



BURLINGTON ENVIRONMENTAL INC.
CHEMPRO Division



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BURLINGTON ENVIRONMENTAL, INC.
CHEMPRO DIVISION
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Berkeley, CA 94710
(510) 524-9372

FAX COVER SHEET

DATE: 2-14-92

TO: Larry Soto

FAX NUMBER: 528-3706

FROM: Jeff Allen

FAX NUMBER: (510) 524-7439

TOTAL PAGES 7

INCLUDING THIS SHEET

CONTACT IN CASE OF PROBLEMS:

Jeff Allen

TELEPHONE NUMBER:

(510) 524-9372

COMMENTS:

Larry - here is a copy of the letter you requested
with our recommendation - Hand Copy to follow



**BURLINGTON
ENVIRONMENTAL**

92 FEB 10 PM 3:48

February 12, 1992
BRK102/357

Mr. Larry Seto
Alameda County Health Care Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Re: **RECOMMENDATION FOR CLOSURE WITHOUT SAMPLING ALONG
UNDERGROUND PIPING**
Downtown Toyota
4145 Broadway
Oakland, California 94662

Dear Mr. Seto:

Burlington Environmental (Burlington) recommends granting site closure to Downtown Toyota (owned by Berkeley Farms) located at 4145 Broadway, in Oakland, California, without sampling the soil beneath the underground piping associated with the 500-gallon used oil tank which was removed February 7, 1992. This recommendation is written in response to your request during tank removal operations at the above captioned site on Friday, February 7, 1992.

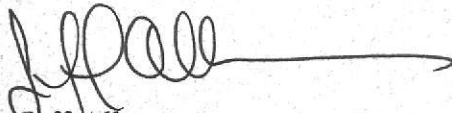
Burlington recommends that the underground product and vent lines associated with the 500-gallon used oil tank be abandoned in-place by rinsing the lines, filling the lines with a cement slurry, and capping the lines.

Berkeley Farms should be granted site closure on the piping without collecting samples beneath the piping for several reasons. (1) The tanks and the associated piping were precision tested by Associated Environmental Systems, Inc., on November 11, 1991. During the November 11 test, the 500-gallon tank, the product lines, and the vent lines were precision tested and the tank and associated piping passed the precision test. The test results are included in Appendix A. (2) The lines are located beneath a slab of concrete which is reinforced with rebar. The presence of the rebar in the concrete produces interference when attempting to locate the lines with a metal detector. The interference increases the potential for cutting the lines when coring through the concrete, and reduces the likelihood that soil samples will be collected from the correct location. (3) The depths of the lines range from 2 feet to approximately 6 feet below ground level. This large variance in depth combined with the interference from the rebar make the depth and location of the piping difficult to determine for sampling purposes.

In summary, Burlington recommends that the underground piping associated with the 500-gallon used oil tank be abandoned in-place by rinsing the lines, filling the lines with a cement slurry, and capping the lines, also that no soil samples are collected, for the reasons stated above.

If you have any questions regarding this recommendation, please do not hesitate to call me at (510) 524-9372.

Very truly yours,
BURLINGTON ENVIRONMENTAL



Jeff Allen
Field Supervisor

Enclosures: Appendix A - Precision Tank & Line Results Summary

cc: Mr. Ronald Madero, Berkeley Farms
4550 San Pablo Avenue
Emeryville, California 94662

KSF/ksf

Appendix A

PRECISION TANK & LINE RESULTS SUMMARY



Associated Environmental Systems, Inc.

P.O. Box 80427
Bakersfield, CA 93380
(805) 393-2212

**AES - SYSTEM II
PRECISION TANK & LINE TEST RESULTS SUMMARY**

Invoice Address:

DOWNTOWN AUTO CENTER
4145 BROADWAY
OAKLAND, CA. 94611

Tank Location:

DOWNTOWN AUTO CENTER
4145 BROADWAY
OAKLAND, CA.

W.O.#: 15778

I.D. Number:
Technician: MRC
Tech.#: 89179 Van#: 0115

Date: 11-21-91 Time Start: 1300
Facility Phone#:
Contact: MIKE

End: 1600 County: AL
Groundwater Depth: 10+ Blue Prints: N/A
Date; Time system was filled: 11-11-91

Tank	Tank Capacity	Product	Tank	Fill/Vent Vapor Lines	Product Line	Type Of Vapor Recovery	Inches of Water/Tank	Pump Type	Tank Material
1	550	W/O	PASS	PASS	PASS	N/A	15"	N/A	S-W-S

Additional Information: SUNNY, MID. 60'S

SITE LOG

	TIME
Set Up Equip:	1300
Bled Product Lines:	N/A
Bled Vapor Lines:	N/A
Bled Vent lines:	N/A
Bled Turbines:	N/A
Bled Suction Pump:	N/A
Risers Installed:	N/A

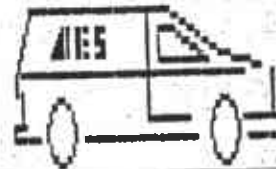
- a) This system and method meets the criteria set forth in NFPA #329.
- b) Any failure listed above may require further action, check with all regulatory agencies.

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California O.T.T.L. Number : 92-1265

Certified Technician Signature : *[Signature]*

Date : 11-21-91



VENT



Site Layout For : DOWNTOWN AUTO CENTER .

AES/System II Precision Leak Test Graph

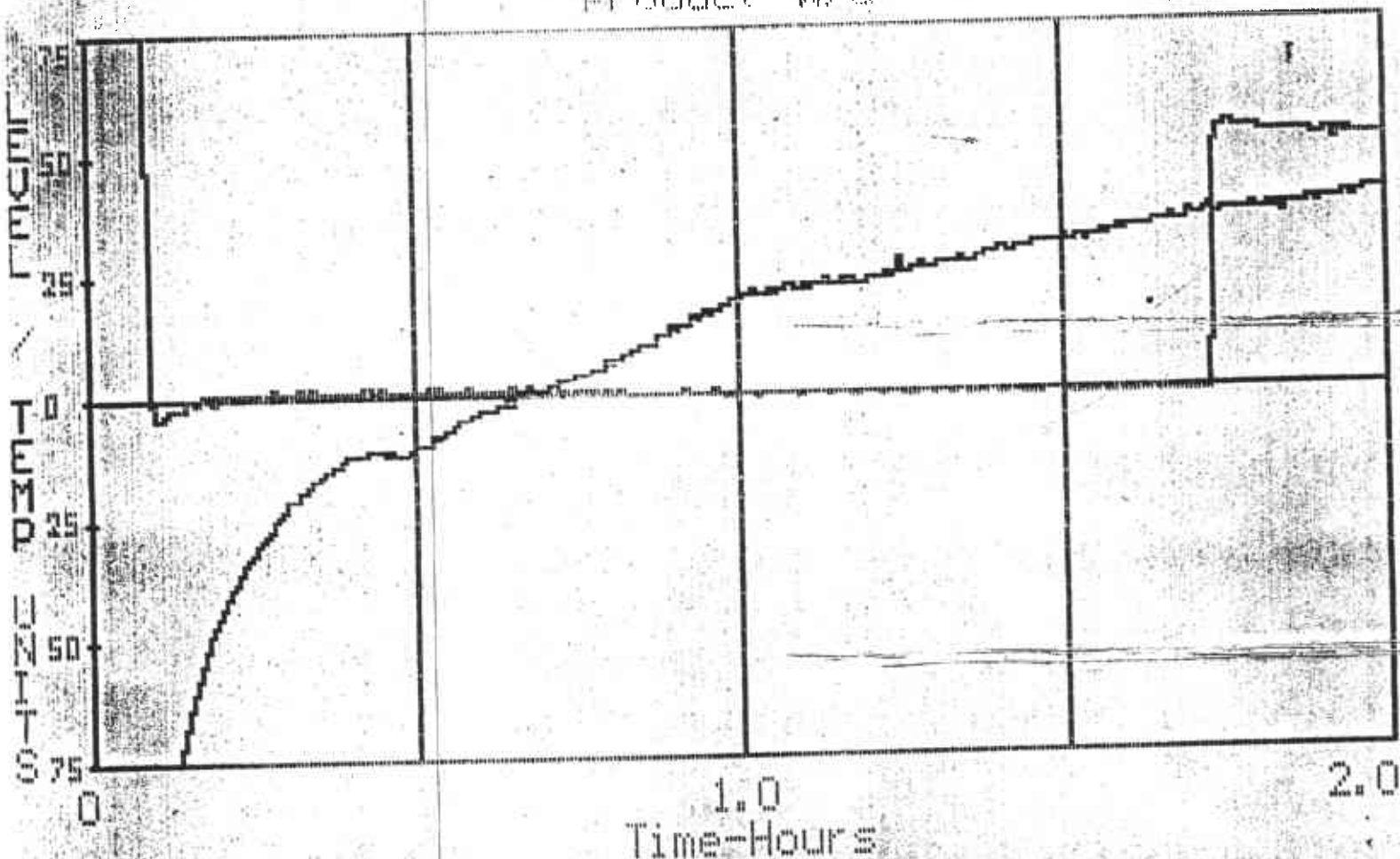
Invoice No.: 15778
 Technician: MRC
 Volume (gal): 550
 Water Level On Tank (in): 0
 Specific Gravity: 0.89
 Calibration Value (ml): 100
 Level Segment From: 50 To 225

Date: 11/21/91
 Tank: 1
 Grade Level (in): 80

Time: 14:04:44
 Tank Diameter (in): 45
 Product Level (in): 75

Coefficient Of Expansion: 0.0003345
 Channels: 1
 Temp Segment From: 200 To 300

Product H₂O



Change In Calibration Zone = 55
 Starting Temperature (F): 65.838
 Surface Area (sq. in): 17.5

Calibration Unit (gal/unit) = 0.00090
 Head Pressure (col/in (Btm)): 66.7
 Temp. Change (F/h) : 0.040

Level volume (gph): 0.00
 Temp. volume (gph): 0.00
 Net change (gph) : 0.00

Product Line (gph):

Result --> PASS

P/L --> PASS

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** Notes **

DOWNTOWN AUTO CENTER 4145 BROADWAY OAKLAND, CA.
 THIS IS A HIGH LEVEL TEST WITH A 1X-CAL.
 DRAIN LINES FLOODED AND INCLUDED IN TEST