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November 5, 1997

Natasha R. Moiseyev

415-267-4121

natasha_moiseyev@mckennacuneo.com

Public Records Department
Alameda County Department of Health Services
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Re: Public Records Act Request

Dear Sir or Madam:

Pursuant to the California Public Records Act (Govt. Code § 6250 et seq.), we request documents pertaining to environmental activities at three sites in Emeryville, California within the jurisdiction of the Alameda County Department of Health Services ("DHS") from January 1, 1987, to the present.

Specifically, we request that the DHS provide us with copies of the documents listed below pertaining to the property owned by Sherwin-Williams and located generally at 1450 Sherwin Avenue ("Sherwin-Williams Property"); the property currently owned by Chiron Corporation, and located at 4525-4563 Horton Street ("Rifkin Property"); and the property owned by BGR Corporation, known as Assessor's Parcel Nos. 49-1041-50-1 and 49-1041-51, and located on the opposite side of Horton Street from the Rifkin Property ("BGR Property").

1. All correspondence between the DHS and any person or entity, including Emeryville or any other public entity, regarding the Sherwin-Williams Property.
2. All correspondence between the DHS and any person or entity, including Emeryville or any other public entity, regarding the Rifkin Property.
3. All correspondence between the DHS and any person or entity, including Emeryville or any other public entity, regarding the BGR Property.

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4. All documents reflecting any communication between the DHS and any person or entity regarding the Sherwin-Williams Property or contamination on the Sherwin-Williams Property, including, but not limited to, notes of meetings, electronic e-mails, and notes of conversations or meetings.
5. All documents reflecting any communication between the DHS and any person or entity regarding the Rifkin Property or contamination on the Rifkin Property, including, but not limited to, notes of meetings, electronic e-mails, and notes of conversations or meetings.
6. All documents reflecting any communication between the DHS and any person or entity regarding the BGR Property or contamination on the Rifkin Property, including, but not limited to, notes of meetings, electronic e-mails, and notes of conversations or meetings.
7. All photographs, drawings or diagrams of the Sherwin-Williams Property provided to the DHS by any person or entity.
8. All photographs, drawings or diagrams of the Rifkin Property provided to the DHS by any person or entity.
9. All photographs, drawings or diagrams of the BGR Property provided to the DHS by any person or entity.
10. All of Susan Hugo's files relating to contamination on the Sherwin-Williams Property.
11. All of Susan Hugo's files relating to contamination on the Rifkin Property.
12. All of Susan Hugo's files relating to contamination on the BGR Property.
13. Each writing or recording relating to the manner in which any release of contamination occurred, or is suspected to have occurred, on or from the Sherwin-Williams Property.
14. Each writing or recording written relating to the manner in which any release of contamination occurred, or is suspected to have occurred, on or from the Rifkin Property.
15. Each writing or recording written relating to the manner in which any release of contamination occurred, or is suspected to have occurred, on or from the BGR Property.

Public Records Department
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16. Each agenda for any meeting between the DHS and any other person or entity in which the Sherwin-Williams Property, or contamination on the Sherwin-Williams Property, was discussed.

17. Each agenda for any meeting between the DHS and any other person or entity in which the Rifkin Property, or contamination on the Rifkin Property, was discussed.

18. Each agenda for any meeting between the DHS and any other person or entity in which the BGR Property, or contamination on the BGR Property, was discussed.

19. All documents referring or relating to any investigation, whether contemplated or actually performed, of hazardous substances at or near the Sherwin-Williams Property including, without limitation, any consideration of the scope, cost or area of such investigation.

20. All documents referring or relating to any investigation, whether contemplated or actually performed, of hazardous substances at or near the Rifkin Property including, without limitation, any consideration of the scope, cost or area of such investigation.

21. All documents referring or relating to any investigation, whether contemplated or actually performed, of hazardous substances at or near the BGR Property including, without limitation, any consideration of the scope, cost or area of such investigation.

As to any portion of the above documents which may be determined to be exempt from disclosure under Government code § 6254, we request that the discretion of the DHS be exercised in favor of disclosure pursuant to this request.

Please be advised of our willingness to pay whatever direct costs of duplication or applicable statutory fees, if any, are assessed for meeting this request, as set forth in Government Code section 6257.

If you have any questions regarding this request, please do not hesitate to call me at the number provided above. Thank you very much for your assistance.

Sincerely,

Natasha R. Moiseyev
Natasha R. Moiseyev

NRM/nrm

Listing all LOP DAILY activities since 1991 for StID # 3827
as of 07/29/97

Act91_4

Act92_1

ActivDat	Insp	ACT	Activ	StID	ActCostF	aComment
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03/20/92	JE	200	0.1	3827	\$3.52	
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03/27/92	JE	200	0.2	3827	\$7.04	
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04/06/92	TP	212	0.2	3827	\$11.08	w/ Brett Harker
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Act92_2

04/16/92	TP	215	0.4	3827	\$22.13	QR, assign priority
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Act92_3

Act92_4

08/28/92	SH	215	2.	3827	\$90.83	review case file, summary
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09/01/92	SH	215	0.3	3827	\$13.62	review file for site search
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09/03/92	LS	210	1.5	3827	\$74.56	Site search
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Act92_5

10/19/92	SH	212	0.8	3827	\$36.33	talked to Phil Johnson(Dames&Moore) re:requirements for destruction of wells
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Act93_1

Act93_2

Act93_3

Act93_4

10/27/93	SH	212	0.4	3827	\$19.54	talked to Steven Stork re: ugt removal
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10/28/93	SH	215	1.	3827	\$48.86	review 1 ugt removal application
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11/08/93	SH	212	0.5	3827	\$24.43	talked to JIm Tracy re: deficiencies
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11/08/93	SH	215	3.5	3827	\$171.01	reviewed ugt removal plan & ff. report 7/31/89, 12/21/89, 2/21/89, 6/15/89, 8/6/88, 12/2/88; letter out
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11/09/93	SH	212	0.3	3827	\$14.66	talked to Steve Stork re; ugt removal
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11/18/93	SH	212	0.5	3827	\$24.43	talked to mark Youngkin re: status
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11/24/93	SH	210	3.5	3827	\$178.81	on site for 3 ugts removal
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12/09/93	SH	212	2.	3827	\$97.72	meeting w/ Mark Youngkin re: status of site, review case file
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Act94_1

01/04/94	TP	212	0.3	3827	\$18.18	w/Mark Youngkin schedules overex. w/ BC
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01/04/94	BC	215	1.8	3827	\$84.72	conversation with SH, review 12/22/93 workplan, conversation with Mike and conversation with M. Youngkin
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01/05/94	BC	210	3.8	3827	\$185.35	witness soil sampling
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01/05/94	BC	215	0.2	3827	\$9.41	conversation with SH
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01/05/94	SH	215	0.4	3827	\$20.34	talked to BC re: overexcavation
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01/06/94	BC	210	3.8	3827	\$185.35	witness sampling
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01/06/94	SH	215	0.4	3827	\$20.34	talked to BC re: status of overexcavation
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01/10/94	BC	210	4.	3827	\$194.76	witness soil sampling
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01/11/94	BC	215	0.2	3827	\$9.41	conversation with S. Hug
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01/20/94	SH	212	0.5	3827	\$25.42	talked to Mark Youngkin (TMC) re: status of overexcavation & Sherwin Williams (adjacent site)
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Date	Activity	Location	Duration	Rate	Cost	Description
						contamination
01/24/94	SH	212	0.2	3827	\$10.17	talked to Mark Youngkin re: status
01/26/94	SH	211	2.5	3827	\$134.91	on site for sampling
01/26/94	SH	212	0.4	3827	\$20.34	talked to Mark Youngkin re: sump removal
01/27/94	SH	210	1.5	3827	\$84.06	on site visit, overexcavation
Act94_2						
04/28/94	SH	212	0.5	3827	\$25.42	talked to Mark Youngkin re: UST removal reports. further work required
05/04/94	SH	212	1.5	3827	\$76.26	meeting with Mark Youngkin re: results of the ugt removal, further work required at teh site
05/04/94	SH	215	1.	3827	\$50.84	review reports on UGT closure
05/16/94	SH	212	0.2	3827	\$10.66	call from Larry Mencin re: status of UGT removal
Act94_3						
Act94_4						
10/19/94	SH	215	0.2	3827	\$10.66	update information data base
10/20/94	SH	215	2.	3827	\$106.62	review UGT closure report
10/25/94	SH	204	0.3	3827	\$15.99	discuss site with Sum Arigala
10/25/94	SH	212	0.5	3827	\$26.65	talked to Mark Youngkin re: WP
10/26/94	SH	212	0.3	3827	\$15.99	discuss with Mark Youngkin workplan for MW installation
10/26/94	SH	215	0.5	3827	\$26.65	review Workplan for MW installation
12/02/94	SH	212	0.5	3827	\$26.65	talked to Mark Youngkin re: recent installation of wells (4)
12/07/94	SH	210	0.8	3827	\$47.85	on site for MW installation, no activity at the site
12/09/94	SH	210	2.	3827	\$114.42	on site for MW installation - meet Mark Youngkin at site, tour the area, location of wells
Act95_1						
01/09/95	SH	82	1.	3827	\$53.31	site search by Bob Solotar(LF)
02/23/95	SH	212	0.5	3827	\$26.65	talked to Tom of TMC re: results of the mw installations
03/08/95	SH	212	0.3	3827	\$15.99	talked to Mark Youngkin re: report of MW installation
03/22/95	SH	212	0.5	3827	\$26.65	talked to Mark Youngkin re: groundwater monitoring report
Act95_2						
04/25/95	SH	215	2.5	3827	\$133.27	reviewed monitoring well installation report, quarterly monitoring report
05/25/95	SH	212	0.4	3827	\$21.32	talked to Mark Youngkin re: report to be submitted, recent groundwater data
06/16/95	SH	215	2.	3827	\$106.62	reviewed case file , quarterly monitoring report
Act95_3						
07/11/95	SH	215	2.	3827	\$106.62	reviewed QMRs, update status, data compared with Sherwin Williams
08/08/95	SH	215	0.5	3827	\$26.65	reviewed report 2/25/95 Subsurface Investigation QMR 7/26/95
08/08/95	SH	215	1.	3827	\$53.31	discuss site with RWQCB
08/09/95	SH	212	0.5	3827	\$26.65	talked to Mark Youngkin re: report groundwater data, access to wells by Sherwin Williams
Act95_4						
10/26/95	SH	212	0.3	3827	\$16.70	talked to TMC re: sampling

10/26/95	SH	215	0.8	3827	\$44.55	review 7/95 report
Act96_1						
01/09/96	SH	215	2.	3827	\$115.90	review case file, prepare for the hearing
01/09/96	SH	710	5.	3827	\$289.75	Subpoena to appear for deposition, San Francisco
03/07/96	SH	215	0.8	3827	\$46.36	review files for meeting
Act96_2						
Act96_3						
07/22/96	SH	215	2.5	3827	\$138.11	review case file, update summary
Act96_4						
10/24/96	SH	215	0.4	3827	\$22.10	review groundwater water data relative to release near SW
10/28/96	SH	200	0.8	3827	\$44.20	new RP, NOR out
10/28/96	SH	212	0.5	3827	\$27.62	meeting with Ric Notini, Vera Nelson , & Mark Knox re: the contamination of AS & Pb encountered near the brick wall
11/05/96	SH	200	0.1	3827	\$5.52	new RP, search
01/08/97	SH	212	0.5	3827	\$27.84	talked to Tom Kalinowski re: status of Rifkin/ SW sites
01/09/97	SH	212	0.5	3827	\$27.84	talked to Ric Notini (Chiron) re: status of site
03/21/97	SH	212	0.4	3827	\$22.28	talked to Ric Notini, Vera Nelson re: status of USTs case
04/24/97	SH	215	2.5	3827	\$0.00	review for closure

complete

Meeting at RWQCB, Oakland, 11/13/16 regarding
 Sherwin-williams & Rifkin site, Emeryville, Alameda County

<u>Name</u>	<u>Company</u>	<u>phone number</u>
John Gerulis	Sherwin-Williams	(216) 566-2239
Dave Gustafson	" "	216-566-3144
Jim Levine	Levine-Fricke	510-652-1500
Mark D. Knox	"	"
FRANK McHUGH	Sherwin-Williams	510-420-7215
Tom Kalinowski	EKI	415-578-1172
IGNACIO DAYRIT	CITY OF EMERYVILLE	510 5964356
STEVE MORSE	RWQCB	510-286-0304
Vera H. Nelson	Euler & Kalinowski, Inc.	(415) 578-1172
Riz Notini	Chiron	(510) 601-2484
Ravi Arulanantham	RWQCB-II	(510) 286-1331
GEORGE COLEMAN	County Health	510) 567-6700
Susan L. Hugg	ACDEH	(510) 567-6780
Sim Arigala	RWQCB	510 286 0434.

**Alameda County Health Care Services Agency
Environmental Health Department**
1131 Harbor Bay Parkway, Alameda CA 94502-6577
Ph: 510-567-6700 FAX: 510-337-9335

Meeting Attendees

Subject CHIRON / SW / RIFKIN - EMERYVILLE
 Date 12/19/96
 Location ACDEH

Name	Affiliation	Phone # / FAX #
1 <u>Susan Hugo</u>	<u>ACDEH</u>	<u>(510) 567-6780 / (510) 337-9335</u>
2 <u>Ismael Dreyfus</u>	<u>City of Emeryville</u>	<u>5964356 / 6588895</u>
3 <u>Michael Marsden</u>	<u>Lerine Fricke Recon</u>	<u>510 652-4500 / 652-4906</u>
4 <u>Tom Kalinowski</u>	<u>EKI</u>	<u>415 578-1172 / 415 578 9131</u>
5 <u>Riz Notini</u>	<u>Chiron</u>	<u>510 923-2484 / 510 923-7476</u>
6 <u>Mark Unox</u>	<u>LPR</u>	<u>/</u>
7 <u>MICHAEL GLASER</u>	<u>L-E-R</u>	<u>510 652-4500 / 652-4906</u>
8 _____	_____	<u>/</u>
9 _____	_____	<u>/</u>
10 _____	_____	<u>/</u>
11 _____	_____	<u>/</u>
12 _____	_____	<u>/</u>
13 _____	_____	<u>/</u>
14 _____	_____	<u>/</u>
15 _____	_____	<u>/</u>
16 _____	_____	<u>/</u>
17 _____	_____	<u>/</u>

(LFB-3)

Sept 11, '93

Dust control → Risk Assessment run the dust control

Final Remedial Action Plan for the site should be consistent w/ all laws & regulations

should address site contamination

Pipings or plume double checked
Voluntary Clean up by SW

Sherwin Williams / Rifkin-Chiron Meeting

November 13, 1996 at 10:00AM (SF Bay RWQCB)

Alameda County Department of Environmental Health Concerns:

- 1) Does the site at this time pose a threat to public health, safety and the environment?
- 2) Does the cleanup / remediation goals submitted for the site protective of public health, safety & the environment? Cleanup goals compatible with current land use? Future land use?
- 3) How will the remaining risk at the site be managed? Any risk plan management plan been submitted?
- 4) A comprehensive risk management plan should include at a minimum the following:
 - methods to mitigate any potential negative impacts posed by arsenic, lead, zinc, etc. contamination on site (i.e. capping, slurry wall, barriers, lining, etc.)
 - strategy to address the risk posed during any earth moving activities, foundation and utility trenching, water impoundments, etc. and specifically addressing the risk to construction workers
 - methods to restrict the contaminated soil to areas that are not easily accessible, like under the building
 - include a site map showing areas where landscaping maybe present and describe how the public (employees, pedestrians, construction workers, utility workers etc) are going to be protected from contamination present in these areas.
- 5) Concentration of arsenic, lead, zinc etc. exceed the hazardous waste levels and a deed restriction / deed notification maybe required.
- 6) Health and ecological risk assessment should be performed (consider all the necessary exposure pathways, exposed target population and based on current land use of property).
- 7) Is a waste discharge permit required by S.F. Bay RWQCB to leave hazardous levels of arsenic, lead, zinc, etc. at the site?
- 8) Is a permit / variance required by DTSC to leave hazardous levels of contamination at the site?
- 9) Construction / demolition at the former Rifkin site (now owned by Chiron) in the area where the southern brick wall is located had been halted due the the presence of hazardous levels of arsenic, lead and zinc, in addition to low pH (1.6) found at the site. Need a work plan to address extent of contamination found in this area and should include sampling plan, health and safety plan and appropriate disposal of hazardous and non hazardous waste generated during construction /demolition activities.
- 10) Horton Street by pass proposed by City of Emeryville may affect the area where soil / groundwater contamination is present. Any impact to the slurry wall, capping at the site? How will this be addressed?
- 11) Is the containment zone policy in the approved Resolution 92-49 applicable for the site?

Maintenance integrity of barrier

current or future

notification to public

{

}

11/13/94 Meeting @ RWQCB

Chiron - planned for parking / some stuff using
- above ground utility VS underground
- cracks on slab at Riskin

Yr 22
107430.3

Route by Hwy

5,000 ppm Pb (EPA) abatement - ZnO

3W - proposed sampling on brick wall / concrete

Chiron - doing borings on SW cap (As Pb Zn)

Impermeable membrane →

other options? by SW by SW to show; treat the wall
Cost benefit analysis

- taking the cracks
- Comments, air monitoring will be conducted, roof padholes

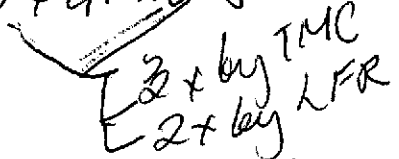
- concern re: 2nd / dup well (200ppb As)
- RWQCB investigate - re: Shell site Research

Chiron: SW (IRM) no final RAC

Lo 8 20M to stay in Emeryville

→ Notification to public / Acutely Hwy.

- Arsenic Environ monit
MW 4 & MW 5 → slight low of H3-4 / Acid Plant



RPB down edge of plume → did not hit sand layer, concerns

↑ MW3 = As maybe due to effects of slurry wall

1994 - wall completed

MW3 & RP1 increased above water quality goals (now)

Change groundwater flow → due to slurry wall & grad'd direction
to Limerick Creek →

Purchase of 1/3 of the property @ Riskin by SW →

- need more data to determine extent
- specification impermeable barrier not achieved (As to 10³ - 6) → 10⁻⁵ to 10⁻⁶
- 4 samples collected by TMC → 740,000 ppm As in the wall
- feasibility study (Sum Arizola) requesting
- Baquifer no wells in the Riskin property

TASKS

The scope of work associated with the design and installation of the barrier wall includes the following tasks:

- design of the barrier wall
- permitting
- wall construction
- project management and reporting

Task 1: Design of the Barrier Wall

This task includes preparation of the structural design for the barrier wall. This task has already been partially completed. The preliminary design, prepared by a structural engineer registered in the State of California, is presented in the figures in Attachment A. The only work that remains to finish the wall design is to draft the figures and prepare specifications for the materials of construction. The remaining design work can be completed within 5 working days of notification. Upon completion of the design the drawings and specifications can be submitted to 2 or 3 contractors for bidding and submittal of construction costs.

Task 2: Permitting

This task includes preparation of permit applications and other documents, coordination with agency representatives, response to agency comments, and addressing regulatory issues that arise during construction and design of the barrier wall.

The only formal permit required will be a building permit from the City of Emeryville. Copies of the plans and specifications for the wall will be submitted to the City upon completion of the design. The barrier wall plan will be presented to the California Regional Water Quality Control Board (RWQCB) and the Alameda County Health Care Services Agency and any other appropriate regulatory agencies.

Task 3: Wall Construction

This task includes selection of a general contractor to install the barrier wall, preparation of a health and safety plan, installation of the wall at the Site, and monitoring of construction activities.

The general contractor will install the barrier wall based on the set of plans approved by the City. A construction engineer will be at the Site for the start of construction work and periodically during field construction activities. The construction engineer will monitor the contractor's work to verify that the requirements of the contract documents are fulfilled.

MEETING AT RWQCB

RIFKIN / SHERWIN WILLIAMS SITE
EMERYVILLE, CALIFORNIA
13 NOVEMBER 1996

E. OTHER ISSUES FOR DEVELOPMENT OF FINAL REMEDY

- I. ADEQUACY OF S-W SOURCE CHARACTERIZATION
 - A. EXTENT OF HAZARDOUS WASTE OUTSIDE S-W SLURRY WALL
 - VADOSE ZONE SOIL ADJACENT TO RIFKIN SOUTH WALL
 - SATURATED ZONE SOILS OUTSIDE SLURRY WALL
 - B. SOURCE AND EXTENT OF LOW PH IN WELLS MW-4 AND MW-5 AND IN RIFKIN SOUTH WALL
 - CHEMICAL USE HISTORY FOR S-W ACID PLANT
 - SOIL AND GROUNDWATER PH AT FORMER S-W ACID PLANT
 - POTENTIAL IMPACT REGARDING AS AND Pb MIGRATION
 - C. SOURCE OF HIGH ZINC IN WELLS MW-4 AND MW-5 AND SOIL ADJACENT TO RIFKIN SOUTH WALL
 - CHEMICAL USE HISTORY FOR S-W LEAD ARSENATE PLANT
 - ANY PRODUCTION OF ZINC ARSENATE INSECTICIDE?
 - D. EXTENT OF VOC AND SVOC COMPOUNDS NEAR FORMER S-W LACQUER PLANT
 - POTENTIAL FOR CHEMICAL OR BIOCHEMICAL DEGRADATION BYPRODUCTS
- II. ADEQUACY OF S-W SITE CHARACTERIZATION
 - A. GEOLOGIC MAPPING
 - CHANNELIZATION IN SHALLOW ZONE
 - WELL COMPLETIONS IN LOW PERMEABILITY SOILS
 - THICKNESS OF AQUITARD / LACK OF CROSS-SECTIONS

- B. IMPACT OF S-W SLURRY WALL ON GROUNDWATER FLOW IN SHALLOW ZONE
 - LOCAL GRADIENT SHIFT TOWARD TEMESCAL CREEK
 - INCREASING ARSENIC CONCENTRATIONS IN WELL MW-3
 - LACK OF MONITORING AT WELL LF-19
 - C. LEAKAGE TO DEEPER AQUIFER ZONE
 - RECENT DETECTION OF ARSENIC IN B-ZONE
 - LACK OF B-ZONE GROUNDWATER DATA ON RIFKIN
- III. EFFECTIVENESS OF S-W SLURRY WALL
- A. LACK OF PIEZOMETRIC DATA NEAR RIFKIN SOUTH WALL
 - B. REVIEW OF FIELD INSPECTION REPORTS
 - DOCUMENTATION OF COMPLIANCE WITH DESIGN SPECIFICATIONS
 - NON-CONFORMANCE OF C/B WALL PERMEABILITY TESTS
 - C. REVIEW OF SLURRY WALL DESIGN PERMEABILITY TEST RESULTS
 - REPRESENTATIVENESS OF TEST CONDITIONS
 - LONG-TERM IMPACT OF LOW PH SOIL AND GROUNDWATER CONDITIONS
- IV. SOLID WASTE MANAGEMENT ISSUES
- A. OCCURRENCE OF HAZARDOUS AND EXTREMELY HAZARDOUS WASTE OUTSIDE SLURRY WALL
 - B. OCCURRENCE OF HAZARDOUS AND EXTREMELY HAZARDOUS WASTE UNDER CAP (OR HORTON STREET BYPASS)
 - C. PERMIT REQUIREMENTS
- V. OFF-SITE RELEASES OF ARSENIC DUST
- A. EVALUATE PAST RELEASES
 - B. EVALUATE RELEASES DURING SLURRY WALL CONSTRUCTION
 - C. NOTIFICATION OF CHIRON EMPLOYEES AND NEARBY RESIDENTS

VI. IMPACTS ON CHIRON DEVELOPMENT PLANS

- A. SEALING OF RIFKIN WALL IS TEMPORARY SOLUTION
 - OPTIONS CONSIDERED, E.G., REMOVAL
 - PERMITS NEEDED TO ENCAPSULATE HAZARDOUS WASTE OFF-SITE

- B. RIFKIN SOUTH WALL AND SLAB WILL BE DEMOLISHED EVENTUALLY
 - POTENTIAL CONSTRAINTS ON FUTURE DEMOLITION
 - CLASSIFICATION OF DEBRIS FOR DISPOSAL PURPOSES
 - PERMITS NEEDED

- C. FINAL REMEDY MUST BE COMPATIBLE WITH PLANNED DEVELOPMENT BY CHIRON AND CITY
 - INSTALLATION OF PILINGS ON RIFKIN
 - CONSTRUCTION OF HORTON STREET BYPASS

- D. IMPLICATIONS OF CONTAINMENT ZONE DESIGNATION MUST BE UNDERSTOOD

VI. RECOMMENDATIONS

- A. REVIEW SLURRY WALL DESIGN AND CONSTRUCTION QA/QC
- EVALUATE WATER LEVEL DATA NEAR RIFKIN SOUTH WALL TO VERIFY INWARD GRADIENT
 - EVALUATE LONG-TERM IMPACT OF LOW PH ON HIGHLY CONTAMINATED SOIL AND C/B WALL CONSTRUCTION
 - REVIEW DUST MONITORING DATA OBTAINED DURING CONSTRUCTION AND CALCULATE OFF-SITE RISKS
- B. INVESTIGATE OCCURRENCE OF SAND CHANNELS ON FORMER RIFKIN PROPERTY
- EVALUATE IMPACT ON LATERAL MIGRATION
 - EVALUATE IMPACT ON VERTICAL MIGRATION TO DEEPER GROUNDWATER
- C. DEVELOP LONG-TERM FINAL REMEDY OBJECTIVES
- ADDRESS CONTAINMENT ZONE TECHNICAL DEMONSTRATION FACTORS IN SWRCB 92-49
 - ADDRESS PERMITTING REQUIREMENTS OF ALL AGENCIES
- D. ESTABLISH ADMINISTRATIVE APPROACH AND SCHEDULE FOR DEVELOPMENT OF FINAL REMEDY
- REQUIRED REMEDIAL INVESTIGATIONS
 - REQUIRED FEASIBILITY STUDY FOR EVALUATION OF REMEDIAL OPTIONS
 - SCHEDULE FOR ADOPTION OF SITE CLEANUP REQUIREMENTS ORDER BY THE RWQCB

CHIRON



November 12, 1996

Mr. Sumadhu Arigala
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Re: **Impacts of Sherwin-Williams on Rifkin Property**

Dear Sum:

Yesterday, Chiron received copies of three proposed work plans, dated November 7, 1996, prepared by Lefine-Fricke-Recon (LFR) on behalf of Sherwin-Williams. The LFR work plans make specific recommendations regarding the containment of Sherwin-Williams contaminants in groundwater, soil, and building materials on the former Rifkin Property. Chiron has not had the opportunity to review these containment plans in detail and reserves the right to respond later with written comments on these latest proposals. However, discussion of the issues noted in the attached additional agenda items at tomorrow's scheduled meeting should aid the RWQCB staff in its evaluation of Sherwin-Williams latest proposals.

If you have any questions, please contact me.

Sincerely,

CHIRON CORPORATION

Ric Notini

Ric Notini
Manager, Environmental
Health and Safety

cc: Stephen Morse, Calif. RWQCB
Dennis Mishek, Calif. RWQCB
Susan Hugo, Alameda County Health Dept.
David B. Gustafson, Sherwin-Williams
Mark Knox, Levine-Fricke-Recon
Tom Kalinowski, EKI

RECEIVED

NOV - 8 1996

ERLER & KALINOWSKI, INC.

November 8, 1996
File No.: 2199.9309(SA)
SMS Case File



COPY

San Francisco Bay
Regional Water
Quality Control
Board

2101 Webster Street
Suite 500
Oakland, CA 94612
(510) 286-1259
FAX (510) 286-1380

Mr. Ric Notini
Manager, Environmental Health and Safety
Chiron Corporation
4560 Horton Street
Emeryville, CA 94608-2916

SUBJECT: Approval of Workplan to Conduct Soil and Groundwater Investigation
at the Sherwin Williams site, 1450 Sherwin Avenue, Emeryville,
Alameda County.

Dear Mr. Notini:

This letter responds to your November 4, 1996 letter and the October 22, 1996
workplan, prepared by your consultant Erler & Kalinowski, Inc., to conduct soil and
groundwater sampling on the Sherwin Williams site, Emeryville, Alameda County.

I hereby approve the workplan provided the following conditions are met:

1. The soil and groundwater investigation shall be conducted and completed in a
manner that will maintain and/or restore the integrity of the engineered slurry
wall and environmental cap installed at the Sherwin-Williams site.
2. Appropriate Health and Safety plans shall be prepared and followed during
implementation of the workplan.

If you have any questions, please contact Sumadhu Arigala of my staff at (510)-286-
0434.

Sincerely,
Loretta K. Barsarian
Executive Officer

Stephen I. Morse
Stephen I. Morse *by O&M*
Division Chief, Toxics

Post-It™ brand fax transmittal memo 7671 # of pages = 1

To	Britt Van Thaden	From	Sum Arigala
Ext.	F.K.T.	Ext.	R.W.B.S.B.
Dept.	-	Phone #	286 0434
Fax #	(415) 598 9131	Fax #	286 0429

cc: Susan Free, The Sherwin Williams Co.
1450 Sherwin Avenue
Emeryville, CA 94608



Our mission is to preserve and enhance the quality of California's water resources, and
ensure their proper allocation and efficient use for the benefit of present and future generations.



FAX

CHIRON CORPORATION
4560 Horton Street, F-100
Emeryville, CA 94608-2916

To: SUSAN HUGO

Fax No: (510) 337-9335 Phone No: _____

Date: 11/8/96

From: Ric Notini
Environmental, Health & Safety
Phone No: (510) 923-2484 Fax No: (510) 923-7476

Number of pages, including this cover page: 2

Remarks:

EKI has a H + S plan and
will send it to you Fed Ex.

CONFIDENTIALITY NOTICE

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RMP

FAX

CHIRON CORPORATION
4560 Horton Street, F-100
Emeryville, CA 94608-2916

- 1) need to ~~investigate~~ integrity of the cap/plumbing wall
- 2) Interior Remedial Action only ~~at~~ final CAP when? Time frame how will that be addressed? ~~with~~
- 3) Gas contamination in kitchen - how will that be addressed? ~~with~~
- 4) H&S Plan - for Health & Safety ~~department~~ needs to be conducted for response to reasonable receptors
- 5) Soil Retraction (noting?) no digging / trenching

To: ~~[Redacted]~~

Fax No: (510) 397-9432 Phone No: _____

Date: 11/4/96

From: Ric Notini
Environmental, Health & Safety
Phone No: (510) 923-2484 Fax No: (510) 923-7476

Number of pages, including this cover page: 2

Remarks:

F&I.

(a) Emeryville by pass at the site -? how will this be addressed? What's the impact? & how will it be addressed?

CONFIDENTIALITY NOTICE

The documents accompanying this facsimile transmission contain confidential information belonging to the sender which is legally privileged. The information is intended only for the use of the individual or entity named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this facsimile information is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone to arrange for the return of the original documents to us.

CHIRON

1) need a site map of where the borings will be advanced

2) HESP documentation procedure

3) not compromise the integrity of the disturbed & slurry wall

4) notify our office

November 4, 1996

Ms. Susan Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

Re: Completion of Soil Borings on Sherwin-Williams Property

Dear Susan

As part of our investigation of releases of hazardous substances from the Sherwin-Williams property, Erie & Kalinowski, Inc., on behalf of Chiron Corporation, has proposed completing ten soil borings on the Sherwin-Williams property for the purpose of collecting additional soil and grab groundwater samples near the southern boundary of the former Rifkin property. Sherwin-Williams has granted us permission to perform this work provided that we obtain the Alameda County Department of Environmental Health's approval of the resulting disturbance and repair of the cap.

Accordingly, we are requesting your approval of the completion of ten soil borings on the capped portion of the Sherwin-Williams property. The soil borings will be completed to depths ranging from 5.5 feet below ground surface ("bgs") to the top of the first aquifer (approximately 15 to 20 feet bgs). Following the collection of soil and grab groundwater samples, the borings will be backfilled in accordance with Zone 7 permit requirements. Cement grout will be used to seal the entire length of the borings to near ground surface and the top of each boring will be sealed with a hot asphalt patch to match the existing cap thickness thereby restoring the integrity of the cap.

We would like to perform this work as soon as possible. Therefore, we would appreciate it if you would provide us with a letter approving of the disturbance and repair of the cap as outlined above, including any additional specifications for the work deemed necessary by your agency.

If you have any questions or comments, please contact me at (510) 923-2484 or Vera Nelson of Erie & Kalinowski, Inc. at (510) 923-2484.

Sincerely,

CHIRON CORP.

Ric Notini

Ric Notini
Manager, Environmental
Health and Safety

cc: Sum Arigala

LOP - CHANGE RECORD REQUEST FORM

printed:
11/04/96

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

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3827 LOC:
 SITE NAME: Rifkin Investment Co. DATE REPORTED : 07/08/88
 ADDRESS : 4525 49 Horton St DATE CONFIRMED: 07/08/88
 CITY/ZIP : Emeryville 94608 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 03/27/89
 PRELIMINARY ASMNT: U DATE UNDERWAY: 06/15/89 DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/27/89
 LUFT FIELD MANUAL CONSID: 3HSCA
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 07/08/88 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. Ric Notini
 COMPANY NAME: Chiron Corporation
 ADDRESS: 4560 Horton Street
 CITY/STATE: Emeryville, California 94608

RP#2-CONTACT NAME: Mr. Harvey Rifkin
 COMPANY NAME: Rifkin Investment Co.
 ADDRESS: 300 Brannan, Suite 605
 CITY/STATE: San Francisco, C A 94107

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

LOP - CHANGE RECORD REQUEST FORM

printed:
10/28/96

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

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3827 LOC: -0-
 SITE NAME: Rifkin Investment Co. DATE REPORTED : 07/08/88
 ADDRESS : 4525 49 Horton St DATE CONFIRMED: 07/08/88
 CITY/ZIP : Emeryville 94608 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP: -0-
 RP SEARCH: S DATE COMPLETED: 03/27/89
 PRELIMINARY ASMNT: U DATE UNDERWAY: 06/15/89 DATE COMPLETED: -0-
 REM INVESTIGATION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 REMEDIAL ACTION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 POST REMED ACT MON:- DATE UNDERWAY: -0- DATE COMPLETED: -0-

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/27/89
 LUFT FIELD MANUAL CONSID: 3HSCA
 CASE CLOSED: - DATE CASE CLOSED: -0-
 DATE EXCAVATION STARTED : 07/08/88 REMEDIAL ACTIONS TAKEN: UK

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. Ric Notini
 COMPANY NAME: Chiron Corporation
 ADDRESS: 4560 Horton Street
 CITY/STATE: Emeryville, California 94608

RP#2-CONTACT NAME: Mr Frank Satterwhite
 COMPANY NAME: Rifkin Investment Co.
 ADDRESS: 3220 Monika Lane
 CITY/STATE: Hayward, California 94541

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only Case Progress Changes

ANPNPGMS _____ LOP _____ DATE _____ LOP _____ DATE _____

CHIRON

January 31, 1996

Mr. Stephen Morse
Division Chief, Toxics Cleanup Division
Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, CA 94612

Re: Rifkin Property, 4525 - 4563 Horton Street, Emeryville, California

Dear Steve:

I am writing as a follow-up to our telephone conversation on Friday, January 27, 1996, concerning remediation of soil and groundwater contamination on the Rifkin property.

As I indicated, Chiron is in the process of acquiring the Rifkin property in connection with Chiron's proposed expansion plan. During the development of the campus, the existing structures will be demolished over time and one or more high-rise office buildings and two parking structures are expected to be constructed.

Chiron is currently attempting to reach an agreement with Sherwin-Williams, requiring Sherwin-Williams to remediate the contamination that has migrated onto the Rifkin property from the adjacent Sherwin-Williams facility. While the remediation must not only satisfy the requirements of the Regional Board, it must also be compatible with Chiron's proposed use of the property.

Given Chiron's vested interest in the Rifkin property, we request that Chiron be notified in advance of, and given an opportunity to participate in, all meetings and discussions between Sherwin-Williams and the Regional Board, and be copied on all correspondence between Sherwin-Williams and the Regional Board regarding remediation of the property.

You indicated that this request was reasonable and appropriate and that the Regional Board would agree to this arrangement.

Sincerely,

CHIRON CORPORATION

Ric Notini

Ric Notini
Manager, Environmental Health and Safety

cc: Sum Arigala, RWQCB
Ravi Arulanantham, RWQCB
Susan Hugo, Alameda County
Ignacio Dayrit, City of Emeryville
Dave Gustafson, Sherwin-Williams
Larry Mencin, Sherwin-Williams
Mark Knox, Levine-Fricke



THE SHERWIN-WILLIAMS COMPANY
COATINGS DIVISION ENGINEERING
FAX Cover Sheet

Date Sent 1 / 22 / 96

Page 1 of 2

TO:

Larry Mencin	(216) 566-2730
Mark Knox-Levine ♦ Fricke	(510) 652-4906
Susan Hugo, Alameda County Health Agency	(510) 337-9335
Sum Arigala, CaRWQCB	(510) 286-1380
Ravi Arulanantham	(510) 286-1380
Frank McHugh	(510) 654-7997

FROM: The Sherwin-Williams Company
Coatings Division-Engineering Department

OFFICE OF Dave Gustafson

PHONE NO. (216) 566-3144

FAX NO. (216) 566-1792

COMMENTS:

The attached Agenda for the 10 AM meeting on February 1st
has a revision to Item A.1.

Thanks!

Dave Gustafson

Proposed Agenda

2/1/96 Meeting 10 AM
Oakland Water Board Offices

S-W / L•F / CaRWQCB

5 new wells
A. - L•F 25 more to N
to be closer to
creek outside
of right of way

- Sampling plan for
grid #20. 2nd spill
zone
wells outside
slurry + pump well
run 8270

A. Monitoring Wells: S-W Property

1. New on-site wells (7) — Installation scheduled for 1/29.
2. Perimeter (off-site) wells (5) — Status
3. Discussion—sampling plans for all on-going monitoring wells (frequency, analysis, initial sampling date)

- soil sampling
in the aquitard
3 to 6 ft into
aquitard, check upward
hydraulic grad.

- SP letter re: wells

B. Groundwater Treatment System: S-W Property

1. Quarterly Report / NPDES Compliance, by L•F
2. Plans

- Koro Syrup added to
enhance the microbes.
phosphoric acid always
added
shut down if limits of
are exceeded.
Diesel hits

C. S-W Site Risk Management Plan

1. Discuss timing
2. Discuss Model Plan from Water Board

- Chloroform / Benzene / Also Sonit h
- envi ronment risk (vertical
migration)
impact to creek
long term grad H₂O
HCS plan
died notification / workers

↓
DRAP (45 days)
on site

D. Rifkin Property-Investigation

1. November results (report) of well sampling (L•F), 5 wells.
2. 1/10/96 sampling results for arsenic for all 10 wells.
Other data in February.
3. Continued monitoring plan.

↓ in place
indemnification
agreements

↳ Quarterly program

- contingency options
- breach of slurry wall
- threat to creek

E. Rifkin Property - Remediation Option

1. S-W proposal on slurry wall/pump and treat. Future plans.
2. Lawsuit related
3. Other issues

- Q2-49 contribution to
other mitigation
pressures

- creek AS may not be
MCI

DBG/mgd
1/22/96 Rev.

raise your questions now



13908 San Pablo Avenue
Suite 101
San Pablo, California 94806
(510) 232-8366 FAX (510) 232-5133

**FACSIMILE
TRANSMITTAL SHEET**

Date: 8-9-95

Company: Alameda Co.

Contact Name: SUSAN HUGO

Fax Number: _____ Business Number: 567-6780

Sender: MARK YOUNGKIN

Description: Info on BGR property

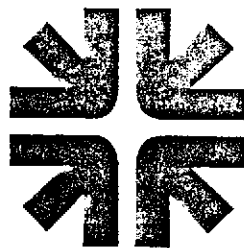
Number of pages (including this cover): ____ . Originals ____ will ____ will not be mailed.

If any problems, call (510) 232-8366.

DRAFT
Environmental Impact Report

City of Emeryville

CHIRON
DEVELOPMENT PLAN EIR



February 14, 1995

State Clearinghouse No. 94063005

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Results of site sampling and tests conducted at the Rifkin property in 1993 and 1994 can be summarized as follows:

- Measurable concentrations of acetone, methyl ethyl ketone, and 4-methyl-2-pentanone were detected in soil borings and groundwater at the southern corner of the property, currently occupied by an auto repair shop.
- Petroleum hydrocarbons were detected in soil in the vicinity of the two former underground storage tanks removed in 1988. As noted above, this soil was excavated and removed.
- Petroleum hydrocarbons were detected in soils in the southwestern corner of the site adjacent to the Sherwin-Williams site. These hydrocarbons were observed to be floating on the groundwater surface at this location. (A petroleum hydrocarbon release is known to have occurred in the vicinity of this location.)
- Elevated concentrations of benzene, toluene, ethyl benzene, and xylenes were detected in one soil sample.
- Among the numerous contaminants detected in various groundwater samples were acetone, carbon disulfide, carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichloroethane, 1,1-dichloroethylene, 1,2-dichloropropane, methyl ethyl ketone, trichloroethylene, and vinyl chloride.
- Arsenic concentrations detected in soils near the southwestern corner of the site adjacent to the Sherwin-Williams parcel were greater than ten times the STLC.
- Arsenic concentrations were detected in groundwater near the Sherwin-Williams site, where the arsenic is believed to have originated. Petroleum hydrocarbons were detected in groundwater in the same area.

BGR I, II, III and Chapman Properties, APNs 1041-1, -48, -49, -50, -51, -55, 1041-2-1, and 1041-3-3

At the turn of the century, the BGR and Chapman properties were part of the race track area. By 1929, the properties were occupied by Western Electric and Pacific Telephone and Telegraph, subsidiaries of American Telephone and Telegraph. In 1930, Western Electric built Building M on the Chapman property as a warehouse. Building K on the BGR property was occupied from 1930 to 1950 by the Thorson Tool Company. Building J, also on the BGR property, was occupied by the American Tractor Equipment Company in 1929, followed by the Jensen Creamery Machine Company in 1934, and finally by Shell Development Company's Asbestos Production Division in 1950. Shell Development Company purchased the remainder of the BGR and Chapman properties in 1954 and converted Building M from warehouse use into a chemistry research and development laboratory (Erler & Kalinowski Inc., 1993).

For about 15 years, Shell carried out various research projects related to energy and petrochemicals. Use of the properties included tank farms and chemical use areas (Erler & Kalinowski Inc., 1993). In 1969, Shell terminated operations at the BGR and Chapman properties and subsequently sold the parcels. The Chapman property was leased from its new owner by Cetus in the 1980s; Cetus was acquired by Chiron in 1991. During the Cetus and Chiron occupancies, the Chapman parcel has been used for biotechnology laboratory research and related activities.

The portion of the BGR property north of 53rd Street (the "Big O" parcel) was purchased from Shell by Big O Tires in the early 1970s and used as a tire warehouse and distribution center. In the early 1980s, the parcel (excluding the railroad spur) was purchased by Chapman and subsequently leased to Cetus, which used it for warehouses, offices, shops, and parking. Cetus purchased the north BGR property in 1986 and constructed the CMF building. Cetus sold the property to BGR in 1989, but continued to lease the property and operate there. When Chiron acquired Cetus in 1991, Chiron continued the operations on the north BGR property (Erler & Kalinowski Inc., 1993).

The portion of the BGR property south of 53rd Street (with the exception of the railroad strip and existing Building D) was purchased from Shell in the 1970s and then sold to Cetus in 1981, which occupied a portion of it and leased the remainder to Chiron and other tenants. The various occupants have used the property for research, offices, and administration. In 1984, BGR purchased the south BGR property from Cetus. BGR leased it back to Cetus and Chiron. In 1987, the City of Emeryville purchased the property holding Building D and sold it to BGR, which leased it to Chiron for research and administrative functions. The railroad strip was purchased by BGR in 1989 for use as a parking area.

The BGR and Chapman properties have been studied because of the various tank farms, solvent storage areas, and chemical waste handling facilities that Shell operated on the parcels. Historic documents suggest that approximately 25 underground storage tanks may have been installed on the BGR property. At least seven of these tanks were removed by Shell and Cetus in the 1980s, and others may have been removed previously as no additional tanks were found in searches of the former tank farm areas shown in historic documents (Erler & Kalinowski, 1994a). However, the presence of other tanks elsewhere on the site is possible (Dames & Moore, 1992).

At various times, elevated concentrations of volatile organic compounds, hydrocarbons, semivolatile organic compounds, metals, and PCBs were found on the properties. Groundwater

samples contained measurable levels of chlorobenzene, dichlorobenzene, dichloroethane, PCBs, benzene, toluene, xylenes, and ethylbenzene. On the basis of these results, certain soils were excavated and removed from the properties in the late 1980s as part of site remediation and redevelopment.

Groundwater at the Chapman property was sampled and tested for site studies conducted in 1993. Analyses were performed for volatile organic compounds, semivolatile organic compounds, PCBs, metals, and petroleum hydrocarbons. Test results detected trace levels of trichloroethylene in one sample, but all other test results proved to be negative. However, groundwater flow patterns at the site are not yet well defined, and the test results are not sufficient to fully characterize groundwater conditions at the Chapman property (Erler & Kalinowski Inc., 1993).

Volatile organic compounds detected in shallow (15-25 feet down) and/or deeper (25-49 feet down) groundwater at the south BGR property include chlorobenzene, 1,2-dichloroethane, 1,2-dichloroethylene, 1,2-dichloropropane, trichloroethylene, vinyl chloride, chloroform, and carbon tetrachloride. Chlorobenzene and dichlorobenzene were detected in groundwater on the north BGR property. Acetone and methyl ethyl ketone also were found, especially in samples collected along the eastern edge of the south BGR property. Petroleum hydrocarbons were detected in both shallow and deeper groundwater, but especially in the shallow zone. Floating petroleum hydrocarbons were observed in wells on both the south and north BGR properties. One hydrocarbon sample was determined to be kerosene. Groundwater flow patterns suggest that hydrocarbons may be migrating from the south BGR property across Horton Street to the Rifkin property. Polychlorinated biphenyls and metals were detected in soil samples on both the south and north BGR properties (Erler & Kalinowski Inc., 1994a).

Geophysical survey data published in 1994 identified over a dozen magnetic anomalies (*i.e.*, buried metal objects) on the south BGR property and one on the north BGR property. At least six of the magnetic anomalies could be underground storage tanks; however, the magnetic anomalies could also be due to steel-reinforced concrete buried beneath the site, as it is known that foundations were left in place when a number of buildings on the property were demolished by Shell (Erler & Kalinowski Inc., 1994a).

This impact would be mitigated fully by Mitigation Measures F.2.a, F.2.b, F.2.c, and F.3, already proposed as part of the project. The Risk Assessments, Site Studies, and site remediation activities recommended in Mitigation Measures F.2.a through F.2.c and in Mitigation Measure F.3 would evaluate and control potential human health risks from contaminants of concern at each of the subject parcels (Erler & Kalinowski, 1994c). Those measures would also act to mitigate Impact F.4.

Mitigation: None Required

REFERENCES - Soil, Groundwater, and Building Contamination

(All references cited below are available at the Emeryville Planning Department, 2200 Powell Street, Emeryville, California, unless specified otherwise.)

Alameda County Department of Environmental Health, "Risk Based Management of Contaminated Sites," Hazardous Materials Division, Memorandum to all Inspection and LOP Staff, January 29, 1993.

Budavari, Susan, Ed., *The Merck Index: An Encyclopedia of Chemicals, Drugs, and Biologicals*, 11th Edition, Merck & Co., Inc., 1989 (available at University of California San Francisco Library, 530 Parnassus Avenue, San Francisco, California).

California Code of Regulations, Title 22, Division 4.5 "Environmental Health Standards for the Management of Hazardous Wastes," Chapter 11, Article 3 (Characteristics of Hazardous Waste), Sections 66261.20-24.

Chiron Corporation, letters, August 26, 1993; August 24, 1994; and September 26, 1994.

Dames & Moore, *Phase I Preliminary Site Assessment: BGR-3 and Rifkin Properties, Horton and Stanford Streets, Emeryville, California*, prepared for Chiron Corporation, August 1992.

Erler & Kalinowski Inc., *Preliminary Site Investigation Report*, prepared for Chiron Corporation, September 8, 1993.

Erler & Kalinowski Inc., *Preliminary Site Investigation Report: BGR and Chapman Properties*, prepared for Chiron Corporation, January 10, 1994a.

Erler & Kalinowski Inc., *Process for Implementation of the Environmental Assessment and Management of Properties Contemplated for Development under Chiron's Facility Master Plan, Emeryville, California*, prepared for Chiron Corporation, May 6, 1994b.

**Alameda County Department of Environmental Health
Hazardous Materials Division**
80 Swan Way, Rm. 200, Oakland, CA 94621
Ph: 510-271-4320

BILLING FOR SERVICES

STID# _____

A. Site Name See list below Phone _____
 Site Address _____
(If no address, description of area) Number Street City Zip
 Prior Business Name _____ Prior Owner's Name _____

B. Service Requestor Bob Solotar - Levine Fricke (510) 652-4500
Contact Person Company Name Phone
 Billing Address 1900 Powell St., 12th Floor Emeryville CA 94608
Number Street City Zip

LF Project # 3436.02

<u>Category of Service</u>		#Hours	x \$	/Hr	\$
<input type="checkbox"/> Site Search		<u>2.0</u>		<u>90</u>	<u>\$ 180.⁰⁰</u>
<input checked="" type="checkbox"/> File Search		_____	x \$ _____	/Copy	\$ _____
<input type="checkbox"/> Other _____		_____	x \$ _____		\$ _____
Other					\$ _____
TOTAL CHARGE:					\$ <u>180.⁰⁰</u>

REMARKS: File Review for:
1) STID 3827 - 4529 HORTON ST EMERYVILLE
Rifkin CA 94608
2) CHIRON 4560 HORTON ST EMERYVILLE
CA 94608

You will receive an invoice in accordance with Article 11 of Chapter 6, Title 3 of the Ordinance Code of Alameda County

Service Requestor Robert Solotar Robert Solotar Date 11/11/95
printed name signature
 HazMat Specialist SUSAN L. HUGO Susan L Hugo Date 11/11/95
printed name signature

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

02/17/95

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL INSPECTOR: SH
 StID: 3827 SUBSTANCE: 8006619 -Gasoline
 SITE NAME: Rifkin Investment Co. DATE REPORTED : 07/08/88
 ADDRESS : 4549 Horton St DATE CONFIRMED: 07/08/88
 CITY/ZIP : Emeryville, CA 94608 MULTIPLE RP's : N

CASE TYPE: G CONTRACT STATUS: 4 PRIOR: EMERGENCY RESPONSE:

RP SEARCH	: S		DATE END: 03/27/89
PRELIM ASSESSMENT	: U	DATE BEGIN: 06/15/89	DATE END:
REMEDIAL INVESTIG	:	DATE BEGIN:	DATE END:
REMEDIAL ACTION	:	DATE BEGIN:	DATE END:
POST REMED MONITOR:		DATE BEGIN:	DATE END:

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 03/27/89

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: 3HSCA CASE CLOSED: on:

DT EXC START: 07/08/88 REMEDIAL ACTIONS TAKEN: UK

RP #1: CONTACT: Frank Satterwhite RP COST:
 RP COMPANY NAME: Rifkin Investment Co. Ph:
 ADDRESS: 3220 Monika Lane
 CITY/STATE: Hayward, C A 94541

ΔDuMENT:

Listing of all 1992 activities for StID # 3827
as of 02/17/95

ActivDat	Insp	ACT	Activ	StID	ActCostF	aComment
03/20/92	JE	200	0.1	3827	\$3.52	
03/27/92	JE	200	0.2	3827	\$7.04	
04/06/92	TP	212	0.2	3827	\$11.08	w/ Brett Harker
04/16/92	TP	215	0.4	3827	\$22.13	QR, assign priority
08/28/92	SH	215	2.	3827	\$90.83	review case file, summary
09/01/92	SH	215	0.3	3827	\$13.62	review file for site search
09/03/92	LS	210	1.5	3827	\$74.56	Site search
10/19/92	SH	212	0.8	3827	\$36.33	talked to Phil Johnson(Dames&Moore) re:requirements for destruction of wells
10/27/93	SH	212	0.4	3827	\$19.54	talked to Steven Stork re: ugt removal
10/28/93	SH	215	1.	3827	\$48.86	review 1 ugt removal application
11/08/93	SH	212	0.5	3827	\$24.43	talked to JIm Tracy re: deficiencies
11/08/93	SH	215	3.5	3827	\$171.01	reviewed ugt removal plan & ff. report 7/31/89, 12/21/89, 2/21/89, 6/15/89, 8/6/88, 12/2/88; letter out
11/09/93	SH	212	0.3	3827	\$14.66	talked to Steve Stork re; ugt removal
11/18/93	SH	212	0.5	3827	\$24.43	talked to mark Youngkin re: status
11/24/93	SH	210	3.5	3827	\$178.81	on site for 3 ugts removal
12/09/93	SH	212	2.	3827	\$97.72	meeting w/ Mark Youngkin re: status of site, review case file
01/04/94	TP	212	0.3	3827	\$18.18	w/Mark Youngkin schedules overex. w/ BC
01/04/94	BC	215	1.8	3827	\$84.72	conversation with SH, review 12/22/93 workplan, conversation with Mike and conversation with M. Youngkin
01/05/94	BC	210	3.8	3827	\$185.35	witness soil sampling
01/05/94	BC	215	0.2	3827	\$9.41	conversation with SH
01/05/94	SH	215	0.4	3827	\$20.34	talked to BC re: overexcavation
01/06/94	BC	210	3.8	3827	\$185.35	witness sampling
01/06/94	SH	215	0.4	3827	\$20.34	talked to BC re: status of overexcavation
01/10/94	BC	210	4.	3827	\$194.76	witness soil sampling
01/11/94	BC	215	0.2	3827	\$9.41	conversation with S. Hug
01/20/94	SH	212	0.5	3827	\$25.42	talked to Mark Youngkin (TMC) re: status of overexcavation & Sherwin Williams (adjacent site) contamination
01/24/94	SH	212	0.2	3827	\$10.17	talked to Mark Youngkin re: status
01/26/94	SH	211	2.5	3827	\$134.91	on site for sampling
01/26/94	SH	212	0.4	3827	\$20.34	talked to Mark Youngkin re: sump removal
01/27/94	SH	210	1.5	3827	\$84.06	on site visit, overexcavation
04/28/94	SH	212	0.5	3827	\$25.42	talked to Mark Youngkin re: UST removal reports. further work required
05/04/94	SH	212	1.5	3827	\$76.26	meeting with Mark Youngkin re: results of the ugt removal, further work required at teh site
05/04/94	SH	215	1.	3827	\$50.84	review reports on UGT closure
05/16/94	SH	212	0.2	3827	\$10.66	call from Larry Mencin re: status of UGT removal
01/09/95	SH	82	1.	3827	\$53.31	site search by Bob Solotar(LF)

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # _____ Site Name Rifkin Property Today's Date 12/9/94

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address _____

City Emeryville Zip 94608 Phone _____

___ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(i)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
Semi-annual groundwater
One time soils
 - 3) Daily Vadose
One time soils
Annual tank test
 - 4) Monthly Groundwater
One time soils
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/groundwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank testing
 - 8) Annual Tank Testing
Daily inventory
 - 9) Other _____

- ___ 7. Precis Tank Test 2643
Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing 2646
- ___ 10. Ground Water. 2647

- New Tanks
- ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submit 2711
Date: _____
 - ___ 14. As Built 2635
Date: _____

Comments:

In Situ:
 Meeting w/ Mark Youngkin
 (TMC) -

5 MWs to be installed

3 MWs on the sidewalk
 installation completed today.

2 wells inside the bldg
 will be installed Monday
 12/12/94.

Continue quarterly monitoring
 of the wells.

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: Susan J. Hugo

II, III

NOTES TO FILE
SITE 3827
RIFKIN INVESTMENT CO.
4549 HORTON STREET
EMERYVILLE
ALAMEDA COUNTY

I received a call from Frank Satterwhite (510-727-0282) who has been appointed by the court to be the receiver for this property. He has requested that all invoices/communication be sent to him at 3220 Monika Lane, Hayward, CA, 94541. Apparently, foreclosure proceedings/litigation is currently going on and Harvey Rifkin is not able to do anything in connection with this property.

SUSAN HUGO -

Please update the quarterly report with the following information:

Rifkin Investment Company
c/o Frank Satterwhite, Receiver
3220 Monika Lane
Hayward, CA 94541

Done 10/19/94

10-14-94

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

To: <i>Scott / Susan</i>	From: <i>Har</i>
Co.	Co.
Dept.	Phone #
Fax # <i>510-337-9335</i>	Fax #

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

2101 WEBSTER STREET, Suite 500
OAKLAND, CA 94612
Tel: (510) 286-1255
FAX: (510) 286-1380

ALCO
HAZMAT

SN NOV -7 PM 3:49



Mr. Dave Gustafson, Director
The Sherwin-Williams Co.
101 Prospect Avenue, N. W.
Cleveland, Ohio 44115-1075

November 4, 1994
File No.: 2223.09 (SA)
NBT Case File


Subject: Rifkin Property, 4525-4563 Horton Street, Emeryville, Alameda County.

Dear Mr. Gustafson:

This is in response to your letter, dated October 26, 1994, regarding pollution at the subject property that migrated from the Sherwin-Williams facility. I understand Board staff met with you on October 21, 1994 to discuss the issues pertaining to the subject site. Staff reviewed the letter and concur with the general scope of the plan. As discussed at the meeting, the plan is a short-term contingency measure to prevent any further migration of the pollution, at the subject site, after completion of the slurry wall on the Sherwin-Williams property. The final remedial action, for the pollution at the subject property, will be based on a feasibility study considering the possible remedial alternatives.

Please contact Sumadhu Arigala at (510) -286-0434, if you have any questions regarding this letter.

Sincerely,
Steven Ritchie,
Executive Officer



Stephen Morse,
Chief, Toxics Cleanup.

CC: Ms. Susan Hugo
ACDEH
1131 Harbor Bay Parkway
Alameda, CA 94501

Mr. Mark Knox
Levine-Fricke
1900 Powell Street, 12 th Floor
Emeryville, CA 94608

Records Organize Go To Exit
SITENAME UNKNOWN CASENO.# RBFILENO 01-1563
STREETNO 4543 STREET HORTON ST HOW DISCOVERED TC
CITY EMERYVILLE ZIP DISCVRDATE 12/06/88
COUNTY 01 LOCALAGENCY 01000 MOPNO HOWSTOPPED CT STOPDATE 12/06/88
PRIORITY X: XXXXX Y:XXXXX LAT:XXXXX LON:XXXXX LEAKSOURCE T LEAKCAUSE F

ENTERDATE 00/00/00 REVIEWDATE 08/24/94 CORRDATE 12/06/88 RPTDATE 12/06/88
UPDATE REVSTAT C STAFF KLG FUNDING F NO.WELLS:1 PILOTPRPGM Y

PRIM SUB 12036 SEC SUB MAXSOIL 370 MAXGW 7400
MAXBENZENE 0 BENZENE 0 GWDEPTH 9.5 CASETYPE O STATUS 3B

DATE 1 00/00/00 DATE3A 00/00/00 DATE3B 00/00/00 DATE5C 00/00/00
DATE5R 00/00/00 DATE 7 00/00/00 DATE 8 00/00/00 DATE 9 00/00/00

INTERIM N INTERIMDATE 00/00/00 ABATEMETHOD NT LEADAGENCY L

CASELIST FUEL ENFORCETYPE 0 ENFORCEDATE 00/00/00 RPSEARCH S

COMMENT SENT FILE TO LOP 8/94

Edit CD:\fuels\FUELDB Rec 1750/2127 File NumCaps

*possibly same
as 4549 Horton*

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# 3827 Site Name Ripkin Investment Today's Date 1/27/94
 Site Address 4549 Horton St. EPA ID# _____
 City Emeryville Zip 94608 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/> | | |
| ___ | 6. Records | 66492 |
| ___ | 7. Correct | 66484 |
| ___ | 8. Copy sent | 66492 |
| ___ | 9. Exception | 66484 |
| ___ | 10. Copies Rec'd | 66492 |
| <hr/> | | |
| ___ | 11. Treatment | 66371 |
| ___ | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| ___ | 13. Ex Haz. Waste | 66570 |
| <hr/> | | |
| ___ | 14. Communications | 67121 |
| ___ | 15. Aisle Space | 67124 |
| ___ | 16. Local Authority | 67126 |
| ___ | 17. Maintenance | 67120 |
| ___ | 18. Training | 67105 |
| <hr/> | | |
| ___ | 19. Prepared | 67140 |
| ___ | 20. Name List | 67141 |
| ___ | 21. Copies | 67141 |
| ___ | 22. Emg. Coord. Trng. | 67144 |
| <hr/> | | |
| ___ | 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:

on site:

Over excavation completed in the area of the former USTs removed 1988. Verification samples collected.

Installed an observation well in the pit.

Pumped groundwater.

Reports to yellow.

IB TRANSPORTER (Title 22)

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

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: _____

Susan L. Huges

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # 3827 Site Name Rifkin Ind. (removal) Today's Date 26, 94

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan 57 days 25503(b)
- 3. RR Cars Information 25503.7
- 4. Inventory Complete 25504(a)
- 5. Inventory Response 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Decontamination 25505(a)
- 9. M... 25505(b)

Site Address 4549 HORTON ST.
 City Emeryville Zip 94608 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

II.B ACUTE HAZ MATS

- 1. Registration Form Filed 25533(a)
- 2. Form Complete 25533(b)
- 3. RMPP Contents 25534(c)
- 4. Implement Sch. Req'd? (Y/N)
- 5. Off-Site Conseq. Assess. 25524(c)
- 6. Probable Risk Assessment 25534(d)
- 7. Persons Responsible 25534(e)
- 8. Certification 25534(f)
- 9. Exemption Request? (Y/N) 25536(b)
- 10. Trade Secret Requested? 25538

10:30 - 12:00 (20 miles)

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose Semi-annual groundwater One time soil
 - 3) Daily Vadose One time soil Annual tank test
 - 4) Monthly Groundwater One time soil
 - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
 - 6) Daily Inventory Annual tank testing Cont pipe leak det
 - 7) Weekly Tank Gauge Annual tank testing
 - 8) Annual Tank Testing Daily Inventory
 - 9) Other _____

- 7. Precip Tank Test 2643 Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access. Secure 2634
 - 13. Plans Submit 2711 Date: _____
 - 14. As Built 2635 Date: _____

Comments:

On-site over excavation in the area of the former USTs removed in 1988.
Met Mark Edwards on site.
Over excavating in the area of the 2 USTs removed in 1988 & collecting verification samples. The MU near the pit had been abandoned. This will be replaced.
So far low or non detect petroleum hydrocarbon in the samples collected. Results Lab on site.

Rev 6/88

II, III

Contact: _____
 Title: _____
 Signature: _____

Inspector: _____
 Signature: Judson L. King

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 Rifkin Prop Today's Date 1/10/94
 Site Address 4549 Horton EPA ID# _____
 City Emeryville Zip 94608 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)**
- ___ 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
-
- Contn. Agency**
- ___ 19. Prepared 67140
 - ___ 20. Name List 67141
 - ___ 21. Copies 67141
 - ___ 22. Emg. Coord. Trng. 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

- I.B TRANSPORTER (Title 22)**
- ___ 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

Comments:

TMC crew + BA Tank removal present
 A+H vacuuming out GW
 Bldg ⁰ _{call} apart utility utility line N
 Telephone pole Horton

Still noticeable odors in saturated soils, all spoils saturated
 2 pipes remaining in North wall & 1 in SW corner
 Geochem mobile lab present
 GW encountered a 11", west wall a 10-11" can
 see oil seeping into pit.
 Results from prior "gas" overexcavation indicated
 high contamination on west wall. ∴ additional
 excavation & spoils performed on Friday.
 Free product visible in water
 intend to square pit, take sidewall spile allow
 water to rechg + sample water, May put a slotted
 PVC casing w/ pit to extract from
 7-15 galder drums from w/i warehouse
 sucked out. Drums were labeled Steam Cleaning
 water. from CPT (one penetrometer test) -
 Cowlynn Owens (Churin) 7/16/93 contact

Rev 6/88

Contact: _____
 Title: _____ Inspector: B Chan
 Signature: _____ Signature: _____

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 Ryker Prop Today's Date 1/10/94
 Site Address 4549 Horton EPA ID# _____
 City Emeryville Zip 94 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

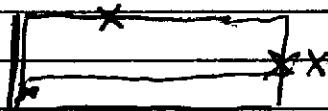
The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A GENERATOR (Title 22)

- | | | |
|-------------------|-----------------------------|---------|
| Manifest | 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 |
| Contin. Agency | 19. Prepared | 67140 |
| | 20. Name List | 67141 |
| | 21. Copies | 67141 |
| | 22. Emg. Coord. Trng. | 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:

When lids from 2 drums removed, several holes (1/2") produced.
 Tested water pH ranged from 9-12, possibly accounting for corrosion. All drums were unlined. H&H vacuumed out all 7 drums pit excavated to ~11'9", again west wall at GW is darkly stained w/ oil + GW has #P floating. Bldg → N



Spills: blue gray saturated soil:
 west wall ~10', north wall ~8' highly visible, contain
 north wall ~5' no visible odor, south wall ~7' considerable
 H&C odor, @ 5' no noticeable odor.

Went back to get a slide hammer + 2" slotted PVC casing to rent in center of pit. Went east wall with slide hammer.
 Will fax results to office ASAP.

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: BChan

Signature: _____

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 Riffin Investment Co Today's Date 1-5-94
 Site Address 4549 Horton St EPA ID# _____
 City Emeryville Zip 94608 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)

- | | | |
|-------------------|-----------------------------|---------|
| 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 |
| Contn. Agency | 19. Prepared | 67140 |
| | 20. Name List | 67141 |
| | 21. Copies | 67141 |
| | 22. Emg. Coord. Trng. | 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:

1500 gallons (clean) diesel
gasoline
250 g. by previous pulled tanks
diesel tank
 Horton St
 Baytron Tank Removal crew & TMC crew present. Jim Ghigliotto, Jim Edwards + Tony. Since prior results w/ N + S directions were NO, will excavate + resample in the W, E + bottom pit approx 3.5' x 6' x 8'. Soils are moist black clay w/ black staining due to hydrocarbon contamination (?), GW encountered @ ~10.5'. 1 spcl taken from bottom of pit w/ sat'd soil ~10.5' - 11'. 1 spcl taken from east wall " " " ~ 9.0'. 1 spcl " " west " " " " ~ 8.5'. 1 " " " north " " " " 9.0'. Geotech mobile lab present to run spcls (408) 955-9988 (T. Marone). Agrab-GW spcl taken also.

IB 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's | 40. Name/ Covers | 66545 |
| | 41. Recyclables | 66800 |

Contact: _____
 Title: _____ Inspector: _____
 Signature: _____ Signature: _____



Geochem ENVIRONMENTAL LABORATORIES

Mobile & In-House Laboratories Certified by State of California
Phone: (408) 955-9988 / FAX: (408) 955-9539

FAX TRANSMISSION

DATE: 12/2/93

TO: TOM EDWARDS

FROM: ED LOZANO
GEOCHEM ENVIRONMENTAL LABORATORIES

REGARDING: 4525 HORTON

TOTAL PAGES 3 (INCLUDING THIS COVER SHEET), PLEASE CONTACT
ED OR TOM AND THEY WILL HELP YOU WITH ANY DISCREPANCIES
AT (408)955-9988, THANKS !

780 Montague Expressway, Suite 404, San Jose, CA 95131

GEOCHEM ENVIRONMENTAL LABORATORIES

E.P.A. 7420 / E.P.A. 418.1

DATE: 12/2/93

CHEMIST: ED et al.

CLIENT: B-A-T-R. # 9280

EXTRACTION SOLVENT: FREON SAMPLE MATRIX: soil

Sample I.D.	Water ml.	Solid gm.	Ext. ml.	Dilu. Df/Di	Reading	Conc. mg/lmg/kg
N 5Pc		10.60	30	30/2	4.9	208
S 5Pc		9.90	↓	30/2	18.7	850
# 1 S		10.30	↓		1.2	3
# 1 N		10.19	↓		0.9	3
# 1 EW		9.73	↓		1.4	4
# 1 NW		10.74	↓		1.6	4
# 5W		10.93	↓		1.5	4
# 2 B	10.10	10.10	↓	30/1	55.0	4901
# 2 NW	10.5	10.5	↓		2.0	6

$C = \frac{R \cdot V \cdot D}{W}$
 C = ng/kg = ng petro. / kg sample
 R = ug/ml = NDIR reading
 V = ml = total volume of extraction
 D = Df/Di = dilution factor
 W = gm = weight of sample

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # _____ Site Name _____ Today's Date 11/25/93

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 4525 HORTON ST
 City EMERYVILLE Zip 94608 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
 - 1) Monthly Test ↑ N
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose
 - One time soils
 - Annual tank test
 - 4) Monthly Groundwater
 - One time soils
 - 5) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - Vadose/gndwater mon.
 - 6) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - 7) Weekly Tank Gauge
 - Annual tank testing
 - 8) Annual Tank Testing
 - Daily Inventory
 - 9) Other 750 Gal Heating Fuel

- ___ 7. Precs Tank Test
 - Date: _____ 2643
- ___ 8. Inventory Rec. 2644
- ___ 9. Sol Testing 2646
- ___ 10. Ground Water. 2647

- New Tanks
- ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submit 2711
 - Date: _____
 - ___ 14. As Built 2635
 - Date: _____

Comments: Manifest for UGTs # 92219762
George Warren - Emeryville Fire Dept. on site
 #1 1-Heating Fuel Tank LEL=0 @ 02-1%
1500 Gallon - tank is corroded, rusty
specially the seams, obvious holes
Excavation pit - no groundwater - but 2 lines
must be plugged permanently.
 #2 1-750G gasoline tank removed no lines
associated w/ this tank just the fill,
tank had holes, corroded, rusty
utility line (water) on top 2 samples collected
 #3 1-1500 gallon - heating fuel tank LEL=
02-
tank had holes/seams open at both ends
of the tank; tank had a lot of holes
=SEWER LINE= on top of the tank, had to
cut to be able to remove the tank.
no sample taken due to
sewer line support & water
in the pit.

II, III

Contact: _____

Title: _____

Signature: _____

Inspector: _____

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 Inspection Form

II, III

page 4

Site ID # _____ Site Name Rifkin Business Properties Today's Date 25, 93
 Site Address 4525 HORTON ST. / 45249 HORTON ST
 City Emeryville Zip 94608 Phone _____
 MAX AMT stored > 500 lbs, 55 gal ~~200 cys~~ 0 ~~0~~ ~~0~~ N
11:30-5:00 *1500 Horton St* *1500 Horton St*

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Inspection Categories:

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

3 UGAs Removed *former tanks removed*
2 tanks removed

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C) Today.

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Rec'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Gndwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank test |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| | ___ 7. Precs Tank Test 2643 |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing 2646 |
| ___ 10. Ground Water. 2647 | |
| New Tanks | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access. Secure 2634 |
| | ___ 13. Plans Submit 2711 |
| | ___ 14. As Built 2635 |

Comments:

George Warren - City of Emeryville Fire Dept
Tanks hauled by He/H under manifest on site
9 2219762
Mobile Lab on site - GeoChern Environmental
Tank #1 150G Heating Fuel tank LEL=0, 0=1%
tank had holes; corroded rusty especially
oil seams. No groundwater present, bottom of
the tank at 8 ft bgs. 2 urine vent & produce must
be summarily plugged. bottom soil sample
collected at approx (9 ft bgs). sidewall sample
collected. Soil staining present
Strong HC odor
Tank #2 95G gasoline tank removed no
lines associated w/ this tank except the fill and
tank had holes corroded rusty; utility line (water)
on top of the south end of tank; no groundwater
present. One bottom soil sample collected
strong staining; smells like paint thinner
one line on sidewall next to bldg.
one sidewalk north end of tank collected

II, III

Contact: _____
 Title: _____
 Signature: _____

Inspector: _____
 Signature: Susan L. Fugy

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 Inspection Form

II, III

Page 2

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

II.B ACUTELY HAZ MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25534(b)
- ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|--|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose |
| | Semi-annual groundwater |
| | One time soils |
| | 3) Daily Vadose |
| | One time soils |
| | Annual tank test |
| | 4) Monthly Groundwater |
| | One time soils |
| 5) Daily Inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| Vadose/gndwater mon. | |
| 6) Daily Inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| 7) Weekly Tank Gauge | |
| Annual tank testing | |
| 8) Annual Tank Testing | |
| Daily Inventory | |
| 9) Other | |
| New Tanks | ___ 7. Precs Tank Test 2643 |
| | Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing 2646 |
| ___ 10. Ground Water. 2647 | |
| ___ 11. Monitor Plan 2632 | |
| ___ 12. Access. Secure 2634 | |
| ___ 13. Plans Submit 2711 | |
| Date: _____ | |
| ___ 14. As Built 2635 | |
| Date: _____ | |

Site ID # _____ Site Name Rifkin Business Properties Today's Date 11/25/93

Site Address 4525 Horton / 4549 Horton St

City Emeryville Zip 94608 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Tank #3 1500 gal heating fuel LEL 902 approved by Fire Dept.
 tank had holes; seams open at both ends of the tank; tank had lots of holes
 sewer line on top of the tank; had chamber on site to cut the line & replace after tank was removed
 Tank's corroded, rusty. Water from sewer line collected in the pit, but it appears no ground water is present.
 Strong staining;
 No sample collected will come back due to exposure installed for the replaced sewer line & the water in the pit. Before any over excavation is done, must collect 2 bottom soil samples, one from each end of the tank

II, III

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: James L. Key

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
DEPOSIT / REFUND ACCOUNT SHEET

SITE INFORMATION

Commercial Property
4525 Horton St
Emeryville 94608
Site Contact:
Site Phone :

StID: 4407 Site#: 2345
PROJECT#: 2345A
PROJECT TYPE: R
INSP: -- LOP PROGRAM
ACCT. SHEET PG #: _____

PROPERTY OWNER INFORMATION

Owner Contact:
Owner Phone :

CONTRACTOR INFORMATION

Bay Area Tank Removal
254 Clara St
San Francisco CA 94107 #709
Contr. Contact:
Contr. Phone : 415-543-2255

Date	Action Taken	Time		Hours Spent/ Depstd	Hour Balnce	Money Spent/ Depositd	Money Balance
		In	Out				
	Balance from Prev. Page	
	Rcpt# 704545						
10/26/93	Deposit of \$714.00 @ \$75/hour			+9.52			
11/10/93	Review UGT removal	10:30	12:00	1.50			
	Application						
11/25/93	UST removal	11:30	2:00	0.5			
	Transfer to LOP						

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : Suzanne L. Hays ATTACH: State Forms A, B & C
 Billing Adjustment*
DATE OF COMPLETION : 11/25/93 DATE SENT TO BILLING: _____
TOTAL COST OF PROJECT: _____ REFUND AMOUNT: _____ Rev. 1/93

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

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE
			<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
			<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: _____

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # unk.	B. MANUFACTURED BY: unk.
C. DATE INSTALLED (MO/DAY/YEAR) unk.	D. TANK CAPACITY IN GALLONS: 1,500

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input checked="" type="checkbox"/> 4 OIL	B. <input type="checkbox"/> 80 EMPTY
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 95 UNKNOWN	<input checked="" type="checkbox"/> 1 PRODUCT
<input type="checkbox"/> 3 CHEMICAL PRODUCT		<input type="checkbox"/> 2 WASTE

C. 1a REGULAR UNLEADED 3 DIESEL 6 AVIATION GAS
 1b PREMIUM UNLEADED 4 GASAHOL 7 METHANOL
 2 LEADED 5 JET FUEL 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED **Heating Oil** C. A. S. #: _____

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER

B. TANK MATERIAL (Primary Tank) <input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
		<input type="checkbox"/> 99 OTHER

C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN
		<input type="checkbox"/> 4 PHENOLIC LINING
		<input type="checkbox"/> 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION <input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN
		<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
		<input type="checkbox"/> 99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER

D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
---	--	---

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Stephen J. Stuart	DATE 10-26-93
---	----------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: _____

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN	
A. OWNER'S TANK I.D. # unk.	B. MANUFACTURED BY: unk.
C. DATE INSTALLED (MO/DAY/YEAR) unk.	D. TANK CAPACITY IN GALLONS: 500

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.			
A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input checked="" type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED Heating Oil			C. A. S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E				
A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN	
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER	
B. TANK MATERIAL (Primary Tank)	<input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS	<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING	<input type="checkbox"/> 4 PHENOLIC LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___				
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) _____		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____	

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U UNDERGROUND, BOTH IF APPLICABLE				
A. SYSTEM TYPE	<input checked="" type="checkbox"/> A U 1 SUCTION	<input type="checkbox"/> A U 2 PRESSURE	<input type="checkbox"/> A U 3 GRAVITY	<input type="checkbox"/> A U 99 OTHER
B. CONSTRUCTION	<input checked="" type="checkbox"/> A U 1 SINGLE WALL	<input type="checkbox"/> A U 2 DOUBLE WALL	<input type="checkbox"/> A U 3 LINED TRENCH	<input type="checkbox"/> A U 95 UNKNOWN <input type="checkbox"/> A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	<input type="checkbox"/> A U 1 BARE STEEL	<input type="checkbox"/> A U 2 STAINLESS STEEL	<input type="checkbox"/> A U 3 POLYVINYL CHLORIDE (PVC)	<input type="checkbox"/> A U 4 FIBERGLASS PIPE
	<input type="checkbox"/> A U 5 ALUMINUM	<input type="checkbox"/> A U 6 CONCRETE	<input type="checkbox"/> A U 7 STEEL W/ COATING	<input type="checkbox"/> A U 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> A U 9 GALVANIZED STEEL	<input type="checkbox"/> A U 10 CATHODIC PROTECTION	<input checked="" type="checkbox"/> A U 95 UNKNOWN	<input type="checkbox"/> A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

V. TANK LEAK DETECTION				
<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION		
1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Stephen J. Stuart <i>Stephen J. Stuart</i>	DATE 10-26-93
---	-------------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW				
STATE I.D. #	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE		



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME Commercial		NAME OF OPERATOR		
ADDRESS 4525 Horton Street		NEAREST CROSS STREET 45th St	PARCEL # (OPTIONAL)	
CITY NAME Emeryville		STATE CA	ZIP CODE 94608	SITE PHONE # WITH AREA CODE
<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> CORPORATION	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> LOCAL-AGENCY DISTRICTS
	<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> STATE-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
TYPE OF BUSINESS <input type="checkbox"/> 1 GAS STATION <input type="checkbox"/> 2 DISTRIBUTOR <input type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input checked="" type="checkbox"/> 5 OTHER		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE 2	E. P. A. I. D. # (optional)

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST) Youngkin, Mark	PHONE # WITH AREA CODE (510) 232-8366	DAYS: NAME (LAST, FIRST) McManus, Randy	PHONE # WITH AREA CODE (415) 543-2255
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME Harvey Rifkin	CARE OF ADDRESS INFORMATION Frank Satterwhite as Receiver		
MAILING OR STREET ADDRESS 3220 Monika Lane	<input checked="" type="checkbox"/> box to indicate	<input checked="" type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME Hayward	<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
	<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
STATE CA	ZIP CODE 94541	PHONE # WITH AREA CODE (510) 727-0282	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER Same as II above.	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS	<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME	<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
	<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
STATE	ZIP CODE	PHONE # WITH AREA CODE	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ **44** - [] [] [] [] [] [] [] []

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. II. III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Stephen J. Stuart	APPLICANT'S TITLE Administrative Clerk	DATE MONTH/DAY/YEAR 10-26-93
--	--	--

LOCAL AGENCY USE ONLY

COUNTY # [] []	JURISDICTION # [] [] []	FACILITY # [] [] [] [] [] []
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: _____

I. TANK DESCRIPTION <small>COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN</small>	
A. OWNER'S TANK I. D. # unk.	B. MANUFACTURED BY: unk.
C. DATE INSTALLED (MO/DAY/YEAR) unk.	D. TANK CAPACITY IN GALLONS: 1,500

II. TANK CONTENTS <small>IF A-1 IS MARKED, COMPLETE ITEM C.</small>			
A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input checked="" type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED Heating Oil		C. A. S. #: _____	

III. TANK CONSTRUCTION <small>MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E</small>			
A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		<input type="checkbox"/> 4 PHENOLIC LINING
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) _____		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION <small>CIRCLE A IF ABOVE GROUND OR U UNDERGROUND, BOTH IF APPLICABLE</small>			
A. SYSTEM TYPE	A U <input checked="" type="checkbox"/> 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY
	<input type="checkbox"/> 99 OTHER		
B. CONSTRUCTION	A U <input checked="" type="checkbox"/> 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH
	<input type="checkbox"/> 99 OTHER		
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 8 100% METHANOL COMPATIBLE W/FRP
		<input checked="" type="checkbox"/> 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING
			<input type="checkbox"/> 99 OTHER

V. TANK LEAK DETECTION				
<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION		
1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Stephen J. Stuart	DATE 10-26-93
--	-------------------------

LOCAL AGENCY USE ONLY <small>THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW</small>				
STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE		

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

Yank removed 11/25/93 SH



STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME Commercial		NAME OF OPERATOR		
ADDRESS 4549 Horton Street		NEAREST CROSS STREET 45th St	PARCEL # (OPTIONAL)	
CITY NAME Emeryville		STATE CA	ZIP CODE 94608	SITE PHONE # WITH AREA CODE
<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> CORPORATION	<input checked="" type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> LOCAL AGENCY DISTRICTS
	<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> STATE-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
TYPE OF BUSINESS		<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM
	<input type="checkbox"/> 4 PROCESSOR	<input checked="" type="checkbox"/> 5 OTHER	<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE 1
E. P. A. I. D. # (optional)				

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) Youngkin, Mark	PHONE # WITH AREA CODE (510) 232-8366	DAYS: NAME (LAST, FIRST) McManus, Randy	PHONE # WITH AREA CODE (415) 543-2255
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME Harvey Rifkin	CARE OF ADDRESS INFORMATION Frank Satterwhite as Receiver		
MAILING OR STREET ADDRESS 3220 Monika Lane	<input checked="" type="checkbox"/> box to indicate	<input checked="" type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME Hayward	<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
	<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
STATE CA	ZIP CODE 94541	PHONE # WITH AREA CODE (510) 727-0282	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER Same as II above.	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS	<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME	<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
	<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
STATE	ZIP CODE	PHONE # WITH AREA CODE	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ **44** -

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. II. III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Stephen J. Stuart <i>[Signature]</i>	APPLICANT'S TITLE Administrative Clerk	DATE MONTH/DAY/YEAR 10-26-93
---	--	--

LOCAL AGENCY USE ONLY

COUNTY # <input type="text"/> <input type="text"/>	JURISDICTION # <input type="text"/> <input type="text"/>	FACILITY # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

California

13908 San Pablo Avenue
Suite 101
San Pablo, California 94806
(510) 232-8366 FAX (510) 232-5133



Oregon

570 West Sixth Avenue
Suite A
Eugene, Oregon 97401
(503) 342-6606 FAX (503) 342-1652

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

STAD 3827

Attention: Ms. Madhula Logan
Date: November 15, 1993
Subject: Rifkin Realty Partners Site
4543 and/or 4549 Horton Street
Emeryville, California 94608

Dear Ms. Logan,

TMC Environmental, Inc. (TMC) is requesting an appointment to review the case files concerning the above site. TMC understands that a fee will be charged for reviewing the files. TMC has been authorized by Mr. Frank Satterwhite, Receiver for the property, to remove underground storage tanks and remediate soil contamination at the site of former underground tanks. TMC will be submitting a workplan for the remediation of contamination following the review of agency case files.

A review of the files at the Regional Water Quality Control Board (RWQCB) has been completed. The RWQCB file room contains two files for the same underground tank case. RWQCB file 1240 is listed as an unknown site name for address 4549 Horton. RWQCB file 1563 is listed as Rifkin Partners Reality at 4543 Horton. Review of the files indicates that two tanks were removed from 4543 Horton by Safety Specialists, Inc. \Tank Excavators in 1988. Subsequently, a monitoring well, MW-1, was installed at 4549 Horton. Please provide any information concerning this UST case on file with your agency...

I will be reviewing the files. You can contact me at 510-232-8366 or 510-232-5133 FAX to arrange an appointment.

Sincerely
TMC Environmental, Inc.
Mark Youngkin
Mark Youngkin
California Registered Geologist No. 3888

*Sherwin Williams adjacent site. may have
arsenic contamination*

"An Environmental Management Company"

Pos: brand fax transmittal memo 7671		# of pages: 2
To: Susan Hugo	From:	
Co: Alameda Co	Co:	
Dept:	Phone #	
Fax #: 510-529-4751	Fax #	

IN CASE OF EMERGENCY DIAL 911

Nearest Hospital: See map in rear

Oakland Children's Hospital Emergency
747 52nd Street
Oakland, CA 94609

Please Print Name

Signature

488

490

488

500



**ALAMEDA COUNTY HEALTH CARE SERVICE AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320**

*Send to: submit
D Emergency phone #
D Hospital
Horms B for
the double head
Approved by
City of
W/ [unclear]
[unclear]*

*SUSAN L. HUGO
* STID 3827*

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200,
Oakland, CA 94621
Telephone: (510) 271-4320

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction. One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal. Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a) permit to operate, b) permanent site closure is dependant on compliance with accepted plans and all applicable laws and regulations.

***THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS**

Contact Specialist:

*Susan L. Hugo
11/10/93*

UNDERGROUND TANK CLOSURE PLAN

Complete according to attached instructions * * *

1. Business Name Commercial Property
Business Owner _____

2. Site Address 4549 Horton Street
City Emeryville, CA Zip 94608 Phone _____

3. Mailing Address 3220 Monika Lane
City Hayward, CA Zip 94541 Phone (510)727-0282

4. Land Owner Harvey Rifkin
Address 300 Brannan St #309 City, State S.F., CA Zip 94107

5. Generator name under which tank will be manifested _____
Harvey Rifkin

EPA I.D. No. under which tank will be manifested CAC-000-896208

6. Contractor Bay Area Tank Removal, Inc.
Address 254 Clara Street
City San Francisco, CA 94107 Phone (415) 543-2255
License Type* Gen A-HAZ ID# 672323

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant TMC Environmental
Address 13908 San Pablo Avenue, Suite 101
City San Pablo, CA 94806 Phone (510) 232-8366

8. Contact Person for Investigation
Name Randy McManus Title Foreman
Phone (415) 543-2255

9. Number of tanks being closed under this plan 13 ✓
Length of piping being removed under this plan _____
Total number of tanks at facility 13 ✓

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter
Name H & H Environmental EPA I.D. No. CAD-000-477168
Hauler License No. _____ License Exp. Date _____
Address 220 China Basin
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site
Name Same as 10a) EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name Same as 10a) EPA I.D. No. _____
Hauler License No. _____ License Exp. Date _____
Address _____
City _____ State _____ Zip _____

d) Tank and Piping Disposal Site

Name Same as 10a) EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

11. Experienced Sample Collector

Name Tracy Wallace
Company Bay Area Tank Removal
Address 254 Clara Street
City San Francisco State CA Zip 94107 Phone (415) 543-2255

12. Laboratory

Name Geochem Environmental Laboratories
Address 780 Montague Expressway, Suite 404
City San Jose State CA Zip 95131
State Certification No. DOHS # 1833

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

Dry Ice 15-30lbs./1000 gal

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1,500 g <i>3 UGTS</i>	storage of heating oil <i>maybe heating oil</i>	Soil Ground h2o if present	One sample at each end of tank.

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan
10 yards	1 sample

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Benzene Toluene Ethyl Benzene Total Xylenes <i>TPH gasoline</i> <i>TPH Diesel</i>	EPA Method No 8020		5 ug/kg
Petroleum Hydro-Carbons	EPA Method No 8015		1 mg/kg

17. Submit Site Health and Safety Plan (See Instructions)

Mobile Lab. will be on site per your request 11/15/93

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Fund

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

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 understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. 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.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Jim Tracy

Signature [Handwritten Signature]

Date 10/25/93

Signature of Site Owner or Operator

Name (please type) Frank Satterwhite as Receiver

Signature [Handwritten Signature]

Date 10/25/93

STATE OF CALIFORNIA
STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD



Building Quality



HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier: James Francis Tracy

License No.: 672323

Business Name: Bay Area Tank Removal, Inc.

WITNESS my hand and official seal this

3rd day of June, 1993

David R. Bell
Registrar of Contractors

131-56 12 91

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A 5713

State of California
Contractors State License Board

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

BAY AREA TANK REMOVAL INC



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

A - GENERAL ENGINEERING CONTRACTOR
C-8 - CONCRETE
HAZ - HAZARDOUS SUBSTANCES REMOVAL



Witness my hand and seal this day,
June 4, 1993

Issued June 3, 1993

David R Phillips
Registrar of Contractors

[Signature]
Signature of Licensee

[Signature]
Signature of License Qualifier

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

672323

License Number

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

NA

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 06-22-93

POLICY NUMBER: 1171898 - 93
CERTIFICATE EXPIRES: 06-22-94

CITY OF ALAMEDA
CENTRAL PERMIT OFFICE
2263 SANTA CLARA AVE.
ALAMEDA CA 94501

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 10 days' advance written notice to the employer.

We will also give you 10 days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.


PRESIDENT

EMPLOYER'S LIABILITY LIMIT: \$3,000,000.00 PER OCCURRENCE.

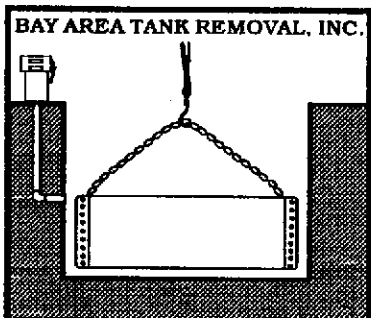
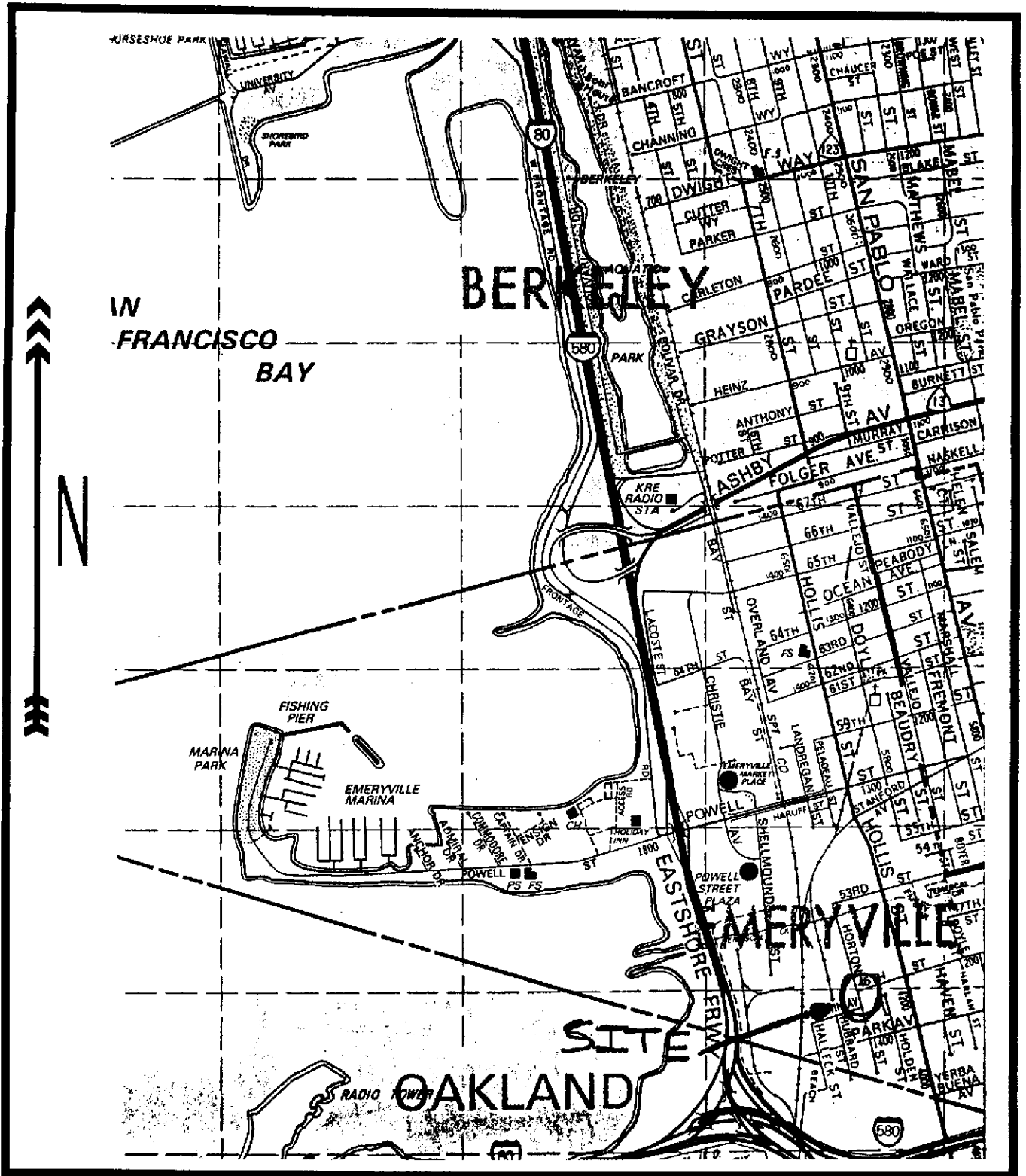
STANDARD EXCLUSION: INDIVIDUAL EMPLOYERS AND HUSBAND AND WIFE EMPLOYERS ARE NOT ELIGIBLE FOR BENEFITS AS EMPLOYEES UNDER THIS POLICY.

EMPLOYER

LEGAL NAME

BAY AREA TANK REMOVAL
254 CLARA STREET
SAN FRANCISCO CA 94107

JAMES FRANCIS TRACY

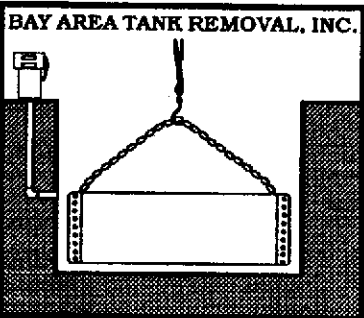
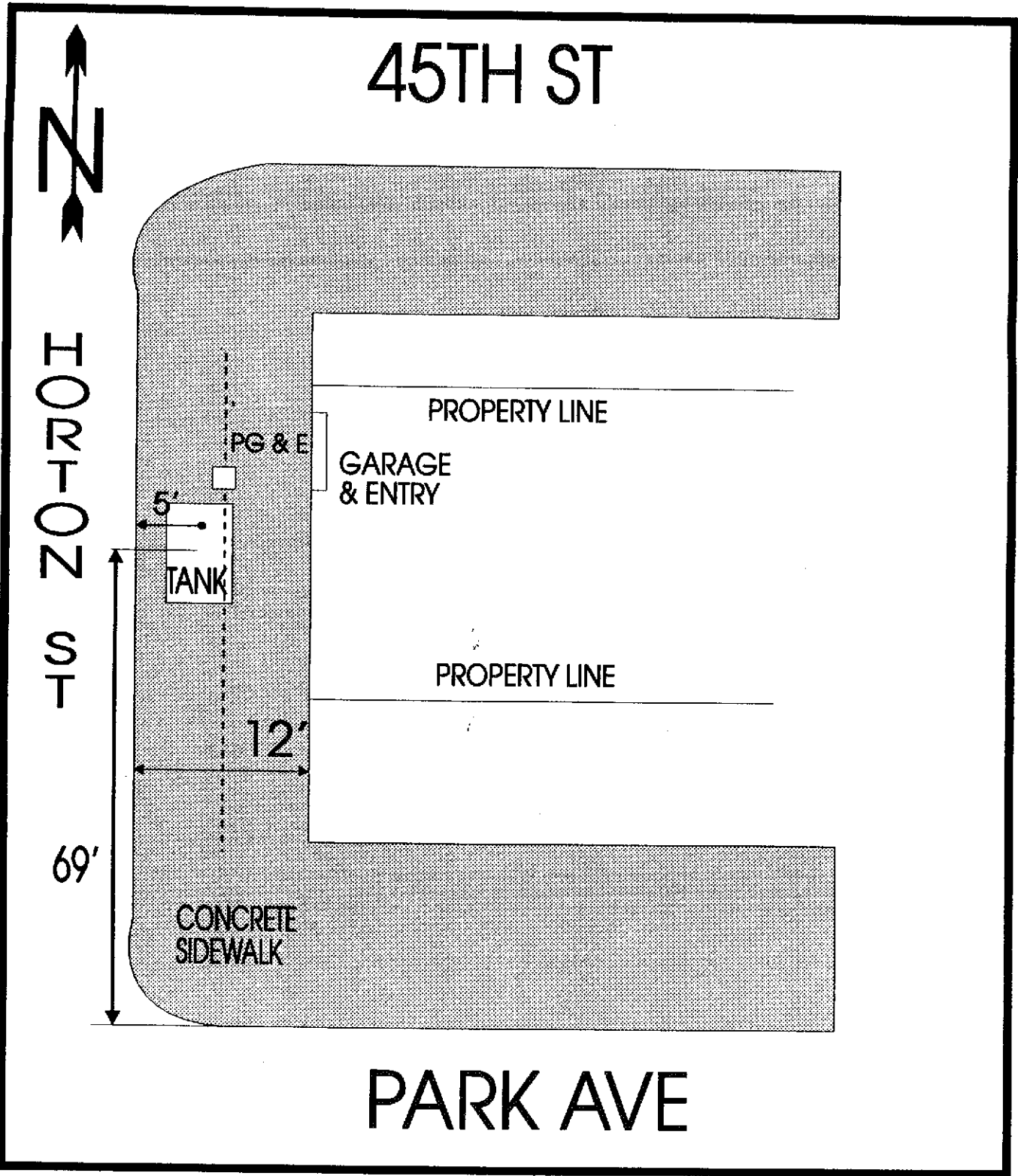


SITE VICINITY MAP

PLATE

Tank Removal Report
 4549 Horton Street
 Emeryville, California

1



SITE PLAN
Tank Removal Report

4549 Horton Street
 Emeryville, California

PLATE

2

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

November 8, 1993
STID # 3827

Mr. Harvey Rifkin
Rifkin Realty Partners
81 Lansing Street, Suite 707
San Francisco, CA 94105

**RE: Status of the Soil and Groundwater Investigation
4549 Horton Street, Emeryville, CA 94608**

Dear Mr. Rifkin:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the case file concerning the removal of two underground storage tanks in July and September of 1988 at the referenced site.

Soil samples collected during the removal of the 1,000 gallon gasoline tank in July 8, 1988 showed elevated levels of the following contaminants: 616 ppm TPH gasoline; 0.35 ppm benzene; 1.6 ppm toluene; 158 ppm xylene; 23 ppm ethyl benzene. Additionally, a 550 gallon gasoline tank (adjacent to the former 1000 gallon tank) was removed in September 30, 1988 and soil samples exhibited TPH gasoline as high as 41 ppm. One groundwater monitoring well MW-1 was installed in November 4, 1988 to determine if groundwater was impacted from the unauthorized release associated with the former tanks. Soil sample collected from the boring at 9-9.5 feet had 370 ppm TPH diesel and the groundwater sample showed 7,400 ppb TPH diesel and 53 ppb BTEX. Although MW-1 was sampled during four events (2/1/89, 4/25/89, 7/20/89, 11/22/89), groundwater gradient flow direction was never established at the site. The analytical results of the groundwater samples collected during the four monitoring periods indicated significant levels of contamination with the last sampling event (11/22/89) showing TPH gasoline (2,100 ppb), benzene (98 ppb), toluene (7 ppb), ethylbenzene (9 ppb) and xylene (16 ppb).

This office is in receipt of the permit application for the removal of three additional underground storage tanks - one tank located in the subject property and the other two tanks in the adjacent property at 4525 Horton Street.

Based upon this review process, the following items are issues that must be addressed regarding the status of the soil and groundwater investigation / remediation at the site:

Mr. Harvey Rifkin
RE: 4549 Horton Street, Emeryville, CA 94608
November 8, 1993
Pge 2 of 3

- 1) Further characterization is required to completely define the extent of the site plume. The "zero isoconcentration line" must be determined. Please submit a work plan to delineate the vertical and lateral extent of contamination at the site.
- 2) Sampling of groundwater monitoring wells at the site **must occur every quarter** which is the maximum sampling interval typically allowed when groundwater contamination is present. After four consecutive quarters of non detectable levels is achieved, the site will be evaluated for case closure recommendation. MW-1 must be sampled and analyzed for the following target compounds: TPH gasoline, TPH diesel, benzene, ethyl benzene, toluene and xylene. Any modification to the monitoring program must have prior approval from this office.
- 3) Groundwater gradient flow direction must be established at the site. Data from three well points are required to determine gradient flow direction. If only one or two wells are installed on site, every effort must be taken to evaluate and established gradient at the site.

Item #1 must be submitted to this office **no later than January 8, 1994.**

Until cleanup is complete, you will need to submit reports to this office **every three months** (or at a more frequent interval, if specified at any time by this office). In addition, the following items must be incorporated in your future reports or workplans :

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels

Mr. Harvey Rifkin
RE: 4549 Horton Street, Emeryville, CA 94608
November 8, 1993
Page 3 of 3


- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professional involved with the project.

Please be aware that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency.

If you have any questions concerning this letter, please contact me at (510) 271-4530.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Edgar B. Howell, Chief, Hazardous Materials Division / file
Gil Jensen, Alameda County District Attorney's Office
Rich Hiett, RWQCB, San Francisco Bay Region

REF./
A/C NO. R

COUNTY OF ALAMEDA
OFFICE OF THE AUDITOR-CONTROLLER

DATE: 10/26/93

MISCELLANEOUS RECEIPT

№ 704545

\$ 714⁰⁰/₁₀₀
DOLLARS

RECEIVED FROM: Bay Area Tank Removal. 254 CLARA ST. S.F. CA 94107 415) 543-2555

FOR: Commercial Property
4525 Horton St. Emeryville Ca 94608

RECEIVED BY: Juliette Adlene DEPT. NO.: 430

CASH PERSONAL/CASHIER'S CHECK/M. O. # 0682 OTHER: _____

110-1 (Rev 10/85) [0134E (08)] 3-Part Distribution: White - Payor Yellow & Pink - Depart.

BAY AREA TANK REMOVAL FIELD ACCOUNT		0682
254 CLARA ST (415) 543-2255 SAN FRANCISCO, CA 94107		October 26 19 93 11-35/1210 673
PAY TO THE ORDER OF <u>ALAMEDA COUNTY HAZ-MAT</u>		\$ <u>714⁰⁰</u>
<u>SEVEN HUNDRED FOURTEEN AND NO/100</u>		DOLLARS
Bank of America Pinole Branch 0673 1221 Tara Hills Drive Pinole, CA 94564		
MEMO _____		
⑆ 121000358⑆ 0682 ⑆ 06738 ⑆ 02819⑆		

**Alameda County Department of Environmental Health
Hazardous Materials Division**

80 Swan Way, Rm. 200, Oakland, CA 94621
Ph: 510-271-4320

BILLING FOR SERVICES

SID# 3927

A. Site Name Riffin Investment Phone _____
 Site Address 54549 Horton Emeryville
(If no address, description of area) Number Street City Zip
 Prior Business Name _____ Prior Owner's Name _____

B. Service Requestor Paul Serrano Harding Lawson 543-8422
Contact Person Company Name Phone
 Billing Address 303 2nd St Suite 1301 S. Fremont, CA 94107
Number Street City Zip

Category of Service		#Hours	Rate	Total
<input checked="" type="checkbox"/> Site Search		<u>71.00</u>	x \$ <u>2.25/Hr</u>	\$ <u>159.75</u>
<input type="checkbox"/> File Search		<u>37</u>	x \$ <u>1.00/Copy</u>	\$ <u>37.00</u>
<input type="checkbox"/> Other		_____	x \$ _____	\$ _____
Other				TOTAL CHARGE: \$ <u>196.75</u>

they did file search show up for site search this morning please schedule

REMARKS: 8/27 site locate / on phone '5 received S Hugo
7/28 scheduled site search, didn't show up 1.0 hr.
9/3 site search 0.75

You will receive an invoice in accordance with Article 11 of Chapter 6, Title 3 of the Ordinance Code of Alameda County

Service Requestor Brian Alva [Signature] Date 9/27/92
printed name signature
 HazMat Specialist Paul Serrano [Signature] Date 9/2/92
printed name signature

DATE:

3-5-92

TO : Local Oversight Program

FROM: BRIT JOHNSON

SUBJ: Transfer of Eligible Oversight Case

Site name: RIFKIN INVESTMENT CO

Address: 4549 HORTON ST city EMERY zip 94608

Closure plan attached? Y N DepRef remaining \$ 83.25

DepRef Project # 208 STID #(if any) 3827

Number of Tanks: 2 removed? Y N Date of removal 7-8-88 + 9-30-88

Leak Report filed? Y N Date of Discovery 7-8-88

Samples received? Y N Contamination: SOIL + GW

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel fuel, oil waste oil kerosene solvents

Monitoring wells on site 1 Monitoring schedule? Y N STOPPED MONITORING 4/25/89

Briefly describe the following:

Preliminary Assessment SOIL 370 mg/kg GW 7400 ug/L on 11/88

Remedial Action _____

Post Remedial Action Monitoring _____

Enforcement Action _____

Comments: TANK #1 1,000 GAL GASOLINE UST 7-8-88
#2 550 GAL " " 9-30-88

11/13/89 CONSULTANT, AQUA TERRA WRITES TO SAY THEY ARE NO LONGER INVOLVED IN PROJECT + WILL BE DOING 4TH QRT MONITORING

12/21/89 HARVEY RIFKIN OWNER SUBMITS AQUA TERRA 6/15/89 PRELIM. ASSESSMENT AND REQUESTS CLOSURE

* POSSIBLE OFF-SITE CONTAMINATION

R I F K I N
REALTY PARTNERS

89 DEC 27 AM 10:23

December 21, 1989

Mr. Dennis Byrne
Alameda County Health Care Agency
80 Swan Way, Room 200
Oakland, CA 94621

RE: 4549 Horton Street, Emeryville, CA

Dear Mr. Byrne:

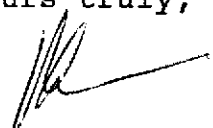
Please find enclosed the following:

**Preliminary Environmental Site Assessment
Final Quarterly Sampling Report**

I would appreciate your speedy evaluation of this data, toward the potential closing of this file. We are in the process of obtaining financing for the redevelopment of this project. Our lender needs to feel comfortable that this site does not represent a major toxic problem.

Thank you for any efforts you can expend relative to the above.

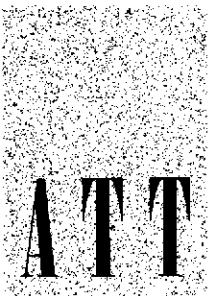
Yours truly,



Harvey Rifkin
RIFKIN REALTY PARTNERS

encl.

f:145ach19.dev



EA DB File

November 13, 1989

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

Subject: Quarterly Groundwater Monitoring
4549 Horton Street
Emeryville, CA

Dear Mr. Shahid:

This letter is to inform you that Aqua Terra Technologies, Inc. (ATT) is no longer involved in groundwater monitoring activities at the subject property. ATT will not be preparing the fourth quarter groundwater monitoring report. Please direct any questions you have regarding this matter to Mr. Harvey Rifkin, property owner.

Sincerely,

AQUA TERRA TECHNOLOGIES, INC.

Bradley J. Bennett
Project Manager

BJB/kmr

cc: Harvey Rifkin, Rifkin Realty Partners

Aqua Terra Technologies
Consulting Engineers
& Scientists

2950 Buskirk Avenue
Suite 120
Walnut Creek, CA
94596
415 934-4884

R I F K I N
REALTY PARTNERS

9/26/89

September 25, 1989

Rafat A. Shahid, Chief
Hazardous Materials Division
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Rm 200
Oakland, CA 94621

Attention: Dennis Byrne, Hazardous Materials Specialist

RE: Letter dated 09/21/89 -
Quarantined Drum at 4543 Horton Street, Emeryville

Gentlemen:


We appreciate your acknowledgement on the removal of the quarantine from the drum left at 4543 Horton Street by Safety Specialists, Inc.

Regarding the quarterly groundwater monitoring results, it is my understanding that ATT (Aqua Terra Technologies) has been monitoring and submitting reports directly to your office. I have contacted Mr. Bradley J. Bennett, Project Manager at ATT (415-934-4884) to confirm this.

Attached for your records are copies from our file.

If you have any further questions, please contact me or Mr. Bradley Bennett direct.

Thank you.


Janice Freiburger
Property Manager

Enclosure: Dated material from ATT

145envir.pmt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



21 September 1989

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Harvey Rifkin
Rifkin Investments
81 Lansing Street
Suite 106
San Francisco, CA 94101
Attn: Janice Freilingner

Subject: Quarantined Drum at 4543 Horton Street Emeryville.

Dear Mr. Rifkin:

This office has received and reviewed a report submitted by Safety Specialists Incorporated concerning the contents of the drum quarantined with certificate number 052589-DB-1. This drum is hereby removed from quarantine and it's contents may be disposed of as nonhazardous wastes.

Please be aware that a copy of the quarterly groundwater monitoring results from the well located on this site must be submitted to this office for review. To date, this office has received no information concerning data derived from this well. As the boring log supplied with the Safety Specialists report indicates that the well had been installed over a year ago, it would seem that four data sets should be available for this site. Please submit this data to our office.

See Attached

Should you have any questions concerning this matter, please contact Dennis Byrne, Hazardous Materials Specialist, at (415)271-4320.

Sincerely,

Edgar B. Howell
Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB

cc Gil Jensen, Alameda County District Attorney's Office,
Consumer and Environmental Protection Agency.
Doug Krause, DOHS
Jim Eversole, Assistant Fire Marshal, Emeryville Fire
Department.
Kenneth Meleen, Safety Specialists, Inc.
P.O. Box 4420, Santa Clara, CA 95054

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



21 September 1989

Harvey Rifkin
Rifkin Investments
81 Lansing Street
Suite 106
San Francisco, CA 94101
Attn: Janice Freilinger

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Subject: Quarantined Drum at 4543 Horton Street Emeryville.

Dear Mr. Rifkin:

This office has received and reviewed a report submitted by Safety Specialists Incorporated concerning the contents of the drum quarantined with certificate number 052589-DB-1. This drum is hereby removed from quarantine and it's contents may be disposed of as nonhazardous wastes.

Please be aware that a copy of the quarterly groundwater monitoring results from the well located on this site must be submitted to this office for review. To date, this office has received no information concerning data derived from this well. As the boring log supplied with the Safety Specialists report indicates that the well had been installed over a year ago, it would seem that four data sets should be available for this site. Please submit this data to our office.

Should you have any questions concerning this matter, please contact Dennis Byrne, Hazardous Materials Specialist, at (415)271-4320.

Sincerely,

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB

cc Gil Jensen, Alameda County District Attorney's Office,
Consumer and Environmental Protection Agency.
Doug Krause, DOHS
Jim Eversole, Assistant Fire Marshal, Emeryville Fire
Department.
Kenneth Meleen, Safety Specialists, Inc.
P.O. Box 4420, Santa Clara, CA 95054

R I F K I N
REALTY PARTNERS

June 20, 1989

6/22/89
ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS

Mr. Dennis Byrne
Hazardous Materials Specialist
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

RE: Telephone Conversation of 06/05/89

Dear Dennis:

This letter is to confirm our previous telephone conversation regarding the unlabeled quarantined drum located at 4543 Horton Street in Emeryville.

Rifkin Realty Partners, owners of the property, has on this day, requested Aqua Terra Technologies Consulting Engineers & Scientists to evaluate a sample of the contents from the quarantined drum, and to send the results of the evaluation to your attention.

I appreciate the information and your direction. We will do our best to resolve this situation as quickly as possible.

Sincerely,


Janice Freiburger
Property Manager

145envir

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Certified Mailer # P 833 981 427

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

5 June 1989

Quarantine # 052589-DB-1

Harvey Rifkin
Rifkin Investments
81 Lansing Street
Suite 106
San Francisco, Ca. 94101

****NOTICE OF VIOLATION****

Subject: Unlabeled Drum located at 4543 Horton Street, Emeryville

Dear Mr. Rifkin:

An unlabeled drum was discovered in front of your building on the 25th of May, 1989. The tenants of your property denied any knowledge as to the source or contents of this drum. As the owner of the property, you are legally responsible for determining whether the contents of this container constitute a hazardous waste and following any appropriate disposal procedures.

The following sections of the California Code of Regulations are deemed to be in violation.

- 1) Section 66471(a)(b) of the CCR, Title 22, which stipulates the procedures by which the generator of any waste must determine whether or not it constitutes a hazardous waste.
- 2) Section 66472(a)(d) of the CCR, Title 22, which states that a hazardous waste generator shall not treat, store or dispose of, transport or offer for transportation any hazardous waste without first obtaining an EPA Identification Number. This Number can be obtained by calling (916) 324-1781.
- 3) Section 66508(a)(3) and (c)(1)(2)(3) of the CCR, Title 22, which stipulates that all nonstationary containers of hazardous waste be labeled with the words "HAZARDOUS WASTE" and identify the date upon which material was first introduced into the container. Additional label information

Harvey Rifkin
Rifkin Investments
81 Lansing Street, Ste. 106
San Francisco, CA 94101
5 June 1989
Page 2 of 3

required by this section include the composition and physical state of the waste, statements which call attention to the particular hazardous properties of the waste (e.g. flammable, corrosive etc.) and the name and address of the generator.

The release of the material contained within this drum, or the disposal of this container as other than a hazardous waste may constitute a violation of Section 25189.5 of the California Health and Safety Code. This section forbids the disposing of a hazardous waste, or knowingly causing the disposal of or transportation of a hazardous waste to a site which is not a licensed hazardous waste treatment, storage and disposal facility.

This drum was quarantined in accordance with Section 25187.6 of the California Health and Safety Code. It is unlawful for anyone to transport, dispose of or tamper with this drum in any manner without the expressed consent of this agency. A lifting of the quarantine will require that a completed hazardous waste manifest or analytical documentation from a state certified laboratory illustrating that the contained material is nonhazardous be presented to this office for inspection.

You are requested to submit to this office a written Plan of Correction for 4543 Horton Street, Emeryville, on or before the 23rd of June, 1989. This Plan should state the actions which you propose to take in regards to the violations specified in this Notice of Violation. Following a review of the Plan, this office will inform you of any changes or additions required for approval.

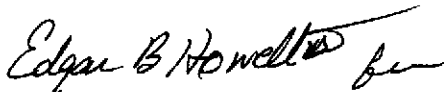
Please give this matter your immediate attention. Sections 25188, 25189, 25190 and 25191 of the California Health and Safety Code provide for civil and criminal penalties of up to \$25,000.00 per day, per violation.

We in the Alameda County Department of Environmental Health, Hazardous Materials Division, are eager to see this matter resolved in an expedient and responsible manner.

Harvey Rifkin
Rifkin Investments
81 Lansing Street, Ste. 106
San Francisco, CA 94101
5 June 1989
Page 3 of 3

If you have any questions or require further clarification concerning the actions which need to be taken to address this issue, please contact, Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:db

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Norm Healy, Alameda County Investigator, Consumer and
Environmental Protection Agency
Doug Krause, DOHS
Jim Eversole, Assistant Fire Marshal, Emeryville Fire Dept.
Dennis Byrne, Alameda County Hazardous Materials
Files

P 833 981 427

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

PS Form 3800, June 1985

Sent to	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

Complete items 1 and 2 when additional services are desired, and complete item 3.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

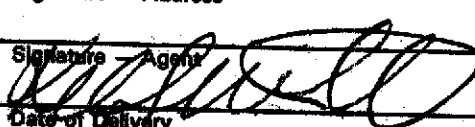
3. Article Addressed to: **91**
Harvey Rifkin
Rifkin Investments
81 Lansing Street, Suite 106
San Francisco, CA 94101

4. Article Number

Type of Service:
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature - Address
X

6. Signature - Agent
X 

7. Date of Delivery
JUN 19 1989

8. Addressee's Address (ONLY if requested)

AM. CA. ONE POSTAGE DUE SEC JUN 19 1989

PS Form 3800, June 1985 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

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 Rifkin Property Today's Date 5/25/87
 Site Address 4543 Horton St EPA ID# _____
 City Emeryville Zip 94608 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 | 1. Waste ID | * 66471 |
| | 2. EPA ID | 66472 |
| | 3. > 90 days | 66508 |
| | 4. Label dates | 66508 |
| | 5. Biennial | 66493 |
| | 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 |
| Conlin. gency | 19. Prepared | 67140 |
| | 20. Name List | 67141 |
| | 21. Copies | 67141 |
| | 22. Emg. Coord. Trng. | 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:

546-7977

unlabeled 55 gallon drum on sidewalk in front of building, next to dumpster.

Tenants deny knowledge of drum's contents. Oakland scavenger services dumpster daily but will not pickup drum. Drum is reported to have been on-site for some length of time.

Drum Quarantined 052587-OB-1 NOV to be sent to Rifkin investment

I.B TRANSPORTER (Title 22)

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

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: D Byrne

Signature: [Signature]

FUELLEAK CASE FORM

Review Date 1/29/89
Rev Status C

Site Name Rifkin Realty Partners
Streetnumber 4549
Street Horton St
City Emerysville
County Number 01

Priority U3
Rank _____

Division LPL
Lead Agency U

Primary Substance 8006619

Secondary Substance _____

Waste Oil _____

Case Type U G D
Status N

Well Status UK

Soil Affected Y U
Max. Soil Conc. (ppm) _____
Max. Residual Soil (ppm) _____
Soil Status N

Groundwater Affected Y U
Max. Groundwater Impact _____
Groundwater Status N
Depth to Groundwater _____

Drinking Water Affected Y U
Drinking Water Status N

Remedial Action _____
Proof Action Needed _____

Date of Last Corr 1/10/89
Date Case Recieved 1/10/89

Case Evaluated By ORC
Consultant _____ Lab _____

URF only

1 gnd

ATT

March 13, 1989

Mr. Harvey Rifkin
Rifkin Investment Company
81 Lansing Street
Suite 106
San Francisco, CA 94105-1611

MAR 15 1989

Subject: Property at 4549 Horton Street, Emeryville

Dear Mr. Rifkin:

This letter presents a summary of events and ongoing activities associated with the closure of a 1000 gallon underground storage tank, and a 550 gallon underground storage tank at the subject property.

Aqua Terra Technologies
Consulting Engineers
& Scientists

2950 Buskirk Avenue
Suite 120
Walnut Creek, CA
94596
415 934-4884

The tanks were closed by Safety Specialists under permits issued by the Alameda County Environmental Health Department (ACEHD), and closure activities were witnessed and approved by the ACEHD. Tank closures occurred in August and October of 1988, and were documented in a report to the ACEHD and the Regional Water Quality Control Board (RWQCB), prepared by Safety Specialists and dated December 2, 1988. Currently, no known underground storage tanks exist on the property.

Following closure of the underground tanks, a single groundwater monitoring well was constructed within approximately 10 feet of the excavation created by removing the tanks. The well was constructed in November 1988 to comply with published recommendations of the RWQCB. One groundwater sample is collected from the well on a quarterly basis and analyzed for total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (BTEX).

The results of the quarterly sampling are provided to the ACEHD and RWQCB for informational purposes in quarterly letter reports. The last quarterly report submitted to the agencies was dated February 21, 1989. The monitoring activities have been accepted by the ACEHD as indicated in their letter to you of December 19, 1988. The ACEHD and the RWQCB have not required site investigation or remediation activities beyond those described above.

Mr. Harvey Rifkin
Rifkin Investment Company
March 13, 1989
Page 2

Please contact us if you have any questions regarding
the matters discussed herein.

Sincerely,

Aqua Terra Technologies, Inc.

Todd Mill for

Bradley J. Bennett
Project Manager

R. Wane Schreiter

R. Wane Schreiter, Ph.D., P.E.
Environmental Assessor No. 590 (expires 6/30/89)

BJB/RWS:lg

LETTER of TRANSMITTAL

TO: Alameda County Dept of Envir. Health Date 1/25/89
Hazardous Pigment Division
80 Auburn Way Room 200
Attn: Oakland, CA 94621 Re: 4549 Hoston St.
Mr. Terry Seto Contaminated Soil
Tank Removal

WE ARE SENDING YOU:

Attached Under separate cover via _____
 Drawings Financial Statements Lease(s) Copy of letter Files

DESCRIPTION:

Tank manifest, soil reports, maps, monitoring
well reports.

FOR YOUR:

Information Approval Corrections Signature Comments

PLEASE RETURN:

Sets Copies Signed

REMARKS:

COPY TO:

SIGNED BY: Susan Feld FOR: Ripkin Realty Partners

RECEIVED
JAN 25 1989
HAZARDOUS MATERIALS
WASTE PROGRAM

R I F K I N
REALTY PARTNERS

January 5, 1989

Ms. Julie Menack
Aqua Terra Technologies
2950 Buskirk Avenue
Suite #120
Walnut Creek, CA 94596

RE: 4549 Horton Street
Quarterly Well Monitoring

Dear Julie,

Per our telephone conversation of 1-4-89, please accept letter as authorization to do the quarterly groundwater well monitoring at the above mentioned location.

As discussed, we understand that the cost of the labor, equipment, lab analysis, and submitting the data to the RWQCB would run approximately \$3,000.00. This estimate is acceptable to Rifkin Realty Partners. For future work which might be required at this site or any of our other properties, a proposal for the work should be submitted for our approval.

Thank you for your assistance in the work that has already been done on this project. I look forward to future business dealings with you and your company.

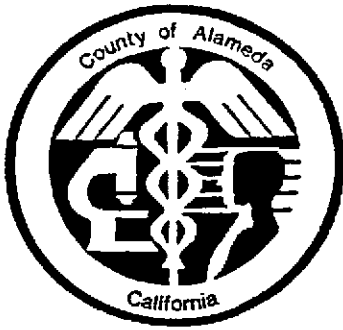
Sincerely,

RIFKIN REALTY PARTNERS

Susan M. Field
Susan M. Field
Property Manager

145.ATT19.PMT

Atlantic Financial
- (Area) 951-1200



ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
(415) 271-4320

- HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)
 EMERGENCY RESPONSE

1. INFORMATION RECEIVED BY: Dennis Byrne
DATE: 1/6/89 TIME: 0820
2. INCIDENT LOCATION: 4549 Horton St
CITY: Emeryville ZIP CODE: 94608
3. DATE OF INCIDENT: 7/8/88 TIME OF INCIDENT: 1200
4. REPORTED BY: Dennis Byrne AGENCY: Alameda County Environ Healt, Haz Mat Div
ADDRESS: 80 Swan Way Rm 200 CITY, ZIP: Oakland 94621
TELEPHONE: (415) 271-4320 CONTACT: Harvey Rifkin
PHONE: (415) 546-7977
5. TYPE OF DISCHARGE:
 Discharge from vehicle License Plate No. _____
Manifest/Shipping Information: _____
 Abandoned Material Fixed Facility
Name: _____ Address: _____
City: _____ Zip Code: _____
 Other (specify) underground storage tank
6. ESTIMATED QUANTITY DISCHARGED: Unknown
QUANTITY THREATENED TO BE RELEASED: None
7. NATURE OF MATERIAL:
 Solid Liquid Gas Powder Granular
 Radioactive Other
Chemical Name: _____ Common Name: Gasoline
8. HAZARDOUS PROPERTIES: Corrosive Ignitable Toxic
 Reactive Other
9. HAZARDOUS MATERIAL WAS RELEASED TO:
 Air Storm Drain San Francisco Bay Sanitary Sewer
 Other Natural Waterway (creek, lake, reservoir) Groundwater
 Groundsurface (soil, road, etc.) Other (specify) _____
10. WEATHER CONDITIONS: clear and sunny
11. NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: None
NAMES AND ADDRESSES OF HOSPITALS UTILIZED: _____

12. PERSONS PRESENT AT SCENE: PHONE NO.
NAME: _____ AFFILIATION: _____

13. RESPONSIBLE PARTY: PHONE NO. (415) 546-7977
NAME: Harvey Rifkin
ADDRESS: 81 Lansing St. San Francisco Ca. 94105-1611

14. EVIDENCE COLLECTED (SAMPLES, PHOTOGRAPHS, ETC.)
Soil samples + water samples

15. CLEAN-UP ACTIONS: Tank removed, Ground water monitoring well installed

NAMES AND ADDRESSES OF PERSONS DOING CLEAN-UP:
Agua Terra Technologies

DESCRIPTION OF CLEAN-UP ACTIONS:
Monitoring well installed, samples to be collected for analysis quarterly

16. TIME INCIDENT CLOSED: _____

17. ELAPSED TIME: _____

18. [] DISCHARGE NOT TO BE NOTIFIED:
____ Unlikely to Cause Substantial Injury to Public Health & Safety
____ Public knowledge ____ Ongoing criminal investigations
____ Permitted Discharge ____ Other

19. [] DISCHARGE TO BE NOTIFIED:
FACTORS DETERMINING THAT THIS HAZARDOUS WASTE DISCHARGE OR
POTENTIAL DISCHARGE IS LIKELY TO CAUSE SUBSTANTIAL INJURY TO THE
PUBLIC HEALTH OR SAFETY:
Quantity released is uncertain

20. NOTIFICATION:
 Board of Supervisors
 Health Officer
 Alameda County Press Room
 California Department of Health Services
 Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we are hereby submitting this information on behalf of all designated employees of the Department of Environmental Health, according to Section 25180.7, Health & Safety Code. The information submitted in this report is based upon the best available information at the time the report was completed.

Inspector's Name: Dennis Byrne Date: 1/6/89
Inspector's Signature: Dennis J Byrne
EH/mam/88

December 28, 1988

RECEIVED

JAN 3

Mr. Harvey Rifkin
Rifkin Investment Company
81 Lansing Street, Suite 106
San Francisco, CA 94105-2611

Subject: 4549 Horton Street, Emeryville

Dear Mr. Rifkin:

As you requested, Aqua Terra Technologies, Inc. (ATT) has reviewed information pertaining to the status of the underground tank investigation at your property located at 4549 Horton Street, Emeryville. The information reviewed by ATT includes reports of investigations conducted by Tank Excavators and by Safety Specialists, Inc., on your behalf.

Aqua Terra Technologies
Consulting Engineers
& Scientists

2950 Buskirk Avenue
Suite 120
Walnut Creek, CA
94596
415 934-4884

The work performed to date has included excavation of two gasoline tanks (550 and 1,000 gallons) and installation of one groundwater monitoring well on the downgradient side of the 1,000 gallon tank. The tank excavations were performed under permit with the Alameda County Health Care Services Agency - Department of Environmental Health (ADEH) dated August 10, 1988. The tank excavations were reported in Safety Specialists reports dated August 5 and October 31, 1988. Two soil samples associated with the excavation were analyzed for total petroleum hydrocarbons (TPH) as gasoline and the aromatic constituents of gasoline which include benzene, toluene, and xylene (BTX). Samples collected beneath the 1,000 gallon tank contained 89 mg/Kg and 616 mg/Kg TPH, and the sample collected from beneath the 550 gallon tank contained up to 41 mg/Kg TPH, 1.0 mg/Kg xylene, and 9.5 mg/Kg lead.

The San Francisco Bay Region of the California Regional Water Quality Control Board (RWQCB) has prepared guidelines for addressing leaks from underground tanks used for storage of fuels (Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, June 2, 1988). The RWQCB guidelines require a soil/groundwater investigation if the TPH concentration is greater than 100 mg/Kg within the first two feet of native soil beneath the tank. Consequently, the ADEH requested the one groundwater monitoring well in the downgradient direction of the 1,000 gallon tank.

The installation of one groundwater monitoring well and collection of soil and groundwater samples is documented in the Safety Specialists report dated December 2, 1988.

Mr. Harvey Rifkin
Rifkin Investment Company
December 28, 1988
Page 2

According to the report, soil samples were collected every five feet from the borehole used to construct the monitoring well. These samples were analyzed for TPH as diesel and for BTX. The groundwater sample collected from the well was sampled and analyzed for these same constituents. The soil sample at 9.5 feet was the only one with detectable hydrocarbons, at 370 mg/Kg TPH as diesel, 13 mg/Kg toluene, and 22 mg/Kg xylene. The groundwater sample contained 7.4 mg/L TPH as diesel and 0.053, 0.027, and 0.046 mg/L of benzene, toluene, and xylene, respectively. Proper chain of custody documentation was utilized.

The ADEH has reviewed the information generated to date and provided recommendations in a letter dated December 19, 1988. The letter stated that the planned quarterly monitoring of the well for hydrocarbon constituents is acceptable to the ADEH and is consistent with the guidelines of the RWQCB. The ADEH letter required filing an Underground Storage Tank Unauthorized Release Report, a completed copy of which is enclosed for your submittal to the ADEH.

According to the ADEH, Rifkin Investment Company is in compliance with appropriate regulatory guidelines pertaining to underground tank removal.

If you wish to discuss this matter further, please do not hesitate to contact me.

Sincerely,

AQUA TERRA TECHNOLOGIES, INC.



R. Wane Schneiter, Ph.D., P.E.

Registered Environmental Assessor 590 (Expires 6/30/89)

RWS:lg
Enclosure

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.		
REPORT DATE 12/27/83		CASE #		SIGNED _____ DATE _____		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT R. W. SCHNEITER		PHONE (415) 954-4974		SIGNATURE [Signature]	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME AQUA TERRA TECHNOLOGIES			
	ADDRESS 3700 BASKIN NE STE 120 WALNUT CREEK CA 94596					
RESPONSIBLE PARTY	NAME Rita R. Roubin		CONTACT PERSON Howard Rife		PHONE (415) 544-7117	
	ADDRESS 81 LINDSAY STREET SAN FRANCISCO CA 94105-1611					
SITE LOCATION	FACILITY NAME (IF APPLICABLE)					
	ADDRESS 4544 Horton St San Francisco CA 94116					
	CROSS STREET 45th 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 checked="" type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER	
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda Co. Health Dept.		AGENCY NAME Alameda Co. Health Dept.		CONTACT PERSON Dennis Byrne	
	REGIONAL BOARD RWACB - SF Bay Area		PHONE (415) 271-4320			
SUBSTANCES INVOLVED	(1) NAME Gasoline / Hydrocarbons				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2)					
DISCOVERY/ABATEMENT	DATE DISCOVERED M M D D Y Y		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN M M D D Y Y		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input checked="" type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (YES, DATE M M D D Y Y)		070888			
SOURCE/CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		TANKS ONLY/CAPACITY 1,000 GAL AGE _____ YRS <input checked="" type="checkbox"/> UNKNOWN		MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	
	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FATIGUE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER					
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 type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input checked="" type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input checked="" 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 checked="" type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (BT) <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	_____					



W. J. HARRIS

CERTIFICATES OF DISPOSAL

12 JULY

H & H Ship Service Company certifies to EAGAN & COMPANY
that:

1. The storage tank(s), size(s) 1 - 1,000 gallon

removed from the RIFKIN INVESTMENT COMPANY

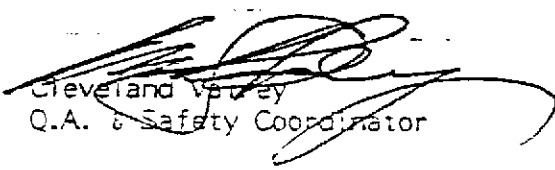
facility at 4549 HORTON STREET

EMERYVILLE, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin Street,
San Francisco, California 94107.

2. The following tank(s), H & H Job Number: 8231
have been steamed cleaned, cut with approximately 2' X 2' holes,
rendered harmless and disposed of as scrap metal.
3. Disposal site: LEVIN METALS CORPORATION, RICHMOND, CALIFORNIA
4. The foregoing method of destruction/disposal is suitable for the
materials involved, and fully complies with all applicable regulatory
and permit requirements.
5. Should you require further information, please contact (415) 543-4835.

Very Truly Yours,


Cleveland V. V. V.
Q.A. & Safety Coordinator

220 CHINA BASIN, P.O. BOX 77363 · SAN FRANCISCO, CA 94107 · DAY AND NIGHT: 543-4835

0400923415U
 RIKIN ENVIRONMENT CO, Harry Rik...
 31 Lansing St. Suite 106
 San Francisco, CA 94105

is not required by Federal law.

MADEIR DOCUMENT NUMBER
 87851289

1. Generator Name and Address
 2. Transporter 1 Company Name
 3. Designated Facility Name and Site Address
 4. State Generator's ID
 5. State Transporter's ID
 6. US EPA ID number
 7. Transporter 2 Company Name
 8. US EPA ID number
 9. US EPA ID number
 10. US EPA ID number
 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)
 12. Containers
 13. Total Quantity
 14. Unit (WT/Vol)
 15. Waste No.

No.	Type	Quantity	Unit (WT/Vol)	Waste No.
1	Empty underground Tank, waste Flammable Liquid UN 1203	1000	WT	512
2				
3				
4				

16. Additional Descriptions for Materials Listed Above
 Empty underground Gasoline Storage Tank with less than 1 gallon residue in tank (Inerted Dry Ice)

17. Handling Codes for Wastes Listed Above
 01

15. Special Handling instructions and Additional information
 Gloves

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: DWAIN J PIERZINA
 Signature: [Signature]
 Month Day Year: 10/17/88

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name: EDWARD E MILANO
 Signature: [Signature]
 Month Day Year: 10/18/88

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 15.
 Printed/Typed Name: [Name]
 Signature: [Signature]
 Month Day Year: 10/18/88

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL HAZARDOUS WASTE HELPLINE 1-800-424-9302. WHILE CASE ORDNANCE 1-800-424-9302.

SOUTHERN PACIFIC TRANSPORTATION CO.
LEASE RENTAL BILL

REMITTANCE COPY

REFER TO NO. L-1046343-03-82

VENDOR NO.	TOTAL RENT DUE
	\$1,098.00

RECEIVED

JUL 28 1982

RETURN REMITTANCE COPY WITH YOUR PAYMENT TO:

SOUTHERN PACIFIC TRANSPORTATION COMPANY
PO BOX 44240
SAN FRANCISCO CA 94144

RIFKIN INVESTMENT COMPANY
81 LANSING ST. #106
SAN FRANCISCO, CA 94105

INFORMATION ABOUT THIS BILL MAY BE OBTAINED FROM:
SENIOR MANAGER
RECEIVABLE ACCOUNTING
415-541-1229
OR
415-541-1136
SOUTHERN PACIFIC BUILDING
ONE MARKET PLAZA - ROOM 508
SAN FRANCISCO, CA 94105

LESSEE NO. 1046343

IF BILL NOT PAID IN FULL SHOW AMOUNTS PAID HERE

PAGE AMOUNT

LEASE NO.	BILL FREQUENCY	DATE DUE	LEASE DESCRIPTION	AMOUNT PAID	PAGE AMOUNT
#193216N A		08/01	EMERYVILLE CA LOADING DOCK & BLDG ENCROACHMENT		1,098.00

RETURN COPY OF BILL WITH YOUR REMITTANCE TO:
SOUTHERN PACIFIC TRANSPORTATION COMPANY
PO BOX 44240
SAN FRANCISCO CA 94144

** IN ACCORDANCE WITH PREVIOUS NOTIFICATION RENTAL ON THIS BILL HAS BEEN REVISED BASED ON INCREASE IN CONSUMER PRICE INDEX FOR THE LATEST 12-MONTH PERIOD PRIOR TO PREPARATION OF THIS BILL.

M - MONTHLY
A - ANNUAL
Q - QUARTERLY
S - SEMI-ANNUAL
Y - PERIOD OF YEARS INDICATED
F - FULL TERM
Z - TERM

AMOUNT DUE ▶ 1,098.00
(CR-CREDIT)

FAC FIVE

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.	
REPORT DATE 1 <u>2</u> / 2 / 19 <u>88</u>	CASE #	SIGNED	DATE

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT R. WANE SCHNEITER	PHONE (415) 934 4884	SIGNATURE <i>R. Wane Schniter</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME AQUA TERRA TECHNOLOGIES	
ADDRESS 2950 BOSKIRK AVE STE 120 WALNUT CREEK CA 94596			

RESPONSIBLE PARTY	NAME Rifkin Realty Partners	CONTACT PERSON Harvey Rifkin	PHONE (415) 546-7977
	ADDRESS 81 Lansing Street San Francisco CA 94105-1611		

SITE LOCATION	FACILITY NAME (IF APPLICABLE)	OPERATOR	PHONE ()
	ADDRESS 4549 Horton Street Emeryville Alameda 94608		
CROSS STREET 45th 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

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda Co. Health Dept.	AGENCY NAME	CONTACT PERSON Dennis Byrne	PHONE (415) 271-4320
	REGIONAL BOARD RWRCB - SF Bay Area			PHONE (415) 464-1255

SUBSTANCES INVOLVED	(1) NAME Gasoline Hydrocarbons	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED M M D D Y Y	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN M M D D Y 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 checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE M M D D Y Y 0 7 0 8 8 8	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY CAPACITY 1,000 GAL. AGE _____ YRS <input checked="" type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
--------------	--	--	--	---

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 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 checked="" 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 checked="" 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 (PT) <input type="checkbox"/> MONITORING (M) <input type="checkbox"/> TREATMENT (TS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)
-----------------	---

COMMENTS	RECEIVED JAN 6 1988 HAZARDOUS MATERIALS/ WASTE PROGRAM
----------	--

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety Code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility and surrounding area. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Provide details on tank age, capacity and material if known. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which actions have been used to cleanup or remediate the leak. Descriptions of options follow:

- Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
- Containment Barrier - install vertical dike to block horizontal movement of contaminant.
- Excavate and Dispose - remove contaminated soil and dispose in approved site.
- Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
- Remove Free Product - remove floating product from water table.
- Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
- Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
- Replace Supply - provide alternative water supply to affected parties.
- Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
- No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies in tact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Water Quality, Underground Tank Program, P. O. Box 100, Sacramento, CA 95801
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

Vertical handwritten notes and markings, possibly including "Drinking Water" and other illegible text.

NEW

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

EMERGENCY YES NO HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? YES 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 25106.7 OF THE HEALTH AND SAFETY CODE.

REPORT DATE: 12/27/88 CASE #

SIGNED: [Signature] JAN 10 1989

NAME OF INDIVIDUAL FILING REPORT: R. WAVE SCHNEITER
PHONE: (415) 934 4884
SIGNATURE: [Signature]

ALIFORNIA REGIONAL WATER CONTROL BOARD

REPRESENTING: OWNER/OPERATOR REGIONAL BOARD
 LOCAL AGENCY OTHER

COMPANY OR AGENCY NAME: AQUA TERRA TECHNOLOGIES

ADDRESS: 2950 BUSKIRK AVE STE 120 WALNUT CREEK CA 94596

STATE: CA ZIP: 94596

RESPONSIBLE PARTY: NAME: Rifkin Realty Partners

CONTACT PERSON: Harvey Rifkin PHONE: (415) 546 7979

ADDRESS: 81 Lansing Street San Francisco CA 94105-1611

STATE: CA ZIP: 94105-1611

FACILITY NAME (IF APPLICABLE):

OPERATOR: PHONE: ()

ADDRESS: 4549 Horton Street Emeryville Alameda 94608

CITY: Emeryville COUNTY: Alameda ZIP: 94608

CROSS STREET: 45th Street

TYPE OF AREA: COMMERCIAL INDUSTRIAL RURAL
 RESIDENTIAL OTHER

LOCAL AGENCY: Alameda Co. Health Dept.

CONTACT PERSON: Dennis Byrne PHONE: (415) 271-4320

REGIONAL BOARD: RWRCB - SF Bay Area

PHONE: (415) 464-1255

SUBSTANCES INVOLVED: (1) Gasoline Hydrocarbons

QUANTITY LOST (GALLONS): UNKNOWN

DATE DISCOVERED: M M D D Y Y

HOW DISCOVERED: INVENTORY CONTROL SUBSURFACE MONITORING TANK TEST TANK REMOVAL OTHER

DATE DISCHARGE BEGAN: M M D D Y Y UNKNOWN

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY):
 REMOVE CONTENTS REPLACE TANK CLOSE TANK
 REPAIR TANK REPAIR PIPING CHANGE PROCEDURE
 OTHER

HAS DISCHARGE BEEN STOPPED? YES NO IF YES, DATE: 07/08/88

SOURCE OF DISCHARGE: TANK LEAK UNKNOWN PIPING LEAK OTHER

TANKS ONLY: CAPACITY: 1,000 GAL. AGE: UNKNOWN

CASE TYPE: UNDETERMINED SOIL ONLY GROUNDWATER DRINKING WATER

MATERIAL: FIBERGLASS STEEL OTHER

CURRENT STATUS: SITE INVESTIGATION IN PROGRESS CLEANUP IN PROGRESS SIGNED OFF

CAUSE(S): OVERFILL RUPTURE/FAILURE CORROSION UNKNOWN SPILL OTHER

REMEDIAL ACTION: CAP SITE (CD) EXCAVATE & DISPOSE (ED) REMOVE FREE PRODUCT (FP) ENHANCED BIO DEGRADATION (IT)

COMMENTS:

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

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Enter information regarding the tank facility and surrounding area. At a minimum, you must provide the facility name and full address.

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- No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

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3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

J. MICHAEL LEAHY, Agency Director



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

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
(415) 271-4320

19 December, 1988

Mr. Harvey Rifkin
81 Lansing Street
Suite 106
San Francisco, Ca. 94105

Subject: Well Installation at 4549 Horton Street, Emeryville.

Dear Mr. Rifkin :

We have recently received a monitoring well installation report concerning 4549 Horton Street in Emeryville. A review of the data indicates that further monitoring will be required at this site. The report's recommendation that a sample be collected for analysis on a quarterly basis is consistent with guidelines established by the San Francisco Bay Regional Water Quality Control Board, and is acceptable to the Alameda County Department of Environmental Health, Hazardous Materials Division.

An Underground Storage Tank Unauthorized Release Report must be submitted in regards to this project. A blank copy of this form is included for your use. Please complete and return this document to our office.

If you have any questions or require further clarification concerning the measures which need to be taken regarding this underground storage tank removal project, please contact, Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Rafat A. Shahid'.

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB

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

14 December, 1988

Mr. Paul King
Safety Specialists, Inc.
3060 Raymond Street
Santa Clara, Ca. 95054

Subject: Well Installation at 4549 Horton St. Emeryville

Dear Mr. King:

Thank you for the monitoring well installation report concerning 4549 Horton Street in Emeryville. A review of the data indicates that further monitoring will be required at this site. Your recommendation that a sample be collected for analysis on a quarterly basis is consistent with guidelines established by the San Francisco Bay Regional Water Quality Control Board, and is acceptable to the Alameda County Department of Environmental Health, Hazardous Materials Division.

As per a telephone conversation between you and a representative of our office, an Underground Storage Tank Unauthorized Release Report will have to be submitted in regards to this project. A blank copy of this form is included for your use. Please complete and return this document to our office.

If you have any questions or require further clarification concerning the measures which need to be taken regarding this underground storage tank removal project, please contact, Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,


Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB

cc: Lisa McCann, RWQCB

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

File

Telephone Number: (415) 271-4320

14 December, 1988

CALIFORNIA REGIONAL WATER

DEC 16 1988

Mr. Paul King
Safety Specialists, Inc.
3060 Raymond Street
Santa Clara, Ca. 95054

New

QUALITY CONTROL BOARD

SITE = Pitkin Realty Partners.

Subject: Well Installation at 4549 Horton St. Emeryville

Dear Mr. King:

Thank you for the monitoring well installation report concerning 4549 Horton Street in Emeryville. A review of the data indicates that further monitoring will be required at this site. Your recommendation that a sample be collected for analysis on a quarterly basis is consistent with guidelines established by the San Francisco Bay Regional Water Quality Control Board, and is acceptable to the Alameda County Department of Environmental Health, Hazardous Materials Division.

As per a telephone conversation between you and a representative of our office, an Underground Storage Tank Unauthorized Release Report will have to be submitted in regards to this project. A blank copy of this form is included for your use. Please complete and return this document to our office.

If you have any questions or require further clarification concerning the measures which need to be taken regarding this underground storage tank removal project, please contact, Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB

cc: Lisa McCann, RWQCB

WHITE — ENV. HEALTH
 YELLOW — FACILITY
 PINK — FILES

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

County Use Only
 [] Daily

Hazardous Material Inspection Form

Site ID# _____ Site Name Riffin Investment Date: 1/1
 Site Address 4549 Horton St EPA ID# CAC 0000 92341
 City, Zip Emeryville 94608 Phone 415 546-7977

___ MAX AMT stored >
 500 lbs, 55 gal., 200 cft.?

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. Administrative Code (CAC) or the Health & Safety Code (HS&C)

1a. GENERATOR	(Title 22)
___ 1. Waste ID	66471
___ 2. EPA ID	66472
___ 3. >90 days	66508
___ 4. Labels	66493
___ 5. Biennial	66492
Manifest	
___ 6. Records	66480
___ 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.)	25189.5
___ 13. Ex Haz. Waste	66570
Prevention	
___ 14. Communication	67121
___ 15. Aisle Space	67124
___ 16. Local Authority	67126
___ 17. Maintenance	67120
___ 18. Training	67105
Contin. gency	
___ 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
1b. TRANSPORTER	(Title 22)
___ 32. Application	66428
___ 33. Insurance	66428
___ 34. Comp. Cert.	66448
___ 35. CHP Insp.	66448
___ 36. Containers	66465
Manifest	
___ 37. Vehicles	66465
___ 38. EPA ID #s	66531
___ 39. Correct	66541
___ 40. HW Delivery	66543
___ 41. Records	66544
Cont'rs	
___ 42. Name	66545
___ 43. Covers	66545
___ 44. Recyclables	66800

Comments:

(1) 1,000 gal tank removed.
 A second tank, size unknown,
 was not excavated or removed.

No ground water present in excavation.

Two soil samples taken, one
 from either end of the tank,
 at a depth of 9 feet
 Gasoline odor was detectable from
 both samples.

Tank condition looks good

Excavated soil returned to hole

Contact: _____ Applied Time: 1030

Title: _____ Inspector: D. Byrne

Signature: _____ Signature: [Signature]

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
01/01/92 THROUGH 03/31/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 3827
SITE NAME: Rifkin Investment Co. DATE REPORTED : 07/08/88
ADDRESS : 4549 Horton St. DATE CONFIRMED: 07/08/88
CITY/ZIP : Emeryville 94608 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: G	CONTRACT STATUS: 3	EMERGENCY RESP:
RP SEARCH: S		DATE COMPLETED: 03/27/89
PRELIMINARY ASMNT: U	DATE UNDERWAY: 06/15/89	DATE COMPLETED:
REM INVESTIGATION:	DATE UNDERWAY:	DATE COMPLETED:
REMEDIAL ACTION:	DATE UNDERWAY:	DATE COMPLETED:
POST REMED ACT MON:	DATE UNDERWAY:	DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/27/89
LUFT FIELD MANUAL CONSID: 3,HSCA
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : 07/08/88 REMEDIAL ACTIONS TAKEN: UK

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Harvey Rifkin Et Al
COMPANY NAME: Rifkin Investment Co.
ADDRESS: 81 Lansing St. #707
CITY/STATE: San Francisco C A 94105



CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

6/27/88

PRODUCER

WINN & CO. INSURANCE BROKERS
P.O. BOX 220
HOLLISTER, CA 95024-0220

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

COMPANIES AFFORDING COVERAGE

COMPANY LETTER **A** AMERICAN HOMES ASSURANCE CO.

COMPANY LETTER **B**

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

INSURED

TANK EXCAVATORS
P.O. BOX 8402
SANTA CRUZ, CA 95061

Andrea 637-9241

COVERAGES

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

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS	
	GENERAL LIABILITY				GENERAL AGGREGATE \$	
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OPS AGGREGATE \$	
	<input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCURRENCE				PERSONAL & ADVERTISING INJURY \$	
	<input type="checkbox"/> OWNER'S & CONTRACTORS PROTECTIVE				EACH OCCURRENCE \$	
					FIRE DAMAGE (ANY ONE FIRE) \$	
					MEDICAL EXPENSE (ANY ONE PERSON) \$	
	AUTOMOBILE LIABILITY				CSL \$	
	<input type="checkbox"/> ANY AUTO				BODILY INJURY (PER PERSON) \$	
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (PER ACCIDENT) \$	
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE \$	
	<input type="checkbox"/> HIRED AUTOS					
	<input type="checkbox"/> NON-OWNED AUTOS					
	<input type="checkbox"/> GARAGE LIABILITY					
	EXCESS LIABILITY				EACH OCCURRENCE \$	AGGREGATE \$
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM					
A	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	WC5817030	7/1/88	7/1/89	STATUTORY \$ 1,000 (EACH ACCIDENT) \$ 1,000 (DISEASE-POLICY LIMIT) \$ 1,000 (DISEASE-EACH EMPLOYEE)	
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/RESTRICTIONS/SPECIAL ITEMS

CERTIFICATE HOLDER

ALAMEDA COUNTY DEPARTMENT OF HEALTH SERVICE
ALAMEDA, CA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

John B. Williams



CERTIFICATE OF INSURANCE

SET TAB STOPS AT ARROWS
ISSUE DATE (MM/DD/YY)
6-14-88

PRODUCER

WINN & CO. INSURANCE BROKERS
P. O. Box 220
Hollister, CA 95024

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COMPANIES AFFORDING COVERAGE

COMPANY LETTER A	AMERICAN HOMES ASSURANCE CO.
COMPANY LETTER B	
COMPANY LETTER C	
COMPANY LETTER D	
COMPANY LETTER E	

INSURED

TANK EXCAVATORS
P. O. Box 8402
Santa Cruz, CA 95061

JUN 16 1988

COVERAGES

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					EACH OCCURRENCE	AGGREGATE
	GENERAL LIABILITY					
	COMPREHENSIVE FORM				BODILY INJURY	\$
	PREMISES/OPERATIONS				PROPERTY DAMAGE	\$
	UNDERGROUND EXPLOSION & COLLAPSE HAZARD				BI & PD COMBINED	\$
	PRODUCTS/COMPLETED OPERATIONS				PERSONAL INJURY	\$
	CONTRACTUAL					
	INDEPENDENT CONTRACTORS					
	BROAD FORM PROPERTY DAMAGE					
	PERSONAL INJURY					
	AUTOMOBILE LIABILITY					
	ANY AUTO				BODILY INJURY (PER PERSON)	\$
	ALL OWNED AUTOS (PRIV. PASS.)				BODILY INJURY (PER ACCIDENT)	\$
	ALL OWNED AUTOS (OTHER THAN PRIV. PASS.)				PROPERTY DAMAGE	\$
	HIRED AUTOS				BI & PD COMBINED	\$
	NON-OWNED AUTOS					
	GARAGE LIABILITY					
	EXCESS LIABILITY					
	UMBRELLA FORM				BI & PD COMBINED	\$
	OTHER THAN UMBRELLA FORM					
A	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	WC 875-15-48	7-1-87	7-1-88	STATUTORY	
						\$1,000 (EACH ACCIDENT)
						\$1,000 (DISEASE-POLICY LIMIT)
						\$1,000 (DISEASE-EACH EMPLOYEE)
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER

ALAMEDA COUNTY HEALTH SERVICES AGENCY
ALAMEDA, CA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Note: Contaminated soil transported must be identified before disposal in record
6.9. 8/25/88

ACCEPTED

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

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction.

One copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any change or alteration 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 following required inspections:

- _____ Removal of Tank and Piping
- _____ Sampling
- _____ Final Inspection

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

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

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

RECEIVED
AUG 16 1988

HAZARDOUS MATERIAL WASTE PROGRAM

Subject # U524567
Fee Paid \$300.00
Date 8/16/88

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Ripkin Investment Co.
Business Owner Harvey Ripkin
2. Site Address 4549 Horton St.
City Emeryville Ca. Zip _____ Phone _____
3. Mailing Address 81 Lansing St. Suite 106
City San Francisco Zip 94105 Phone 415-546-7977
4. Land Owner Same as above
Address _____ City, State _____ Zip _____
5. EPA I.D. No. CAG 000092341
6. Contractor Tank Excavators
Address 230 Mt. Hermon Road Suite 206
City Scotts Valley Ca 95066 Phone 408-438-1622
License Type A ID# 423958
7. Other (Specify) _____
Address _____
City _____ Phone _____

8. Contact Person for Investigation

Name Harvey Rifkin Title Owner
Phone 415-546-7977

9. Total No. of Tanks at facility 1

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

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

b) Rinsate Transporter

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

c) Tank Transporter

Name H & H Shippers EPA I.D. No. CA0004771168
Address 220 China Basin S.F.
City San Francisco State Ca. Zip 94107

d) Contaminated Soil Transporter

for Bob on 8/29
Name H & H EPA I.D. No. _____
Address 220 China Basin
City S.F. State CA Zip 94102

12. Sample Collector

Name _____
Company Softy Specialists
Address 3060 Raymond St.
City Santa Clara State Ca Zip 95054 Phone 408-988-1111

13. Sampling Information for each tank or area

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

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

If yes, describe. unknown

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

If yes, describe. 30# of Dry Ice per 1000 gallons.

16. Laboratories

Name Friemans Fund
 Address 3700 Lakeville Highway
 City Petaluma State Ca. Zip 94957
 State Certification No. 109

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
<p>Low Boilers</p> <p>T.P.H.</p> <p>B.T.X. & E.</p>	<p>3500</p> <p>or 3508</p>	<p>8020 or B290</p> <p>for soil</p> <p>602 & 624</p> <p>for water</p>

18. Site Safety Plan submitted? Yes No []

19. Workman's Compensation: Yes No []

Copy of Certificate enclosed? Yes [] No []

Name of Insurer _____

20. Plot Plan submitted? Yes No []

21. Deposit enclosed? Yes No []

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

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

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) Robert Smith
Signature Robert Smith
Date Aug 16 1988

Signature of Site Owner or Operator

Name (please type) HARVEY RIFKIN
Signature Harvey Rifkin
Date 8-16-88

NOTES:

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

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A
SAMPLING RESULTS

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

INSTRUCTIONS

2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

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

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

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

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

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

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

Contaminant - Specify the chemical to be analyzed.

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

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

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

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

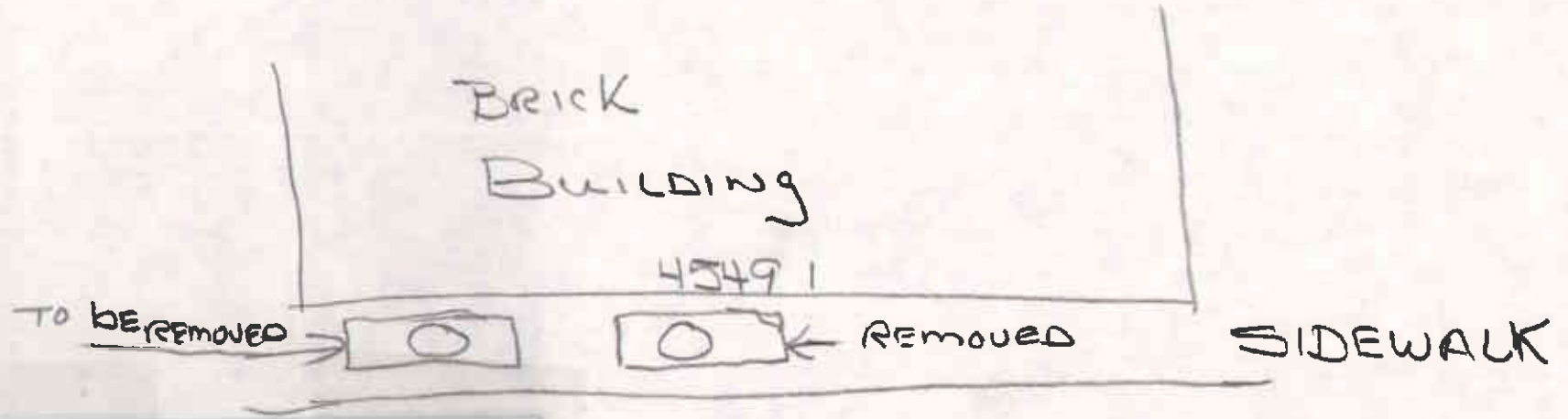
19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

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

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

1/88



HORTON ST.

SIDEWALK

BUILDING