laboratories

Name ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

Address 245 KENTUCKY STREET

City PETALUMA

State CA

Zip 94952

State Certification No. 127

17. Chemical Methods to be used for Analyzing Samples

GAFT

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
GASOLINE	EPA 8015/8020 EPA 8240	

18. Site Safety Plan submitted? Yes No

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer _____

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

DRAFT

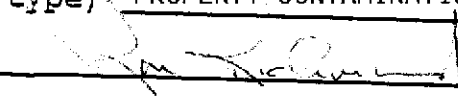
I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

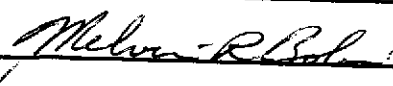
Name (please type) PROPERTY CONTAMINATION CONTROL, INC

Signature 

Date 3-14-88

Signature of Site Owner or Operator

Name (please type) BOLINS SERVICE GARAGE

Signature 

Date 3/14/88

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

DRAFT

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

**ATTACHMENT A
SAMPLING RESULTS**

Tank or Area	Contaminant	Location & Depth	Results (specify units)

INSTRUCTIONS

DRAFT

2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

This number may be obtained from the State Department of Health Services, 916/324-1781.

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

Historic contents - the principal product(s) used in the last 5 years.

Material sampled - i.e., water, oil, sludge, soil, etc.

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

All sample collection methods and analyses should conform to EPA or DHS methods.

Contaminant - Specify the chemical to be analyzed.

Sample Preparation Method Number - The means used to prepare the sample prior to analyses - i.e., digestion techniques, solvent extraction, etc. Specify number of method and reference if not an EPA or DHS method.

Analysis Method Number - The means used to analyze the sample - i.e., GC, GC-MS, AA, etc. Specify number of method and reference if not a DHS or EPA method.

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

A plan outlining protective equipment and additional specialized personnel in the event that significant amount of hazardous materials are found. The plan should consider the availability of respirators, respirator cartridges, self-contained breathing apparatus (SCBA) and industrial hygienists.

DRAFT

19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

The plan should consists of a scaled view of the facility at which the tank(s) are located and should include the following information:

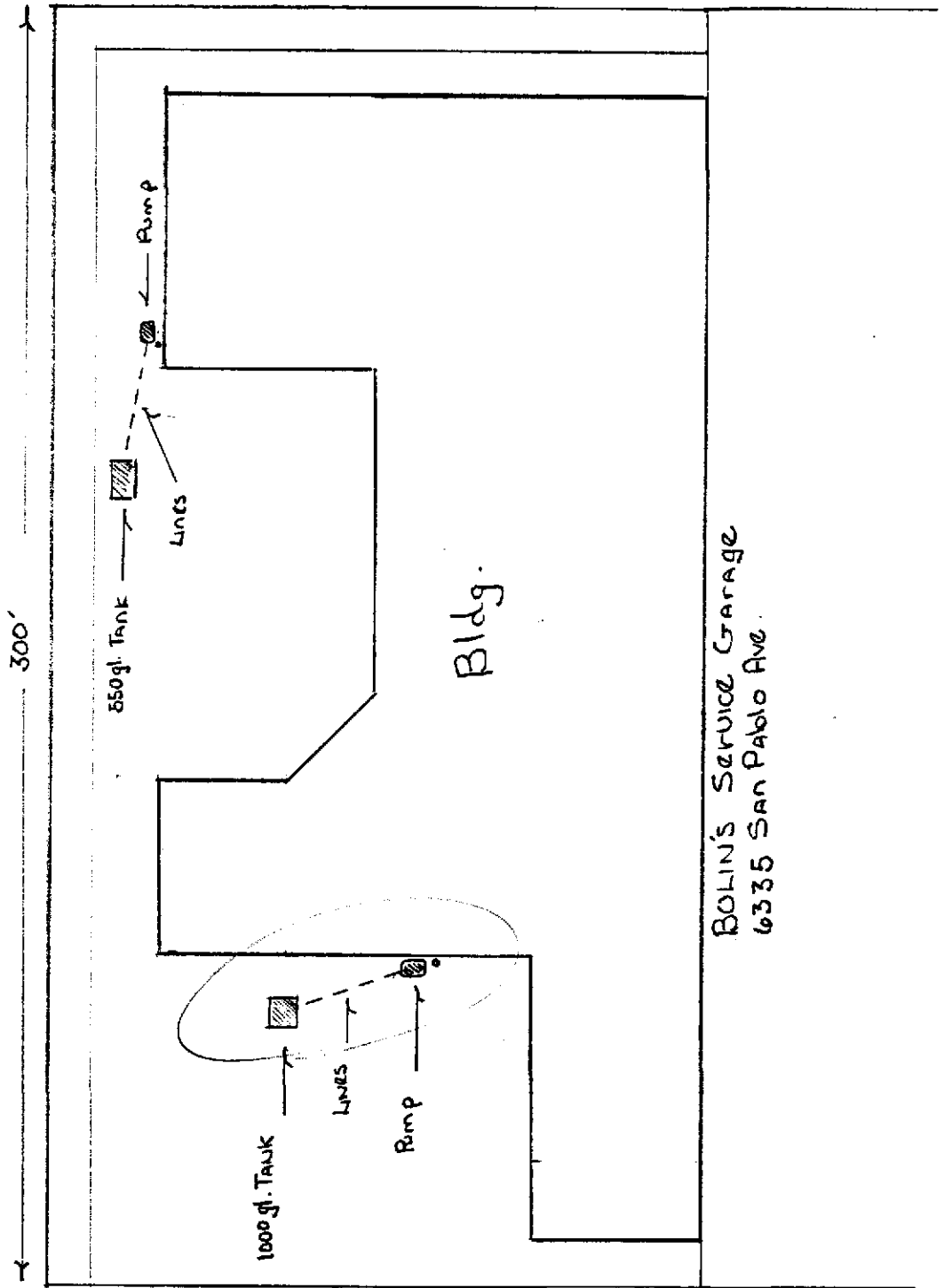
- a) Scale
- b) North Arrow
- c) Property Line
- d) Location of all Structures
- e) Location of all relevant existing equipment including tanks and piping to be removed
- f) Streets
- g) Underground conduits, sewers, water lines, utilities
- h) Existing wells (drinking, monitoring, etc.)
- i) Depth to ground water
- j) All existing tanks in addition to the ones being pulled

1/88

2

San Pablo Ave.

64th Street



BOLIN'S SERVICE GARAGE
6335 SAN PABLO AVE.

Marshall Street

Scale 1" = 40'

SITE SAFETY PLAN UST PROJECTS

SITE SAFETY

UNDERGROUND TANK REMOVAL PROJECTS

Equipment to be utilized on site:

Tyvek protection clothing, boots, gloves, hardhats, glasses/goggles

Respiratory Protection (Respirators with cartridges for organic vapors and extra cartridges)

Tank purge - 25# dry ice per 1000 gallon tank capacity

This list of safety apparatus is to be utilized on site during evacuation activities for galoline and oil tank removal. The personal protective clothing will be utilized until the tanks are uncovered and it is determined that vapor levels and or leaks are not present, then safety gear will be on standby. If leaks and or vapor levels warrant, the entire project will be conducted using a Class C level of protection with a safety man present.

The first level of operation will involve pumping residual materials from the tank to be removed, and may involve steam cleaning of tanks and lines.

The greatest danger in tank removal operations is the danger of flammability. A typical removal involves taping off the work area with barriers and barrier tape. All non essential personnel are kept out of the work area. The excavation crew will uncover the tank while wearing Class C personal protection. An LEL explosimeter will be used to assess vapor levels. Non sparking tools will be used where applicable. The tank will then be removed. Once removed the tank will then be purged with Co2 at 25# per 1000 gallon of tank capacity. The purge will be allowed for a 4 hour minimum before loading and transport to the TSD facility. While the entire process is being accomplished a site safety person will be on standby.

COCORO CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)
7-24-87

PRODUCER
GREGORY & CO., INSURANCE BROKERS, INC.
P. O. BOX 2508
BERKELEY CA 94702

INSURED
H. LINDSKY BACKHOE SERVICE
HINES LINDSKY DBA
2959 SAN PABLO AVENUE
BERKELEY CA 94702

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE	
COMPANY LETTER	A AETNA CASUALTY & SURETY
COMPANY LETTER	B
COMPANY LETTER	C
COMPANY LETTER	D
COMPANY LETTER	E

COVERAGES

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH POLICIES.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIABILITY LIMITS IN THOUSANDS	
					EACH OCCURRENCE	AGGREGATE
	GENERAL LIABILITY					
	<input type="checkbox"/> COMPREHENSIVE FORM				BODILY INJURY	\$
	<input type="checkbox"/> PREMISES/OPERATIONS UNDERGROUND EXPLOSION & COLLAPSE HAZARD PRODUCTS/COMPLETED OPERATIONS				PROPERTY DAMAGE	\$
	<input type="checkbox"/> CONTRACTUAL				BI & PD COMBINED	\$
	<input type="checkbox"/> INDEPENDENT CONTRACTORS				PERSONAL INJURY	\$
	<input type="checkbox"/> BROAD FORM PROPERTY DAMAGE					
	<input type="checkbox"/> PERSONAL INJURY					
	AUTOMOBILE LIABILITY					
	<input type="checkbox"/> ANY AUTO				BODILY INJURY (PER PERSON)	\$
	<input type="checkbox"/> ALL OWNED AUTOS (PRIV. PASS.)				BODILY INJURY (PER ACCIDENT)	\$
	<input type="checkbox"/> ALL OWNED AUTOS (OTHER THAN PRIV. PASS.)				PROPERTY DAMAGE	\$
	<input type="checkbox"/> HIRED AUTOS				BI & PD COMBINED	\$
	<input type="checkbox"/> NON-OWNED AUTOS					
	<input type="checkbox"/> GARAGE LIABILITY					
	EXCESS LIABILITY					
	<input type="checkbox"/> UMBRELLA FORM				BI & PD COMBINED	\$
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM					\$
A	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	05 C 422231 CCA	07-07-87	07-07-88	STATUTORY	
					\$ 1,000 (EACH ACCIDENT)	
					\$ 1,000 (DISEASE-POLICY LIMIT)	
					\$ 1,000 (DISEASE-EACH EMPLOYEE)	
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS
BACKHOE SERVICE

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND ON THE ISSUING COMPANY.

AUTHORIZED REPRESENTATIVE

[Signature]

SAMPLE PLAN

A visual inspection of the excavation will be made immediately after removal of the tank for any evidence of prior leakage. The results of the inspection will be documented. Then two soil samples will be taken, one from beneath the fill pipe and the other from a similar position at the opposite end of the tank. Soil samples will also be taken, one for every 20 lineal feet of trench for piping. If obvious stained or contaminated areas exist other than the above mentioned areas sampled additional soil samples will be taken in the stained or contaminated areas.

SAMPLED METHODS

Immediately upon removal of the tank a backhoe bucket of native soil will be taken from the native soil/backfill interface. This soil will be rapidly brought to the surface.

Approximately three inches will be rapidly scraped away from the surface of this soil, then a clean brass tube (at least three inches long) will be driven into the soil with a suitable instrument (wooden mallet, etc.). The ends of the brass tube will be covered with aluminum foil, then plastic end caps, and finally wrapped with a suitable tape.

The ends of the brass tube will be covered with aluminum foil, then plastic end caps, and finally wrapped with a suitable tape.

The samples will be immediately placed on ice, or dry ice, for transport to a certified laboratory.

All samples will be collected by a qualified third party and samples will be protected against contamination and/or degradation during their collection, transport, and analysis. Formal chain-of-custody records will be maintained and submitted for each sample.

Soils will be analyzed for all constituents of the previously stored hazardous substances and their breakdown or transformation products.

At sites where the previously stored substance was motor vehicle fuel, soil/water samples will be analyzed for total hydrocarbons by the methods outlined in "Guidelines for Addressing Fuel Leaks", September, 1985, CA.RWQCB.

If the bottom of the tank is below the ground water table soil samples are not applicable. In this case a water sample will be collected as soon as possible from the surface of the groundwater in the excavation. A check will initially be made for any free floating product. If no floating product is detected then a water sample will be taken with a device designated to reduce the loss of volatile components. The water sample will be immediately poured into a volatile organic analysis (VOA) vial with as little agitation as possible. A teflon septum will be used to seal the vial.