

SDMS # 31294

**ARO003**

UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION 9

In the Matter of :

H. KRAMER AND COMPANY  
1 CHAPMAN WAY  
EL SEGUNDO, CALIFORNIA,

H. KRAMER AND COMPANY AND  
AERO INDUSTRIES,

Respondents

Proceeding under Section 106 of the  
Comprehensive Environmental Response,  
Compensation and Liability Act of 1980,  
as amended by the Superfund Amendments  
and Reauthorization Act of 1986,  
(42 U.S.C. §9606)

19  
Order No. 88-19

I. Jurisdiction

This Order is issued to H. Kramer and Company and Aero Industries pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986, by authority delegated to the Administrator of the United States Environmental Protection Agency (EPA), and redelegated to the EPA Regions.

This Order is also issued pursuant to the Bankruptcy Code, 11 U.S.C.A. Section 362(b)(4).

The Director of the Toxics and Waste Management Division, EPA Region 9, has determined that there may be an imminent and substantial endangerment to the public health, welfare or the environment because of the release and threatened release of

1           8. Substances of concern. Lead, zinc, copper, beryllium  
2 and cadmium were detected at the site at levels of concern. Many  
3 of the samples collected and analyzed by EPA exceeded the Total  
4 Threshold Limit Concentrations (TTLIC), which establish threshold  
5 levels for the regulation of hazardous wastes in California  
6 [Title 22, Cal. Adm. Code, Section 66693 et. seq.].

7           a. Lead. Lead poisoning is one of the most commonly  
8 reported occupational diseases. Some lead compounds are car-  
9 cinogens of the lungs and kidneys. Exposure pathways include  
10 both ingestion and inhalation. Upon inhalation, absorption takes  
11 place through the respiratory tract and symptoms tend to develop  
12 more quickly than from ingestion. Lead is a cumulative poison.  
13 Increasing amounts build up in the body to a point where symptoms  
14 and disability occur. Lead produces a brittleness of the red  
15 blood cells, sensitizing them to trauma. Lesions of the kidney,  
16 liver, male glands, nervous system, blood vessels, and other  
17 tissues have been observed.

18           b. Copper. Inhalation of copper dust has caused hemolysis  
19 of red blood cells in animal experiments. Copper chloride and  
20 sulfate have been reported as causing irritation of the skin and  
21 conjunctivae. Cuprous oxide is an eye and upper respiratory  
22 tract irritant.

23           c. Beryllium. Beryllium and its compounds are considered  
24 to be experimental carcinogens, tumorigens, and neoplastigens.  
25 Inhalation of dust containing beryllium can cause severe lung  
26 damage. Effects have been reported in persons living near  
27 processing plants and families of beryllium workers.

28 ///

1 d. Cadmium. Cadmium is a poison to humans. Exposure oc-  
2 curs by inhalation and other routes. Inhalation of fumes or  
3 dusts affects the respiratory tract and the kidneys. Cadmium has  
4 been found to be a teratogen and an experimental carcinogen.

5 e. Zinc. Zinc compounds exhibit varying toxicities.  
6 Workers in zinc refining have been reported as suffering from a  
7 variety of non-specific intestinal, respiratory and nervous  
8 symptoms. Ulceration of the nasal septum and eczematous der-  
9 matosis are also reported.

10 III. Conclusions of Law

11 A. H. Kramer and Company and Aero are "persons" as defined  
12 in Section 101(21) of CERCLA, 42 U.S.C. §9601(21).

13 B. The property located at 1 Chapman Way is a "facility" as  
14 defined in Section 101(9) of CERCLA, 42 U.S.C. §9601(9).

15 C. Lead, zinc, copper, beryllium and cadmium are "hazardous  
16 substances" as defined in Section 101(14) of CERCLA, 42 U.S.C.  
17 §9601(14).

18 D. The presence of hazardous substances on and in the soils  
19 at the site and the potential for those substances to become air-  
20 borne or for the hazardous substances to migrate to groundwater  
21 constitutes a "release" or "threatened release" of hazardous sub-  
22 stances into the environment as defined in Section 101(22) of  
23 CERCLA, 42 U.S.C. §9601(22).

24 E. H. Kramer and Company is a "responsible party" as  
25 defined in Section 107(a)(3) of CERCLA, 42 U.S.C. §9607(a)(3).

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1           B. Within seven (7) calendar days of the effective date of  
2 this Order, Kramer shall submit to EPA a written proposal for the  
3 razing, demolition and salvaging of buildings, equipment and  
4 materials at the facility which shall include the following ele-  
5 ments.

- 6           1. Scope of work.
- 7           2. List of equipment and materials to be salvaged  
8           and their locations.
- 9           3. A site diagram or map designating and identifying  
10           areas where work will be conducted.
- 11           4. A schedule of daily activities.
- 12           5. A description of procedures that will be used  
13           to disassemble, dismantle, demolish or otherwise  
14           salvage items listed in (2) above.
- 15           6. A description of decontamination procedures for  
16           the items in (2) above for the purpose of  
17           limiting human exposure to hazardous substances.
- 18           7. A proposal for dust suppression during on-site  
19           activities.
- 20           8. A proposal for the cleanup of hazardous substances  
21           that pose a threat of airborne release to the  
22           environment.
- 23           9. A site safety plan.

24           C. Upon approval of the proposal by EPA, Kramer and Aero  
25 may conduct razing, demolition or salvaging activities at the  
26 site if such activities are in full compliance with the approved  
27 proposal.

28    ///

1 VIII. Submittals

2 All submittals and notifications to EPA required by  
3 this Order or any approved proposal under this Order shall be  
4 made to:

5 Jeff Zelikson  
6 Director, Toxics and Waste Management Division  
7 United States Environmental Protection Agency  
8 Region 9  
9 215 Fremont Street  
10 San Francisco, California 94105

11 Copies of all submittals and notifications shall be sent to  
12 the On-Scene Coordinator.

13 All approvals and decisions of EPA made regarding the sub-  
14 mittals and modifications shall be communicated to Respondents by  
15 the Director, Toxics Waste and Management Division or his  
16 designee. No informal advice, guidance, suggestions, or comments  
17 by EPA regarding reports, plans, specifications, schedules, or  
18 any other matter will relieve Respondents of their obligation to  
19 obtain formal approvals as required by this Order.

20 IX. Access

21 Respondents shall provide EPA employees and other represen-  
22 tatives with complete access to the facility at all times. Noth-  
23 ing in this Order limits any access rights that EPA or other  
24 agencies may have pursuant to law.

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XVII. Effective Date

Notwithstanding any conferences requested pursuant to the provisions of this Order, this Order is effective on the date of execution by the Director, Toxics and Waste Management Division, EPA Region 9.

IT IS SO ORDERED on this 7<sup>th</sup> day of June, 1988.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

by:   
Jeff Zelikson  
Director, Toxics and Waste Management Division  
EPA, Region 9

Contacts:

Dan Shane  
Field Operations Branch, T-3-3  
U.S. Environmental Protection Agency  
215 Fremont Street  
San Francisco, CA 94105  
(415) 974-8361

Marcia Preston  
Assistant Regional Counsel  
Office of Regional Counsel  
U.S. Environmental Protection Agency  
215 Fremont Street  
San Francisco, CA 94105  
(415) 974-0275

James C. Hanson  
Superfund Enforcement Branch, T-4-4  
U.S. Environmental Protection Agency  
215 Fremont Street  
San Francisco, CA 94105  
(415) 974-7232

1  
2  
3 Results of Sample Analysis  
4 H. Kramer and Company

5

SAMPLE ID	BERYLLIUM	CADMIUM	COPPER	LEAD	ZINC
D-1	114*	-	21,200	2,900	99,800
6 S-1	178	-	13,600	3,060	137,000
P-1	283	-	8,450	1,600	90,800
7 C-1	-	-	119,000	48,800	27,200
B-1	-	909	8,900	43,500	473,000
8 F-1	-	-	130,000	11,600	96,600
SP-1	-	-	-	2,490	15,700
9					
TTLIC**					
10 LIMIT	75	100	2,500	1,000	5,000

11 \* All values in mg/kg

12 \*\* Total Threshold Limit Concentration (TTLIC)

13 - Sample analysis results less than TTLIC

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## Long time coming - Real Estate

Los Angeles Business Journal, Feb 4, 2002 by Danny King

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And you thought your property as hard to lease...

A 5.2 acre parcel in El Segundo that sat vacant for 20 years finally found a tenant after 11 years on the market. The property, near the intersection of Rosecrans Avenue and Aviation Boulevard, was leased by California Storage-masters in an 11-year deal worth \$1.5 million.

The site, once home to a smelting company, has no street frontage and had contamination issues. But the landowners, Chicago-based H. Kramer Co., capped part of the property with concrete and asphalt, on which the tenant will be storing its recreational vehicles and boats.

"There have been at least two business cycles since this property has been put on market," said tenant rep Jim Sullivan, broker with Klabin Co.

Jim Biondi of Grubb & Ellis Co. represented the landlord in the deal.

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**AR0004**

September 9, 1988

U.S. Environmental Protection Agency	Ref. No. 19-0988-001
215 Fremont Street	TDD No. T098802-019
San Francisco, CA 94105	PA No. TCA1097-SAA

Attention: William E. Lewis, Deputy Project Officer

Subject: H. Kramer and Company, Site Assessment  
El Segundo, California

The Technical Assistance Team (TAT) has continued monitoring activities surrounding the H. Kramer and Company (HK&C) site since completing site assessment (SA) activities in March, 1988. An interim report detailing results of the SA and recommendations was submitted May 16, 1988. This final report will outline the chronology of events that have occurred since the initial SA. It should be noted that these events have been very limited since TAT's involvement at the site.

On May 24, 1988, TAT members R. Randall and S. Wolfe accompanied On-Scene Coordinator (OSC) D. Shane to a scheduled meeting with representatives from HK&C and Aero Industries (Aero). The meeting had been arranged to discuss salvage and site remediation plans proposed by Aero. Prior to Aero initiating any salvage operations, OSC Shane directed their representatives to submit a site operations workplan to the Environmental Protection Agency (EPA) for approval. The meeting was adjourned with Aero's commitment of developing the specified workplan.

A workplan was prepared by Thorne Environmental and delivered to the EPA in June. The plan was reviewed by TAT and OSC Monsees with several deficiencies being noted. In short, the workplan did not fully address dust suppression activities, airborne release monitoring, site characterization plans, and wastewater treatment. A meeting was subsequently scheduled between EPA and Aero representatives to discuss the workplan deficiencies.



# IT ANALYTICAL SERVICES

17605 Fabrica Way • Cerritos, California 90701 • 213-921-9831 / 714-523-9200



## CERTIFICATE OF ANALYSIS

Prepared For: IT Corporation - H. Kramer  
17500 Redhill Ave., Suite 100  
Irvine, CA 92714

Date: January 10, 1986

Attn: Essi Esmaili

Page 1 of 2

Date Received: December 27, 1985

P.O. Number: PC3551

Job Number: 35425/rjc

Four (4) samples.

The samples were digested with acid and analyzed by Atomic Absorption Spectroscopy and Inductively Coupled Plasma. The results are listed on the following page.

I certify that this report truly represents the finding of work performed by me or under my direct supervision

Byron Thomas  
Chemist

Reviewed and Approved:

Steve Jones, Ph.D.  
Technical Director

IT Corporation  
E. Esmaili

December 17, 1985  
JN: 35254 - Page 2

Concentration, milligrams/liter

	<u>W-1 #1</u>	<u>W-2 #1</u>	<u>W-3 #1</u>
Antimony	ND<0.5	TR<0.5	1.5
Arsenic	0.21	19.7	0.40
Barium	TR<0.1	TR<0.1	0.1
Beryllium	ND<0.03	ND<0.03	ND<0.03
Cadmium	ND<0.03	ND<0.03	ND<0.03
Chromium	0.4	0.2	ND<0.1
Cobalt	ND<0.1	ND<0.1	ND<0.1
Copper	ND<0.08	0.08	ND<0.08
Lead	ND<0.2	ND<0.2	ND<0.2
Mercury	TR<0.001	0.006	0.001
Molybdenum	ND<0.5	ND<0.5	ND<0.5
Nickel	ND<0.1	TR<0.1	ND<0.1
Selenium	0.02	0.02	0.59
Silver	ND<0.03	ND<0.03	ND<0.03
Thallium	ND<0.5	ND<0.5	ND<0.5
Vanadium	ND<0.1	ND<0.1	ND<0.1
Zinc	0.1	TR<0.1	TR<0.1

ND - This compound was not detected; the limit of detection for this analysis is less than the amount stated in the table above.

TR - Trace, this compound was present, but was below the level at which concentration could be determined.

IT Corporation  
E. Esmaili

February 24, 1986  
JN: 35209

GC PESTICIDE ANALYSIS

SAMPLE IDENTIFICATION: 35209 - B2, #3

DATE ANALYZED: 12-10-85

UNITS: Micrograms/kilogram (ppb)

PESTICIDES-(PP's)

alpha-BHC	ND<2
beta-BHC	ND<2
delta-BHC	ND<2
gamma-BHC (Lindane)	ND<2
Heptachlor	ND<2
Aldrin	ND<2
Heptachlor Epoxide	ND<2
Endosulfan I	ND<4
Dieldrin	ND<4
4,4'-DDE	ND<4
Endrin	ND<4
Endosulfan II	ND<4
4,4'-DDD	ND<4
Endrin Aldehyde	ND<4
Endosulfan Sulfate	ND<4
4,4'-DDT	ND<4
Methoxychlor	ND<20
Endrin Ketone	ND<4
Chlordane	ND<20
Toxaphene	ND<40
PCB-1016	ND<20
PCB-1221	ND<20
PCB-1232	ND<20
PCB-1242	ND<20
PCB-1248	ND<20
PCB-1254	ND<40
PCB-1260	ND<40

ND - This compound was not detected; the limit of detection for this analysis is less than the amount stated in the table above.

TR - Trace, this compound was present, but was below the level at which concentration could be determined.

IT Corporation  
E. Esmaili

February 24, 1986  
JN: 35209

GC PESTICIDE ANALYSIS

Method blank

SAMPLE IDENTIFICATION: 35209 - MB1205P3

DATE ANALYZED: 12-10-85

UNITS: Micrograms/kilogram (ppb)

PESTICIDES-(PP's)

<u>alpha-BHC</u>	<u>ND&lt;2</u>
<u>beta-BHC</u>	<u>ND&lt;2</u>
<u>delta-BHC</u>	<u>ND&lt;2</u>
<u>gamma-BHC (Lindane)</u>	<u>ND&lt;2</u>
<u>Heptachlor</u>	<u>ND&lt;2</u>
<u>Aldrin</u>	<u>ND&lt;2</u>
<u>Heptachlor Epoxide</u>	<u>ND&lt;2</u>
<u>Endosulfan I</u>	<u>ND&lt;4</u>
<u>Dieldrin</u>	<u>ND&lt;4</u>
<u>4,4'-DDE</u>	<u>ND&lt;4</u>
<u>Endrin</u>	<u>ND&lt;4</u>
<u>Endosulfan II</u>	<u>ND&lt;4</u>
<u>4,4'-DDD</u>	<u>ND&lt;4</u>
<u>Endrin Aldehyde</u>	<u>ND&lt;4</u>
<u>Endosulfan Sulfate</u>	<u>ND&lt;4</u>
<u>4,4'-DDT</u>	<u>ND&lt;4</u>
<u>Methoxychlor</u>	<u>ND&lt;20</u>
<u>Endrin Ketone</u>	<u>ND&lt;4</u>
<u>Chlordane</u>	<u>ND&lt;20</u>
<u>Toxaphene</u>	<u>ND&lt;40</u>
<u>PCB-1016</u>	<u>ND&lt;20</u>
<u>PCB-1221</u>	<u>ND&lt;20</u>
<u>PCB-1232</u>	<u>ND&lt;20</u>
<u>PCB-1242</u>	<u>ND&lt;20</u>
<u>PCB-1248</u>	<u>ND&lt;20</u>
<u>PCB-1254</u>	<u>ND&lt;40</u>
<u>PCB-1260</u>	<u>ND&lt;40</u>

ND - This compound was not detected; the limit of detection for this analysis is less than the amount stated in the table above.

TR - Trace, this compound was present, but was below the level at which concentration could be determined.

SAMPLE IDENTIFICATION: B-2#3  
DATE ANALYZED: 12/04/85  
UNITS: UG/KG

CAS #	COMPOUND	CONC
=====	=====	=====
71-43-2	BENZENE	5. ND
56-23-5	CARBON TETRACHLORIDE	5. ND
108-90-7	CHLOROBENZENE	5. ND
107-06-2	1, 2-DICHLOROETHANE	5. ND
71-55-6	1, 1, 1-TRICHLOROETHANE	5. ND
75-34-3	1, 1-DICHLOROETHANE	5. ND
79-00-5	1, 1, 2-TRICHLOROETHANE	5. ND
79-34-5	1, 1, 2, 2-TETRACHLOROETHANE	5. ND
75-00-3	CHLOROETHANE	5. ND
110-75-8	2-CHLOROETHYL VINYL ETHER.	50. ND
67-66-3	CHLOROFORM	5. ND
75-35-4	1, 1-DICHLOROETHENE	5. ND
156-60-5	TRANS-1, 2-DICHLOROETHENE	5. ND
78-87-5	1, 2-DICHLOROPROPANE	5. ND
10061-02-6	TRANS-1, 3-DICHLOROPROPENE	5. ND
10061-01-5	CIS-1, 3-DICHLOROPROPENE	5. ND
100-41-4	ETHYLBENZENE	5. ND
75-09-2	METHYLENE CHLORIDE	5. ND
74-87-3	CHLOROMETHANE	5. ND
74-83-9	BROMOMETHANE	5. ND
75-25-2	BROMOFORM	5. ND
75-27-4	BROMODICHLOROMETHANE	5. ND
124-48-1	CHLORODIBROMOMETHANE	5. ND
127-13-4	TETRACHLOROETHENE	5. ND
108-88-3	TOLUENE	5. ND
79-01-6	TRICHLOROETHENE	5. ND
75-01-4	VINYL CHLORIDE	5. ND
67-64-1	ACETONE	50. ND
78-93-3	2-BUTANONE	50. ND
75-15-0	CARBON DISULFIDE	5. ND
519-78-6	2-HEXANONE	5. ND
108-10-1	4-METHYL-2-PENTANONE	5. ND
100-42-5	STYRENE	5. ND
108-05-4	VINYL ACETATE	5. ND
95-47-6	TOTAL XYLENES	5. ND
106-93-4	ETHYLENE DIBROMIDE	5. ND

ND - THIS COMPOUND WAS NOT DETECTED; THE LIMIT OF DETECTION FOR THIS COMPOUND IS STATED TO THE LEFT OF THE ND SPECIFIER.

TR - TRACE, THIS COMPOUND WAS PRESENT, BUT WAS BELOW THE LEVEL AT WHICH THE CONCENTRATION COULD ACCURATELY BE DETERMINED. THE APPROXIMATE CONCENTRATION IS REPORTED FOR YOUR REFERENCE.

IT Corporation  
E. Esmaili

February 24, 1986  
JN: 35209 - Page 2

Table I

	Milligrams/kilogram				
	<u>W-1 #1</u>	<u>B-1 #3</u>	<u>B-1 #1</u>	<u>B-2 #1</u>	<u>B-2 #3</u>
Cobalt	3	4	22	28	9
Silver	ND<0.1	ND<0.1	1.5	3	ND<0.1
Arsenic	11	2060	31	40	136
Selenium	0.3	4	TR<0.1	0.1	TR<0.1
Antimony	TR<1	50	11	ND<1	6
Beryllium	TR<1	TR<1	98	93	TR<1
Cadmium	1	1	15	17	3
Chromium	7	8	50	44	18
Copper	52	68	1.02%*	9700	51
Lead	3	20	3000	2700	8
Nickel	4	7	106	155	12
Zinc	16	209	6.36%*	7.9%*	111
Thallium	TR<5	TR<5	TR<5	10	6
Molybdenum	TR<1	TR<1	22	19	1
Vanadium	16	13	23	25	35
Barium	58	58	190	246	167
Mercury	1	9	60	67	3

\* - Value in percent.

ND - This compound was not detected; the limit of detection for this analysis is less than the amount stated in the table above.

TR - Trace, this compound was present, but was below the level at which concentration could be determined.

APPENDIX B  
CERTIFICATES OF ANALYSIS



APPENDIX A  
BORING LOGS



DEPTH IN FEET	LABORATORY TEST DATA										PENETRATION RESISTANCE (BLOWS/FT) SAMPLE		USCS PROFILE		DESCRIPTION	
	TESTS REPORTED ELSEWHERE	ATTERBERG LIMITS		STRENGTH TEST DATA					MOISTURE CONTENT (%)	DRY DENSITY (PSF)						
		LIQUID LIMIT (%)	PLASTICITY INDEX(%)	TYPE OF TEST	NORMAL OR CONFINING PRESSURE(PSF)	DEVIATOR STRESS (PSF)	SHEAR STRENGTH (PSF)									
0																Very stiff to hard, rusty black to black SLAG, moist.
5																
10																▽ Saturated from 10 feet.
12.75'																
15																Very stiff, black CLAY, saturated
17.5'																
20																Dense to very dense, light brown SILTY SAND, moist.
25																
26.0																TOTAL DEPTH - 26.0 FEET
30																
35																
40																
45																
50																
55																
60																
65																
70																

# BORING NO. B-1

COORDINATES N For approximate location,  
E see Figure 2.

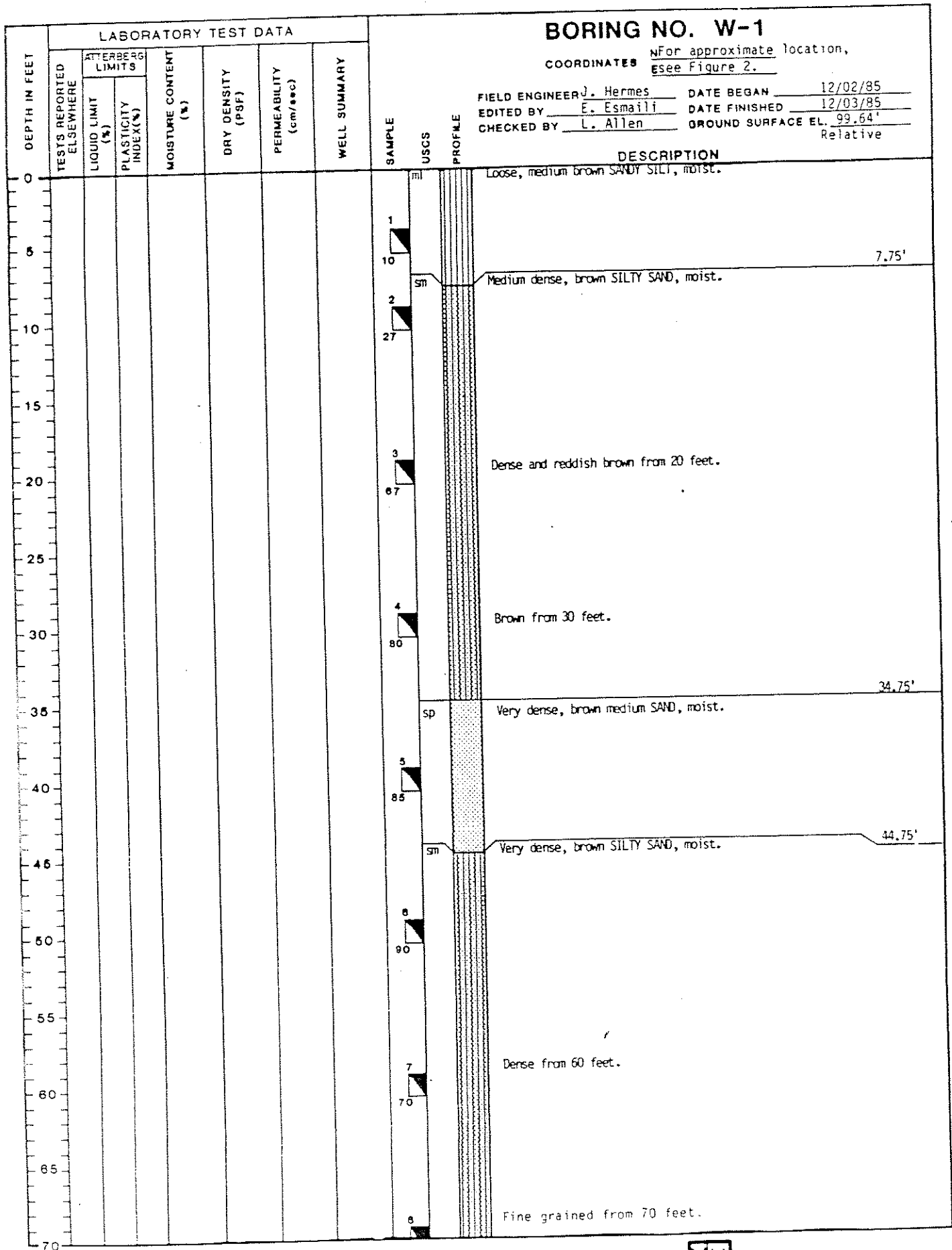
FIELD ENGINEER J. Hermes DATE BEGAN 12/12/85  
 EDITED BY E. Esmatti DATE FINISHED 12/03/85  
 CHECKED BY L. Allen GROUND SURFACE EL. Not measured

PROJECT NO. 850150-81  
 CLIENT H. Kramer

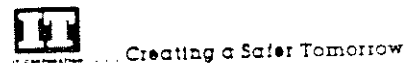
SEE LEGEND FOR LOGS AND TEST PITS  
 FOR EXPLANATION OF SYMBOLS AND TERMS



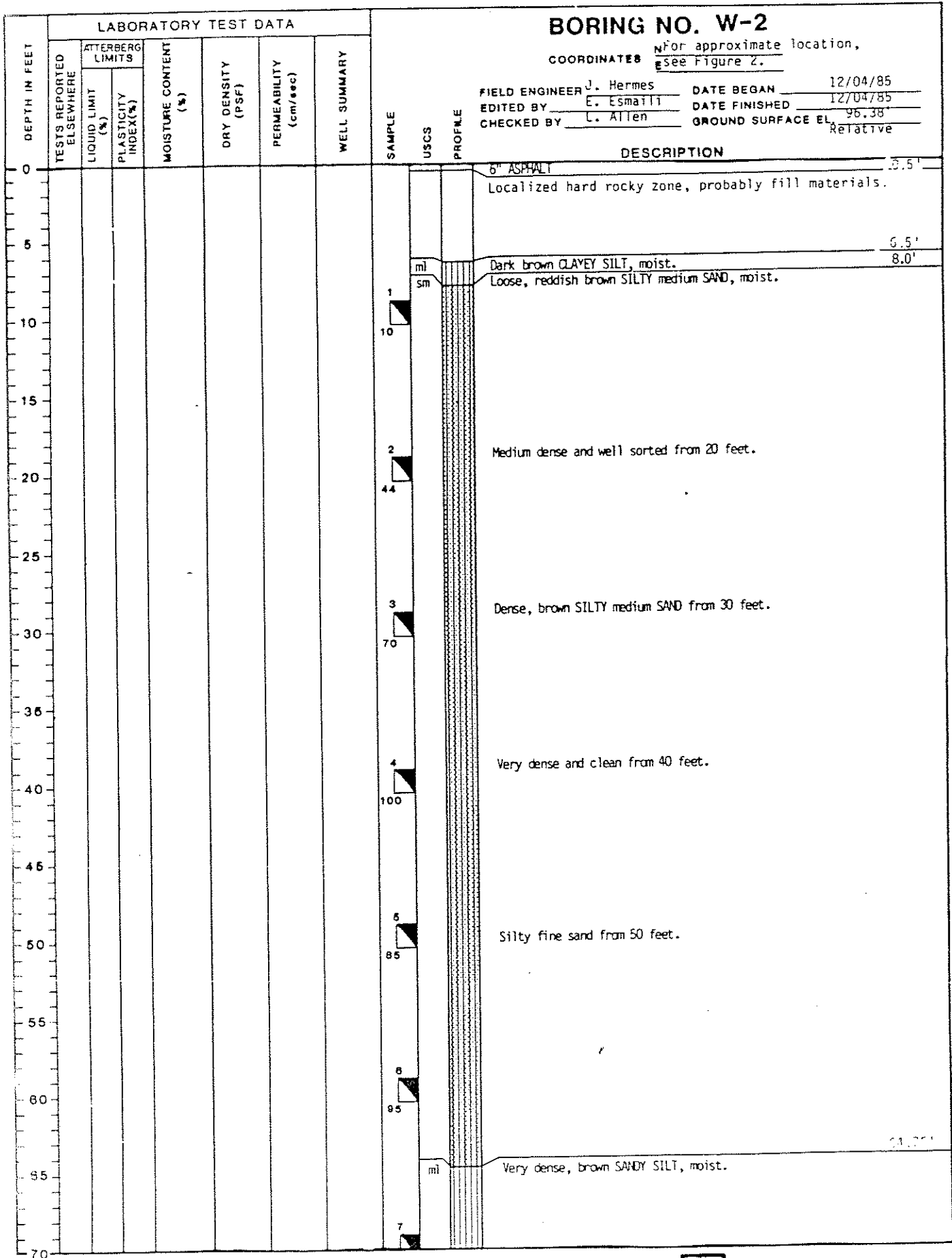
... Creating a Safer Tomorrow



PROJECT NO. 850150-W1  
 CLIENT H. Kramer



SEE LEGEND FOR LOGS AND TEST PITS  
 FOR EXPLANATION OF SYMBOLS AND TERMS



# BORING NO. W-2

COORDINATES  $N$  For approximate location, see Figure Z.

FIELD ENGINEER J. Hermes DATE BEGAN 12/04/85  
 EDITED BY E. Esmailli DATE FINISHED 12/04/85  
 CHECKED BY L. Allen GROUND SURFACE EL. 96.38'  
 Relative

PROJECT NO. 850150-W2  
 CLIENT H. Kramer



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SEE LEGEND FOR LOGS AND TEST PITS  
 FOR EXPLANATION OF SYMBOLS AND TERMS

# BORING NO. W-3

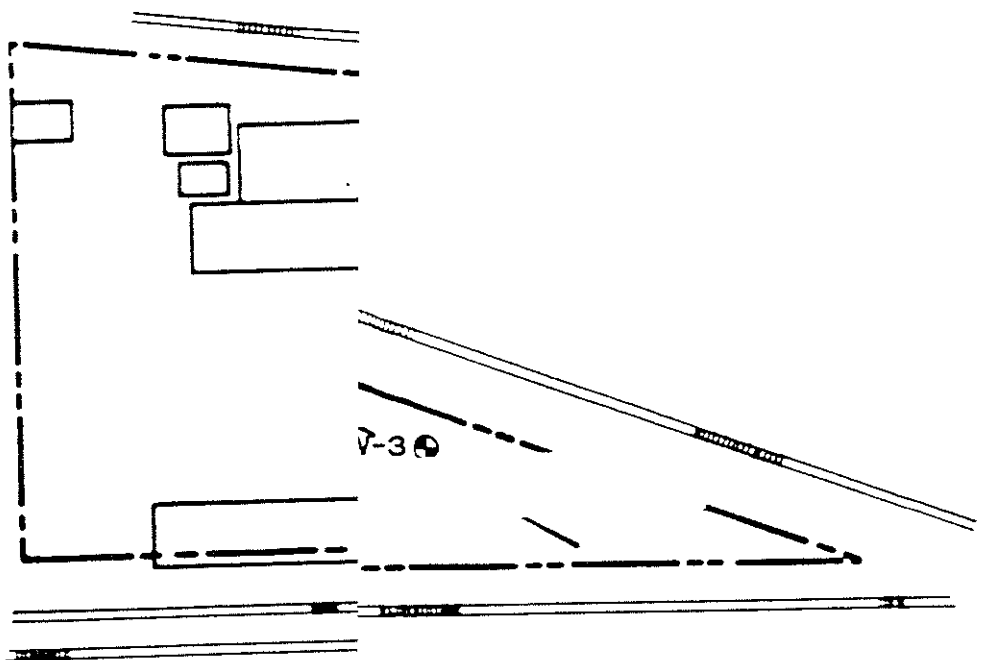
COORDINATES  $N$  For approximate location,  
 $E$  see Figure 2.

FIELD ENGINEER J. Hermes DATE BEGAN 12/05/85  
 EDITED BY E. Esmatti DATE FINISHED 12/06/85  
 CHECKED BY L. Allen GROUND SURFACE EL. 92.11'  
 Relative

DEPTH IN FEET	LABORATORY TEST DATA							PENETRATION RESISTANCE (BLOWS/FT) SAMPLE	USCS	PROFILE	DESCRIPTION	
	TESTS REPORTED ELSEWHERE	ATTERBERG LIMITS		STRENGTH TEST DATA			MOISTURE CONTENT (%)					DRY DENSITY (PSF)
		LIQUID LIMIT (%)	PLASTICITY INDEX (%)	TYPE OF TEST	NORMAL OR CONFINING PRESSURE (PSF)	DEVIATOR STRESS (PSF)						
0									cl	Very stiff, medium brown SILTY CLAY, trace of gravel, dry to moist. (FILL)		
5								38				
8.25'									SI	Loose, orange brown SILTY SAND, moist.		
10								11				
15												
20										Medium dense and dark brown from 20 feet.		
25												
30								48		Very dense and brown medium grained from 30 feet.		
35												
40												
45												
50								95		Fine sand from 50 feet.		
55												
60												
65								100		A gravel layer from about 65 feet to about 68 feet.		
68.0'										Water level was measured on 1/15/86		
70								82	cl	Hard, medium brown SILTY CLAY, saturated		

PROJECT NO. 850150-W3  
 CLIENT H. Kruger  
 SEE LEGEND FOR LOGS AND TEST PITS  
 FOR EXPLANATION OF SYMBOLS AND TERMS

DRAWING NUMBER 850160-B1  
 CHECKED BY E.E.  
 APPROVED BY F.E.  
 DRAWN BY J.V.A.



- LEO
- ⊙ EAST WIT OF
- W-1 ⊕ MC
- B-1 ⊕ SH
- 19 — GR BA OF

FIGURE 2

SITE PLAN, LOCATION OF  
 MONITORING WELLS, AND  
 GROUND WATER CONTOURS  
 1-15-86

PREPARED FOR

H. KRAMER & COMPANY  
 EL SEGUNDO, CALIFORNIA

REFERENCE  
 A.L.T.A SURVEY BY  
 JENNINGS ENGINEERING CO  
 FOR H. KRAMER & CO., 9/13/86



Creating a Safer Tomorrow

133993

AR0001

SFUND RECORDS CTR  
0660-00003

TABLE 1

TOTAL CONCENTRATION OF SELECTED METALS IN SLAG AND SOIL SAMPLES  
(Concentrations in milligram/kilogram, ppm)

SAMPLE NO.	SAMPLING INTERVAL (ft)	ARSENIC	BERYLLIUM	CADMIUM	COPPER	LEAD	MERCURY	ZINC
W-1 #1	4-5.5	11	TR<1 <sup>(a)</sup>	0.1	52	3	1	16
<i>slag file</i> B-1 #1	4.5-6	31	98	15	10,200	3,000	60	63,600
<i>slag file</i> B-1 #3	15.5-16	2,060	TR<1	1	68	20	9	209
<i>slag file</i> B-1 #4	19.5-21	3.6	0.37	<0.3	11	6.8	0.004	9.8
B-1 #5	24.5-26	1.7	TR<0.3	<0.3	22	5.8	0.014	14
<i>slag file</i> B-2 #1	4.5-6	40	93	17	9,700	1,700	67	79,000
B-2 #3	14.0-15.5	136	TR<1	3	51	8	3	111
B-2 #4	19.0-20.5	3.2	0.6	1.5	13	14	0.0007	37
B-2 #5	24.0-25.5	2.5	0.8	2.2	20	20	0.020	47
TTLIC		500	75	100	2,500	1,000	20	5,000

(a) TR-Trace, this element was present, but was below the level at which concentration could be determined.

0033-T1R1



TABLE 3

CONCENTRATIONS OF SELECTED  
ORGANIC COMPOUNDS IN GROUND-WATER SAMPLES  
(microgram/liter, ppb)

<u>COMPOUND</u>	<u>WELL IDENTIFICATION NUMBERS</u>	
	<u>W-1</u>	<u>W-3</u>
1,1,1-Trichloroethane (TCA)	13	ND <sup>1</sup>
Tetrachloroethene (PCE)	21	38
Trichloroethene (TCE)	110	84

<sup>1</sup>ND - Not Detected

0033-T3R1

## FIGURES

	<u>B-1 #4</u>	<u>B-1 #5</u>	<u>B-2 #4</u>	<u>B-2 #5</u>
Antimony	ND<5	TR<0.5	TR<0.5	ND<0.5
Arsenic	3.6	1.7	3.2	2.5
Barium	12	13	75	80
Beryllium	0.37	TR<0.3	0.6	0.8
Cadmium	ND<0.3	ND<0.3	1.5	2.2
Chromium	2.9	3.0	5.9	7.5
Cobalt	1.7	TR<1	6.6	11
Copper	11	22	13	20
Lead	6.8	5.8	14	20
Mercury	0.004	.014	.007	.020
Molybdenum	ND<0.7	ND<0.7	0.7	0.7
Nickel	5.1	2.9	7.3	13
Selenium	ND<0.05	ND<0.05	ND<0.05	TR<0.05
Silver	0.7	0.8	1.6	2.0
Thallium	TR<0.5	TR<0.5	TR<0.5	TR<0.5
Vanadium	TR<10	TR<10	TR<10	TR<10
Zinc	9.8	14	37	47

ND - This compound was not detected; the limit of detection for this analysis is less than the amount stated in the table above.

TR - Trace, this compound was present, but was below the level at which concentration could be determined.

## GUIDANCE DOCUMENTS

AR0005

The following is a list of U.S. EPA Guidance Documents consulted during development and selection of Response Action for H. Kramer and Company Superfund Removal Site, El Segundo, California. These documents are included in the Compendium of CERCLA Response Selection Guidance Documents, which is available for public review at the Superfund Records Center, EPA Region 9, San Francisco.

COMPENDIUM OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS  
\*\*\* INDEX \*\*\*

HQ No	RC No	Vol	Title/ID Number	Date	Authors	Pages	OSWER/EPA Number
** REMOVAL ACTION							
1006		1	SUPERFUND REMOVAL PROCEDURES, REVISION #3	02/01/88	- OSWER/OERR	365	OSWER #9360.0-03B
** RI/FS - LAND DISPOSAL FACILITY TECHNOLOGY							
2204		13	LAND DISPOSAL RESTRICTIONS	08/11/87	- LONGEST, H.L./OERR - LUCERO, G./OWPE	23	
** REGION 9 ADDITIONS							
9009		40	NATIONAL OIL & HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY GUIDANCE, PART 300, 40 CFR CH. 1 (7/1/85 EDITION), PP. 664 - 755	07/01/85		92	
9010		40	SUPERFUND AMENDMENTS & REAUTHORIZATION ACT OF 1986 (SARA)	10/17/86	- 99TH CONGRESS OF U.S.	130	

1006