



1385

APR 22 2002

VIA FACSIMILE AND OVERNIGHT DELIVERY

April 16, 2002

Ms. Karen Baker
California Environmental Protection Agency
Department of Toxic Substances Control
Southern Permitting Branch
5796 Corporate Avenue
Cypress, CA 90630

**RE: NOTIFICATION OF SECOND QUARTER 2002 SEMI-ANNUAL SAMPLING EVENT,
SAFETY-KLEEN OAKLAND SITE, 400 MARKET STREET, OAKLAND, CALIFORNIA**

Dear Ms. Baker:

This letter serves as notification that Safety-Kleen Corporation will be conducting the Second Quarter 2002 semi-annual sampling event at the above-referenced site on May 1, 2002. In accordance with the schedule for semi-annual sampling, the following groundwater monitor wells will be sampled: MW-1, MW-2, MW-3, MW-4, MW-9 and MW-12. All wells will be sampled for TPH as mineral spirits using EPA Method 8015, VOCs using EPA Method 8260B, and 1,4-dioxane using EPA Method 8270C. During recent events, analysis of manganese and chloride has been conducted at MW-9. Manganese and chloride will not be analyzed during the April 2002 sampling event. In accordance with site protocol, no samples will be collected from MW-9 if a product layer is detected. All samples will be submitted for analysis to Severn, Trent Laboratories (STL), located in West Sacramento, California. STL is certified by the state of California to perform all of the analyses required for this site.

Prior to the sampling event, depth to water measurements will be collected from all site monitor wells. This does not include MW-10, which was destroyed in July 1995 as part of the Cypress Freeway construction project.

If you have any questions regarding the information presented in this letter, or require additional information, please feel free to call me at (707) 748-7507 or Chris Walsh (Cameron-Cole) at (510) 769-3561.

Sincerely,

for Sharon Halper
Safety-Kleen Systems, Inc.



cc: Pratap Bulsara, DTSC Cypress
 Steve LuQuire, S-K (Sacramento)
 Gary Olsen, S-K (Oakland)
 Barney Chan, Alameda County Environmental Health Services
 Loretta Barsamian, RWQCB
 Chris Walsh, Cameron-Cole

CITY OF OAKLAND
 REPORT OF FIRE INSPECTION

ENGINE CO. **K0385**

ADDRESS **404 MARKET St** **205**

NAME _____

GENERAL INSPECTION PERMIT
 OTHER HAZARD NOTED HAZARD ABATED

NOTICE LEFT LETTER 1st NOTICE 2nd NOTICE FINAL

DATE	VIOLATION	O.F.C.	CONTACTED
6-27-90	PRESSURE TESTED PRIMARY AND SECONDARY APPLIC THIS DATE. 100 LEAKS DETECTED.		
	WATER TESTED MAIN LINES THIS DATE - NO LEAKS DETECTED. MAIN LINES CHECKED AT 9:00 A.M.		
	RECHECKED 11:55 A.M.		

A REINSPECTION WILL BE MADE WITHIN _____ DAYS.

FIRE PREVENTION BUREAU - PHONE 273-8857
 INSPECTOR **Steve B. Ball**

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

April 26, 2000

Ms. Sara Brothers, Sr. Project Manager
Safety-Kleen
5219 Guadalupe Trail, NW
Albuquerque, NM 87107
STID 3279

RE: Safety-Kleen Systems, Inc., 400 Market Street, Oakland, CA 94607

Dear Ms. Brothers:

I have reviewed your Quarterly Progress Report December 1999 – February 2000 for the above site. I did not see the analytical results for the groundwater sample taken from monitoring well MW-9. **This well is on a quarterly sampling schedule.** Please submit the analytical result from MW-9 for the 1st Quarter 2000.

In 1999 MW-9 was sampled on a semi-annual instead of a quarterly basis. Please put this well back on a quarterly sampling schedule as per my letter dated November 17, 1998.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Greg Hoehn, SECOR International, 1390 Willow Pass Road, Suite 360,
Concord, CA 94520

Files

ENVIRONMENTAL
PROTECTION

SECOR
International Incorporated

99 OCT 13 PM 3: 26

October 5, 1999

Via FedEx Airbill No. 815742102175

Mr. Stephen Hill
ESIV Supervisor
California Regional Water Quality Control Board - San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

**RE: APPLICATION OF POTASSIUM PERMANGANATE TO GROUNDWATER
SAFETY-KLEEN SYSTEMS, INC. SERVICE CENTER
400 MARKET STREET, OAKLAND, CALIFORNIA
EPA ID No. CAD053044053**

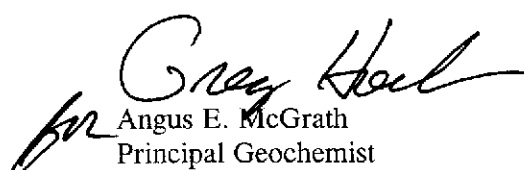
Dear Mr. Hill:

This letter is to confirm our September 30, 1999 conversation concerning the Chemical Oxidation Pilot Study (Pilot Study) to be conducted at the Safety-Kleen Systems, Inc. (Safety-Kleen) facility located at 400 Market Street in Oakland, California. In our conversation, you stated that although the San Francisco Bay Region of the California Regional Water Quality Control Board (RWQCB) will not be able to review the Pilot Study work plan, the RWQCB does not object to the injection of potassium permanganate into the subsurface for the remediation of chlorinated alkene-impacted groundwater.

Should you have any concerns with respect to SECOR injecting potassium permanganate on behalf of Safety-Kleen at the Oakland facility, please contact Dr. Angus McGrath of SECOR at (510) 285-2556 (ext. 228) or Mr. Greg Hoehn of SECOR at (925) 686-9780 (ext. 35) as soon as possible. If we do not receive any additional comments from you within one week of the date of this letter, we will proceed with the implementation of the Pilot Study.

Sincerely,

SECOR International Incorporated


Angus E. McGrath
Principal Geochemist

cc: Sara Brothers, Safety-Kleen
Steven LuQuire, Safety-Kleen
Heather Collins, Safety-Kleen
Robert Senga, DTSC
Larry Seto, Alameda County Environmental Health Services
Greg Hoehn, SECOR

I:\Safety-Kleen\Oakland\08\rwqcbphoneconf.doc
October 11, 1999

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 28, 1999

Ms. Sara Brothers
Safety-Kleen Systems, Inc.
2720 Girard NE
Albuquerque, New Mexico 87107

RE: Safety-Kleen, 400 Market Street, Oakland, CA

Dear Ms. Brothers:

I have received your letter dated March 8, 1999 requesting approval of the *In Situ* Chemical Oxidation Pilot Study Workplan dated March 8, 1999 that was prepared by Secor International Inc. Mr. Derek Lee of the Regional Water Quality Control Board informed me that he spoke to Mr. Robert Senga of the Department of Toxic Substances Control. Mr. Senga has reservations at this time in approving your workplan.

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

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Derek Lee, Regional Water Quality Control Board, 1515 Clay Street, Suite 1400
Oakland, CA 94612
Robert Senga, Department of Toxic Substances Control, Facility Permitting,
1011 N. Grandview Avenue, Glendale, CA 91201
Greg Hoehn, SECOR, 1390 Willow Pass Road, Suite 360, Concord, CA 94520
Files



ENVIRONMENTAL
PROTECTION

98 DEC 21 11 4: 02
Via Certified Mail No. Z103265548

December 18, 1998

Mr. Larry Seto
Senior Hazardous Materials Specialist
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Modified Groundwater Sampling Schedule**
Safety-Kleen Systems, Inc. Service Center
400 Market Street
Oakland, California 94607
EPA ID No. CAD 053044053

Dear Mr. Seto:

Safety-Kleen Systems, Inc. (Safety-Kleen) is in receipt of your correspondence dated November 17, 1998, which addresses Safety-Kleen's request to modify the current groundwater sampling schedule for the site referenced above. Safety-Kleen made the request in a cover letter to a Quarterly Progress Report dated October 8, 1998. Safety-Kleen performs groundwater sampling under the direction of the California EPA - Department of Toxic Substances Control (DTSC) in accordance with the site's Hazardous Waste Facility Permit. Currently, groundwater sampling consists of collecting and analyzing samples from four wells every quarter, from six wells semi-annually, and from each of the wells (unless a sheen or separate-phase product is present) annually. Safety-Kleen's request was to sample six wells semi-annually, all the wells annually, and continue to collect depth-to-groundwater data quarterly. As noted in your letter, the modification to the sampling schedule is approved with the exception that monitoring well MW-9 continue to be sampled quarterly.

Safety-Kleen appreciates Alameda County's efforts on this project and the rapid response to the sampling modification request. Safety-Kleen will comply with Alameda County's request and sample monitoring well MW-9 quarterly, unless a sheen or separate-phase product is present in the well, in which case the well will not be sampled.

If you have any questions regarding the modified sampling schedule or on the status of the project in general, please feel free to contact me at (505) 888-3952.

Sincerely,

sc
Sara C. Brothers
Senior Project Manager-Remediation
Safety-Kleen Systems, Inc.
2720 Girard NE
Albuquerque, NM 87107

cc: Robert Senga, DTSC
Scott Davies, Safety-Kleen Systems, Inc.
Marty White, Safety-Kleen Systems, Inc.
Branch Environmental File (999)
Greg Hoehn, SECOR International Incorporated

A:\OAKLAND8.L13
December 18, 1998
SECOR Job No. 70005-009-08

ONE BRINCKMAN WAY ELGIN, ILLINOIS 60123-7857 PHONE 847/697-8460 FAX 847/468-8500

PRINTED ON RECYCLED PAPER

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

November 17, 1998

Sara Brothers, CPG
Safety Kleen
One Brinckman Way
Elgin, Illinois 60123-7857

RE: 400 Market Street, Oakland, CA 94607

Dear Ms. Brothers:

I have received a copy of your letter dated October 8, 1998 to Mr. Robert Senga with the California Environmental Protection Agency (Cal EPA). Your request to reduce sampling events from quarterly to semiannual basis, with continued quarterly fluid-level measurements is acceptable in MW-2, MW-3, MW-4 and MW-8 if Cal EPA has no objections. However, MW-9 should continue to be monitored and sampled on a quarterly basis.

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

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Robert Senga, Cal EPA, 1011 N. Grandview Avenue, Glendale, CA 91201



3279

October 9, 1996

Via Certified Mail No. P193223604

Mr. Robert M. Senga
Facility Permitting Branch
Environmental Protection Agency
Department of Toxic Substances Control, Region 4
245 West Broadway, Suite 350
Long Beach, California 90802-4444

Re: **Well Purging Study**
Safety-Kleen Corp. Service Center
400 Market Street, Oakland, California

Dear Mr. Senga:

Safety-Kleen Corp. (Safety-Kleen) is planning to implement a study of the effects of well purging on the quality of groundwater samples collected at the above referenced site. The study will involve the collection and laboratory analysis of two sets of groundwater samples during the next regularly scheduled quarterly sampling event. One set of samples will be collected from each well immediately after the well is monitored for depth-to-water prior to purging the well. Each well will then be purged and sampled following standard well purging protocol. The two sets of groundwater samples will be handled in the same manner and delivered to a laboratory for analysis of total petroleum hydrocarbons as mineral spirits (TPHms) by U.S. Environmental Protection Agency (EPA) Methods 5030/8015 modified and for volatile organic compounds (VOCs) by EPA Methods 8010/8020. Upon completion of the laboratory analysis, the two data sets will be compared to assess the effects of purging on the types and concentrations of analytes detected. Recent data has suggested that in most cases "no-purge" samples are comparable to post-purge samples and that no systematic differences in the analytical results are found. The study also indicates that when a systematic difference is found, there is a tendency for the no-purge concentration to be higher than the post-purge concentration. Safety-Kleen is proposing to perform no-purge and post-purging analysis for the sampling event scheduled for October 1996. Details of the methodology used and the results of the laboratory analysis of the two sample sets will be presented in the next quarterly report. If the results appear favorable, the study will be repeated at the next sampling event. At that time, Safety-Kleen will make a determination as to the preferred method, and will present the results of the study and request that the no-purge sampling methodology be accepted by the DTSC at the Oakland Safety-Kleen site, and possibly other Safety-Kleen facilities in California.

OAKLAND7.L17
October 9, 1996
SECOR Job No. 70005-009-07

Mr. Robert M. Senga
Department of Toxic Substances Control, Region 4
October 9, 1996
Page 2

If you have any questions, please call me at (503) 655-2769.

Sincerely,



for Chip Prokop
Senior Project Manager - Remediation
Safety-Kleen Corp.

cc: Keith Marcott, Safety-Kleen Corp.
Marty White, Safety-Kleen Corp.
Frank Gonzales, Cal/EPA-DTSC
Karen Baker, Cal/EPA-DTSC
Scott Davies, Safety-Kleen Corp.
Branch Environmental File (7-178-01)
Jennifer Eberle, Alameda County Department of Environmental Health
Steven Ritchie, California Regional Water Quality Control Board
Greg Hoehn, *SECOR*



Cal/EPA

Department of
Toxic Substances
Control

245 West Broadway,
Suite 425
Long Beach, CA
90802-4444

September 20, 1996

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Mr. Chip Prokop
Senior Project Manager - Remediation
Safety-Kleen Corporation
16540 S.E. 130th Avenue
Clackamas, Oregon 97015

Dear Mr. Prokop:

**RCRA CORRECTIVE ACTION: SAFETY-KLEEN CORPORATION
OAKLAND FACILITY 400 MARKET STREET, OAKLAND
(EPA ID NO. CAD053044053)**

The Department of Toxic Substances Control (DTSC) approved the RCRA Facility Investigation Report (Report) for the subject facility on May 20, 1996. The approval letter also requested you to provide documentation for the evaluation of the effectiveness of the SVE system, the floating product collection method and an assessment of alternative floating product collection methods. However, we have not received any documentation required to proceed with the corrective action.

Please submit a Corrective Measure Workplan/Report within sixty days from receipt of this letter to comply with the Hazardous Waste Facility Permit dated February 5, 1992.

If you have any questions, please call Ms. Katherine Leibel at (310) 590-4895.

Sincerely,

Robert M. Senga
Unit Chief
Facility Permitting Branch

cc: See next page.



Printed on Recycled Paper

Mr. Chip Prokop
September 20, 1996
Page 2

cc: Mr. Allen R. Winans
CEG No.1402
Permitting Division
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Sum Arigala
SFRWQCB
2101 Webster Street, Suite 500
Oakland, California 94612

✓ Ms. Jennifer Emberle
Alameda County Environmental
Health Department
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Greg Hoehn
Principal Geologist
Secor Environmental Engineering
1390 Willow Pass Road, Suite 360
Concord, California 94502

July 8, 1996



Via Certified Mail No. P193223573

Ms. Jennifer Eberle
Alameda County
Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, Second Floor
Alameda, California 94502-6577

Re: **Safety-Kleen Corp. Service Center**
400 Market Street, Oakland, California

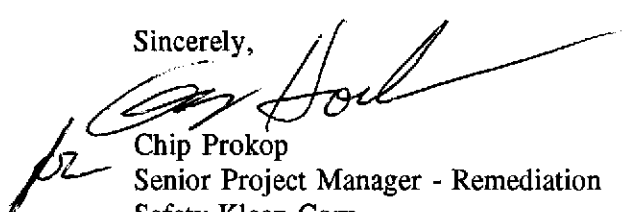
Dear Ms. Eberle:

Enclosed is the second quarter monitoring and sampling report for 1996 which summarizes the groundwater monitoring and vapor extraction activities conducted at the above-referenced facility. This report covers the period from March through May 1996. Safety-Kleen is following the modified groundwater sampling schedule as described in the letter submitted on July 13, 1994, and as modified and approved by Alameda County in a response letter dated July 27, 1994.

Safety-Kleen is in receipt of the Alameda County May 21, 1996 letter regarding the site referenced above. As requested in the May 21, 1996 letter, a table summarizing groundwater elevations since January 1993 is provided in the enclosed quarterly report. In response to the Alameda County request to modify the groundwater sampling schedule, Safety-Kleen has been instructed by the California EPA - Department of Toxic Substances (DTSC) that they are currently overseeing all corrective action activities at the Oakland facility and that all requests from local agencies be routed through DTSC Region IV. Therefore, Safety-Kleen is not able to comply with your request at this time. After the oversight has been transferred in accordance with Assembly Bill 2061 (AB 2061), Safety-Kleen will modify the schedule if the DTSC so requests.

If you have any questions, please call me at (503) 655-2769.

Sincerely,


Chip Prokop
Senior Project Manager - Remediation
Safety-Kleen Corp.

Enclosure

cc: Keith Marcott, Safety-Kleen Corp.
Scott Davies, Safety-Kleen Corp.
Branch Environmental File (7-178-01)
Robert Senga, Department of Toxic Substances
Steven Ritchie, California Regional Water Quality Control Board
Scott Comiso, Bay Area Air Quality Management District
Greg Hoehn, SECOR

OAKLAND7.L15 July 8, 1996 SECOR Job No. 70005-009-07

96 JUL -9 PM 3:02
ENVIRONMENTAL
PROTECTION



June 26, 1996

Via Certified Mail No. P193223578

Ms. Jennifer Eberle
Alameda County Health Care Services Agency
Environmental Hazardous Materials Division
1311 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

**RE: Safety-Kleen Corp.
400 Market Street
Oakland, CA 94607
STID 3279**

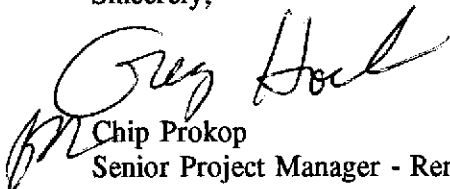
Dear Ms. Eberle:

Safety-Kleen Corp. (Safety-Kleen) has prepared this letter to inform the Alameda County Health Care Services Agency (Alameda County) of the regulatory oversight status for the project referenced above. The California Environmental Protection Agency - Department of Toxic Substances Control (DTSC) - Region 4 is currently overseeing corrective action at the Oakland facility as part of a State-wide DTSC oversight program of Safety-Kleen facilities.

DTSC's program manager for the Safety-Kleen projects (Mr. Robert Senga) has requested that all inquiries and concerns by local agencies be coordinated through his office. While Safety-Kleen appreciates your concern with the Oakland project, we foresee that the issues mentioned in your May 21, 1996 letter will be addressed through cooperation with the DTSC.

Safety-Kleen appreciates the time and effort Alameda County has contributed to the cleanup program at the Oakland facility. If you have any questions on the DTSC oversight status of the project, please contact Mr. Robert Senga with the DTSC at (310) 590-4882.

Sincerely,


Chip Prokop
Senior Project Manager - Remediation
Safety-Kleen Corp.

cc: Robert Senga, DTSC
Keith Marcott, Safety-Kleen Corp.
Scott Davies, Safety-Kleen Corp.
Greg Hoehn, SECOR

OAKLAND7.L16
June 26, 1996
SECOR Job No. 70005-009-07

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Alameda County
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

CC4580

May 21, 1996
STID 3279
page 1 of 2

Safety-Kleen Corp.
16540 SE 130th St.
Clackamas OR 97015
Attn: Edward Prokop

RE: Safety-Kleen site, 400 Market St., Oakland CA 94607

Dear Mr. Prokop,

Since my last letter to Safety Kleen, dated 3/6/95, addressed to Anne Lunt, the following documents have been received in this office:

- 1) "Quarterly Groundwater Monitoring and Soil Vapor Extraction Report," prepared by Secor, dated 3/28/95;
- 2) "Quarterly Groundwater Monitoring and Soil Vapor Extraction Report," prepared by Secor, dated 6/28/95;
- 3) "Quarterly Groundwater Monitoring and Soil Vapor Extraction Report," prepared by Secor, dated 10/2/95;
- 4) letter from DTSC to you, dated 1/5/95, re RCRA Facility Assessment (RFA);
- 5) letter from DTSC to you, dated 1/5/95, re RCRA Facility Assessment (RFA);
- 6) "RCRA Facility Investigation Work Plan," prepared by Secor, dated 2/1/96, (submitted to DTSC);
- 7) "Quarterly Groundwater Monitoring and Soil Vapor Extraction Report," prepared by Secor, dated 12/29/95;
- 8) "RCRA Facility Investigation Report," prepared by Secor, dated 3/27/96, (submitted to DTSC);
- 9) "Quarterly Groundwater Monitoring and Soil Vapor Extraction Report," prepared by Secor, dated 3/13/96; and
- 10) letter from DTSC to you, dated 5/7/96.

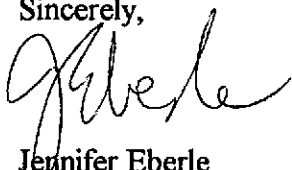
May 21, 1996
STID 3279
page 2 of 2
Safety-Kleen Corp.

Secor reported that the soil vapor extraction (SVE) system resumed operation on 11/28/95, using carbon adsorption as vapor abatement.

You are requested to include a table of historical groundwater elevations (GWEs) in future quarterly reports. It is helpful to see changes in GWEs when noting changes in analytical results. In addition, you are requested to change the times of sampling the semi-annual wells from 2nd and 4th quarters, to 1st and 3rd quarters (MW1, MW12). The 1st and 3rd quarters reflect seasonally high and low water tables. Please also change the times of sampling the annual wells from 2nd to 1st quarter (MW5, MW6, MW11, MW13).

If you have any questions, please contact me directly at 510-567-6761.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Greg Hoehn, Secor, 1390 Willow Pass Rd., suite 360, Concord CA 94520-5250
Acting Chief/file

je.3279-B

7-5-96

Post-It™ brand fax transmittal memo 7671 # of pages ▶ 2

To	Catherine	From	J. Eberle
Co.	Libel	Co.	
Dept.		Phone #	
Fax #		Fax #	

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Region 4
245 West Broadway, Suite 350
Long Beach, CA 90802-4444



May 20, 1996

Mr. Chip Prokop
Senior Project Manager - Remediation
Safety-Kleen Corporation
16540 S.E. 130th Avenue
Clackamas, Oregon 97015

Dear Mr. Prokop:

RCRA FACILITY INVESTIGATION REPORT APPROVAL: SAFETY-KLEEN CORPORATION OAKLAND FACILITY 400 MARKET STREET, OAKLAND (EPA ID NO. CAD053044053)

The Department of Toxic Substances Control (DTSC) has reviewed the RCRA Facility Investigation Report (Report) dated March 27, 1996. The Report was submitted to comply with the Hazardous Waste Facility Permit (Permit) dated February 5, 1992. DTSC hereby determines the Report is complete and adequate.

However, the proposed long term, final corrective measures are not acceptable since you did not provide documentation for the evaluation of the effectiveness of the SVE system, the floating product collection method and an assessment of alternative floating product collection methods. In order to proceed with the Corrective Action process, you must provide the above information.

If you have any questions, please call Ms. Katherine Leibel at (310) 590-4895.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Senga'.

Robert M. Senga
Unit Chief
Facility Permitting Branch

cc: See next page.

Mr. Chip Prokop
May 20, 1996
Page 2

cc: Mr. Allen R. Winans
CEG No.1402
Permitting Division
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Sum Arigala
SFRWQCB
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Jennifer Emberle
Alameda County Environmental
Health Department
1131 Habor Bay Parkway
Alameda, California 94502

Mr. Greg Hoehn
Principal Geologist
Secor Environmental Engineering
1390 Willow Pass Road, Suite 360
Concord, California 94502

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Region 4
245 West Broadway, Suite 350
Long Beach, CA 90802-4444



May 7, 1996

Mr. Chip Prokop
Senior Project Manager - Remediation
Safety-Kleen Corporation
16540 S.E. 130th Avenue
Clackamas, Oregon 97015

Dear Mr. Prokop:

**RCRA FACILITY INVESTIGATION REPORT: SAFETY-KLEEN CORPORATION
OAKLAND FACILITY 400 MARKET STREET, OAKLAND
(EPA ID NO. CAD053044053)**

The Department of Toxic Substances Control (DTSC) has reviewed the RCRA Facility Investigation Report (Report) dated March 27, 1996. The Report was submitted to comply with the Hazardous Waste Facility Permit (Permit) dated February 5, 1992. Upon review, we found that the Report is acceptable to DTSC provided the cross-sections and TCE plume data are incorporated into the Final Report. Please submit the Final Report by May 20, 1996. Upon receipt of the Final Report, RCRA investigation for the subject facility will be complete.

However, the proposed long term, final corrective measures are not acceptable since you did not provide documentation for the evaluation of the effectiveness of the SVE system, the floating product collection method and an assessment of alternative floating product collection methods. In order to proceed with the Corrective Action process, you must provide the above information.

If you have any questions, please call Ms. Katherine Leibel at (310) 590-4895.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Senga'.

Robert M. Senga
Unit Chief
Facility Permitting Branch

cc: See next page



Mr. Chip Prokop

May 7, 1996

Page 2

cc: Mr. Allen R. Winans
CEG No.1402
Permitting Division
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Sum Arigala
SFRWQCB
2101 Webster Street, Suite 500
Oakland, California 94612

✓ Ms. Jennifer Emberle
Alameda County Environmental
Health Department
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Greg Hoehn
Principal Geologist
Secor Environmental Engineering
1390 Willow Pass Road, Suite 360
Concord, California 94502

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

March 6, 1995
STID 3279

Safety-Kleen Corp.
PO Box 1447
Manhattan Beach CA 90266
Attn: Anne Lunt

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

RE: Safety-Kleen site, 400 Market St., Oakland CA 94607

Dear Ms. Lunt,

During review of the 12/22/94 "Quarterly Groundwater Monitoring and Soil Vapor Extraction Report," I learned that the soil vapor extraction (SVE) system was shut down in late November 1994, and has not been restarted, as per page 2-1. This was confirmed during a telephone conversation with Greg Hoehn of SECOR, and then yourself, on 2/24/95. **You are requested to highlight this type of information in your cover letter, at a minimum, in future reports.** That way, this type of report could have been considered top priority. Reports are prioritized by glancing at the contents of the cover letter and by noting the type of report. Quarterly reports are usually second priority. This report was deemed second priority; it was received on 12/24/94, and was reviewed on 2/24/95. I would have reviewed it within 2 weeks to a month if I had realized it was top priority.

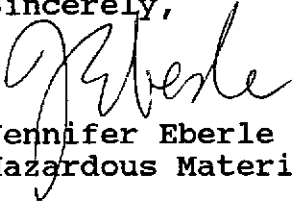
Apparently, the system was shut down when the SVE piping was damaged during excavation activities for installation of cathodic protection on the USTs. There has been some controversy as to whether the electrical system for the SVE system is up to code.

I understand these matters take time to untangle. However, free floating mineral spirits continues to accumulate on the groundwater table. **Therefore, you are requested to restart the SVE system within 30 days, or by April 6, 1995.** As per a telephone conversation with Greg Hoehn of SECOR today, I understand that your options are to either hire an electrician to examine and repair the system, or to use carbon for treatment without the Purus system.

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite. I appreciate being kept informed as work progresses. You may contact me directly at 510-567-6761.

March 6, 1995
STID 3279
Safety-Kleen Corp.
page 2 of 2

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Greg Hoehn, Seacor, 1390 Willow Pass Rd., suite 360,
Concord CA 94520-5250
Gordon Coleman/file

je.3279-A

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Region 4
245 West Broadway, Suite 425
Long Beach, CA 90802-4444



February 23, 1995

Mr. Edward (Chip) Prokop
Senior Project Manager - Remediation
Safety-Kleen Corporation
16540 S.E. 130th Avenue
Clackamas, Oregon 97015

Dear Mr. Prokop:

**RCRA FACILITY ASSESSMENT WORKPLAN: SAFETY-KLEEN CORPORATION
OAKLAND FACILITY (EPA ID NO. CAD053044053)**

The Department of Toxic Substances Control (DTSC) has reviewed the revised RCRA Facility Investigation Workplan (RFI) dated February 1, 1996 for Safety-Kleen Corp. Oakland facility. The RFI was submitted to comply with the Hazardous Waste Facility Permit (Permit) dated February 5, 1992. The DTSC hereby approves the RFI.

Pursuant to Section IV of the permit, a RFI report is required. The report must contain data and results from the investigation including TCE plume which was identified in the RFI dated September 15, 1995. Please submit RFI report by March 30, 1996 for our review.

If you have any questions, please call Ms. Katherine Leibel at (310) 590-4895.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Senga'.

Robert M. Senga
Unit Chief
Facility Permitting Branch

cc: See next page



Mr. Edward (Chip) Prokop
February 23, 1996
Page 2

cc: Mr. Sum Arigala
SFRWQCB
2101 Webster Street, Suite 500
Oakland, California 94612

Mr. Allen R. Winans
CEG No.1402
Permitting Division
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Greg Hoehn
Principal Geologist
Secor Environmental Engineering
1390 Willow Pass Road, Suite 360
Concord, California 94520-5250

✓ Ms. Jennifer Emberle
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California 94502

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Region 4
245 West Broadway, Suite 425
Long Beach, CA 90802-4444

3279



January 5, 1995

Mr. Edward (Chip) Prokop
Senior Project Manager - Remediation
Safety-Kleen Corporation
16540 S.E. 130th Avenue
Clackamas, Oregon 97015

Dear Mr. Prokop:

**RCRA FACILITY ASSESSMENT WORKPLAN: SAFETY-KLEEN CORPORATION
Oakland FACILITY (EPA ID NO. CAD053044053)**

The Department of Toxic Substances Control (DTSC) has reviewed the RCRA Facility Investigation Workplan (RFI) dated September 15, 1995 for Safety-Kleen Corporation (SK) Oakland facility. The RFI was submitted to comply with the Hazardous Waste Facility Permit dated February 5, 1992.

As a result of the review, DTSC found that Safety-Kleen has corrective measures in place that are removing pure product and vapors from soil and groundwater at slow rates. However, ~~the~~ **following are required before DTSC can approve the RFI.** 1) The monitoring data should be presented on cross-sections that show sub-surface conditions, including the stratigraphy, ground water levels, flow direction(s), and contaminant plumes. 2) **Provide information and demonstrate the source of TCE plume identified in the RFI,** pursuant to Subsection 66264.99(f), Title 22, Code of California Regulations.

Also, the Health and Safety Section of the RFI Workplan (Appendix B) needs to be revised to include spill containment procedures, physical and chemical hazards and their associated toxicological effects as well as occupational exposure limits.



Mr. Edward (Chip) Prokop
January 5, 1995
Page 2

Please submit three copies of the revised RFI workplan by February 3, 1996. If you have any questions, please call Ms. Katherine Leibel at (310) 590-4895.

Sincerely,



Robert M. Senga
Unit Chief
Facility Permitting Branch

Enclosures

cc: Mr. Sum Arigala
SFRWQCB
2101 Webster Street, Suite 500
Oakland, California 94612

Mr. Allen R. Winans
CEG No.1402
Permitting Division
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Jerry D. Early, M.A., REHS
Associate Industrial Hygienist
Office of Scientific Affairs
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

Mr. Greg Hoehn
Principal Geologist
Secor Environmental Engineering
1390 Willow Pass Road, Suite 360
Concord, California 94520-5250

Ms. Jennifer Emberle
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California 94502

7-28-94 Δ RBase
AP w/ G. Hoehn.

60' deep screened in bottom 5'.
It's the btm of - upper aquifer
To check for DNAPL - fm VOCs

10-6 Revy 8-1-94 ltr fm S-K, w/ revised
sample schedule. In G. Hoehn w/new #.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

July 27, 1994
STID 3279

Safety-Kleen Corp.
PO Box 1447
Manhattan Beach CA 90266
Attn: Anne Lunt

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY, 2ND FLOOR
ALAMEDA, CA 94502-6577

RE: Safety-Kleen site, 400 Market St., Oakland CA 94607

Dear Ms. Lunt,

I am in receipt of your letter dated 7/13/94, and the Quarterly Groundwater Monitoring and Soil Vapor Extraction Report, prepared by Seacor, dated 7/13/94. Your letter stated your intent to modify the sampling frequency. Please understand that the frequency and duration of monitoring/sampling are determined by this office, as per the LUFT Field Manual.

However, in review of your 7/13/94 letter, all but one change in frequency is acceptable. MW-8 should be monitored and sampled quarterly; it is near the center of the plume, and has an array of VOCs. It is also downgradient from MW-9, the free product well; it should be monitored for possible migration of free product. The other changes in frequency are acceptable: wells MW-1, MW-10 and MW-12 will be sampled semi-annually; wells MW-5, MW-6, MW-11, and MW-13 will be sampled annually.

Your 7/13/94 letter indicates that MW-13 is a "deep well." How deep is this well? Where is it screened?

You may contact me at 510-337-2868. If no answer, you can leave a message at 510-271-4320. These are temporary phone numbers. I have not been informed when we will get a permanent number, nor what it will be. PLEASE NOTE THAT OUR NEW ADDRESS IS 1131 HARBOR BAY PARKWAY, 2nd FLOOR, ALAMEDA CA 94502-6577.

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Greg Hoehn, Seacor, 1390 Willow Pass Rd., suite 360,
Concord CA 94520-5250

Ed Howell/file

je 3279

4-8-94 Reviewed the 4-1-94 QR+SUE Report
by SEACOR.

GW sampled 1-19-94 flowed S. (consistent)
+ had ND BTEX.

~~TPH~~ 932 lb_v removed by SOE as of 2-28-94.
TPH-ms
(or 43.7 gal)
TPH-ms.

How thick was FP in RW?
MW-9 had 7" FP. This is a decrease of 4".
Still have VOCs (MW 4, 5, 8, 10, 11 + 12).
These are both UG, DG, + in-bet. wells.

270 ppb TPH-ms in MW4.

7-22 Reviewed 7-13 ltr fm S-K

They want to reduce frequency of QS to
semi-annual in MW-1, 10 + 12, + to annual
in MW 5, 6, 8, 11 + 13.

Reviewed 7-13 QR by Seacor. GW sampled
4-20 flowed S + had ND BTEX, 760 TPHms
in MW 4, ~1' FP in MW-9, + VOCs in 7 MWs.
FP decreased signif. in MW-9.
Says MW-13 is a "deep well"

3279

RW385

11-18-93 Revy 10-1-93 @ Seacor report

~~GW plumed SW (towards bay) on 7-29-93.~~

Still some 8010 constituents in gw.

No BTEX in MWs. no TPH-mineral
spirits in MWs.

SVE began 6-1-93.

The FP skimming pump has removed
FP (ms) since 5-20-93 due to a) lack
of FP + b) recent pump breakdown.

2-28-94 revy 1-5-94 @ Rev by Seacor
+ VES report

~~GW plumed SW (towards bay) on 7-29-93.~~

MW9 had ~~FP (ms)~~^(eleven) 11" FP (ms) on 10-20-93

MW-1 had 3/4" FP

pump was repaired Sept. 93

No BTEX in gw.

Still some 8010 constituents in gw.

400ppb TPHms in MW4 (unk HC in lab report)

3279 S-K

10385

(FP recovery + product skimmer)

training session on Purus SSm at site.
she'll let me know ~ 1 wk ahead.

TCE_v is disappearing in UG wells (mw10?)
+ chloroform.
not sure why.

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# 3279 Site Name Safety Klean Today's Date 5/27/93
 Site Address 404 Market St EPA ID# _____
 City Oak Zip 94607 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A. GENERATOR (Title 22)

Manifest	<input type="checkbox"/> 1. Waste ID	66471
	<input type="checkbox"/> 2. EPA ID	66472
	<input type="checkbox"/> 3. > 90 days	66508
	<input type="checkbox"/> 4. Label dates	66508
	<input type="checkbox"/> 5. Biennial	66493
Manifest	<input type="checkbox"/> 6. Records	66492
	<input type="checkbox"/> 7. Correct	66484
	<input type="checkbox"/> 8. Copy sent	66492
	<input type="checkbox"/> 9. Exception	66484
	<input type="checkbox"/> 10. Copies Rec'd	66492
Misc.	<input type="checkbox"/> 11. Treatment	66371
	<input type="checkbox"/> 12. On-site Disp. (H.S.&C.)	26189.5
	<input type="checkbox"/> 13. Ex Haz. Waste	66570
Prevention	<input type="checkbox"/> 14. Communications	67121
	<input type="checkbox"/> 15. Aisle Space	67124
	<input type="checkbox"/> 16. Local Authority	67126
	<input type="checkbox"/> 17. Maintenance	67120
	<input type="checkbox"/> 18. Training	67105
Confin. Agency	<input type="checkbox"/> 19. Prepared	67140
	<input type="checkbox"/> 20. Name List	67141
	<input type="checkbox"/> 21. Copies	67141
	<input type="checkbox"/> 22. Emg. Coord. Trng.	67144
Containers, Tanks	<input type="checkbox"/> 23. Condition	67241
	<input type="checkbox"/> 24. Compatibility	67242
	<input type="checkbox"/> 25. Maintenance	67243
	<input type="checkbox"/> 26. Inspection	67244
	<input type="checkbox"/> 27. Buffer Zone	67246
	<input type="checkbox"/> 28. Tank Inspection	67259
	<input type="checkbox"/> 29. Containment	67245
	<input type="checkbox"/> 30. Safe Storage	67261
	<input type="checkbox"/> 31. Freeboard	67257
	I.B. TRANSPORTER (Title 22)	
Manifest	<input type="checkbox"/> 32. Applic./Insurance	66428
	<input type="checkbox"/> 33. Comp. Cert./CHP Insp.	66448
	<input type="checkbox"/> 34. Containers	66465
	<input type="checkbox"/> 35. Vehicles	66465
Manifest	<input type="checkbox"/> 36. EPA ID #s	66531
	<input type="checkbox"/> 37. Correct	66541
	<input type="checkbox"/> 38. HW Delivery	66543
	<input type="checkbox"/> 39. Records	66544
Cont's	<input type="checkbox"/> 40. Name/ Covers	66545
	<input type="checkbox"/> 41. Recyclables	66800

Comments:

Witness the start up of the vapor extraction system.
 System is the Purist - Padre system which collects the vapor from 7 trenched pipings. The vapor/leg goes thru a trench down drum & vapors (organics) are collected in a resin packed chamber. When loaded w/ organics the resin is baked & volatiles carried w/ nitrogen into a chiller which condenses the organics. The liquid (mineral spirits) is transferred to a 55 gallon, secondary contained drum. This condensate is then added to the "spent" thinner & ST for eventual recycling.

- Slcor PE - Gordon Alexander
 Purus - Applicatons Eng - Anat Grant

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: BChen

Signature: _____



May 24, 1993

Mr. Scott Comiso
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109

Subject: **Vapor Extraction System Start Up
Safety-Kleen Service Center
400 Market Street
Oakland, California
Application Number 10421**

Dear Mr. Comiso:

This letter has been prepared to inform the Bay Area Air Quality Management District (BAAQMD) of Safety-Kleen Corporation's intent to initiate operation of the vapor extraction system at the above-referenced site. The system start up is scheduled for approximately 10:00 am on Thursday, May 27, 1993. Start up and operation will be conducted in accordance with the BAAQMD Authority to Construct (Application Number 10421), dated March 4, 1993 and operating conditions No. 9101.

If you have any questions or require additional information, please contact Greg Hoehn of Science & Engineering Analysis Corporation (SEACOR®) 510 686-9780 or myself at 310 831-3903.

Sincerely,

for
Anne Lunt
Sr. Project Manager - Remediation
Safety-Kleen Corporation

cc: ✓ Jennifer Eberle, Alameda County Environmental Health
Steven Ritchie, RWQCB
Alfred Wong, CAL-EPA DTSC
Gary Long, Safety-Kleen Corporation
Mercy Parker, Safety-Kleen Corporation
Ray Orlando, Safety-Kleen Corporation
Greg Hoehn, SEACOR®

OAKLAND.L02
05/24/93
Job No. #70005-009-01



03 FEB 19 11 14 AM '93

February 1, 1993

Ms. Jennifer Eberle
Alameda County
Health Care Services Agency
UST Local Oversight Program
80 Swan Way
Room 200
Oakland, CA 94621

3279

RE: Safety-Kleen Corp.
404 market Street
Oakland, CA

Dear Ms. Eberle:

As per your correspondence of December 28, 1992, enclosed please find the summary table of product recovery volumes for the first two weeks of January 1993 for the above-referenced facility. The product recovered from MW-9 and the recovery well was placed in the waste mineral spirits UST, via the return and fill station, for transportation to the S-K recycle center in Reedley, CA.

At this time, the automated product recovery system is installed and operational (see January 29, 1993, correspondence).

S-K believes that the information requested by your agency has adequately been addressed. Please contact me at (310) 831-3903 should you have questions or concerns regarding the provided information.

Sincerely,

Anne Lunt
Sr. Project Manager-Remediation
Safety-Kleen Corp.

cc: Gary Long, Safety-Kleen
Mercy Parker, Safety-Kleen
Mike Wray, Groundwater Technology, Inc.
Greg Hoehn, Seacor



January 7, 1993

Ms. Jennifer Eberle
Alameda County
Health Care Services Agency
UST Local Oversight Program
80 Swan Way
Room 200
Oakland, CA 94621

RE: Safety-Kleen Corp.
404 Market Street
Oakland, CA

Dear Ms. Eberle:

Enclosed for your review is a summary table of the product recovery volumes collected in the month of December 1992, at the above-referenced facility. The product recovered from MW-9 and the recovery well was placed in the waste mineral spirits UST, via the return and fill station, for transportation to the S-K recycle center in Reedley, CA.

Per your letter, dated December 28, 1992, S-K anticipates submitting another product recovery summary report on January 29, 1993 (two weeks from the anticipated installation of the product recovery skimmer). Currently, the installation of the automated product recovery system is slated to begin on January 15, 1993. This installation date is based upon a vendor delivery date of January 13, 1993. Should the vendor not meet the delivery date Alameda County will be notified by January 15, 1993.

Additionally, your December 28, 1992 correspondence has requested the submittal of a Product Recovery System Installation Report. This report will be submitted two ^{weeks} after the installation and testing of the product recover system.

Alameda County will be notified should the Purus treatment system delivery date or the BAAQMD air permit issuance be delayed past the end of January.

S-K anticipates that the information requested in the December 28, 1992 correspondence has adequately been addressed. Please contact me at (310) 831-3903 should you have questions or concerns regarding the provided information.

Sincerely,

Anne Lunt
Sr. Project Manager-Remediation
Safety-Kleen Corp.



cc: Gary Long, S-K Remediation
Vicki Nass, 7-178-01
Mike Wray, GTI
Greg Hoehn, SEACOR

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 28, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

STID 3279

Safety-Kleen Corp.
PO Box 1429
San Pedro CA 90733-1429
Attn: Ann Lunt

RE: Safety Kleen facility
404 Market St.
Oakland CA 94607

Dear Ms. Lunt,

This letter serves to document our telephone conversation of today. You agreed to keep records regarding the dates and amounts of free product bailed, and you stated that such records have been kept since approximately 12/9/92. You agreed to submit an update on free product removal by 1/8/93, and another such update within 2 weeks from when the product skimmer system is installed.

You also agreed to submit an additional report documenting the product skimmer system installation. This system should be installed by the middle of January 1993, as per your letter to me dated 12/8/92 (signed by Greg Hoehn of SEACOR).

The 12/8/92 letter also states that the Purus self-regenerating vapor absorption treatment unit is due to arrive on 1/25/93. During our telephone conversation today, you indicated that the BAAQMD permit for the operation of this unit is also expected in late January.

If I do not hear from you otherwise, I assume that this letter accurately represents our mutual understanding regarding the remediation steps at this site. If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Greg Hoehn, SEACOR, 1390 Willow Pass Rd., Suite 360,
Concord CA 94520
Rich Hiett, RWQCB
~~Rich Hiett~~/File *ERH*

je

She'd now to ID potential Mrs'
(offsite + UIC) bec. She's had pbm' before,
ie RWQCB wrote ltr to - "pot. Mrs" +
said that S-K ID'd them.

type of FP?

They 3d measure FP thickness monthly
② record FP removed
how long has FP been bailed?

12-4-92 Im Ann Lunt
was FP bailed? frequency?
12-7 'deadline' for info.

12-9-92 ~~Seacor~~ SEACOR
Im Greg Hoehn
amt of FP removed? bailing records fm start?

12-10
GW Tech is doing the bailing.

12-16-92 Im A. Lunt
I want records of FP bailing

12-28-92 A. Lunt tel con
agrees to keep records of FP bailg. Has
been keeping records since I asked G. Hoehn
(12-9). Will get an ^{FP records} update by 1-8 (Fri.)
+ another w/in 2 wks fm date of product skimmer

11-6-92 In Ann Lunt
+ 11-12 re status of SVE ^{vapor} ssm + effluent
• treatment ssm (which? w/p?).

11-12-92 Puras or Padre system
→ to w/ Ann Lunt

"no reg. req' for a w/p. for treatment
ssm" except AQMD.

They can give us a summation of ssm.
end of Nov. AQMD permit - filled out
40 ppmv Cl HC in effluent

They did a vapor extr. pilot test.

GTI was consultant, but may pick a
new one.

* Will send by 12-7 a summation of SVE effluent
+ description of passive FP skimmer
takes AQMD 4-8 wks to approve permit

* been failing? - she has to v w/ PM + I call
me back

I asked for ~~bi~~ ^{Quarterly} SVE Progress Reports
incorporated in QA Mon. reports.

SVE project shd be award next wk. Wants
to award all phases of project to 1 consultant

10-20 found

9-15-92

Qly Mon. Report by GW Tech.
2.14' of FP in MW9 (7-9-92)
gw flows S.
ND m.s. in all other mws.

Tom sez.

we'll review + accept ~~p~~ wp w/comments.

11-6-92 Review of 6-15-90 "wp for soil-vents S_u"
Dennis' note to Paul (6-15-92) says that
in addition to the 2 spent product tanks
+ 1 product tank, a WASTE OIL tank
was also removed. From where? when?
data? (7-5-90). Oh. never mind.
→ is acceptable.

Review of "Update Report" June 90.

p. 21 shows that 1,1-DCE, 1,1-DCA, 1,2-DCA,
1,1,1-TCA, TCE, PCE, chlorobenzene +
chloroform are typically found in
spent m.s. at S-K.

p. 22 TCE is the highest [C] of all-VOCs.

p. 23 chlorobenzene may be originating from S-K.

p. 29 consistent S gradient (avg. .0041)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

July 21, 1992

George Minami
29640 Vanderbilt
Hayward, CA 94544

STID 3817

RE: Soil and Ground Water Contamination at 600 Shirley Ave.,
Hayward, California

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

SECOND NOTICE OF VIOLATION

Dear Mr. Minami,

On April 15, 1992, this office sent you a **Notice of Violation** requesting you to install a minimum of three ground water monitoring wells and to define the vertical and lateral extent of soil and ground water contamination at the above site. Prior to the first Notice of Violation letter, this office sent you two letters, one dated November 28, 1990, and the other dated May 10, 1991, requiring that you conduct these investigations. As of the date of this letter, however, we have not received any communication from you on this matter. Therefore, this letter constitutes a **Second Notice** that you are in violation of specific laws and that the technical report is due.

According to **Section 25298 of the California Health and Safety Code**, underground storage tank closure is incomplete until the responsible party characterizes and remediates the contamination resulting from product discharge. Therefore, you, as the responsible party, are in violation of this section of the Code, for which **Section 25299** specifies **civil penalties of up to \$ 5,000**, for each day of violation.

You are required to submit a **Preliminary Site Assessment (PSA)** work plan that outlines the manner in which subsurface contamination will be investigated and includes a timetable for completion. You must submit this work plan no later than **September 15, 1992**.

At a minimum, you must install three monitoring wells, constructed according to RWQCB guidelines, on site. For each former tank location, at least one well must be installed within 10 feet of the former tank in the confirmed downgradient direction. Wells must be sampled and chemically analyzed quarterly, for a minimum of one

found

3-18-92

Qty GW Mon. Report
gw flows SSW

1.53 ft. FP in MW-9

ND TPH-ms in MW1 to MW6, 8, 10 + 13 + 12.

10-20-92

Tel con w/Ann Lunt. 310-831-3903

They just sent a Sept. 92^l out.

FP is min. spir.

FP is 2.1' on 7-9-92

They dont want to pump + treat bec there's an
UG plume. They want to use a bailer, which
skims off FP. Passive product separation.

has a
diagram

min. spir. flows across permeable membrane.
Won't cause drawdown. ~~It's been~~ They have
will decide on consultant

They also want to start SVE + ~~are getting bids~~
effluent treatment system. Bill' has to get air permit.
When did Qly mon. begin?
early 90.

777 Big Timber Rd.
Elgin IL 60123
Attn: Nancy Steinberg

Safety-Kleen
PO 1429
San Pedro 90733-1429
Attn: Ann Lunt

Prop. owner

she also has

she'll send copies

"workplan for SVE system"
6-15-90
"Update Report - Additional
Assessment" 6-90

3279

9-11-90 "W.O. tank removal" report by GW Tech:
(App M in 9-90 report)

W.O. tank bottom:

14 + 93 ppm TPH } sampled 7-5-90
6 + 16 ppm Zn }

O+G not analyzed

(no PCBs in sample of W.O. tank contents)
ND CEHC

12-16-91 "Q1y GW Mon Report" by GW Tech.

13 mws!

SSW gw flow.

~2' Free Product in MW9

ND m.s. in MW1 to MW10.

TCE + chloroform found consistently
in UG wells (MW4 + MW10).

10-16-92 Case review

* get more recent reports

* has remediation ASM been turned on?

tel con w/M. Wray of GW Tech.

~~I also want to get RP info for Not. etc.~~

* what type of contam is the FP in MW9?

* FP must be remediated now!

DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL DIVISION
2151 BERKELEY WAY, ANNEX 9
BERKELEY, CA 94704
(415) 540-3734



September 7, 1990

Mr. Scott Fore, Vice President
Environment, Health & Safety
Safety-Kleen Corporation
777 Big Timber Lane
Elgin, IL 60123

Dear Mr. Fore:

**VISUAL SITE INSPECTION FOR SAFETY-KLEEN (OAKLAND) FACILITY, EPA
ID NO. CAD 053 044 053**

Pursuant to the authority of Section 3007 of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. 6927, the California Department of Health Services (DHS) will conduct a Visual Site Inspection of the Safety-Kleen facility at 404 Market Street in Oakland, CA as part of a RCRA Facility Assessment (RFA).

An RFA is required for facilities that manage hazardous waste to determine the potential nature and extent of releases of hazardous waste or hazardous constituents at such facilities which may require further investigation.

This analysis will provide information to establish priorities for a subsequent RCRA Facility Investigation or Corrective Measures Study and Implementation if needed.

An integral part of the RFA is a Visual Site Inspection (VSI) to verify and determine the location of all "Solid Waste Management Units" (SWMUs). The term SWMU includes "any unit at the facility from which hazardous constituents might migrate, irrespective of whether the units were intended for the management of solid and/or hazardous wastes" (50 FR 28702, July 15, 1985). This definition includes container storage units, tanks, surface impoundments, waste piles, land treatment units, landfills, incinerators, underground injection wells, physical, chemical and biological treatment units, recycling units, and areas contaminated by routine and systematic discharges from process areas.

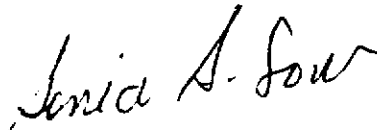
This inspection should enable DHS to attain a technical understanding of current and historical waste handling practices. Photographs of each SWMU are to be taken to document conditions of the facility and the waste management procedures.

Mr. Scott Fore
Page 2
September 7, 1990

DHS may require assistance by Safety-Kleen personnel in reviewing solid waste flows, associated units, past and present disposal practices, construction and details of units, and any other information on solid waste as needed. The Visual Site Inspection is scheduled to begin September 13, at 10:00 a.m.

If you have any questions, please feel free to contact Alfred Wong at (415) 540-3946.

Sincerely,



Sonia S. Low
Associate Hazardous Materials
Specialist
Region 2
Toxic Substances Control Program

Enclosures

cc: Karen Scheuermann (H-3-2)
United States Environmental Protection Agency
Region IX
1235 Mission Street
San Francisco, CA 94103

Steven Ritchie, Executive Officer
Regional Water Quality Control Board
San Francisco Bay Region
1800 Harrison, Suite 700
Oakland, CA 94607

✓ Rafat Shahid
Alameda County Environmental Health
80 Swan Way, Rm 200
Oakland, CA 94621

Jim Knous, Branch Manager
Safety-Kleen Corporation
404 Market Street
Oakland, CA 94607

RCRA FACILITY ASSESSMENT (RFA)
VISUAL SITE INSPECTION (VSI) AGENDA

FACILITY: Safety-Kleen Oakland facility
404 Market Street
Oakland, CA 9460

EPA ID NO: CAD 053 044 053

DATE OF INSPECTION: September 13, 1990

PERSONNEL: Alfred Wong, DHS
Guillermo, Montes, DHS

PURPOSE OF INSPECTION:

The Hazardous and Solid Waste Amendments of 1984 (HSWA) broaden the scope of EPA's authority under RCRA by requiring corrective action for releases of hazardous wastes and constituents at facilities that manage hazardous wastes. The RCRA Facility Assessment (RFA) is conducted to evaluate the potential for releases to the environment and the need for corrective action.

The RFA includes a desk-top preliminary review (PR) of the available file information, a visual site inspection (VSI) of the facility and, if necessary, a sampling visit.

The purpose of the VSI is to:

1. Survey the site for hydrologic, geologic, and surficial features.
2. Identify Solid Waste Management Units (SWMUs) and other areas of concern.
3. Review site information with facility representatives. Photographs will be taken of all SWMUs and other areas of concern.

INSPECTION ORGANIZATION

The inspection personnel will perform a one-day inspection tour. If needed, another day of inspection will be scheduled.

The team will inspect the process layout of production facilities, waste generation, treatment and storage facilities, including recycling units and pathways for release of wastes to soil, ground water, surface water and air.

An interview with facility staff will be performed to develop a better understanding of past waste disposal practices. The team will concentrate on developing a better understanding of the waste generation, treatment, and storage facilities. A review of site-specific data will be performed.

The overall goal of this inspection plan is to enable the team to trace waste streams from arrival through storage and treatment.

Preliminary information needs have been submitted as Attachment I to aid your personnel in preparing for the site visit.

ATTACHMENT I

Preliminary Information Needs for RCRA Facility Assessment

Information Needs Identified with Specific SWMUs

The following information is required for every SWMU:

- o Dates of operation
- o Operational status of the unit
- o Waste types, quantities, and frequency of disposal
- o Waste management and operational practices
- o Release controls associated with the unit
- o History of leaks, spills or other uncontrolled releases

DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL PROGRAM
2151 BERKELEY WAY, ANNEX 9
BERKELEY, CA 94704

(415) 540-3729

90 AUG -9 PM 11:41

August 8, 1990



CERTIFIED MAIL

Mr. Jim Knous
Branch Manager
Safety-Kleen Corporation
404 Market Street
Oakland, CA 94607

EPA ID NO. CAD 053044053

Dear Mr. Knous:

REPORT OF VIOLATION

On February 27, 1990, the Department of Health Services (Department) conducted an inspection of Safety-Kleen Corporation (S-K) in Oakland, California. As a result of that inspection, violations of hazardous waste statutes and regulations were found.

I. VIOLATIONS

1. California Health and Safety Code (H&SC), Section 25159.5(b); Title 40, Code of Federal Regulations (CFR), Part 265.194(b)(2):

S-K violated H&SC, Section 25159.5(b), and Title 40, CFR, Part 265.194(b)(2), in that on or about February 27, 1990, S-K failed to use overfill protection controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank) to prevent spills and overflows from underground hazardous waste tanks.

2. H&SC, Section 25159.5(b); Title 40, CFR, Part 265.195(a)(1-4); Title 22, California Code of Regulations (Cal. Code Regs.), Section 67259(a)(1-5):

S-K violated H&SC, Section 25159.5(b), Title 40, CFR, Part 265.195(a)(1-4), and Title 22, Cal. Code Regs., Section 67259(a)(1-5), in that on or about February 27, 1990 it was determined that on several dates in 1989 and 1990 S-K failed

to inspect, where present, the following equipment, at least once each day:

- a. overfill/spill control equipment to ensure that it is in good working order,
 - b. the above ground portions of the tank system to detect corrosion or release of waste,
 - c. data gathered from monitoring equipment and leak detection equipment to ensure that the tank system is being operated according to its design,
 - d. the construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures to detect erosion or signs of releases of hazardous waste.
3. H&SC, Section 25198(a):
- S-K violated H&SC, Section 25198(a), in that on or about February 27, 1990, it was determined that S-K does not use a California Certified Hazardous Waste Laboratory to analyze the hazardous waste at the facility.
4. H&SC, Section 25200.5(b)(1); Interim Status Document (ISD), Section I(4)(a):
- S-K violated H&SC, Section 25200.5(b)(1), and ISD, Section I(4)(a), in that on or about March 8, 1990 S-K stored for greater than 90 days a hazardous waste (monitoring well purge water) which is not specified in Part A of the permit application.
5. H&SC, Section 25200.5(b)(3):
- S-K violated H&SC, Section 25200.5(b)(3), in that on or about March 6, 1989 to May 12, 1989, and on or about December 7, 1989, S-K exceeded the design capacity specified in Part A of the permit application for the container storage area.
6. Title 22, Cal. Code Regs., Section 66508(c)(2):
- S-K violated Title 22, Cal. Code Regs., Section 66508(c)(2), in that on or about February 27, 1990, S-K failed to maintain, on all nonstationary containers in which hazardous wastes are stored, labels which included a statement or statements which call attention to the particular hazardous properties of the waste.

7. Title 22, Cal. Code Regs., Section 67002(a); ISD, Section VI(1)(a):

S-K violated Title 22, Cal. Code Regs. Section 67002(a), and ISD, Section VI(1)(a), in that on or about February 27, 1990, S-K failed to prepare and submit to the Department a written estimate of the cost of closing the facility that equaled the cost of closure at the point in the facility's operating life when the extent and manner of its operation would make closure the most expensive, as indicated by its closure plan.

8. Title 22, Cal. Code Regs., Section 67104(b)(1); ISD, Section III(5)(b)(1):

S-K violated Title 22, Cal. Code Regs., Section 67104(b)(1), and ISD, Section III(5)(b)(1), in that on or about February 27, 1990, S-K failed to follow a written schedule for inspecting various equipment and devices that are important to preventing, detecting or responding to environmental or human health hazards.

9. Title 22, Cal. Code Regs., Section 67104(c); ISD, Section III(5)(c):

S-K violated Title 22, Cal. Code Regs., Section 67104(c), and ISD, Section III(5)(c), in that on or about February 27, 1990, S-K failed to remedy any deterioration or malfunction of equipment or structures which the inspection reveals on a schedule which ensures that the problem does not lead to an environmental or human health hazard.

10. Title 22, Cal. Code Regs., Section 67104(d); ISD, Sections III(5)(d) and IV(1)(b)(5):

S-K violated Title 22, Cal. Code Regs., Section 67104(d), and ISD, Sections III(5)(d) and IV(1)(b)(5), in that on or about February 27, 1990, S-K failed to record inspections in an inspection log or summary, and failed to keep these records for at least three years from the date of inspection.

11. Title 22, Cal. Code Regs., Section 67106(a); ISD, Section III(7)(a):

S-K violated Title 22, Cal. Code Regs., Section 67106(a), and ISD, Section III(7)(a), in that on or about

February 27, 1990, S-K failed to take precautions to prevent accidental ignition of ignitable waste. While ignitable waste is being handled, the owner or operator did not confine smoking to specially designated locations. "No Smoking" signs were not conspicuously placed wherever there was a hazard from ignitable waste.

12. Title 22, Cal. Code Regs., Section 67121(b); ISD, Section II(5):

S-K violated Title 22, Cal. Code Regs., Section 67121(b), and ISD, Section II(5), in that on or about February 27, 1990, S-K was not equipped with a device, such as a telephone (immediately at the scene of operations) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments or state or local emergency response teams.

13. Title 22, Cal. Code Regs., Section 67122; ISD, Section III(9):

S-K violated Title 22, Cal. Code Regs., Section 67122, and ISD, Section III(9), in that on or about February 27, 1990, S-K failed to test and maintain all facility communications or alarm systems, fire protection equipment, spill control equipment and decontamination equipment, where required, to assure its proper operation in time of emergency.

14. Title 22, Cal. Code Regs., Section 67124; ISD, Section III(10):

S-K violated Title 22, Cal. Code Regs., Section 67124, and ISD, Section III(10), in that on or about February 27, 1990, S-K failed to maintain aisle space in the container storage area to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment and decontamination equipment to any area of facility operation in an emergency.

15. Title 22, Cal. Code Regs., Section 67141(e); ISD, Section III(13)(e):

S-K violated Title 22, Cal. Code Regs., Section 67141(e), and ISD, Section III(13)(e), in that on or about February 27, 1990, S-K's contingency plan failed to include a list of all emergency equipment at the facility, including the location of each item on the list.

16. Title 22, Cal. Code Regs., Section 67143(d)&(f); ISD, Section III(15)(d):

S-K violated Title 22, Cal. Code Regs., Section 67143(d) &(f), and ISD, Section III(15)(d), in that on or about February 27, 1990, S-K failed to immediately amend its contingency plan when the list of emergency equipment changed, or when the facility changed its design, construction, operation, maintenance or other circumstances in a way that changed the response necessary in an emergency.

17. Title 22, Cal. Code Regs., Section 67243(a); ISD, Section VII(3)(a):

S-K violated Title 22, Cal. Code Regs., Section 67243(a), and ISD, Section VII(3)(a), in that on or about February 27, 1990, S-K failed to ensure that containers holding hazardous waste (the wet dumpsters) shall always be closed during storage, except when it is necessary to add or remove waste.

18. Title 22, Cal. Code Regs., Section 67246; ISD, Section VII(5):

S-K violated Title 22, Cal. Code Regs., Section 67246, and ISD, Section VII(5), in that on or about February 27, 1990, S-K stored containers of ignitable wastes less than 15 meters (50 feet) from the facility's property line.

19. Title 22, Cal. Code Regs., Section 67164(a); ISD, Section IV(2)(a):

S-K violated Title 22, Cal. Code Regs., Section 67164(a), and ISD, Section IV(2)(a), in that on or about February 27, 1990, S-K failed to furnish upon request and make available for review all records, including plans, required under Article 21 of Title 22, California Code of Regulations.

20. H&SC, Section 25159.5(b); Title 40, CFR, Part 265.112(b) (2-6); Cal. Code Regs., Section 67212(b)(1)(B), (2), (4); ISD, Section V(2)(a)(1&2):

S-K violated H&SC, Section 25159.5(b), Title 40, CFR, Part 265.112(b)(2-6), Cal. Code Regs., Section 67212(b)(1)(B), (2), (4), and ISD, Section V(2)(a)(1&2), in that on or about February 27, 1990, S-K failed to fully identify steps necessary to perform partial and/or final closure of the facility at any point during its active life.

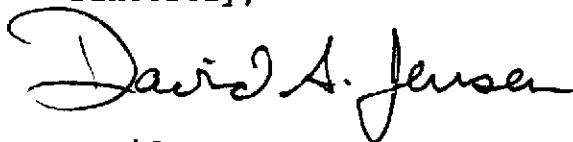
Mr. Jim Knous
Page 6
August 8, 1990

Upon receipt of this letter, S-K must correct all deficiencies noted in this Report of Violation and submit to the Department written documentation and photographs demonstrating that all violations have been corrected.

The Department may schedule a reinspection of S-K to verify compliance. The issuance of this Report of Violation does not preclude the Department from taking administrative, civil, or criminal action as a result of the violations noted herein.

If you have any questions regarding this Report, please contact David Jensen at (415) 540-3868.

Sincerely,



David A. Jensen
Hazardous Materials Specialist
Region 2
Toxic Substances Control Program



Denise Tsuji
Senior Hazardous Materials
Specialist
Region 2
Toxic Substances Control Program

Cert. Mail No. P-567 689 512

cc: See next page

Mr. Jim Knous
Page 7
August 8, 1990

cc: Lily Wong
U.S. EPA, Region IX
Mail Code H-4-1
1235 Mission Street
San Francisco, CA 94103

Rubia Bertram
Financial Responsibility Unit
Toxic Substances Control Program
714/744 P Street
P.O. Box 942732
Sacramento, CA 94234-7320

Mary Locke
Office of Law Enforcement
Toxic Substances Control Program
714/744 P Street
P.O. Box 942732
Sacramento, CA 94234-7320

Larry Matz
Surveillance & Enforcement Unit
Toxic Substances Control Program
714/744 P Street
P.O. Box 942732
Sacramento, CA 94234-7320

William Soo Hoo
Toxics Legal Office
Toxic Substances Control Program
714/744 P Street
P.O. Box 942732
Sacramento, CA 94234-7320

Ed Howell
Alameda County Department of Health Services
80 Swan Way, Room 200
Oakland, CA 94621

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Safety Klean Today's Date 7/5/90
 Site Address 409 Market St EPA ID# _____
 City Oakland Zip 94607 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

IA GENERATOR (Title 22)

- | | | |
|----------------------------------|---------------------------------|---------|
| ___ | 1. Waste ID | * 66471 |
| ___ | 2. EPA ID | 66472 |
| ___ | 3. > 90 days | 66508 |
| ___ | 4. Label dates | 66508 |
| ___ | 5. Biennial | 66493 |
| <hr/> | | |
| Manifest | ___ 6. Records | 66492 |
| | ___ 7. Correct | 66484 |
| | ___ 8. Copy sent | 66492 |
| | ___ 9. Exception | 66484 |
| | ___ 10. Copies Rec'd | 66492 |
| <hr/> | | |
| Misc. | ___ 11. Treatment | 66371 |
| | ___ 12. On-site Disp. (H.S.&C.) | 26189.5 |
| | ___ 13. Ex Haz. Waste | 66570 |
| <hr/> | | |
| Prevention | ___ 14. Communications | 67121 |
| | ___ 15. Aisle Space | 67124 |
| | ___ 16. Local Authority | 67126 |
| | ___ 17. Maintenance | 67120 |
| | ___ 18. Training | 67105 |
| <hr/> | | |
| Contn. Agency | ___ 19. Prepared | 67140 |
| | ___ 20. Name List | 67141 |
| | ___ 21. Copies | 67141 |
| | ___ 22. Emg. Coord. Trng. | 67144 |
| <hr/> | | |
| Containers, Tanks | ___ 23. Condition | 67241 |
| | ___ 24. Compatibility | 67242 |
| | ___ 25. Maintenance | 67243 |
| | ___ 26. Inspection | 67244 |
| | ___ 27. Buffer Zone | 67246 |
| | ___ 28. Tank Inspection | 67259 |
| | ___ 29. Containment | 67245 |
| | ___ 30. Safe Storage | 67261 |
| | ___ 31. Freeboard | 67257 |
| <hr/> | | |
| IB TRANSPORTER (Title 22) | | |
| | ___ 32. Applic./Insurance | 66428 |
| | ___ 33. Comp. Cert./CHP Insp. | 66448 |
| | ___ 34. Containers | 66465 |
| <hr/> | | |
| Manifest | ___ 35. Vehicles | 66465 |
| | ___ 36. EPA ID #s | 66531 |
| | ___ 37. Correct | 66541 |
| | ___ 38. HW Delivery | 66543 |
| | ___ 39. Records | 66544 |
| <hr/> | | |
| Cont'n's | ___ 40. Name/ Covers | 66545 |
| | ___ 41. Recyclables | 66800 |

Comments:

Observed removal of 1 STO waste oil tank

No obvious holes in tank. Upper quadrant of tank peeled back so that sludge could be removed.

2 soil samples collected from either end of excavation.

Mudashi at DOHS overseeing for state

TCE in groundwater reported detected on northern perimeter of property

Groundwater gradient reported to be south-southeast.

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: [Signature]

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name safety Klean Today's Date 6/8/90
 Site Address 404 Market Street EPA ID# _____
 City Oakland Zip 94607 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

LA GENERATOR (Title 22)

- | | | |
|-------------------|-----------------------------|---------|
| Manifest | 1. Waste ID | 66471 |
| | 2. EPA ID | 66472 |
| | 3. > 90 days | 66508 |
| | 4. Label dates | 66508 |
| | 5. Biennial | 66493 |
| Manifest | 6. Records | 66492 |
| | 7. Correct | 66484 |
| | 8. Copy sent | 66492 |
| | 9. Exception | 66484 |
| | 10. Copies Rec'd | 66492 |
| Misc. | 11. Treatment | 66371 |
| | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| | 13. Ex Haz. Waste | 66570 |
| Prevention | 14. Communications | 67121 |
| | 15. Aisle Space | 67124 |
| | 16. Local Authority | 67126 |
| | 17. Maintenance | 67120 |
| | 18. Training | 67105 |
| Cont'n. Agency | 19. Prepared | 67140 |
| | 20. Name List | 67141 |
| | 21. Copies | 67141 |
| | 22. Emg. Coord. Tmg. | 67144 |
| Containers, Tanks | 23. Condition | 67241 |
| | 24. Compatibility | 67242 |
| | 25. Maintenance | 67243 |
| | 26. Inspection | 67244 |
| | 27. Buffer Zone | 67246 |
| | 28. Tank Inspection | 67259 |
| | 29. Containment | 67245 |
| | 30. Safe Storage | 67261 |
| | 31. Freeboard | 67257 |

Comments:

Observed removal of 1 10,000 gallon mineral spirits tank.

No obvious holes in the tanks, obvious floating product in water within excavation.

Extensive remediation being overseen by D045

2 soil samples collected from either end of tank pit at a depth of \approx 10 feet.

Transporter Universal Engineering Buena (707) 746-6699

Manifest # 90133403 shipping to H+H ship

Transporter Universal Engineering

I.B TRANSPORTER (Title 22)

- | | | |
|----------|---------------------------|-------|
| Manifest | 32. Applic./Insurance | 66428 |
| | 33. Comp. Cert./CHP Insp. | 66448 |
| | 34. Containers | 66465 |
| Manifest | 35. Vehicles | 66465 |
| | 36. EPA ID #s | 66531 |
| | 37. Correct | 66541 |
| | 38. HW Delivery | 66543 |
| | 39. Records | 66544 |
| Cont'n | 40. Name/ Covers | 66545 |
| | 41. Recyclables | 66800 |

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: SB

6-7-90 2 waste min. spir. USTs removed
(6,000 gal each)

6-8-90 clean min. spir UST rem. (10,000 gal)

Sept. 90 → "Report of UST Replacmt Act." by CW Tech.
found up to 30,000 ppm TPH-min. spir.
also all HCs:
up to 8.4 ppm PCE
17.0 " 111 TCA
78 " TCE
etc.

twas one big tank pit after UST removal.

7-5-90 w.o. tank removed

4 USTs removed.

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

ACCEPTED
 1/23/80
 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 proposer herein is now released from the area of any required building permits for construction. One copy of these accepted plans must be on file and available to all contractors and engineers 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 State and local regulations.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Safety-Kleen Corporation
 Business Owner Safety-Kleen Corporation

2. Site Address 404 Market Street
 City Oakland, CA Zip 94607 Phone (415)832-7942

3. Mailing Address 2750 Thompson Creek Road
 City Pomona, CA Zip 91767 Phone (714)593-3985

4. Land Owner Bedford Properties
 Address 3470 Mt. Diablo Blvd City, State Lafayette, CA zip 94549

5. EPA I.D. No. CAD 053044 053

6. Contractor Groundwater Technology, Inc.
 Address 4080-D Pike Lane
 City Concord, CA 94520 Phone (415)671-2387

Subcontractor: License Type A ID# 527659

7. Other (Specify) Universal Engineering, Inc.
 Address 610 Industrial Way
 City Benicia, CA 94510 Phone (707) 746-6699

8. Contact Person for Investigation

Name Lisa Swanson Title Project Engineer
Phone (415)671-2387

9. Total No. of Tanks at facility 3 ²

10. Have permit applications for all tanks been submitted to this office? Yes [] No [X] 2 are hazardous waste tanks

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Safety-Kleen Corp EPA I.D. No. CAD 053044053
Address 404 Market Street
City Oakland State CA Zip 94607

b) Rinsate Transporter

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

c) Tank Transporter

Name H & H Ship Service Co. EPA I.D. No. CAD 004771168
Address 220 China Basin
City San Francisco State CA Zip 94107

d) Contaminated Soil Transporter

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

12. Sample Collector

Name _____
Company Groundwater Technology, Inc.
Address 4080-D Pike Lane
City Concord State CA Zip 94520 Phone (415)671-2387

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
6,000 gal	Spent mineral spirits		
6,000 gal	Spent mineral spirits		
10,000 gal	Clean mineral spirits		
550 gal	waste oil		

14. Have tanks or pipes leaked in the past? Yes No
 If yes, describe. Piping was found to be leaking and repaired in May, 1988.

15. NFPA methods used for rendering tank inert? Yes No
 If yes, describe. 15 pounds dry ice per 1,000 gallon of tank capacity

16. Laboratories
 Name GTEL Environmental Laboratories, Inc
 Address 4080-C Pike Lane
 City Concord State CA Zip 94520
 State Certification No. 194

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Total Petroleum	5030	8015
Hydrocarbons - as-mineral spirits		
Purgeable Halocarbons <i>B T X + E</i>	5030	8010 <i>8020 or 8240</i>

18. Site Safety Plan submitted? Yes No See Hazardous Waste Closure Plan

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer Coroon & Black of Massachusetts, Inc.

20. Plot Plan submitted? Yes No See Hazardous Waste Closure Plan

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

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) Lisa M. Swanson

Signature Lisa M. Swanson

Date 11/2/89

Signature of Site Owner or Operator

Name (please type) Robert Wachsmuth

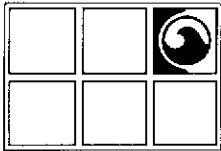
Signature Robert P. Wachsmuth

Date 10-30-89

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.

11-3-89
~~E.H.~~
DB



**GROUNDWATER
TECHNOLOGY, INC.**

4080-D Pike Lane, Concord, CA 94520

(415) 671-2387

November 2, 1989

Job No. 203 680 5016.02

Mr. Rafat Shahid
Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Re: Underground Tank Removal and Replacement
404 Market Street, Oakland, CA 94607

Dear Mr. Shahid:

Safety-Kleen Corporation is planning to remove three underground storage tanks (USTs) from their facility located at 404 Market Street in Oakland and replace them with new double-walled USTs. Two of these USTs contain spent mineral spirits and are regulated as hazardous waste tanks by the California Department of Health Services (DHS) and U.S. Environmental Protection Agency (EPA). Section 2611 of Title 23, California Code of Regulations (CCR), exempts USTs containing hazardous wastes from the Subchapter 16, Title 23, CCR regulations. The third tank contains clean mineral spirits and is permitted by your agency.

A Hazardous Waste Closure Plan for the USTs was submitted to DHS and EPA in April, 1989. A copy of this closure plan is enclosed for your information. The DHS has not completed their review of the closure plan, but has authorized Safety-Kleen to proceed with the removal and replacement of the USTs (see enclosed letter dated October 13, 1989).

Mr. Rafat Shahid
November 2, 1989
Page 2

Groundwater Technology, Inc. (GTI) has been retained by Safety-Kleen to provide consulting services for their Oakland facility. GTI will be assisted by Universal Engineering, Inc. for the physical UST removal and replacement. Previous investigations at the site have determined that piping related to the UST systems has leaked, and the extent of soil and groundwater contamination has been defined. Because the soil and groundwater around the tank area has already been sampled and analyzed, GTI does not plan to resample during UST removal activities. Remediation systems for soil and groundwater contamination will be installed after the USTs are removed and replaced.

Enclosed for your review and approval is a completed Underground Tank Closure/Modification Plan for this site. Safety-Kleen and GTI are planning to proceed with this project in January 1990; therefore, we would appreciate your approval as soon as possible.

If you have any questions or comments, please call me at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Lisa M. Swanson

Lisa M. Swanson
Project Engineer

Encls

LMS:smm

cc: Bob Wachsmuth, Safety-Kleen Corporation

L501602L.LS



GROUNDWATER
TECHNOLOGY, INC.

DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL PROGRAM
2151 BERKELEY WAY, ANNEX 7
BERKELEY, CA 94704



October 13, 1989

Mr. Robert Wachsmuth
Environmental Engineer
Saftey-Kleen Corporation
2750 Thompson Creek Road
Pamona, CA 91767

Dear Mr. Wachsmuth:

REPLACEMENT OF TWO UNDERGROUND STORAGE TANKS, EACH WITH A CAPACITY OF 12,000 GALLONS AT 404 MARKET STREET IN OAKLAND, CA

We are in receipt of your revised cost comparison of replacing two underground storage tanks containing new and spent mineral spirits to the cost of replacing the entire facility.

Section 66389, Article 4 of Title 22, CCR states that, "In no event shall changes be made to a hazardous waste facility. Reconstruction occurs when the capital investment in the changes to the facility exceeds 50 percent of the capital cost of a comparable entirely new hazardous waste facility." Since the costs involved in replacement for your facility are less than 50% of the costs of a new facility, you may proceed with the replacement providing all other applicable regulations regarding the handling of hazardous wastes and the replacement of the tanks are followed.

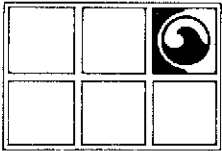
Sincerely,

A handwritten signature in cursive script that reads "Salvatore Ciriello".

Salvatore Ciriello
Senior Waste Management Engineer
Region 2
Toxic Substances Control Program

cc: Tom Canady, U.S. EPA, Region IX
Lisa Mc Cann, S.F. Bay, RWQCB
Lisa Swanson, Groundwater Technology
Storm Goranson, Alameda County Environmental Health
Denise Tsuji, Region 2, SEU

MK:re-21



**GROUNDWATER
TECHNOLOGY, INC.**

4080-D Pike Lane, Concord, CA 94520

(415) 671-2387

August 15, 1988

Job No. 203 680 5016.01

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

Dear Mr. Miller,

As per our telephone conversation on August 15, 1988, please find enclosed the proposed work plan for the Safety-Kleen site located at 404 Market Street in Oakland, California. The information contained in this document outlines the general work scope and briefly discusses most issues covered in the July 8, 1988 letter from Rafat Shahid.

If you have any questions or require additional information, please contact me at our Concord office.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

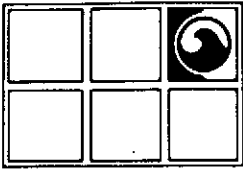
Steven A. Fiscbein
Industrial Group Manager/
Hydrogeologist

SAF:lbn

Enclosure

L501601B.SF

RECEIVED
AUG 16 1988
HAZARDOUS MATERIALS/
WASTE PROGRAM



**GROUNDWATER
TECHNOLOGY, INC.**

4080 Pike Lane, Suite D, Concord, CA 94520 (415) 671-2387

Fax: (415) 685-9148

July 12, 1988

Job No. 203 680 5016.01

Mr. Richard Wheeler
Department of Health Services
Toxic Substances Control Division
North Coast California Section
2151 Berkeley Way, Annex 7
Berkeley, CA 94704

Dear Mr. Wheeler,

Please find enclosed a chronological update regarding the ongoing assessment work being conducted by Groundwater Technology, Inc. (GTI) at the Safety-Kleen facility located at 404 Market St. in Oakland, California.

In brief, the work conducted to date consisted of a soil-gas survey, and underground tank and piping testing. If all the tanks and associated piping test tight, GTI anticipates that a drilling and interim product recovery program will commence as quickly as possible.

If you have any questions, please contact me or Greg Hoehn at our Concord office (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.


Steven A. Fischbein
Industrial Group Manager/
Hydrogeologist

RECEIVED
JUL 14 1988
Steven
HAZARDOUS MATERIALS/
WASTE PROGRAM

cc: Mr. Lester Feldman, Regional Water Quality Control Board
Mr. Storm Goranson, ACDEH, Hazmat
Mr. Robert Wachsmuth, Safety-Kleen Corp.
Mr. Dave Alden, Orrich, Harrington and Sutcliffe

R501601A.SF

SAFETY-KLEEN
404 MARKET STREET, OAKLAND
CHRONOLOGICAL ASSESSMENT UPDATE

- 6/14/88 Began soil-gas survey, discovered product in existing two wells on site. Determined product thickness to be approximately 6-feet. Discovered approximately 100 gallons of product in dirty-tank manway-access that discharges directly into tank backfill. Had product pumped off into drums. Notified Safety-Kleen of problem and received permission to alert regulatory agencies. Notified Regional Water Quality Control Board (RWQCB) of problem (Lester Feldman) and Alameda County Environmental Health (Dennis Byrne).
- 6/15/88 Continued soil-gas survey, encountered problems with vapor sampling due to sediment type present beneath site and the volume of product present. Scheduled GTI Tank Testing Division to be on site 6/16/88. Trying new approach for sampling on 6/16/88 with soil-gas rig. Attempted to extract water samples from soil-gas probe holes on 6/16/88. Talked to Lester Feldman at RWQCB to inform him of what was transpiring at site.
- 6/16/88 GTI Tank Testing personnel arrived on site and the ascertained tank locations and best procedure to test tanks. Scheduled tank fill so tank testing could begin.

Water sampling from soil-gas probe holes proved ineffective due to sediment type. Flowing sands into probe holes were not conducive to ideal sampling conditions. Attempted to extract soil samples from probe holes on 6/17/88. Alameda County Environmental Health Hazardous Materials Section to send Underground Storage Tank Unauthorized Release Report forms by this day.



GROUNDWATER
TECHNOLOGY, INC.

SAFETY-KLEEN OAKLAND
PAGE 2

6/17/88 Soil samples from soil-gas probe holes collected successfully. Samples collected from most peripheral probe holes to be sent to GT Environmental Laboratories in Concord, California for analyses for benzene, toluene, xylene (BTX), total petroleum hydrocarbons (TPH) as mineral spirits, and 8010 compounds. This was done to ascertain areal extent of subsurface contamination.

Tank testing on dirty solvent tank closest to building started. Transferred 1000 gallons of product to top off tank to begin test. Test resulted in discovery of product leak around manway and electrical conduit.

6/20/88 Pre-test repairs conducted on both dirty tanks. Conduit entering manway removed and manways removed for repairs. Manways repaired and replaced with new 1/4-inch nitrile gaskets.

6/21/88 Tested 10,000 gallon recycled solvent holding tank. Tank failed test. Thought to be a piping leak. Scheduled equipment to excavate piping.

6/22/88 Dirty solvent tank No.1 (closest to Safety-Kleen building) tested tight. Set up dirty tank No.2 for test on 6/23/88.

6/23/88 Tested dirty solvent tank No.2. Tank tested tight. Proceeded with scheduling of heavy equipment to begin excavation of clean tank piping. Received unauthorized release forms from Alameda County, filled out and sent to Safety-Kleen to sign and send in.



- 6/27/88 Obtained all necessary equipment for excavation. Proceeded with excavation of piping at north end of clean solvent tank. Exposed vent and vacuum lines entering tank. Checked all fittings and tightened as needed. Set up tank for testing on 6/28/88.
- 6/28/88 Tested clean solvent tank and underground piping. Tank and piping failed. Noticed at this time the manway access to dirty tanks were full of product. Removed approximately 100 gallons of product from access area and had Safety-Kleen report the incident.
- Decided to excavate the top of clean tank to explore for leaking manway or bungs. Arranged to retain equipment for extra days. Excavation to begin on 6/29/88.
- 6/29/88 Excavated one half of the top of the clean tank to find manway or bungs. No access ports discovered along north half of tank top.
- Proceeded with south end of tank excavation on 6/30/88.
- 6/30/88 Excavated south end of tank top. Only access was located at end of tank at riser-fill pipe.
- 7/1/88 Removed riser pipe and pressure tested. Riser pipe failed. Proceeded to get new riser fill pipe and to isolate vent and vacuum lines for separate testing on 7/5/88.



7/5/88 Pressure tested vent and vacuum lines. Vacuum line passed, vent line failed due to large leak (approximately 5 gallons per hour (gph)). Proceeded to excavate vent line to find leak and repair.

Exposed vent line and found leak. Previous installation of monitoring well by CWC-HDR resulted in vent line leak. Vent line had 1-1/2-inch saw cut in it from the installation of Christy box around well head. Line to be repaired on 7/6/88.

7/6/88 Vent-line repair completed. Test on vent line to be conducted 7/13/88.

7/7/88 Vent line test conducted. Vent line tested tight. All underground piping now reconnected to tank for final tank test. Final tank test to be conducted 7/13/88.

R501601A.SF



**GROUNDWATER
TECHNOLOGY, INC.**

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



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

Telephone Number: (415) 271-4320

July 8, 1988

Mr. Robert Wachsmuth
Safety Kleen Corporation
2750 Thompson Creek Rd.
Pomona, CA 91767

SUBJECT: UNDERGROUND TANK LEAK AT 404 MARKET ST., OAKLAND 94607

Dear Mr. Wachsmuth:

We have received the report of underground storage tank unauthorized release (leak)/contamination site report from the subject facility.

You will need to obtain professional services from a reputable engineering/consulting firm.

The responsibility of your consultant will be to establish the extent of contamination and provide professional judgment/recommendations, based on scientific data of the necessary remedial actions needed. A plan and time schedule for investigation should be submitted to the agency within 30 days.

The following is a summary of the steps your consultant should take to evaluate the problem.

1. Preliminary Assessment
 - site history
 - results of initial work done
 - proposal for the delineation of the site's contamination
2. Site Investigation
 - site geology and hydrogeology
 - definition of lateral & vertical extent of contamination, including soil and groundwater
 - evaluation of mitigation alternatives

Safety Kleen Corporation
2750 Thompson Creek Rd.
Pomona, CA 91767
July 8, 1988
Page 2 of 2

3. Final Remedial Plan

- plans for the removal of soil contaminants and recovery of fuel product & removal of dissolved constituents from the groundwater
- details & time frame for implementing the various remedial phases

Should you have any questions regarding your responsibilities in this matter, please contact Storm Goranson, Hazardous Materials Specialist at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

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

EMERGENCY <input checked="" type="checkbox"/> YES <input 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 06/16/88		CASE #		SIGNED: <i>[Signature]</i> DATE: 7/7/88		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Robert Wachsmuth		PHONE (714) 596-1856		SIGNATURE Robert P. Wachsmuth	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		<input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD		COMPANY OR AGENCY NAME Sattay-Kleen Corporation	
	ADDRESS 2750 Thompson Creek Rd Fremont Ca 91767					
RESPONSIBLE PARTY	NAME Sattay-Kleen Corporation		CONTACT PERSON Robert Wachsmuth		PHONE (714) 596-1856	
	ADDRESS 2750 Thompson Creek Rd Fremont Ca 91767					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Sattay-Kleen Oakland Branch		OPERATOR Sattay-Kleen Corp.		PHONE (415) 832-7942	
	ADDRESS 404 Market Street Oakland Alameda 94607					
	CROSS STREET 4th Street		TYPE OF AREA <input type="checkbox"/> COMMERCIAL <input checked="" 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 type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER (Chain, Servs)	
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda Co. Environmental Health (H&M)		AGENCY NAME		CONTACT PERSON Lester Felman	
	REGIONAL BOARD Regional Water Quality Control Board		CONTACT PERSON Lester Felman		PHONE (415) 464-1255	
SUBSTANCES INVOLVED	(1) NAME Mineral Spirits and mixed Chlorinated Hydrocarbons (10%)				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2) <input type="checkbox"/> UNKNOWN					
DISCOVERY/ABATEMENT	DATE DISCOVERED 06/14/88		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> INVENTORY CONTROL <input checked="" type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN <input type="checkbox"/> M <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> D <input type="checkbox"/> Y <input type="checkbox"/> Y <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, DATE					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		TANKS ONLY/CAPACITY 2/1000 / 1/10,000 GAL. AGE 15+ YRS <input type="checkbox"/> UNKNOWN		MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER	
	CAUSE(S)					
CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input 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 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	Remedial Action to be taken once extent of problem and correction of leak defined. Initial work will probably consist of removal of product and treatment of water.					

5-30,000 gal CONSULTANT GeoTech Inc.



File UG TANKS

April 22, 1987
RPW 87-227

RECEIVED
APR 22 1987

Mr. Ted Gerow
Alameda County Division of Environmental Health
470 27th Street
Room 324
Oakland, CA 94613

ENVIRONMENTAL HEALTH
ADMINISTRATION

Subject: Underground Storage Tank Subsurface
Investigation at the Safety-Kleen Facility
404 Market Street, Oakland, CA

Dear Mr. Gerow:

We submitted a report on the subsurface investigation and leak monitoring installation for the above referenced facility on Dec. 19, 1986. As of this date we have not received a response from your Department, DOHS or RWQCB.

Enclosed please find tank testing results from January 1987. The tanks tested tight. The manways on the tanks were repaired (gaskets replaced) before testing. This is believed to be the source of the problem.

We will be going out for bids to contractors who will submit an investigation and remedial plan and do the field work for this location. The plan and remedial work will be completed in the next six months.

If you have any further questions please contact me at extension 2243.

Sincerely,

Robert P. Wachsmuth
Environmental Engineer

RPW/dfs

cc: DOHS-Northern
RWQCB-Oakland

HUNTER

ENVIRONMENTAL SERVICES, INC.

115 DEWALT AVENUE, N.W.
SUITE 400
CANTON, OH 44702
216-453-1800 800-523-4370

FINAL REPORT

leak lokator LD 2000

TEST RESULTS

DATE OF TEST
January 21, 1987
CONTRACT NUMBER

CUSTOMER SAFETY - CLEEN										
LOCATION - IDENTIFICATION NUMBER					NAME					
ADDRESS 404 MARKET STREET					CITY OAKLAND			STATE CALIFORNIA		
TEST RESULTS SUMMARY									LEAK LOKATOR USE ONLY	
NO.	SYSTEM PRODUCT	TANK SIZE		WATER INCHES	LEAK LOKATOR RESULTS*			CONCL. CODE		
		GALLONS	DIA/MATL		LEVEL INCHES	ALR GPH	CONCLUSION	RECOMMENDATIONS	TEST	TANK
1	CLEAN MINERAL SPIRITS	10000	75 ST	0	127	+0.23	TIGHT		1	
2	DIRTY MINERAL SPIRITS #1	6000	75 ST	0	111	+0.18	TIGHT		1	
3	DIRTY MINERAL SPIRITS #2	6000	75 ST	0	116	-0.12	TIGHT		1	
OTHER INFORMATION										

PRODUCT LINES - HYDROSTATIC PRESSURE TEST RESULTS

NO.	SYSTEM PRODUCT	TYPE OF PUMP		# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION/ RESULT
		REMOTE	SUCTION					
1,2,3	MINERAL SPIRITS		GRAVITY					

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME		LEAK RATE		TEMPERATURE COMPENSATION		ABSOLUTE LEAK RATE		CHECK TEST Y OR N
				CLOCK START	DURATION HRS. MIN.	CC/DIV	CC/MIN	Δ °F	CC/MIN	CC/MIN	GPH	
1	CLEAN MINERAL SPIRITS	1	127	0930	26 min 5	1.411	-3.880	-0.16	-5.221	+1.441	+0.23	11
2	DIRTY MINERAL SPIRITS #1	1	111	1005	22 min 5	3.125	+4.063	+0.15	+2.944	+1.119	+0.18	11
3	DIRTY MINERAL SPIRITS #2	1	116	1045	23 min 5	3.311	+4.52	+0.06	+1.197	-0.745	-0.12	11

* LEVEL - INCHES FROM TANK BOTTOM TO TEST LEVEL

ALR - ABSOLUTE LEAK RATE (MEASURED LEAK RATE - TEMPERATURE COMPENSATION) IN GALLONS PER HOUR

CONCLUSION - NFPA 329 CRITERION OF ± 0.05 GPH IS USED TO CERTIFY TIGHTNESS

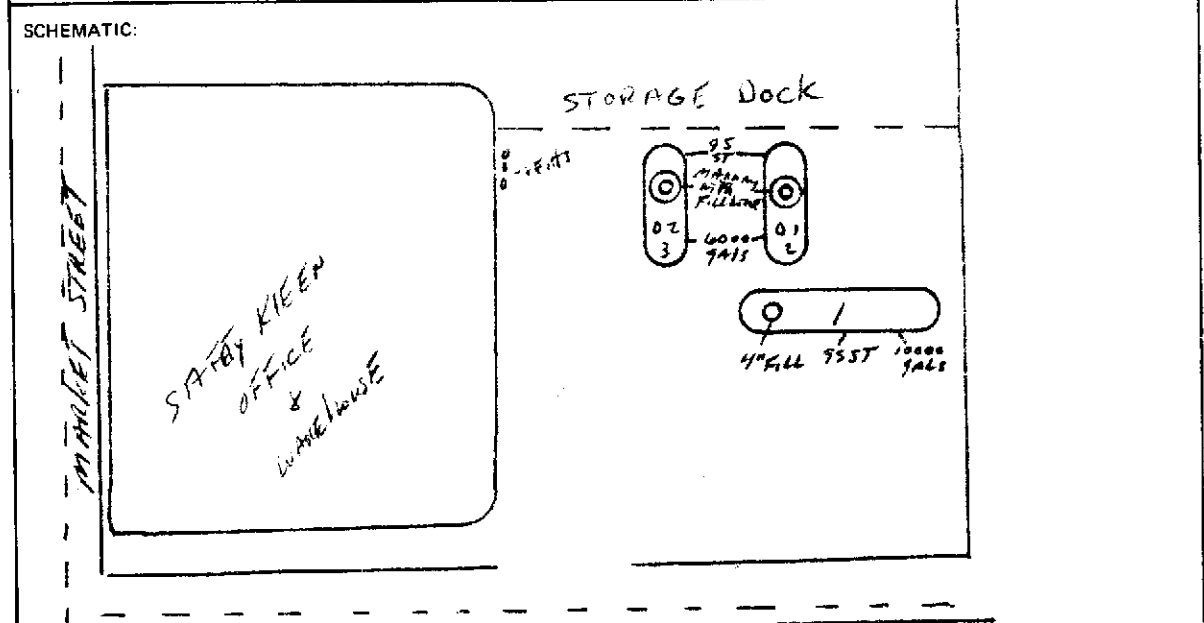
CERTIFICATION		This is to certify that the above described tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOKATOR according to all standard operating procedures. Those indicated as tight at full system meet the criterion established by the National Fire Protection Association Pamphlet 329 for Precision Testing.	
TESTS CONDUCTED BY		CERTIFIED BY	
TEST VAN NO.	TANK TESTING SPECIALIST	SIGNATURE	DATE
LL-17	G. H. PINK	[Signature]	1/21/87
	TANK TESTING SPECIALIST	NAME	TITLE
	R. [Signature]	KEVIN [Signature]	TEST MANAGER

DATE: JANUARY 21, 1987

CUSTOMER: SAFETY-KLEEN
 I.D. # 484 MARKET STREET

CITY: OAKLAND
 STATE: CALIFORNIA

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST -	0800	42°	CLEAR
AFTER TEST -	1200	50°	CLEAR



	PRODUCT/TANK NO.	WRTY, SERIAL SPIRITS # 1		WRTY, SERIAL SPIRITS # 2		WRTY, SERIAL SPIRITS # 3		Fill	Gauge	Fill	Gauge
		Fill	Gauge	Fill	Gauge	Fill	Gauge				
BEFORE DELIVERY	LEVEL	137		111		116					
	GALLONS	Full		Full		Full					
	WATER	0		0		0					
	TOP OF RISER	128		113		117					
	GRADE	132		120		119					
	DROP TUBE	NO		NO		NO					
	CAPACITY, GALLONS	10000		6000		6000					
	DIAMETER, INCHES	95		95		95					
	MATERIAL	STEEL		STEEL		STEEL					
	PUMP TYPE	G/E		G/E		G/E					
	TYPE OF COVER	CEMENT		CEMENT		CEMENT					
	AGE OF TANK	12 YRS +/-		12 YRS +/-		12 YRS +/-					
	SIPHON	NO		NO		NO					
	TANK OPENINGS	1		1		1					
	EXTRACTORS	0		0		0					
VAPOR RECOVERY	TYPE	P-I		P-I		P-I					
	VENT CONFIGURATION	SINGLE		SINGLE		SINGLE					
	P-V VENT VALVE TYPE	1		1		1					

REPLACEMENT PARTS: PART # DESCRIPTION QUANTITY PRICE

ADDITIONAL CHARGES: (pumpovers, overtime, etc.)