# NEWELL, CAMPBELL & ROCHÉ LLP

LAWYERS

BILTMORE COURT

520 SOUTH GRAND AVENUE, SUITE 390

LOS ANGELES, CALIFORNIA 90071-2600

(213) 622-9444

FAX (213) 622-3634

www.ncrlaw.com

November 27, 2007

#### VIA FEDERAL EXPRESS

Linda Ketellapper, SFD-7-5 United States Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105

Re: Omega Superfund Site/Supplemental Production of Documents of Respondent, Air Liquide America L.P.

Dear Ms. Ketellapper:

Pursuant to Instruction 6 ("Continuing Obligation") of EPA's 104(e) Request for Information (Omega Superfund Site) to Air Liquide America L.P., I have enclosed a supplemental production of documents.

Documents bearing Bates identification "Dice 01780" through "Dice 01867" are responsive to Request No. 10. Documents bearing Bates identification "Dice 01868" through "Dice 02054" make up the Witco Phase I & II Site Assessment Reports identified at Response 2, subdivision 2 d, and also identified in footnote 1.

If you have questions, please call me.

STEPHEN G. MASON

Very <del>tru</del>ly your

SGM:lam

cc: Stephen D. Berninger, Regional Counsel Stephanie K. Payne, Esq.

# Whitaker Concrete Corp.

P.O. BOX 275, LYNWOOD, CA 90262 . (213) 639-1904

October 13,1988

George DeVries 4520 E. Slauson Ave. Maywood, Ca. 90270

Re: Liquid Air 8832 Dice Rd. Santa Fe Springs

Dear Mr. DeVries:

Liquid Air has requested the permanent closure of 2-7,500 diesel, 1-6,200 gallon acetone, and 1-1000 wasteoll steel tanks. The decision was based on the possibility of future tank leakage that could cause a contamination of the soil.

The necessary tank removal permits were obtained by an agent of Whitaker Concrete Corp. and signed by the proper regulatory agency. The tanks were rendered inert and removed from the site on September 21, 1988. The tanks were flushed three times and cooled with dry ice. Excavation and removal was performed by agents of WCC and observed by inspectors from the applicable regulatory agencies.

Upon removal of the tank, seven soil samples were taken from approximately two feet below the removed tanks. The samples were stored in ice and transported to Certified Testing Lab. Inc. for analysis. Chain-of Custody records were maintained to insure its traceability.

The soil samples were tested for Total Petroleum Hydrocarbons (TPH) using EPA method 418.1. Laboratory test results are attached.

The test results (see laboratory results) indicate the soil to be clear of contaminates.

Respectfully Symitted,

Sid Whitaker Project Manager

Plate 3

"WE SAW YOU FIRST"

# certified testing laboratories, inc.

#05 EAST CENTURY BLVD. . SO-H GATE, Cx21F. 90280 . (213) 564-2641

LABORATORY NO 3922 REPORTED 09-29-88 SAMPLED CLIENT Whitaker Concrete Corporation P.O. Box 275 Lyriwood, CA 90262 REPORTED 09-21-88 Attn: Sid Whitaker SAMPLE Soil ' Liquid Air Corp. 9/21/88 MARKS Location Description: 2 ft under tank BASED ON SAMPLE As received Total Recoverable Petroleum Hydrocarbons Detection RESULTS EPA 418.1. mg/Kg Limit, mg/Kg SP-1 2:30 SP-2 2:30 SP-3 3:00 SP-4 3:00 ND ND 95 ND 5 SP-5 1:00 ND

Attachment: Chain of custody

Respectfully submitted, CERTIFIED TESTING LABORATORIES, INC.

Stuart E. Salot, Ph.D. J Laboratory Director **DICE 01781** 

Plate 4 (1 of 2)

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole of in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

Oct 10 2007 12:44 P.13

UIR LIQUIDE AMERICA LP Fax:15626931156



# certified testing laboratories, inc.

05 EAST CENTURY BLVD. . SCLAH GATE, L. IF. 90280 . (213) 564-2641

LABORATORY NO.

4023

REPORTED 10-09-88

CLIENT

Whitaker Concrete Corp.

Р.О. Вож 275

SAMPLED

Lynwood, CA 90262

Attn: Syd Whitaker

RECEIVED 09-29-88

SAMPLE

Soil .

MARKS

Project name: Liquid Air - Santa Fe Springs

BASED ON SAMPLE

As received

RESULTS

Sample ID

Total Recoverable Petroleum Hydrocarbons

Method 418.1, mg/Kg

SPIA

ST=1 West 4 feet

805

SF-2 East 4 feet

6,930

SP-2A

Chain of Custody Attachment:

Note: Samples relabeled to correspond to Plate 2

Respectfully submitted, CERTIFIED TESTING LABORATORIES, INC.

Laboratory Director

**DICE 01782** 

Plate 4 (2 of 2)

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As simutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole of in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

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GENERATOR COPY

DICE 01786

Plate 6 (2 of 3)

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RECYCLING, INC.	4	TANK	DISPO	SAL F	ORM
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THE PROJECTED TANKS	-(dxx)	1.100	ORDERED BY:	Lic	P3
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All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.	==	9000 10000	<b>0</b> 000	3.82 4.33	
Contractor's signature represents acceptance of terms for payment, and confirms that tank	NO. OF TAN	12000 UKS	TOTAL	4.93 NET TONS	<del></del> -
removal complies with State laws.	2_		1-211.70	6.52	
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CERTIFICATE OF TANK DISPOSAL / DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANKIS) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED
AND ACCEPTANCE OF THE TANKIS) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED
TO SERVE PURPOSES ONLY. AUTHORIZED REA

STEEL 105

'F - FIBERGLASS

DICE 01787

Plate 6 (3 of 3)

CONTRACTOR'S SIGNATURE



So. California Field Office, 1666 Newport Blvd., #116, Costa Mesa, CA 92626 Tel 714-675-5754 • Fax 714-675-5943

December 5, 1988

PROJECT REPORT

SITE ASSESSMENT FOR DIESEL CONTAMINATION OF SOIL AT:

LIQUID AIR CORPORATION 8832 DICE ROAD SANTA FE SPRINGS, CA

Prepared For:

Liquid Air Corporation 8832 Dice Road Santa Fe Springs, Ca

Submitted By:

Aqua Science Engineers 1666 Newport Blvd. #166 Costa Mesa, CA 92926

**DICE 01788** 

Aqua Science Engineers Inc., RO. Box 635, San Ramon, CA 94583 🕟 415-820-9391

Oct 10 2007 12:45 P.20

WIK FIGUIDE AMERICA LP Fax:15626931156





So. California Field Office, 1666 Newport Blvd., #116, Costa Mesa, CA 92626 Tel 714-675-5754 • Fax 714-675-5943

December 5, 1988

PROJECT REPORT

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SITE ASSESSMENT FOR DIESEL CONTAMINATION OF SOIL AT:

LIQUID AIR CORPORATION 8832 DICE ROAD SANTA FE SPRINGS, CA

For Aqua Science Engineers, Inc.:

No. 38738

Exp. 17-8

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ATE OF CANTON

Michael Marello Geological Operations

David M. Schultz Vice President Field Operations

**DICE 01789** 

Aqua Science Engineers Inc., P.O. Box 535, San Ramon, CA 94583 · 415-820-9391

Oct 10 2007 12:45 P.21

UIK FIGNIDE UWEKICU F6 Fax:15626931156

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#### EXECUTIVE SUMMARY

The following is a report on the methods and findings of a site contamination assessment project conducted by Aqua Science Engineers at Liquid Air Corporation, Santa Fe Springs, California. This project is in response to hydrocarbon contamination discovered during the tank closure project conducted on September 21, 1987.

Chemical analysis of soil samples from the tank removal project indicated 805 ppm and 6,930 ppm total petroleum hydrocarbons (TPH) in soil samples collected from beneath two diesel fuel product dispensers (see George DeVrees tank closure report dated November 2, 1988). The soil samples were collected at approximately four feet below the dispensers. Soil samples collected from beneath the diesel fuel tanks indicated non-detectable levels of TPH.

On November 18, 1988 Aqua Science collected soil samples at 5, 10, 15, 20, 30 and 40 feet from each of two soils borings drilled directly adjacent to the locations of two product dispensers (Figure 1). The purpose of the bore holes were to collect soil samples to determine the extent of the hydrocarbon contamination discovered during the tank closure project. Groundwater was not encountered during drilling.

Logs of the well cuttings show that the native soils are primarily composed of silt, clayey-sandy silt, and well graded sand. The nearest LACFCD test well to the site is well #1623L which is located approximately 0.75-miles northeast of the site. The depth to groundwater from the surface, as measured in November 1987, was 58.2 feet below the ground surface. Local groundwater movement in the area is most probably southwest.

Chemical analyses of the soil samples conducted by West Coast Analytical Services, Santa Fe Springs, California, indicate 13 ppm TPH in the five-foot sample from boring #2. The laboratory analysis of the remaining samples from this boring, and from boring #1, indicate non-detectable levels of TPH by EPA method 418.1.

#### INVESTIGATIVE METHODS

#### DRILLING

The soils borings were drilled with a CME-75 truck mounted hydraulic rotary drill. Eight-inch O.D. hollow-stem continuous flight auger was used for all of the borings. A total of two borings were drilled to 40 feet below the ground surface. Locations of the borings are shown in Figure 1.

Soil samples were collected in each boring at 5, 10, 15, 20, 30 and 40 feet below the ground surface. The borings were backfilled with clean native soil after soil sample collection. Logs of the drill cuttings are shown on Figures 2 and 3.

#### SOIL SAMPLING

Soil samples were taken in the borings using a California split spoon sampler on November 18, 1988. The California split spoon sampler was steam cleaned before sampling and all drilling equipment was decontaminated by steam cleaning prior to drilling. The sampler was washed with a TSP and water solution between samplings.

The soil samples were collected in pre-cleaned, 2-inch by 4-inch aluminum liner tubes. The tube ends were secured with double-thickness aluminum foil and plastic end caps. The samples were placed in an ice chest with ice, and transported to West Coast Analytical Services (WCAS) in Santa Fe Springs, Ca for chemical analysis. A Chain-of-Custody form accompanied the samples to the laboratory (Appendix I).

#### CHEMICAL ANALYSIS

WCAS conducted the chemical analysis of the soils samples using the EPA methods shown in Table I. The soil samples were analyzed for total petroleum hydrocarbons (diesel) using modified EPA method 418.1. Values are given in ug/g (parts per million). Laboratory data sheets provided by WCAS are given in Appendix II.

#### RESULTS OF THE INVESTIGATION

#### GEOLOGY AND HYDROGEOLOGY

The bore hole locations are shown on Figure 1. An examination of the bore hole logs show that the soils to 40 feet beneath the site consist of the following: silt, clayey-sandy silt and well graded sand. The soil types encountered were classified using the Unified Soil Classification System (Appendix III).

The nearest LACFCD test well to the site is well number 1623L. The well is located approximately 0.75 miles to the northeast of the site.

The last groundwater measurement was conducted in November 1987. The depth to groundwater on that date was 58.2 feet below the ground surface.

An accurate determination of groundwater flow direction is beyond the scope of this project. However, the estimated direction of flow is southeast.

#### CHEMICAL ANALYSIS

The chemical analyses provided by WCAS of the soil samples from bore hole #2 indicate total petroleum hydrocarbon contamination ranging to 13 ppm in the five-foot sample. The analyses of the remaining samples from this boring were below detectable levels for EPA method 418.1; below 10 ppm. The chemical analyses of the soil samples from boring #1 indicated non-detectable levels of TPH for all samples. A summary of the laboratory data is given in Table I. The laboratory report provided by WCAS appears in Appendix II.

#### CONCLUSIONS

Elevated hydrocarbon concentrations were discovered in soil samples collected from beneath the two diesel product dispensers at this site. These samples were collected during the tank removal project conducted on September 21, 1988. The locations of the soil borings conducted for this project are located within five feet of the diesel product dispensers. If a significant amount of product leaked into soil at the dispensers, significant levels of soil contamination should have been indicated in the soils boring samples. However, only trace levels of TPH (13 ppm) were discovered in the five-foot sample from boring #2 (sample B2-5').

Bases on these results, significant levels of diesel contamination (if present) appear to be vertically and laterally restricted to small volumes of soil directly beneath the product dispensers. The total amount of effected soil is unknown. However, the total volume of soil containing TPH contamination above the 100 ppm action level established by Los Angeles County is expected to be small.

The suspect soil is presently located under a six-inch concrete pad which covers the entire site. Since the source of diesel contamination has been removed (product dispensers), potential vertical migration of the long-chain diesel hydrocarbons present in the soil is expected to be very limited. The potential impact of the contamination on land or groundwater use if expected to be insignificant. It is the opinion of Aqua Science Engineers that no further assessment or remediation work be required along these lines.

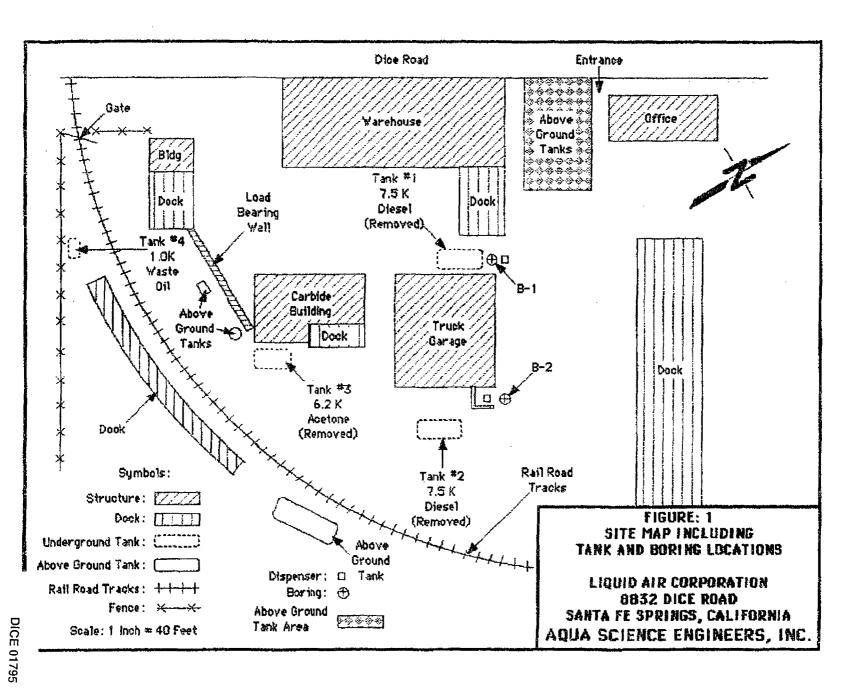
The results of this investigation represent conditions at the time and location at which samples were collected and for the parameters analyzed in the laboratory. It does not fully characterize the site for contamination resulting from other sources or parameters not analyzed. This report is subject to review by governing regulatory agencies.

TABLE I

Chemical	EPA Method Used
Constituents	in Analysis
Total Petroleum Hydrocarbons	418.1

Boring Number	Sample Designation	TPH Conc.
B-1	B1-5'	ND
	B1-10'	ND
	<b>B1-15'</b>	ND
	B1-20'	ND
	B1-30'	ND
	B1-40'	ND
B-2	B2-5'	13
	B2-10'	ND
	B2-15'	ND
	B2-20'	ND
	B2-30'	ND
	B2-40'	ND

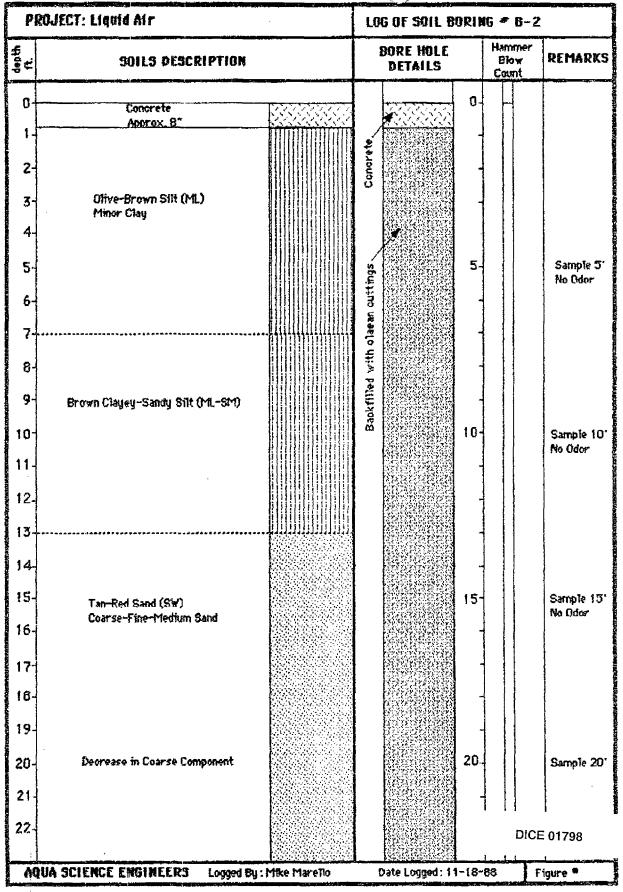
<sup>\*</sup> Detection level for EPA method 481.1 is 10 ug/g (ppm) (LUFT manual, May 1988)



S

PRO	JECT: Liquid Mr	LOG OF SOIL BORING # 8-1					
êg €.	SOILS DESCRIPTION BORE HOLE DETAILS						REMARKS
0	Concrete			12.22.22.22	0-	Н	
	Approx. 8*		/				
1			<b>4</b>				
2-			Conorete		-		
3-	Olive-Brown Silt (ML)		Ĭ		-		
4-							
5-			/		5-		Sample 5'
			t ing				No Odor
6-			No UR				
7-			Backfilled with claean outtings		1		
8			¥:		,		
9-							
			Back		4.0		
10-	Brown Clayey-Sandy Silt (ML-SM)				10-		Sample 10' No Odor
11-					-		
12	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
13-					_		ŀ
14	T D 10 1/01/0						
	Tan-Red Sand (SW) Coarse-Fine-Medium Sand				•		1
15-					15-		Sample 15 No Odor
16-					-		
17-							
10-							
19-							
20-	Decrease in Coarse Component			7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	20-		Sample 20
21							
22-						DICE	01796
							<u></u> .
AQU	A SCIENCE EMGINEERS Logged B	ky : Mike Marello	1	Date Logged: 11	-18-	88	figure #

PROJ	ECT: Liquid Air	LOG OF SOIL BOR	NG # B-	ì
± ±	SOILS DESCRIPTION	BORE HOLE DETAILS	Hammer Blow Count	REMARKS
23-	Tan-Red Sand (SW) Coarse-Fine-Medium Sand	23	;-	
24			4	
25				
26	Pale-Ofive Silt (ML)			
27-				
28-		28	3-	
29-	·			
30-				Sample 30
31-				No Odor
32-		·		
		72		
33		33	]	
34				
35				
36			1 11	
37-			1 1	
38-		31	3-	
39.			4	
40	E.O.H		-	Sample 40 No Odor
41				IND COOK
42-				
43-		4	3_	
44-				
45			}	CE 04===
			וט	CE 01797



PRO.	JECT: Liquid Air	·	LOG OF SOIL BOR	ING # B-	2
dept.	SOILS DESCRIPTION		BORE HOLE DETAILS	Hammer Blow Count	REMARKS
23-	Tan-Red Sand (SW) Coarse-Fine-Medium Sand		2	5-	
24	***************************************			1 11	
25-					
26	Pale-Olive Silt (ML)			-	
27				4	
28-			2	B-	
29-				1 11	
30-				1	Sample 30'
31				4	
32-				_	
33- 34-			3	3-	
35					
36⊹					
37-					
38-	Pale-Olive-Tan Sift (ML)		3	8-	
39.					
40					Sample 40'
41-					No Odor
42-					
43-			4	3.	
44-					
45-				DI	CE 01799
	A SCIENCE ENGINEERS Logged	By : Mike Marello		18-88	

P.O. Box 535.	San Rawon, CA 94583-0535		<b>G</b> ES	aqua science l'engineers inc.	(415) 820-9391
sjeck Hame: L	iquick Air	size: Santa	Fe Springs	Oate: 11-18-88	Libaratary: WCAS
ogle IV	Sample/Container Type	Analyze/ Hold	Analyza For:	Hethod - Detection Limit	Notes/Remarks
31-51	soil Altobe	<u>A</u>	418.1		
1-101					
1-15'					
1-301					
1-301					
1-40				<del></del>	
2-51					
7-101					
7-12,					
2-20'				-	
2-30'					
1_40	4	1.			**************************************
Soft N × No	ater 0 = Other				Collate all samples for single analysis.
		- Visi 0 - Other	l	of Custody	Collate and analyze two top samples and
Sampled by:	Michael Marello		: 11-13-28	Time 1250	cleam, do not analyze other sample.  — Call ASE for instructions.
		4. Received in Offi			- See attached protocol.

#11357

November 28, 1988

AQUA SCIENCE ENGINEERS 414 31st Street, #A Newport Beach, CA 92663

Attn:

Mike Marello

JOB NO.

11357

WEST COAST

ANALYTICAL

AREALTHUAL CREEKS IN

#### LABORATORY REPORT

Twelve (12) soils Samples Received:

Date Received: 11-18-88

Purchase Order No: LA 0148/Liquid Air

The samples were analyzed as follows:

Samples Analyzed

**Analysis** 

Results

Twelve (12) soils .

Total Petroleum Hydrocarbons

by EPA 418.1

Table I

Page 1 of 2

Shelley Rinker Senior Chemist D.J. Northington,

Technical Director

**DICE 01801** 

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225

### Appendix II

### WEST COAST ANALYTICAL SERVICE, INC.

AQUA SCIENCE ENGINEERS Mr. Mike Marello

Job # 11357 November 28, 1988

#### LABORATORY REPORT

# TABLE I Parts Per Million (ug/g)

Sample No.	Total Petroleum Hydrocarbons
B1-5'	ממ
B1-10'	ND
B1-15 1	ND
B1-20'	ND
B1-30'	ND
B1-40'	ND
B2-51	13
B2-10'	ND
B2-15 1	ND
B2-20'	ND
B2-30'	ND
B2-40'	ND
Detection Limit	10

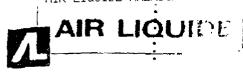
ND-Not Detected

Date Analyzed: 11-23-88

Page 2 of 2

Weis =====

	MAJOR DIVISI	3 <b>M</b> 5	γ	1,0,0,0,0	TYPICAL NAMES
GRAINED SOILS I LARGER THAN #200 SEVE	GRAVELS  MORE THAN HALF CO ARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	0000	Well graded gravels, Gravel – Sand Mixtures
			GP		FURKLI UKALEU UKAYELS,
		Gravels Yith Over 12% F押ES	GM	plalalala Blalalalala Blalalalala Blalalala	SILTY GRAVELS, POORLY GRADED GRAVEL – SAND – SILT MIXTURES
			GC		CLAYEY GRAVELS , POORLY GRADED GRAVEL – SAND – CLAY MIXTURES
THAN HALF IS	SANDS  MORE THAN HALF  COARSE FRACTION  IS SMALLER THAN  HO. 4 SIEVE	CLEAN SANDS WITH LITTLE OR NO FINES	SW		WELL GRADED SANDS, GRAVELLY SANDS
MORE THA			SP		Poorly Graded Sands, Gravelly Sands
~		Sands with Over 12% fines	SM		SILTY SANDS, POORLY GRADED SAND - SILT MIXTURES
			SC		CLAYEY SANDS, POORLY GRADED SAND- CLAY MIXTURES
ų	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50		ML		HORGANIC SILTS AND VERY FINE SANDS, ROCI FLOUR, SILTY OR CLAYEY FINE SANDS OR, CLAYEY SILTS WITH SLIGHT PLASTICITY
-200 SEVE			CL		MORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS SILTY CLAYS, LEAN CLAYS
THAN			OL		ORGANIC CLAYS AND ORGANIC SILTY CLAYS O LOW PLASTICITY
LF IS SMALLER	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50		МН		INORGANIC SETS, MICACEOUS OR DIATOMACIOUS FINE SANDY OR SILTY SOLS, ELASTIC SETS
FINE HAN HALF			СН		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			ОН	de de de de	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS DICE 0
	HIGHLY ORSANI	C SOILS	PT		PEAT AND OTHER HIGHLY ORGANIC SOILS



# facsimile transmittal

8832 DICE ROAD SANTA FE SPRINGS CALIFORNIA 90670 562 464-1215 PHONE 562 693-1156 FAX

To:	onna.	Smith 1	Fax:	713	400	1-2053	
From:	Ynda GAR	ua !	Date:	10/10	107		•
Re:		F	Pages:	39	53		
CC:			<del></del>				
□ Urgent	☐ For Review	☐ Please Comme	ent	☐ Please	Reply	☐ Please SENI CONFIRMATIO	

South B.





# COUNTY OF LOS ANCELES

## DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE ALHAMBRA, CALIFORNIA 91893-[33] Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO: P.O. BOX 1460 ALHAMBRA, CALIFORNIA 91802-1460

January 9, 1989

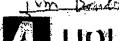
IN REPLY PLEASE REFER TO FILE:

I-225-1H

Liquid Air Corp. 8832 Dice Rd. Santa Fe Springs, CA 90670

Gentlemen:

HAZARDOUS MATERIAL UNDERGROUND STORAGE CLOSURE/SITE ASSESSMENT REPORT	
CLOSURE PERMIT NO. 4784B  FACILITY LOCATION: B832 Dice Rd.	
This office has reviewed the closure report submitted on <u>December 8, 1988</u> for the subject facility.	,
In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this off by	ice
If you have any questions regarding this matter, please contact  Mr. Paul Halter at (818) 458-3517	
Very truly yours,	
T. A. TIDEMANSON Director of Public Works	
By Waste Wanagement Division	
Enc. / //	
CC: George DeVries	
Cl 207 Rev. 3/88	



# Little AID OOD

Control No.

**EXPENDITURE AND LEASE REQUEST** 

58925

Use For Any Proposed Capital Expenditure, Equipment Lease, or Extraordinary Expense Amendment No. Location and Function Request No. Santa Fe Springs-Bulk Gases Distribution 600-32-722 Description Soil Boring Analyses and Report on Soil Contamination Near Biegel Fuel Dispe Budgeted For Home Office Finance Category: 🗓 Not Budgeted Expansion Commission Number Cost Reduction Commission Amount Person ☐ Replacement Responsible Prior Requests for Project Maintenance This Request M Other Ragulatory LA Commission Remaining Estimated Completion County Rules 11/36/88 Justification: Show breakdown of purchases, other costs, costs to be expensed. Include specific description, present situation including deficiencies, and alternatives considered. Do not generalize. Attach pertinent schedules and details. The request is for funds for two (2) soil borings (six sumples par boring) to 40 feet below the suface of the diesel fuel dispensing pump island to determine the total recoverable petroleum hydrocurben (TRPN) level in the soil. Although the seil underneath the dissel tank excavations analyzed clean, the soil around the pumplisponser scalyzed at 505 and 6930 mg/kg TRPB (at 4 feet below grade) por attached CTL lab report. dated 10/09/88. Since TRPH exceeded 100 mg/kg two, 40 "horings as described above are Extern Rrequired. MCN quote deted Nov. 04, 1988 \$ 4,800. (12 samples @ \$150 each for TRPH + 1 day geologist and drill rig and report) Remediation cost will be covered by separate ACE. TOTAL 1st Year 2nd Year Furchases To Be Capitalized .... Other Costs To 8e Capitalized . . . . . . . Total Capital ..... Purchases To Be Expensed . . . . Other Costs To Se Expensed . . . . Total Expense ...... Total Project Cost ..... \$ 4,800.00 DICE 01806 Trade-in or Disposal - Cash Value ... Net Outlay ...... Justification Prepared By Approvat wid Simon 11/07/68 Approval Approva Approval

LAC 02006 (Rev 4/81)

### ADDITIONAL CLOSURE REQUIREMENTS

th P.	e Q.	additional information or requirements checked below must be submitted to Los Angeles County Department of Public Works, Waste Management Division, Box 1460, Alhambra, CA 91802-1460, in order to complete the evaluation of ure Permit No. 47848
E	Ĵ	Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3	1	Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.
Ē	J	Describe method of obtaining, handling, and/or transporting samples.
	Ī	Indicate time and date samples were obtained.
	3	Submit logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils for all borings.
E	]	Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory.
Г	]	Disposal destination of tanks and evidence of legal disposal.
I	-	Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
Ţ	]	Documentation as to depth of groundwater at facility.
Γ	]	Manifests to document hazardous waste disposal of removed soil.
Ε	]	Evidence of legal disposal of soils designated as nonhazardous.
[	]	Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.
[2	[]	Define the vertical and lateral extent of contamination.
[a	[]	Propose a remedial action plan to mitigate contamination.
Γ	]	Proposed future uses or improvements for the area related to the contamination.
Γ	ļ	Other

CL207 Rev. 3/88

AIR LIQUIDE AMERICA LP Fax:15626931156

Tan Banker:

George DeVries

Consulting Geologist

Senta Fe / purips

4520 E. Siauson Ave., Maywood, Cailfornia 90270 - (213) 771-3046 / (213) 596-0467 Think Removal

November 2. 1988

Project No. 231-108 Closure Permit No. 4784 L.A. County File No. 225-1H

County of Los Angeles Department of Public Works Waste Management Division 900 S. Freemont Ave. Alhambra, CA 91803-1331

Subject: Geotechnical Evaluation and Review Subsurface Tank Removal Liquid Air Corp. 8832 Dice Rd., Santa Fe Springs. for Whitaker Concrete Co.

Gentlemen.

This report presents the results of a geotechnical evaluation of the subsurface storage tank removal at the referenced site and a review of the work performed, and summary data presented by Whitaker Concrete Co. (WCC). A total of four (4) tanks were removed from the site on September 21, 1988 by WCC and transported for disposal. The tanks consisted of two (2) 7500-gallon diesel fuel tanks. one (1) 6200-gallon acetone tank, and one (1) 1000-gallon waste-oil tank. A summary of the work performed is presented in the appendix. Vicinity and site maps are presented in Plates 1 & 2. Upon removal of the tanks, selected soil samples were taken from below the tanks to assess the soil and determine if any potential contamination exists. The results of laboratory testing are presented in Plate 4, while the Chain of Custody Record is presented in Plate 5. Plate 6 presents copies of the tank and waste manifests. No subsurface logging was performed.

Prior to removal of the tanks. two borings were excavated in the vicinity of the acetone tank by Combustion Engineering. The borings were sampled and laoratory testing was performed. It is

231-108/ Liquid Air/ Santa Fe Springs/ 11-2-88

Page 2

understood the results of the earlier investigation was submitted to the regulatory agency and no additional analysis of that data is presented in this report. As a result of the initial borings, soil samples from below the removed acetone tank were not required in the county permit.

#### SITE LOCATION AND GEOLOGY

The subject site is located on the east side of Dice Rd. south of the function with Slauson Ave. in the City of Sant Fe Springs. Los Angeles County. The present elevation is approximately 150 feet above sea level. The site consists of predominantly alluvial basin fill deposits associated with ephemeral stream deposition within the L.A. basin. The present course of the San Gabriel River is located approximately 1.3 miles to the west. The alluvial materials are generally sandy and silty in nature, though some areas contain some clay and gravel.

Analysis of subsurface ground-water contour data on file with the County of Los Angeles indicate the ground-water level in the violnity of the site to be on the order of 70 feet below the ground surface. No water was encountered in the excavation.

### SOIL SAMPLING AND EVALUATION

Selected soil samples were obtained from the earth materials below the tanks. Sample location was chosen in a manner so as to provide the most complete coverage of the subsurface materials and to provide for a more complete evaluation of potential soil contamination. Special attention was given to geological conditions which may provide for accelerated downward movement of ground water. Sample locations are depicted in Plate 2. As mentioned earlier, samples were not required from below the acetone tank due the results of earlier borings excavasted at the site by Combustion Engineering.

A total of seven (7) samples were taken from the earth materials in the vicinity of the removed tanks. Two samples each were taken from below the diesel fuel tanks, one sample was taken from below the waste-oil tank, and one sample each was taken from below each one of the pumps (Plate 2). The samples from below the tanks were taken approximately two feet below the tank bottom and the samples from below the pumps were taken approximately four feet below the pumps. The samples were placed in glass jars, sealed with tape, placed in ice to chill, and transported to Certified Testing Laboratories, Inc. for laboratory analysis. The samples were tested for Total Petroleum Hydrocarbons (TPH) using EPA method 418.1. The laboratory test results and the Chain of Custody Record are presented in the appendix (Plates 4 & 5).

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Page 3

#### CONCLUSIONS

Review of the summary data presented by Whitaker Concrete Corp., Chain of Custody Record, and laboratory test results, indicate the amount of hydrocarbon contamination in some of the earth materials in the vicinity of the removed tanks to be in excess of the "action limit". The County of Los Angeles considers 100 mg/Kg to be an "action limit" where concentrations in excess of this limit may be considered contaminated. Specifically, test results from below both of the pumps indicate excess hydrocarbon contamination of the soil.

It is recommended that remedial action be taken to reduce the amount of hydrocarbon contamination in the earth materials in the vicinity of the pumps. A combination of: 1) removal and transport, and/or 2) aeration, and/or 3) biodegradation, is recommended, subject to approval by the County of Los Angeles. Sufficient data are not presently available to determine the total extent of contamination in the vicinity of the pumps and it is recommended that a site assessment be performed to determine the extent of any contamination and provide recommendations for possible remedial action at the site. Any furture work is subject to approval by the Los Angeles County Department of Public Works. This work should be conducted in accordance with Federal, State, and Local regulations.

Laboratory test results from the soil below the removed tanks indicate the amount of TPH to be within the guidelines of the County of of Los Angeles. No additional removal or treatment of the earth material below the removed tanks is deemed necessary.

#### REMARKS

This investigation was made in accordance with generally accepted geologic procedures and within the limits prescribed by the client. No other warranty, expressed or implied, is made as to the professional evaluation included in this report.

Although no significant variations in bedrock or soil conditions are anticipated. If conditions are encountered during future restoration work, and these conditions appear to be different from those disclosed by this preliminary report. this office shall be notified to consider the need for modification.

The backfill at the site was compacted using on-site equipment. While a relative degree of compaction can be obtained in this manner, the fill was not tested and does not qualify as a certified fill. Should this area be used in the future to support structural loads, steps should be taken to test and insure the competence of the fill.

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Page 4

It should be realized that subsurface excavations are subject to caving and may present a hazard. In this regard, all shoring and bracing, if necessary, shall conform to current standards of the Industrial Accident Commission of the State of California and other public agencies having jurisdiction.

This report is subject to review by controlling public agencies having jurisdiction.

If you have any questions, please contact this office.

Respectfully submitted,

George DeVries

Registered Geologist 3721

GD:ga

Distr: Addressee (1)

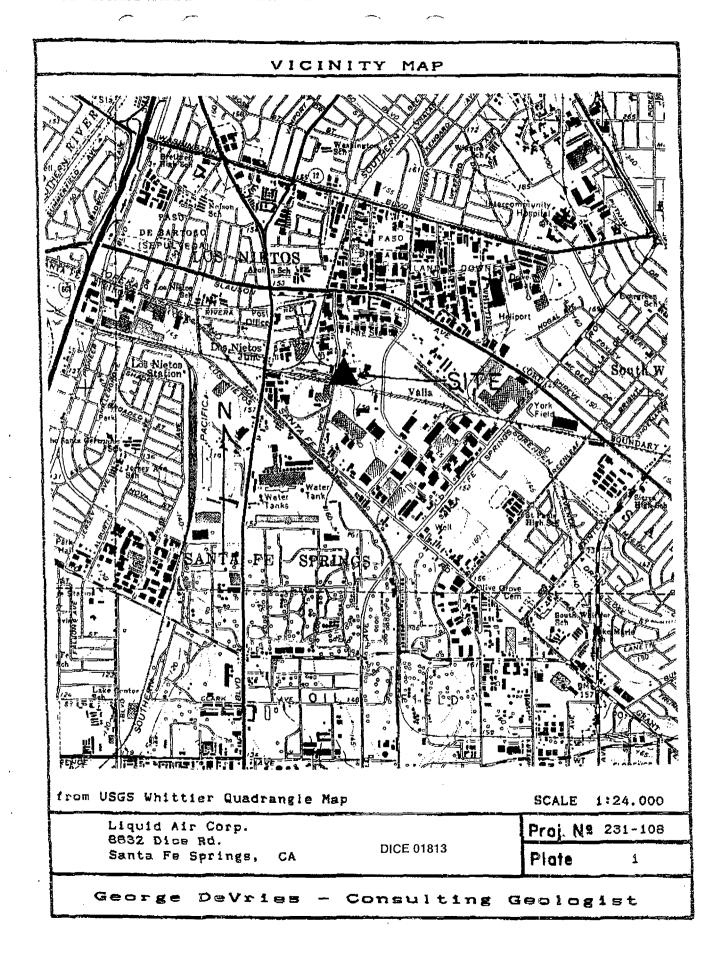
Whitaker Concrete Co. (1)

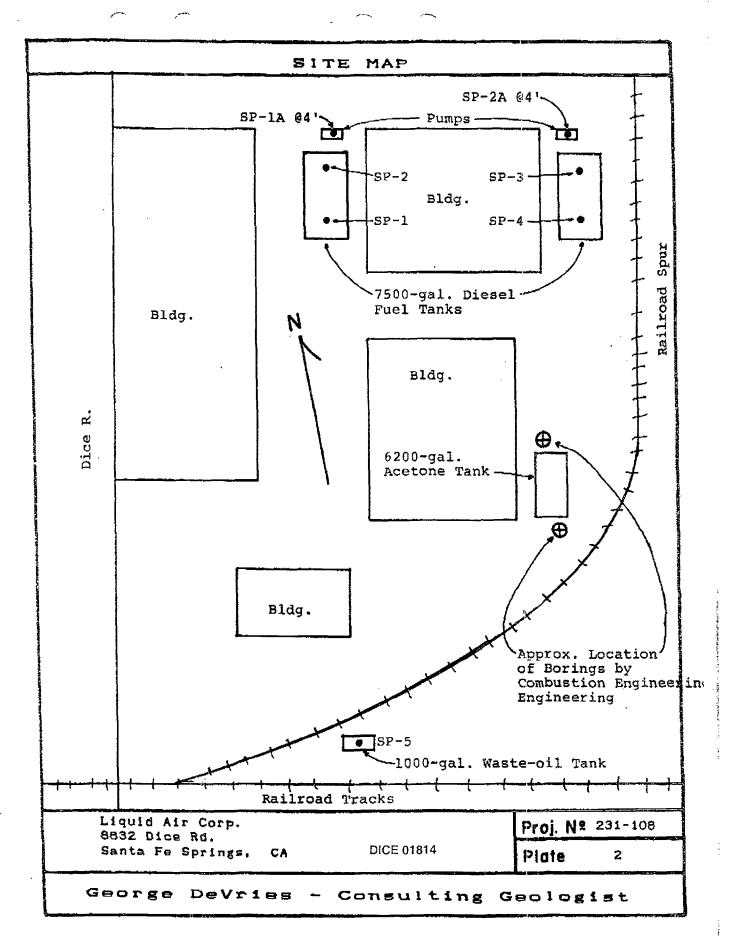
Liquid Air Corp. (1)

Attachments: Appendix A - Plates 1 thru 6

### Appendix A

Vicinity Map Site Map Closure Summary Laboratory Test Results Chain of Custody Record Tank/Waste Manifests









# Whitaker Concrete Corp.

P.O. BOX 275, LYNWOOD, CA 90262 • (213) 639-1904

October 13,1988

George DeVries 4520 E. Slauson Ave. Maywood, Ca. 90270

Re: Liquid Air 8832 Dice Rd. Santa Fe Springs

Dear Mr. DeVries:

Liquid Air has requested the permanent closure of 2-7,500 diese!, 1-6,200 gallon acetone, and 1-1000 wasteoil steel tanks. The decision was based on the possibility of future tank leakage that could cause a contamination of the soil.

The necessary tank removal permits were obtained by an agent of Whitaker Concrete Corp. and signed by the proper regulatory agency. The tanks were rendered inert and removed from the site on September 21, 1988. The tanks were flushed three times and cooled with dry ice. Excavation and removal was performed by agents of WCC and observed by inspectors from the applicable regulatory agencies.

Upon removal of the tank, seven soil samples were taken from approximately two feet below the removed tanks. The samples were stored in ice and transported to Certified Testing Lab. Inc. for analysis. Chain-of Custody records were maintained to insure its traceability.

The soil samples were tested for Total Petroleum Hydrocarbons (TPH) using EPA method 418.1. Laboratory test results are attached.

The test results (see laboratory results) indicate the soil to be clear of contaminates.

Respectfully Examitted,

Sid Whitaker Project Manager

Plate 3



## -certified testing laboratories, inc.

205 EAST CENTURY BLVD. . SOUTH GATE, C.L.IF. 90280 . (213) 584-2841

LABORATORY NO

3922

REPORTED

09-29-88

CLIENT

Whitaker Concrete Corporation

SAMPLED

P.O. Box 275

Lynwood, CA 90262 Attn: Sid Whitaker

REPORTED

09-21-88

SAMPLE

Soil

MARKS

Liquid Air Corp. 9/21/88

Location Description: 2 ft under tank

BASED ON SAMPLE As received

RESULTS

Total Recoverable Petroleum Hydrocarbons EPA 418.1, mg/Kg

Detection Limit, mg/Kg

SP-1 2:30 SP-2:2:30 SP-3:3:00 SP-4 3:00

SP-5 1:00

ND ND

95 ND

ND

5

Attachment: Chain of custody

Respectfully submitted,

CERTIFIED TESTING LABORATORIES, INC.

uart E. Salof, Ph.D. aboratory Director

**DICE 01816** 

Plate 4 (1 of 2)

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the crient to whom it is addressed and upon the condition that it is not to be used, in whole of in part, in any advertising or publicity matter without prior written authorization from these Laboratories.



## certified testing laboratories, inc.

08 EAST CENTURY BLVD. . SC., H GATE, L .IF, 90280 . (213) 584-2641

LABORATORY NO.

4023

10-09-88

CLIENT

Whitaker Concrete Corp.

SAMPLED

P.O. Box 275

Lynwood, CA 90262

RECEÌVED 09-29-88

Attn: Syd Whitaker

SAMPLE

Soil,

MARKS

Project name: Liquid Air - Santa Fe Springs

9/29/88

BASED ON SAMPLE

As received

RESULTS

يزو

Sample ID Total Recoverable Petroleum Hydrocarbons Method 418.1, mg/Kg

SAIA

SP=1: West 4 feet

805

SP-2- East 4 feet

6.930

Attachment: Chain of Custody-

Note: Samples relabeled to correspond to Plate 2

Respectfully submitted, CERTIFIED TESTING LABORATORIES, INC.

Laboratory Director

**DICE 01817** 

Plate 4 (2 of 2)

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole of in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

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Plate 6 (1 of 3)

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1	4. Generator's Phone (213) 945-1383	or Ca. 90070	İ	) D. Sta	te Generator s	** :	
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714) 947-2888	•	P.O.#				-
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METAL
RECYCLING, INC.

2202 South Milliken Avenue Ontario, CA 91761 (714) 947-2888

No.	28383	
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All fees incurred are per load unless specified.  Terms are net 30 days from date of invoice.		10000 12000	0 0	4.33 4,93	<u> </u>
Contractor's signature represents acceptance of terms for payment, and confirms that tank removal compiles with State laws.	NO. OF TANK	8	TOTAL	NET TONS	
1 -15 p	<u>Z</u> -			10.52	
CONTRACTOR'S BIGNATURE	'F - FIBERG	LASS	STEEL 10	5	

CERTIFICATE OF TANK DISPOSAL I DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANKIS) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED
HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONL

GENERATOR CORY...

AUTHORIZED REP.





So. Callfornia Field Office, 1666 Newport Blyd., #116, Costa Mesa, CA 92626 Tel 714-675-5754 • Fax 714-675-5943

December 5, 1988

#### PROJECT REPORT

SITE ASSESSMENT FOR DIESEL CONTAMINATION OF SOIL AT:

LIQUID AIR CORPORATION 8832 DICE ROAD SANTA FE SPRINGS, CA

Prepared For:

Liquid Air Corporation 8832 Dice Road Santa Fe Springs, Ca

Submitted By:

Aqua Science Engineers 1666 Newport Blvd. #166 Costa Mesa, CA 92926





So. California Field Office, 1666 Newport Blvd., #116, Costa Mesa, CA 92626 Tel 714-675-5754 \* Fax 714-675-5943

December 5, 1988

PROJECT REPORT

SITE ASSESSMENT FOR DIESEL CONTAMINATION OF SOIL AT:

LIQUID AIR CORPORATION 8832 DICE ROAD SANTA FE SPRINGS, CA

For Aqua Science Engineers, Inc.:

Michael Marello
Geological Operations

David M. Schultz Vice President Field Operations

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#### EXECUTIVE SUMMARY

The following is a report on the methods and findings of a site contamination assessment project conducted by Aqua Science Engineers at Liquid Air Corporation, Santa Fe Springs, California. This project is in response to hydrocarbon contamination discovered during the tank closure project conducted on September 21, 1987.

Chemical analysis of soil samples from the tank removal project indicated 805 ppm and 6,930 ppm total petroleum hydrocarbons (TPH) in soil samples collected from beneath two diesel fuel product dispensers (see George DeVrees tank closure report dated November 2, 1988). The soil samples were collected at approximately four feet below the dispensers. Soil samples collected from beneath the diesel fuel tanks indicated non-detectable levels of TPH.

On November 18, 1988 Aqua Science collected soil samples at 5, 10, 15, 20, 30 and 40 feet from each of two soils borings drilled directly adjacent to the locations of two product dispensers (Figure 1). The purpose of the bore holes were to collect soil samples to determine the extent of the hydrocarbon contamination discovered during the tank closure project. Groundwater was not encountered during drilling.

Logs of the well cuttings show that the native soils are primarily composed of silt, clayey-sandy silt, and well graded sand. The nearest LACFCD test well to the site is well #1623L which is located approximately 0.75-miles northeast of the site. The depth to groundwater from the surface, as measured in November 1987, was 58.2 feet below the ground surface. Local groundwater movement in the area is most probably southwest.

Chemical analyses of the soil samples conducted by West Coast Analytical Services, Santa Fe Springs, California, indicate 13 ppm TPH in the five-foot sample from boring #2. The laboratory analysis of the remaining samples from this boring, and from boring #1, indicate non-detectable levels of TPH by EPA method 418.1.

#### INVESTIGATIVE METHODS

#### DRILLING

The soils borings were drilled with a CME-75 truck mounted hydraulic rotary drill. Eight-inch O.D. hollow-stem continuous flight auger was used for all of the borings. A total of two borings were drilled to 40 feet below the ground surface. Locations of the borings are shown in Figure 1.

Soil samples were collected in each boring at 5, 10, 15, 20, 30 and 40 feet below the ground surface. The borings were backfilled with clean native soil after soil sample collection. Logs of the drill cuttings are shown on Figures 2 and 3.

#### SOIL SAMPLING

Soil samples were taken in the borings using a California split spoon sampler on November 18, 1988. The California split spoon sampler was steam cleaned before sampling and all drilling equipment was decontaminated by steam cleaning prior to drilling. The sampler was washed with a TSP and water solution between samplings.

The soil samples were collected in pre-cleaned, 2-inch by 4-inch aluminum liner tubes. The tube ends were secured with double-thickness aluminum foil and plastic end caps. The samples were placed in an ice chest with ice, and transported to West Coast Analytical Services (WCAS) in Santa Fe Springs, Ca for chemical analysis. A Chain-of-Custody form accompanied the samples to the laboratory (Appendix I).

#### CHEMICAL ANALYSIS

WCAS conducted the chemical analysis of the soils samples using the EPA methods shown in Table I. The soil samples were analyzed for total petroleum hydrocarbons (diesel) using modified EPA method 418.1. Values are given in ug/g (parts per million). Laboratory data sheets provided by WCAS are given in Appendix II.

#### RESULTS OF THE INVESTIGATION

#### GEOLOGY AND HYDROGEOLOGY

The bore hole locations are shown on Figure 1. An examination of the bore hole logs show that the soils to 40 feet beneath the site consist of the following: silt, clayey-sandy silt and well graded sand. The soil types encountered were classified using the Unified Soil Classification System (Appendix III).

The nearest LACFCD test well to the site is well number 1623L. The well is located approximately 0.75 miles to the northeast of the site.

The last groundwater measurement was conducted in November 1987. The depth to groundwater on that date was 58.2 feet below the ground surface.

An accurate determination of groundwater flow direction is beyond the scope of this project. However, the estimated direction of flow is southeast.

#### CHEMICAL ANALYSIS

The chemical analyses provided by WCAS of the soil samples from bore hole #2 indicate total petroleum hydrocarbon contamination ranging to 13 ppm in the five-foot sample. The analyses of the remaining samples from this boring were below detectable levels for EPA method 418.1; below 10 ppm. The chemical analyses of the soil samples from boring #1 indicated non-detectable levels of TPH for all samples. A summary of the laboratory data is given in Table I. The laboratory report provided by WCAS appears in Appendix II.

#### CONCLUSIONS

Elevated hydrocarbon concentrations were discovered in soil samples collected from beneath the two diesel product dispensers at this site. These samples were collected during the tank removal project conducted on September 21, 1988. The locations of the soil borings conducted for this project are located within five feet of the diesel product dispensers. If a significant amount of product leaked into soil at the dispensers, significant levels of soil contamination should have been indicated in the soils boring samples. However, only trace levels of TPH (13 ppm) were discovered in the five-foot sample from boring #2 (sample B2-5').

Bases on these results, significant levels of diesel contamination (if present) appear to be vertically and laterally restricted to small volumes of soil directly beneath the product dispensers. The total amount of effected soil is unknown. However, the total volume of soil containing TPH contamination above the 100 ppm action level established by Los Angeles County is expected to be small.

The suspect soil is presently located under a six-inch concrete pad which covers the entire site. Since the source of diesel contamination has been removed (product dispensers), potential vertical migration of the long-chain diesel hydrocarbons present in the soil is expected to be very limited. The potential impact of the contamination on land or groundwater use if expected to be insignificant. It is the opinion of Aqua Science Engineers that no further assessment or remediation work be required along these lines.

The results of this investigation represent conditions at the time and location at which samples were collected and for the parameters analyzed in the laboratory. It does not fully characterize the site for contamination resulting from other sources or parameters not analyzed. This report is subject to review by governing regulatory agencies.

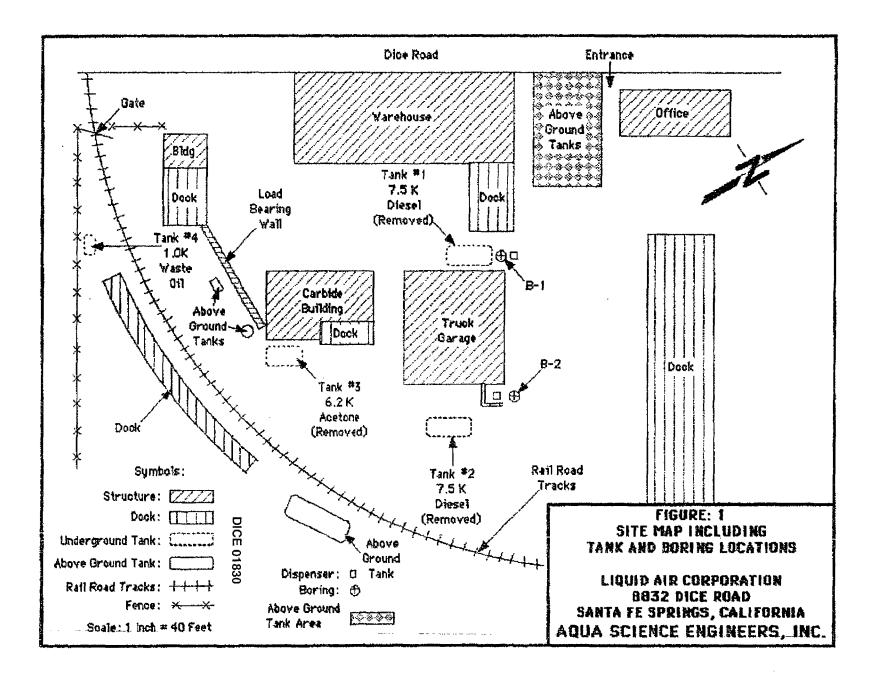
TABLE I

Chemical	EPA	Method Used
Constituents	in	Analysis
Total Petroleum Hydrocarbons		418.1

Boring Number	Sample Designation	TPH Conc.
B-1	B1-5'	ND
	B1-10'	ND
	B1-15'	ND
	B1-20'	ND
	B1~30'	ND
	B1-40'	ND
B-2	B2-5'	13
	B2-10'	ND
	B2-15'	ND
	B2-20'	ND
	B2-30'	ND
	B2-40 1	ND

<sup>\*</sup> Detection level for EPA method 481.1 is 10 ug/g (ppm) (LUFT manual, May 1988)





G

Figure

Figure 2

Count   Count	LOG OF SOIL BORING # B-1				
1 - Construct Site (ML)  2 - Construct Site (ML)  4 - S-	EMARKS				
1 - Construct Site (ML)  2 - Construct Site (ML)  4 - S-					
2- 3- Olive-Brown SiH (ML)  4- 5- 6- 7- 8- 9- 10- Brown Clayey-Sandy Silt (M-SM)  11- 12- 13- 14- Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15- 16- 17- 18- 19- 20- Decrease in Coarse Component  21- 20- 21- 20- 20- 21- 20- 20- 20- 20- 20- 20- 20- 20- 20- 20					
3 Offive-Brown Silk (ML)  4 5-66 7-88 9-10- Brown Clayey-Sandy Silk (ML-SM) 11-12 13-14- Tan-Red Sand (SW) Coarse-Fine-Medium Sand 15-16-17-18- 18-16-17-18- 19-20- Decrease in Coarse Component 20- Sanke					
3 Olive-Brown Silt (ML)  4 Solution well of the Silt (ML-SM)  5 No  10 Brown Clayey-Sandy Silt (ML-SM)  11 Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15 San No  15 DICE 018:  19 Decrease in Coarse Component  20 Decrease in Coarse Component					
4 5-6-7-8 9-10-10-10-10-10-10-10-10-10-10-10-10-10-					
5-6-7-8 8-9-10- Brown Clayey-Sandy Stit (ML-SM) 10- San No 11-12-13-14- Tan-Rad Sand (SW) Coarse-Fine-Medium Sand 15-16-17-18-19-20- Decrease in Coarse Component 20- Sa					
6- 7- 8- 9- 10- Brown Clayey-Sandy Stit (ML-SM) 11- 12- 13- 14- Tan-Rad Sand (SW) Coarse-Fine-Medium Sand 15- 16- 17- 18- 19- 20- Decrease in Coarse Component 20- Sa					
Sandy Stit (ML-SM)  13- 14- Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15- San No  16- 17- 18- 20- Decrease in Coarse Component  20- Sand Sand Sand Sand Sand Sand Sand Sand	Sample 5				
SPOWN Clayery-Sandy Stit (ML-SM)  11  12  13- 14- Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15- 16- 17- 18- 20- Decrease in Coarse Component  20- Sand  San	No Odor				
SPOWN Clayery-Sandy Stit (ML-SM)  11  12  13- 14- Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15- 16- 17- 18- 20- Decrease in Coarse Component  20- Sand  San					
SPOWN Clayey-Sandy Stit (ML-SM)  11- 12- 13- 14- Tan-Red Sand (SW) Coarse-Fine-Medium Sand 15- 16- 17- 18- 19- 20- Decrease in Coarse Component 20- Sa					
Srown Clayer, Sandy Stit (ML-SM)  11- 12- 13- 14-     Tan-Red Sand (SW)     Coarse-Fine-Medium Sand 15- 16- 17- 18- 20- Decrease in Coarse Component 21-					
Srown Clayer, Sandy Stit (ML-SM)  11- 12- 13- 14-     Tan-Red Sand (SW)     Coarse-Fine-Medium Sand 15- 16- 17- 18- 20- Decrease in Coarse Component 21-	1				
Srown Clayer, Sandy Stit (ML-SM)  11- 12- 13- 14-     Tan-Red Sand (SW)     Coarse-Fine-Medium Sand 15- 16- 17- 18- 20- Decrease in Coarse Component 21-	!				
11- 12 13- 14	ample 10				
Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15- 16- 17- 18- 20- Decrease in Coarse Component  21-	o Odor				
Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15- 16- 17- 18- 20- Decrease in Coarse Component  21-					
Tan-Red Sand (SW) Coarse-Fine-Medium Sand  15- 16- 17- 18- 20- Decrease in Coarse Component 21-					
Coarse-Fine-Medium Sand  15- 16- 17- 18- 19- 20- Decrease in Coarse Component 21-					
15-   15-     San No.   17-   18-     18-     18-     19-     20-   Decrease in Coarse Component   20-   San No.   San No.   20-   San No.   San N					
16- 17- 18- 19- 20- Decrease in Coarse Component 21-	ample 15				
DICE 018:  Decrease in Coarse Component  20  Decrease in Coarse Component	o Odor				
DICE 018:  19- 20- Decrease in Coarse Component 21-					
19- 20- Decrease in Coarse Component 21-					
19- 20- Decrease in Coarse Component 21-	R21				
20- Decrease in Coarse Component					
21-	i				
	ample 20				
224					

6

Figure 2

PROJ	ECT: Liquid Air		LOG OF SOIL BORING # B-1			
E 2 €	SOILS DESCRIPTION	DESCRIPTION BORE I			REMARKS	
23-	Tan-Red Sand (SW) Coarse-Fine-Medium Sand		23			
24				1		
25				-		
26-	Pale-Offive Silt (ML)			4   1		
27.						
28-			28			
29						
30					Sample 30'	
					No Odor	
31			·		İ	
32-						
33			33	-		
34			·	4		
35						
36				4		
37-				1		
38-			38			
39.				-		
40					Sample 40	
41-					No Odor	
42-						
43-			43			
44				DICE 01	832	
45	•			1 11		

7

F	i	8	u	T	e	3

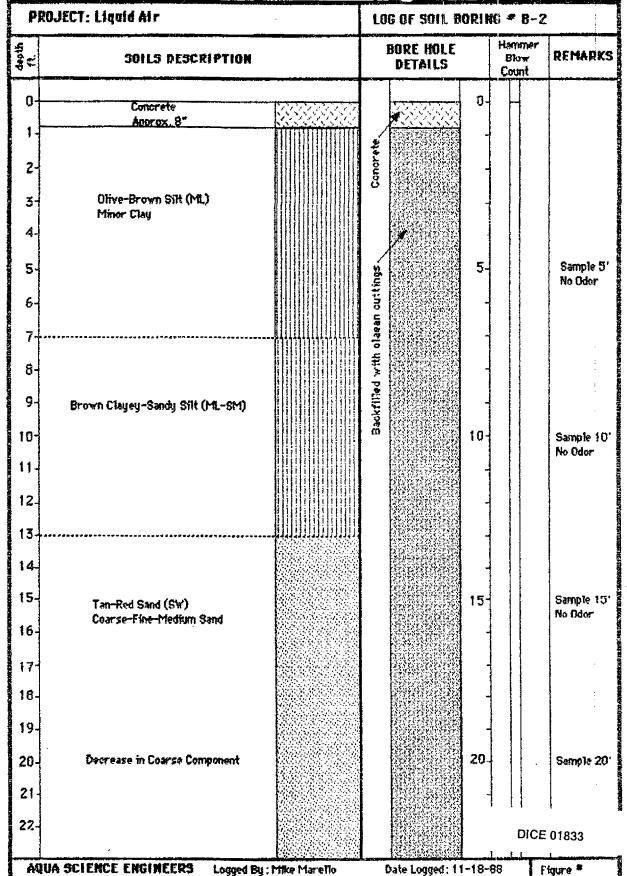


Figure 3

PRO	JECT: Liquid Air		LOG OF SOIL BORIS	((;	2
depth ft.	SOILS DESCRIPTIO	К	BORE HOLE DETAILS	Hammer Blow Count	REMARKS
23-	Tan-Red Sand (SW) Coarse-Fine-Medium Sand		23-		
24				1	
25-					
26	Pale-Olive Silt (ML)		-		
27.					
28-			28-		
29					
30-					Sample 30' No Odor
31-					
32-				$\{ \   \   \  $	
33			33	-	
34				1	
35				4   1	
36	***************************************				
37-				4	
38-	Pale-Olive-Tan Silt (ML)		38	-	
39				1 1	
40-	E.O.H				Sample 40'
41-				4	
42-				4   1	
43-			43	4	
44-				4	
45				DICE	01834
AQ	UA SCIENCE ENGINEERS Logg	ed By ; Mike Marelio	Date Logged: 11-1	8-88	Figure #

P. 32

* P.G. Bax 535.	San Ramon, CA 94583-0535		Cess	aqua science engineers inc.	{415} 820-939 <b>1</b>
Project Hama:	iquick Air	site: Santa i	e Springs	Date: [1-18-89	Laboratory: WCAS
Sample LU	Sample/Container Type	Amalyza/ Hold	Analyze For:	Hethod - Detection Limit	Hotas/Remarks
31-51	cail Altube	_ <u>A</u>	418.1		
1 - 10				*	
11-15					
"1-201				•	
"1-30"				-	
11-40		· ·			
32 6					
32-51					
1. 2-10				·	
12-15					
"2-20"		<del></del>		·	
" J-70',					
S = Soll H = H: G = Glass 81 = 84		r = ¥(a) O = Other	Chain o	f Custady	Collate all samples for single analysis.
1. Sampled by:		3. Received by Lab:	ingrous.		<ul> <li>Coltate and analyse two top samples and if clean, do not analyse other sample.</li> </ul>
Z. Courter:	·	Oate:	11-13-88	Time: 1250	Call ASE for instructions.
	_	4. Received in Offi	ce: Oate:		See attached protocol.
	DI CE				
• •	01835		•		#11357
	13.5 5			-	7ML 4 0 5 6

1

Appendix II

November 28, 1988

AQUA SCIENCE ENGINEERS 414 31st Street, #A Newport Beach, CA 92663

Attn:

Mike Marello

JOB NO.

11357

**WEST COAST ANALYTICAL** SERVICE, INC.

ARALYTICAL CHEENSES 

Α

LABORATORY REPORT

Samples Received: Twelve (12) soils

Date Received: 11-18-88

Purchase Order No: LA 0148/Liquid Air

The samples were analyzed as follows:

Samples Analyzed

Analysis

Results

Twelve (12) soils

Total Petroleum Hydrocarbons

by EPA 418.1

Table I

Page 1 of 2

Shelley Rinker Senior Chemist

D.J. Northington, Ph.D.

Technical Director

## Appendix II 🦳

### WEST COAST ANALYTICAL SERVICE, INC.

AQUA SCIENCE ENGINEERS Mr. Mike Marello

Date Analyzed: 11-23-88

Job # 11357 November 28, 1988

#### LABORATORY REPORT

## TABLE I

#### Parts Per Million (ug/q)

Sample No.	Total Petroleum Hydrocarbons
B1-5'	ND
B1~10'	ND
B1-15'	ND
B1-20'	ND
B1-30'	ND
B1-40'	ND
B2~5'	13
B2-10'	ND
B2-15'	ND
B2-20'	ND
B2-30'	ND
B2-40'	ND
Detection Limit	10
ND-Not Detected	

Page 2 of 2

## Appendix III 🚬

	SOIL CLASSIFICATION SYSTEM MAJOR DIVISIONS TYPICAL NAMES						
		CLEAN BRAVELS	GW	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WELL GRADED GRAVELS, GRAVEL - SAND MIXTURES		
OILS *200 SEVE	GRAVELS	YITH LITTLE OR NO FINES	GP		Poorly graded gravels; gravel, gravel – sand mixtures		
ın ≨	MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE	GRAVELS WITH	GM		Silty Gravels, poorly Graded Gravel – Sand – Silt Mixtures		
GRAINED S	NO. V SILTE ORCE	OVER 12% FINES	GC		CLAYEY GRAVELS, POORLY GRADED GRAVEL – SAND – CLAY MIXTURES		
RSE HALF E	SANDS  MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SEVE	CLEAN SANDS WITH LITTLE OR	SW		Well graded sands, gravelly sands		
COA MORE THAN		NO FINES	SP		POORLY GRADED SANDS, ORAVELLY SANDS		
		SANOS WITH	SM		SILTY SANDS, POORLY GRADED SAND – SILT MIXTURES		
		OVER 12% FINES	SC		CLAYEY SANDS, POORLY GRADED SAND- CLAY MIXTURES		
VE	SILTS AN	ML		INORGANIC SILTS AND YERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR, CLAYEY SILTS WITH SLIGHT PLASTICITY			
16.5 -200 sieve	LIQUID LIMIT I	CL		HORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS			
VED SOIL LER THAN					ORGANIC CLAYS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY		
E GRAINED NF IS SMALLER		МН		INORGANIC SILTS, MICACEOUS OR DIATOMACIOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS			
FINE MORE THAN HALF	SILTS AN	СН		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS			
MOM	DICE 01838			Andreada de la companya de la compan	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS		
Recognitivities	HIGHLY DREANIC SOILS				PEAT AND OTHER HIGHLY ORGANIC SOILS		



47895 Sky Park Circle, Suite E. Irvins, CA 92744 Fel 744/833-3667 r Fax 774/832-3468

January 22, 1990

PROJECT REPORT

CLARIFIER

UNDERGROUND FUEL STORAGE TANK CLOSURE AT:

8832 Dice Road Santa Fe Springs, CA 90670

Closure Permit No. 6555B

Prepared for:

Liquid Air Corporation 8832 Dice Road Santa Fe Springs, CA 90607

Submitted by:

AQUA SCIENCE ENGINEERS, INC. 1666 Newport Blvd #116 Costa Mesa, CA 92626

DICE 01839

2/15/90



17895 Sky Park Circle, Suite E, Irvine, CA 92744 Fel 744 (833-3667 in Fax 744/833-3468

January 22, 1990

#### PROJECT REPORT

#### UNDERGROUND FUEL STORAGE TANK CLOSURE AT:

8832 Dice Road Santa Fe Springs, CA 90670

For Aqua Science Engineers, Inc.:

Mark J. Fator

Mark T. Fator Project Manager David M. Schultz, P.E. Vice President

Field Operations

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#### INTRODUCTION

The following is a report on methods and findings of the concrete clarifier removal project conducted by Aqua Science Engineers at 8832 Dice Road, Santa Fe Springs, California. On December 27, 1989, a 2,000-gallon concrete clarifier used to store waste oil was cleaned and removed from the above location (removed on 1-3-90). The location of the clarifier, and plumbing is shown on the site plan (Figure 1). The type of product stored in the clarifier is also indicated on the site plan. A clarifier removal permit was secured with the Los Angeles County Department of Public Works and Santa Fe Springs Department Building and Safety prior to the clarifier removal (Appendix I & II).

The nearest Los Angeles County groundwater test well (#1623L) is located at the corner of Norwalk Blvd. and Perkins Ave.. It was last sampled on May 2, 1989. Depth to groundwater at this location was measured at 54.8 feet below grade.

#### CLARIFIER CLEANING AND REMOVAL

On December 27, 1989, a 2,000-gallon concrete clarifier was exposed for cleaning at this site. The tank was then cleaned using a high-pressure water jet. Approximately 1375 gallons of tank rinsate was removed by vacuum tanker truck, manifested and disposed of as hazardous waste by Roadwest Oil and Vacuum Co., Inc. (CAT080029770). The disposal site was DeMenno / Kerdoon, Compton, California (CAT080013352). The Uniform Hazardous Waste Manifest appears in Appendix III.

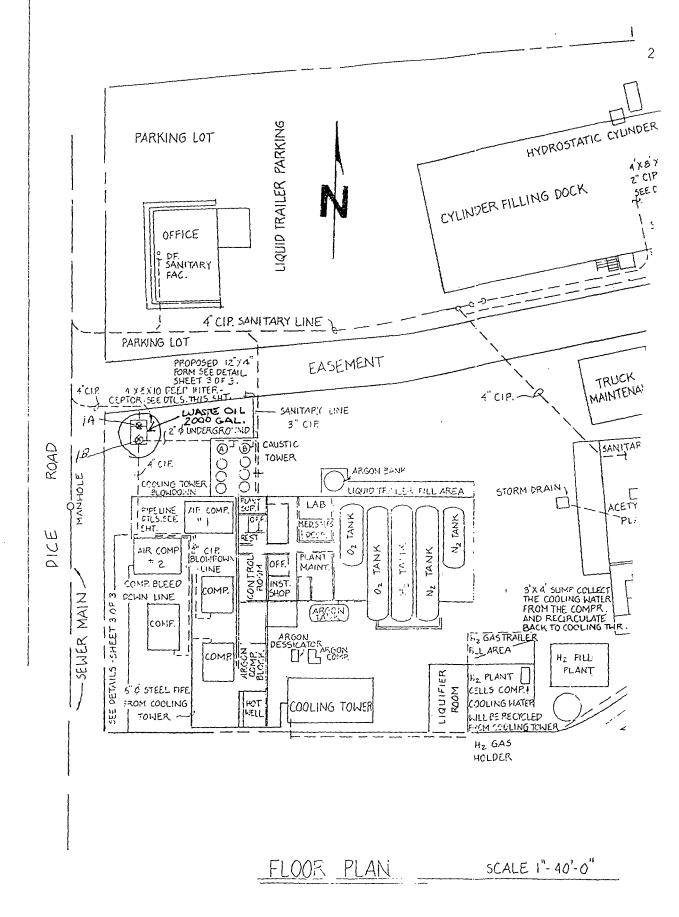
The concrete clarifier was then carefully broken up using a backhoe. The concrete was then subsequently transported to a concrete disposal site and was used for road base material.

No petroleum odors were noted during the course of the excavation. Backfill soils around the clarifier was observed to be clean and dry. No odors or discoloration were noted in the soil from beneath the concrete clarifier.

#### SOIL SAMPLE COLLECTION

Immediately following clarifier removal, two soil samples were collected from the native soil beneath the 2,000-gallon concrete clarifier. The sample from beneath the clarifier was collected with a backhoe, approximately two-foot below the ends of the clarifier, two feet in native soil and 12 feet below grade. The sample was then packed into a brass tube, tightly sealed and chilled immediately (1:00 PM, January 3, 1990).

The soil sample was immediately packed in ice and transported to Enseco-CRL, Garden Grove, California. A Chain-of-Custody document



accompanied the sample submitted and appears as Appendix IV.

Soil sample was taken by a representative of Aqua Science Engineers trained and experienced in soil sampling protocal under the direct supervision of a registered civil engineer.

#### SOIL CLASSIFICATION / BACKFILLING

Backfill soil was classified as a light brown silty sand with little cohesion. The excavation was backfilled and compacted to approximately 90% of the maximum density. The excavation was backfilled and compacted after the soil samples were collected.

Native material around the tank pit to a depth of 10 feet below grade was classified as a light brown silty sand with a moderate amount of coarse, medium and fine gravel. Permeability of the soil is qualitatively estimated to be relatively high. Groundwater was not encountered during the excavation.

#### CHEMICAL ANALYSIS

The soil samples were analyzed using EPA test method 418.1 for detection of waste oil as total petroleum hydrocarbons (TPH) and EPA test 8020 for volatile aromatics.

The laboratory results indicate slightly detectable levels of petroleum hydrocarbons (Sample: 1A-6ppm, 1B-5ppm), and nondectectable levels of volatile aromatics in soil sample for modified EPA test method 8015 and 8020. The limit of detection for this test is 1ppm. Results of the test appear as Appendix V.

#### REMARKS / RECOMMENDATIONS

The total petroleum hydrocarbon and volatile aromatics concentrations discovered in all soil samples were basically nondetectable. This excavation was found to be clean of contamination by the standards set fourth by the Los Angeles County Department of Public Works.

Appendix I

LACDPW Clarifier Closure Permit

APPLICATION FOR CLOSURE HAZARDOUS MATERIALS UNDERGRO COUNTY OF LOS ANGELES-DEPART WASTE MANAGEMENT DIVISION 900 S. FREMONT AVENUE ALHAMBRA, CALIFORNIA 91803-1	MENT OF PUBLIC W	; ) 1	Permit 655 File 225 Fee \$ /4/- Check [ 2 Ca	sh [ ]
OWNER: Name LIQUID AIR Mailing Address 8832	DIKE RD.	City Sauta FE S	hone <u>(213)945</u> <u>fam</u> State <u>CA</u> Z	i-1383 ip <u>9067</u> 0
FACILITY: Occupant Name LIQUID Site Address 8832 Mailing Address Contact Person Tom CONTRACTOR [1], complete bel	DICE RD.  BARBER	City SANTA City " Title MAN	FE SPRINGS Z State_"Z AGER	ip <u>90670</u> ip <u>"</u>
Name AWA SCIENCE State License No. 487	E ENG	OWNER/OPERATO Pho _ClassA	ne (7/4) 833-	3667
CLOSURE REQUESTED:  [ ] PERMANENT, TANK REM How many undergroun [ ] PERMANENT, CLOSURE [ ] TEMPORARY (See Cond	NOVAL (See Conditants of tanks will remain IN PLACE (See Conditions A and B At	ions A and C A ain after this nditions A and ctached)	closure?( D Attached)	
TANK DESCRIPTION: PLC	· •			
!Tank No.! Tank Mat'1   Age				3ent) 
CONCRETE 7	2000	OIL (WASTE OIL)	) 	
COMPLETE THE FOLLOWING:  Has an unauthorized rel Have structural repairs Will new underground ta Will any wells, includi	e ever been made t Inks be installed	to these tanks after closure	? []	NO ( )
NOTICE: CONTAMINATED TANKS MAY BE A HAZARDOUS WASTE WHICHAPTER 6.5, CALIFORNIA HEAPPROSECUTED AS A FELONY VIOLENTIAN CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A FELONY CONTROL OF THE PROSECUTED AS A PROSECUTED AS A PROSECUTED AS A PROSECUTED AS A PROSECUTED AS A PROSECUTED AS A P	IICH MUST BE TRANS LTH & SAFETY CODE	SPORTED AND DI	SPOSED OF PUR	RSUANT TO
By signature below the disclosures above are to abide by this permit	rue and correct a	and th <mark>at</mark> they ons and limita	have read and	d agree
Applicant's Signature	Daid M. SCHULT	Schult	Date 12-20 Phone ()14)64	- 89
Owner [ ]	Operator [ ] (	Contractor [ ]	:	
PURSUANT TO SECTION 11.80. GRANTED TO PROCEED WITH THE CONDITIONS AND LIMITATIONS BELOW.	.070B, LOS ANGELES HE CLOSURE DESCRI	S COUNTY CODE, BED ABOVE SUBJ	PERMISSION : ECT TO THE A	IS HEREBY
T.A. TIDEMANSON Director of Public	: Works		DICE 0184	6
Ву		ate	<u>(4)</u>	

Appendix II

Santa Fe Springs Building and Safety

PERMITTEE

ordinances and State laws regulating Plumbing and Sewers, and hereby authorize representatives of this County to enter upon the above mentioned property for inspection purposes.

CE 808 (2-80)

## APPLICATION FOR PERMIT SEWER-SEWAGE DISPOSAL

COUN	JTY	OF	LOS	ANG	ELES

MIBUILDING AND SAFETY

FOR APPLICANT TO FILL IN	ARTY BUT CONNECTION DATA WO !!
BUILDING 8832 DICE RD	STATION DEPTH
LOCALITY SANTA FE SPRINGS	MANHOLE REFERENCE TO MINGROTH WORLD LOWER
NEAREST TELEGRAPH RO	TYPE: OF CONNECTION (公司)
OWNER LIQUID AR CORPORATION	CO. IMP. NO.
MAIL SESSION DICE RD.	TRUNK PERMIT NO. DE SIND INCAD PERMIT NO.
CITY SANTA FE SPRINGEL NO. (213) 945-1383	APPIDAVIT WAVER EASEMENT RECORD, INSTR. NO. DATE
DESCRIPTION LOTINO.	HWY, OR ST. WIDENING
BLOCK	STATE ENGROACHMENT
NO. OF BLDGS. SIZE OF LOT: NOW ON LOT	PERMIT NO
BUILDINGS TANTE AL SITEMALS	CHARGES
CONTRACTOR AQUA SCIENCE ENS.	CONNECTION CHARGE FEE
ADDRESS 65 17895 SKY PARK CR.	REIMBURSEMENT PEE
CITY TRVINE TEL. NO. (7/4)833-3667	DISTRICT NO. GROUP MAP
STATE STATE	4:05 1 " June
NO. DESCRIPTION OF WORK FEE	FINAL
HOUSE SEWER CONNECTING TO	DATE
SEPTIC TANK, SEEPAGE PIT OR / PITS AND/OR DRAINFIELD	FINAL
HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	BY
CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER OVERPLOW SEEPAGE PIT, DRAINFIELD	
EXTN., CESSPOOL, DRYWELL, MANHOLE	
SEWER OR DISPOSAL SYSTEM	
Permit ISSKANG 1200	SPECIAL SPECIA
	ON REVERSE
THAVE AT THIS DAYS A CONTRACT WITH THE HERRIN NAMED CON-	SIDE 10
TRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING OWELLING	VISO 2700
SIGNED THIS 20 DAY OF 1987	27.00 F
OWNERS AGENT	
ADDRESS	DCE 1226-26
AND WEED COME TO THE COLOR OF T	
	€ 018

Appendix III
Uniform Hazardous Waste Manifest

iease r	print or type. (Form designed for use on elite (12-pitch typewriter).							Sacramento, Catifornia	
<b>↑</b>	UNIFORM HAZARDOUS  WASTE MANIFEST  1. Generator's US EPA ID No.  C  A  C  0  0  0  0  0	Docum	nifest nent No. 51018	2. Pa	age 1			e shaded areas by Federal law. 9	
	3. Generator's Name and Mailing Address Liquid Air Corporation			A. State Manifest Document Number 8 980 9508					
	8832 Dice Road, Santa Fe Springs, Ca 4. Generator's Phone (213 945-1383	B. State Generator's ID							
	5. Transporter 1 Company Name 6.		C. Stat	e Transpo			136598		
	Roadwest Oil & Vacuum Co., Inc.  C A T	10 8 00  2 9	71710	D. Tran	sporter's	Phone <sub>2</sub> 1	3-69	3-9881	
	7. Transporter 2 Company Name 8. •	US EPA ID Number			e Transpo				
	1.1.1.			F. Tran	sporter's	Phone			
Į	9. Designated Facility Name and Site Address 10.	US EPA ID Number		G.' Stat	e Facility	's ID		· · · · · · · · · · · · · · · · · · ·	
	ibson 011 & Refining 3121 Standard Street								
1	Reportional Co. 03381	ا داهاها واهاعا	1 7 7		lity's Pho		12		
	11. US DOT Description (Including Proper Shipping Name, Hazard Class, a		12. Conta	Type	13. To Qui	antity	14. Unit Wt/Vol	I. Waste No.	
ε	a.				<del>(F)</del>			State 223	
į	California Regulated Waste Only		0  0  1	TIT		בולו <u>י</u>	- <sub>G</sub>	EPA/Other None	
È	).				721, 1.			State	
	DOT-E 7476							EPA/Other	
						Ш.		State	
	с.								
			1 1		1 1	1 1		EPA/Other	
	d.							State	
								EPA/Other	
					11				
	Additional Descriptions for Materials Listed Above			K. Han a.	dling Cod	les for W	'astes Li   b.	sted Above	
	10% 1030%00				01				
	20% to 40% Solins			c.	<del></del>	.,	d.		
	Briam cont								
•	15. Special Handling Instructions and Additional Information								
	Gloves & Goggles								
	16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents and are classified, packed, marked, and labeled, and are in all respectational government regulations.								
	If I am a large quantity generator, I certify that I have a program in plato be economically practicable and that I have selected the practicable present and future threat to human health and the environment; OR, if generation and select the best waste management method that is avairable.	le method of treatment, s I am a small quantity ger illable to me and that I ca	torage, or one	disposal	currently	available	to me w	thich minimizes the imize my waste 12 27 89	
	MARK FATOR	Signature Man	R	<u>. (</u>	Ja	te		Month \ Day \ Year	
	17. Transporter 1 Acknowledgement of Receipt of Materials				_/	7	//	/	
	Printed Typed Name	Signature	1				1	Month Day Year	
ŀ	18. Transporter 2 Acknowledgement of Receipt of Materials	V	<u>/</u>	1			<u> </u>	1/12/7/7/8//	
ŀ	Printed/Typed Name	Signature		_		/		Month Day Year	
l									
	19. Discrepancy Indication Space					_			
							DICE 0	50 	
Ļ	20. Facility Owner or Operator Certification of receipt of hazardous materi		fest except	as note	d in Item	19.			
	Printed/Typed Name	Signature						Month Day Year	
1	(1/88)	V-ta- Dalas This line	<del></del>				<del></del>	<u> </u>	

DHS 8022 A (1/88) EPA 8700—22 (Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS

To: P.O. Box 400, Sacramento, CA 95812-0400

# Appendix IV

Soil Sample Chain of Custody Document

LA0295

17895 Sk Irvine C	y Park Circle			qua science i <b>gineers inc</b> .	(714) 833-3667
	QUID AIR	Site: SANTA FE	SORING Date Sam	pled 1-3-90 1	aboratory: ENSECO-CRL
Sample 10  IA IB	Sample/Container Type  S/T  S/T	Analyze/ Hold A	Analyze For:  TPH + BTXE	Method - Octection Limit  418.1 + 8020	Notes/Remarks  WASTE OIL  II "I
2. Courter: 4		Y'- Yial O - Other  3. Received by Lab:_ Oate:_ 4. Received in Office			Collate all samples for single analysis.  Collate and analyze two top samples and if clean, do not analyze other sample.  Call ASE for instructions.  See attached protocol.
DICE 01852					

Appendix V
Laboratory Analysis Sheets

#### Enseco - CRL

7440 Lincoln Way • Garden Grove, CA 92641 (714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL FAX: (714) 891-5917

January 16, 1990

AQUA SCIENCE ENGINEERS, INC. 17895 SKYPARK CIRCLE, SUITE E

IRVINE, CA 92626 ATTN: MR. MARK FATOR Analysis No.: G-9000403-001/002

Date Sampled: 3-JAN-1990

Date Sample Rec'd: 4-JAN-1990 Project: (LA0295) LIQUID AIR

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-9000403-001/002 shown above.

The samples were received by CRL in a chilled state, intact and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

Solid samples are reported on "as received" basis.

Preliminary data were provided on January 15, 1990 at 10:10 A.M.

#### Enseco - CRL

7440 Lincoln Way • Garden Grove, CA 92641 (714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL

FAX: (714) 891-5917

Laboratory Report

AQUA SCIENCE ENGINEERS, INC. 17895 SKYPARK CIRCLE, SUITE E

IRVINE, CA 92626 ATTN: MR. MARK FATOR Analysis No.: G-9000403-001/002 Date Sampled: 3-JAN-1990

Date Sample Rec'd: 4-JAN-1990 Date Analyzed: 10-JAN-1990

12-JAN-1990

Sample Type: SOLID

Project: (LA0295) LIQUID AIR

Sample ID	TPH Recoverable mg/kg EPA 418.1	Benzene mg/kg EPA 8020	Toluene mg/kg EPA 8020	Ethylbenzene mg/kg EPA 8020	Xylenes, Total mg/kg EPA 8020
lA	6	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
lB	5	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Blank	ND(1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)

#### Enseco - CRL

7440 Lincoln Way • Garden Grove, CA 92641 (714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL

FAX: (714) 891-5917

Laboratory Report

AQUA SCIENCE ENGINEERS, INC. 17895 SKYPARK CIRCLE, SUITE E

IRVINE, CA 92626

ATTN: MR. MARK FATOR
Project: (LA0295) LIQUID AIR

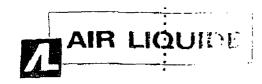
Analysis No.: G-9000403-001/002 Date Sampled: 3-JAN-1990

Date Sample Rec'd: 4-JAN-1990

Sample Type: SOLID

Laboratory Control Sample Report

Date	Parameter (Method)	Average Spike Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
10-JAN-1990	TPH RECOVERABLE (EPA 418.1)	104	70-117	5.	15
12-JAN-1990	TOLUENE (EPA 8020)	71	60-120	11.	40
12-JAN-1990	ETHYLBENZENE (EPA 8020)	70	60-120	10.	40
12-JAN-1990	XYLENES, TOTAL (EPA 8020)	65	60-120	11	40



# facsimile transmittal

8832 DICE ROAD SANTA FE SPRINGS CALIFORNIA 90670 562 464-1215 PHONE 562 693-1156 FAX

to:	onna?	Smith Fax:	713 400	2-2053	
From: 6	/ yada GAR	eich Date:	10/10/07	•	•
Re:		Pages	35		_
cc:					_
☐ Urgent	☐ For Review	☐ Please Comment	☐ Ple≅se Reply	CONFIRMATION	

South B.

AIR LIQUIDE AMERICA, L.P.

Region Office • 8832 Dice Road, Santa Fe Springs, CA 30670-2516 Phone (562) 945-1383 • Fax (562) 693-1156





THOMAS A. TIDEMANSON, Director

# COUNTY OF LOS AN TELES

## DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE ALHAMBRA, CALIFORNIA 91803-1331 Telephone: (818) 458-5100

ADDRESS ALL CORRESPONDENCE TO: P.O. BOX 1460 ALHAMBRA, CALIFORNIA 91802-1460

January 9, 1989

in reply please refer to file:

I-225-1H

Liquid Air Corp. 8832 Dice Rd. Santa Fe Springs, CA 90670

Gentlemen:

cc:

HAZARDOUS MATERIAL UNDERGROUND STORAGE CLOSURE/SITE ASSESSMENT REPORT CLOSURE PERMIT NO. 4784B FACILITY LOCATION: 8832 Dice Rd.
This office has reviewed the closure report submitted on $\frac{necember \ 8,\ 1988}{necember \ 8,\ 1988}$ , for the subject facility.
In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by
·Very truly yours,
T. A. TIDEMANSON Director of Public Works  By Waste Wanagement Division
Enc / //

**DICE 01858** 

George DeVráes

CL207 Rev. 3/88

Use For Any Proposed Capital Expenditure, Equipment Lease, or Extraordinary Expense

ocation and Function	and Windmileshi	Request No.	Amendment	No.
<u>Santa Fe Springs-Sulk Ga</u>	ses Distributi	DD 894-32-1	42	
<u>Soil Boring Analyses and</u>	Report on Soi	1 Contaminat	ion Near Diese	l Fuel Disper
Category:	☐ Budgeted		For Home Office	Finance
☐ Expansion	Not Budgeted	Com	mission Number	
Cost Reduction	Person	Com	missian Amount	
Replacement	Responsible for Project Responsible	Prior	Requests	
Maintenance	for Project	11110	Request	
Other Regulatory LA	Estimated	Com	mission Remaining	
County Rules	Completion Time 11/30	/88		
Justification: Show breakdown of purch including deficiencies, and The request is for funds for below the suface of the diese receverable petroleum hydrocaneath the diesel tank accavatentlyzed at 805 and 6930 mg/s dated 10/09/88. Sizes TRPH of the funds are diesel took accavatentlyzed at 805 and 6930 mg/s dated 10/09/88. Sizes TRPH of the funds are diesel now. 04, 1988 geologist and drill rig and the cologist and drill rig and the cologist and drill rig and the cologist are dieselogist.	two (2) soil borial fuel dispensing arbon (TRFN) level tions analyzed class TRFN (at 4 feet axceeded 100 mg/ks	Do not generalize, lugs (six sample pump island to in the soil. can, the soil at below grade) por two, 40° hor	Attach pertinent scheduces per boring) to o determine the Alchough the sorround the pumpdion attached CTL ings as described each for TRPH +	les and details.  5 40 feet total il under- speaser lab report d above are
	1st Year	2nd Year	Future Years	TOTAL
Purchases To Be Capitalized	1st Year	2nd Year		
and the second s	1st Year	2nd Year		
	1st Year	2nd Year		
Other Costs To Be Capitalized	1st Year	2nd Year		
Other Costs To Be Capitalized	1st Year	2nd Year		
Other Costs To Be Capitalized	1st Year	2nd Year		
Other Costs To Be Capitalized	1st Year  \$ 4,800.00	2nd Year	Future Years	TOTAL
Other Costs To Be Capitalized  Total Capital  Purchases To Be Expensed  Other Costs To Be Expensed  Total Expense  Total Project Cost		2nd Year	Future Years	
Other Costs To Be Capitalized  Total Capital  Purchases To Be Expensed  Other Costs To Be Expensed  Total Expense  Total Project Cost		2nd Year	Future Years	TOTAL
Other Costs To Be Capitalized  Total Capital  Purchases To Be Expensed  Other Costs To Be Expensed  Total Expense  Total Project Cost  Trade in or Disposal – Cash Value  Net Outlay		Approval	Future Years  DICE	TOTAL
Purchases To Be Expensed Other Costs To Be Expensed Total Expense Total Project Cost Trade in or Disposal – Cash Value Net Cutlay	\$ 4,800.00	Approva	Future Years  DICE	TOTAL  = 01859
Other Costs To Be Capitalized  Total Capital  Purchases To Be Expensed  Other Costs To Be Expensed  Total Expense  Total Project Cost  Trade-in or Disposal – Cash Value  Net Outlay	\$ 4,800.00	Approval.	Future Years  DICE	TOTAL  = 01859
Other Costs To Be Capitalized  Total Capital  Purchases To Be Expensed  Other Costs To Be Expensed  Total Expense  Total Project Cost  Trade-in or Disposal – Cash Value  Net Outlay  Ustification Prepared By:  Wid Simon	\$ 4,800.00 Pate 11/07/88	Approva	Future Years  DICE	TOTAL  E 01859  Date
Other Costs To Be Capitalized  Total Capital  Purchases To Be Expensed  Other Costs To Be Expensed  Total Expense  Total Project Cost  Trade-in or Disposal – Cash Value  Net Coutlay  Ustification Prepared By:  Wid Sincon	\$ 4,800.00 Date 11/07/88	Approva	Future Years  DICE	TOTAL  = 01859

## ADDITIONAL CLOSURE REQUIREMENTS

the P.O.	additional information or requirements checked below must be submitted to Los Angeles County Department of Public Works, Waste Management Division, Box 1460, Alhambra, CA 91802-1460, in order to complete the evaluation of sure Permit No. 4784B
נו	Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
	Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.
[]	Describe method of obtaining, handling, and/or transporting samples.
[ ]	Indicate time and date samples were obtained.
[]	Submit logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils for all borings.
[]	Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory.
[]	Disposal destination of tanks and evidence of legal disposal.
[]	Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
[]	Documentation as to depth of groundwater at facility.
[ ]	Manifests to document hazardous waste disposal of removed soil.
[ ]	Evidence of legal disposal of soils designated as nonhazardous.
[]	Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.
[x]	Define the vertical and lateral extent of contamination.
[x]	Propose a remedial action plan to mitigate contamination.
[]	Proposed future uses or improvements for the area related to the contamination.
[]	Other
CI 21	07 Day 3/88

George DeVries

Consulting Geologist

Sinta Fe / purips

4520 E. Slauson Ave. Maywood. California 90270 - (213) 771-3046 / (213) 596-0467 Tunk Removal

November 2, 1988

Project No. 231-108 Closure Permit No. 4784 L.A. County File No. 225-1H

County of Los Angeles Department of Public Works Waste Management Division 900 S. Freemont Ave. Alhambra. CA 91803-1331

Subject: Geotechnical Evaluation and Review

Subsurface Tank Removal

Liquid Air Corp.

8832 Dice Rd., Santa Fe Springs,

for Whitaker Concrete Co.

Gentlemen,

This report presents the results of a geotechnical evaluation of the subsurface storage tank removal at the referenced site and a review of the work performed, and summary data presented by Whitaker Concrete Co. (WCC). A total of four (4) tanks were removed from the site on September 21, 1988 by WCC and transported for disposal. The tanks consisted of two (2) 7500-gallon diesel fuel tanks, one (1) 6200-gallon acetone tank, and one (1) 1000-gallon waste-oil tank. A summary of the work performed is presented in the appendix. Vicinity and site maps are presented in Plates i & 2. Upon removal of the tanks. selected soil samples were taken from below the tanks to assess the soil and determine if any potential contamination exists. The results of laboratory testing are presented in Plate 4, while the Chain of Custody Record is presented in Plate 5. Plate 6 presents copies of the tank and waste manifests. No subsurface logging was performed.

Prior to removal of the tanks, two borings were excavated in the vicinity of the acetone tank by Combustion Engineering. The borings were sampled and lacratory testing was performed. It is

understood the results of the earlier investigation was submitted to the regulatory agency and no additional analysis of that data is presented in this report. As a result of the initial borings, soil samples from below the removed acetone tank were not required in the county permit.

#### SITE LOCATION AND GEOLOGY

The subject site is located on the east side of Dice Rd. south of the junction with Slauson Ave. in the City of Sant Fe Springs, Los Angeles County. The present elevation is approximately 150 feet above sea level. The site consists of predominantly alluvial basin fill deposits associated with ephemeral stream deposition within the L.A. basin. The present course of the San Gabriel River is located approximately 1.3 miles to the west. The alluvial materials are generally sandy and silty in nature, though some areas contain some clay and gravel.

Analysis of subsurface ground-water contour data on file with the County of Los Angeles indicate the ground-water level in the vicinity of the site to be on the order of 70 feet below the ground surface. No water was encountered in the excavation.

#### SOIL SAMPLING AND EVALUATION

Selected soil samples were obtained from the earth materials below the tanks. Sample location was chosen in a manner so as to provide the most complete coverage of the subsurface materials and to provide for a more complete evaluation of potential soil contamination. Special attention was given to geological conditions which may provide for accelerated downward movement of ground water. Sample locations are depicted in Plate 2. As mentioned earlier, samples were not required from below the acetone tank due the results of earlier borings excavaated at the site by Combustion Engineering.

A total of seven (7) samples were taken from the earth materials in the vicinity of the removed tanks. Two samples each were taken from below the diesel fuel tanks, one sample was taken from below the waste-oil tank, and one sample each was taken from below each one of the pumps (Plate 2). The samples from below the tanks were taken approximately two feet below the tank bottom and the samples from below the pumps were taken approximately four feet below the pumps. The samples were placed in glass jars, sealed with tape, placed in ice to chill, and transported to Certified Testing Laboratories, Inc. for laboratory analysis. The samples were tested for Total Petroleum Hydrocarbons (TPH) using EPA method 418.1. The laboratory test results and the Chain of Custody Record are presented in the appendix (Plates 4 & 5).

#### CONCLUSIONS

Review of the summary data presented by Whitaker Concrete Corp., Chain of Custody Record, and laboratory test results, indicate the amount of hydrocarbon contamination in some of the earth materials in the vicinity of the removed tanks to be in excess of the "action limit". The County of Los Angeles considers 100 mg/Kg to be an "action limit" where concentrations in excess of this limit may be considered contaminated. Specifically, test results from below both of the pumps indicate excess hydrocarbon contamination of the soil.

It is recommended that remedial action be taken to reduce the amount of hydrocarbon contamination in the earth materials in the vicinity of the pumps. A combination of: 1) removal and transport, and/or 2) aeration, and/or 3) biodegradation, is recommended, subject to approval by the County of Los Angeles. Sufficient data are not presently available to determine the total extent of contamination in the vicinity of the pumps and it is recommended that a site assessment be performed to determine the extent of any contamination and provide recommendations for possible remedial action at the site. Any furture work is subject to approval by the Los Angeles County Department of Public Works. This work should be conducted in accordance with Federal. State, and Local regulations.

Laboratory test results from the soil below the removed tanks indicate the amount of TPH to be within the guidelines of the County of of Los Angeles. No additional removal or treatment of the earth material below the removed tanks is deemed necessary.

#### REMARKS

This investigation was made in accordance with generally accepted geologic procedures and within the limits prescribed by the client. No other warranty, expressed or implied, is made as to the professional evaluation included in this report.

Although no significant variations in bedrock or soil conditions are anticipated. If conditions are encountered during future restoration work, and these conditions appear to be different from those disclosed by this preliminary report. this office shall be notified to consider the need for modification.

The backfill at the site was compacted using on-site equipment. While a relative degree of compaction can be obtained in this manner, the fill was not tested and does not qualify as a certified fill. Should this area be used in the future to support structural loads, steps should be taken to test and insure the competence of the fill.

It should be realized that subsurface excavations are subject to caving and may present a hazard. In this regard, all shoring and bracing, if necessary, shall conform to current standards of the Industrial Accident Commission of the State of California and other public agencies having jurisdiction.

This report is subject to review by controlling public agencies having jurisdiction.

If you have any questions, please contact this office.

Respectfully submitted,

George DeVries

Registered Geologist 3721

GD:ga

Distr: Addressee (1)

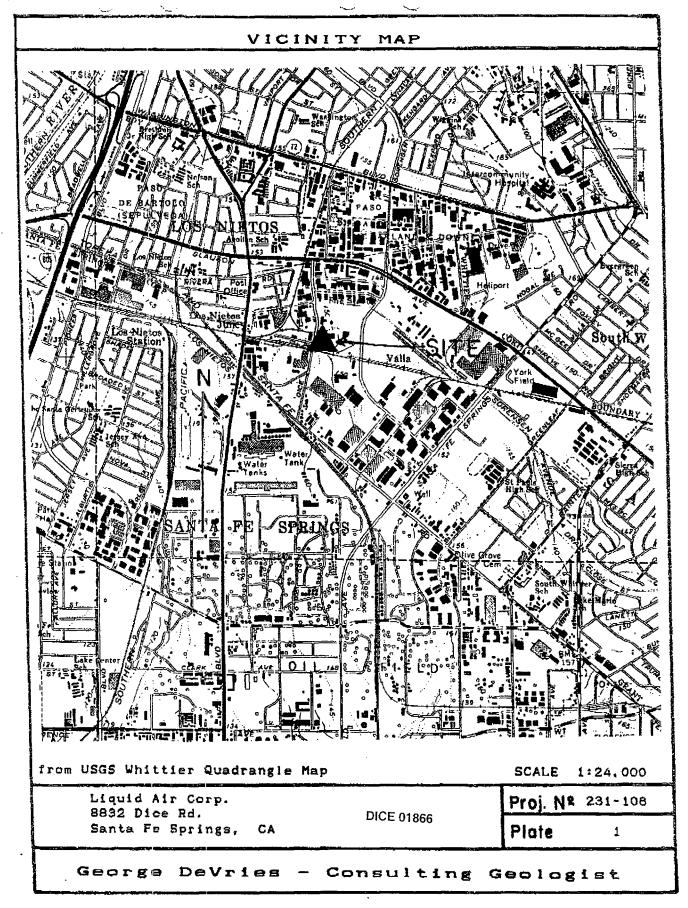
Whitaker Concrete Co. (1)

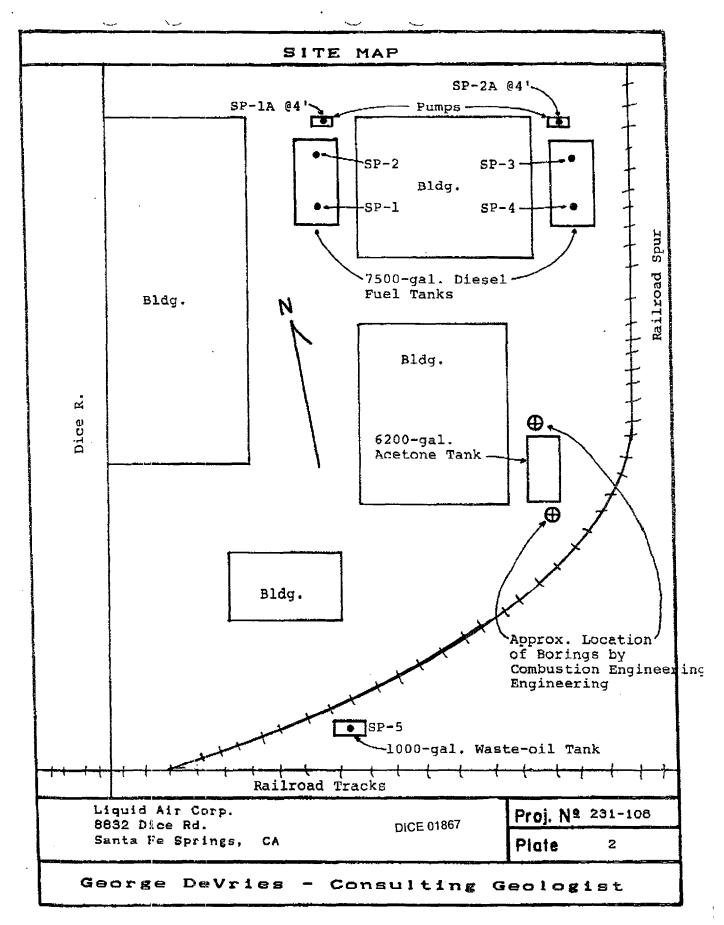
Liquid Air Corp. (1)

Attachments: Appendix A - Plates 1 thru 6

## Appendix A

Vicinity Map
Site Map
Closure Summary
Laboratory Test Results
Chain of Custody Record
Tank/Waste Manifests





# 1996 PHASE I AND II ENVIRONMENTAL ASSESSMENTS

RE

# **EXCHANGE OF PROPERTY**

BETWEEN

BARNARD/WITCO AND AIR LIQUIDE

10/98



#### **ENVIRONMENTAL STRATEGIES CORPORATION**

11911 Freedom Drive • Reston, Virginia 20190 • (703) 709-6500 • Fax (703) 709-8505

# PHASE I ENVIRONMENTAL ASSESSMENT AND PHASE II ENVIRONMENTAL INVESTIGATION

WITCO CORPORATION NORTH PLANT – EAST SANTA FE SPRINGS, CALIFORNIA

#### **PREPARED**

 $\mathbf{BY}$ 

## **ENVIRONMENTAL STRATEGIES CORPORATION**

**SEPTEMBER 6, 1996** 

#### i

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# Contents (continued)

#### Figures:

Figure 1 - Site Location

Figure 2 - Site Layout

Figure 3 - Areas of Concern

Figure 4 - Sample Locations

#### Tables:

Table 1 - Summary of Soil and Groundwater Sample Activities

Table 2 - Soil Data

Table 3 - Groundwater Data

#### Appendices:

Appendix A - Site Photographs
Appendix B - Aerial Photographs
Appendix C - Hazard Chemical List
Appendix D - Tank Information

Appendix E - Regulatory Database Search

Appendix F - Chain-of-Custody

Appendix G - Boring Logs and Well Construction Details

Appendix I - Field Sampling Forms
- Laboratory Data

#### **Executive Summary**

ESC conducted a Phase I environmental assessment and a Phase II investigation of the Witco North Plant-East facility in Santa Fe Springs, California. Witco manufactures fatty acids, glycerine, and fatty acid derivatives for use in various types of consumer products. The facility is in the process of closing.

Manufacturing operations have been conducted at the facility since the 1950s; however, Witco has only been operating at the site since 1988.

Historic aerial photographs of the site taken in 1953, 1970, 1986, 1990 and 1993 were reviewed by ESC. In the photograph taken in 1953, the site shows what appear to be residential buildings. The remaining photographs generally show the site as it exists today. No issues posing potential environmental concern were observed in the aerial photographs.

The primary raw materials used during manufacturing are zinc stearate, fatty acids, coconut oil, and glycerine. The raw materials are stored in aboveground bulk storage tanks.

Hazardous wastes generated at the facility include solids cleaned from the wastewater sumps and wastewater sludges. Hazardous wastes have been sent offsite for disposal since Witco acquired the property in 1988.

There are two empty and clean 10,000-gallon underground tanks that formerly contained methanol and there is a main underground sump for collection of wastewater and storm water. The wastewater/storm water go to a clarifier and microfiltration pretreatment system with sodium hypochlorite addition before permitted discharge to the Los Angeles County Sanitation District.

There are numerous aboveground tanks used to store raw materials, finished products, and other chemicals at the facility. There are currently 1400-1500 drums containing off-specification raw materials and products that are being stored pending proper disposal.

A formal asbestos survey has not been performed. Witco personnel indicated that there may be insulation on the esterfication tower that contains asbestos materials.

Currently, there are no electrical transformers that contain polychlorinated bipheynls (PCBs) at the facility.

Witco is listed on federal and state environmental databases including Toxic Release Inventory System (TRIS), Emergency Response Notification System (ERNS), and Underground and Aboveground storage tanks (UST/AST). These listings do not indicate that Witco has adversely affected environmental conditions at the site in the area.

ESC also reviewed federal state and databases to determine the potential for the facility to be affected by releases from neighboring properties. Several sites north of Witco (upgradient) pose an environmental concern due to documented releases of chlorinated volatile organic compounds. These sites include Parker Hannifin Corporation, Western Screw Products, Cal Western Paint, Corp., and Pilot Chemical Company. The presence of the regional groundwater contamination was verified by ESC's Phase I investigation, which is discussed below.

ESC performed a Phase II investigation to assess potential environmental liabilities associated with six areas of concern (AOCs) identified during the Phase I investigation of the Witco North Plant-East, Santa Fe Springs, California, facility. ESC installed five soil borings and one temporary monitoring well, and collected a total of five soil samples and one groundwater sample within the AOCs identified.

The results of the Phase II investigation indicated that Witco's operations have not adversely affected soil quality. The temporary groundwater monitoring well (downgradient of facility operations) that was installed contained chlorinated volatile organic compounds (VOCs) above California Action Levels and federal maximum contaminant levels; however, there is considerable documented evidence of areawide groundwater contamination from upgradient sources and there is no evidence to suggest that Witco is a source of the VOC contamination.

The results of both the Phase I and II investigation of the Areas of Concern indicate that no further investigative or remedial actions are necessary or warranted at the North Plant-East.

#### **Introduction**

#### General

A Phase I environmental assessment was conducted by Environmental Strategies Corporation (ESC) to identify existing and potential environmental liabilities at the Witco Corporation (Witco) facility, North Plant-East located in Santa Fe Springs, California. This Phase I investigation includes:

- a site inspection conducted on July 25, 1996 by Richard E. Freudenberger and Ashley W.
   Faddis of ESC with Jason C. Chai of Witco
- a review of available facility records
- a review of federal and state databases for sites within a one-mile radius of the facility
- a review of previously-conducted environmental work at the facility
- site photographs (Appendix A)

The Phase I results were used to identify areas of concern and recommend locations at the facility for a subsequent Phase II investigation.

Portions of this report are based on documents reviewed at the facility and on oral information provided by Mr. Al Nesheiwat, Corporate Environmental Manager, and Mr. Jason C. Chai, Health, Safety & Environmental Engineer of the Witco facility. This report is accurate to the best of ESC's knowledge and belief, and ESC has based the conclusions on the information supplied by Witco and the other sources described in this report.

# Assessment of Environmental Risks at the Witco Corporation Facility, North Plant - East, Located in Santa Fe Springs, California

#### Site Description and History

The Witco facility is located at 8724 Dice Road in Santa Fe Springs, California (Figure 1). The North Plant-East occupies approximately ten acres in an industrial/commercial area of Santa Fe Springs. The facility is bordered to the north by Pilot Chemical Co., Flight Trucking, Inc., West Bent Bolt Co., Parker Fluid Power, and Williams Machine Co.; to the west by Talco Plastics Co. and T-Chem Products. To the south is Phibro-Tech, Inc., Liquid Air, Inc., Diversey Corp., Schnee-Morehead Chemicals, and Consolidated Disposal Services, Inc. To the northeast is Nicsan Engineering Co. and Earl Manufacturing Co. The nearest residences are approximately 0.5 mile northwest of the facility. There are large tracts of undeveloped land also owned by Witco located north and south of the manufacturing facility.

The property and surrounding area are relatively flat and the nearest surface water body, the San Gabriel River, is located approximately 1.25 miles west of the facility.

The facility was constructed by Process Chemicals in the 1950s. Emery Chemical purchased Process Chemicals in 1963 and Witco acquired the North Plant in 1988. Similar products to Witco's were manufactured by previous owners. This assessment was conducted on the North Plant-East property owned by Witco.

Currently, the facility consists of a warehouse; maintenance building and boiler room; about 20 aboveground storage and process vessels; a 50,000-gallon propane tank; a wastewater treatment system; and two underground storage tanks that formerly contained methanol. The site is entirely paved with undeveloped areas along the southern boundary near a railroad spur, and north of the property (Figure 2).

The facility is currently undergoing closure; it recently employed about 50 people and operated three shifts per day. The North Plant-East manufactures surfactants through oxidation and esterfication. Finished intermediate products are exchanged with neighboring Witco operations (North Plant-West and

the South Plant) in Santa Fe Springs. The primary customers for Witco's intermediate product surfactants are cosmetic and cleaning agent companies.

#### Aerial Photographs and Sanborn Map Survey

Aerial photographs showing the facility in 1950, 1970, 1986, 1990, and 1993 were obtained. No Sanborn maps were available. The 1953 photograph shows what appear to be residential buildings on the site and currently undeveloped areas of the site. The 1970, 1986, 1990, and 1993 photographs show the facility and the undeveloped areas as they are today with little discernible changes from year-to-year. There is no visible evidence in the aerial photographs that suggests any environmental impacts from the site.

#### Materials Handling and Storage

A list of hazardous chemicals used at the North Plant-East is included as Appendix C and a list of chemical storage tanks is in Appendix D. The majority of the chemicals arrive in 55-gallon drums, tote bins (300 gallons), and tank trucks or railcars for storage in aboveground tanks. The primary raw materials (zinc stearate, fatty acids, coconut oil, glycerine) are mixed in low temperature and high temperature reaction vessels.

Three trucks including a tank trailer transport raw materials and products among the two neighboring Witco operations.

Non-RCRA hazardous wastes generated at North Plant-East include sludge from the wastewater treatment system. Witco's EPA ID No. is CAD008371627. Other non-hazardous wastes include normal refuse.

There are 1,400-1,500 drums containing off-specification raw materials and products currently stored at the North Plan-East. Witco is in the process of properly disposing of these drums in accordance with applicable regulations.

#### Underground and Aboveground Tanks

There are about 20 aboveground storage tanks and two empty and clean underground storage tanks that formerly contained methanol, each with capacities of 10,000 gallons (Appendix D). The 12 largest aboveground chemical storage tanks each has a capacity of 16,000-gallons and contain various materials. The remaining aboveground tanks have capacities less than 6,000 gallons.

#### Water, Wastewater and Storm Water

Potable water is supplied by the city of Santa Fe Springs. Process wastewater is generated from the washdown of various process areas and rinsing of tanks. All storm water falling within the plant process areas is collected within berms that surround these areas. Wastewater and storm water are then collected within the North Plant-East through a system of trenches that convey the water to the main sump at the wastewater treatment system.

Wastewater and storm water are stored in a 160,000-gallon tank in an unpaved area at the northern boundary of the plant. The underground sewer line from the North Plant-West rises above the ground surface after it enters the North Plant-East and conveys wastewater and storm water to the wastewater pretreatment system on the North Plant-East facility. The primary constituents present in the wastewater from the North Plant-East include surfactants (methylene blue active substances {MBAS}), fatty acids, and zinc. Pretreatment consists of screening, settling, and adding sodium hypochlorite and is permitted by the Los Angeles County Sanitation District (LACSD). The wastewater from the treatment plant on the North Plant-East facility is discharged to the LACSD.

Storm water that falls within the western edge of the plant and outside the process areas is conveyed to the municipal storm sewer system along Dice Road.

#### Asbestos

A formal asbestos survey has not been performed and Witco personnel indicated that insulation on the esterfication tower within North Plant-East may contain asbestos-containing material (ACM). No pipe or spray-on insulation was observed during ESC's site visit. According to Witco personnel, any ACM on the existing boiler at the facility was removed during renovation. No report on this activity was available.

#### Polychlorinated Biphenyls (PCBs)

According to Witco personnel, there is no electrical equipment or transformers within the North Plant-East that contain PCBs, with the possible exception of fluorescent light ballasts. Any transformers that may have contained PCBs were replaced by Southern California Edison in 1985-86.

#### Regulatory Database Review

Federal and state databases, including the National Priorities List (NPL), Comprehensive Environmental Response, Compensation, and Liability Information system (CERCLIS), state equivalent CERCLIS list (SCL), RCRA Corrective Action Sites List (CORRACTS), Calsites Database (SPL), RCRA permitted treatment, storage, and disposal facilities (TSD), permitted solid waste landfills, incinerators, or transfer stations (SWLF), Toxic Release Inventory System (TRIS), sites which have violated RCRA regulations (RCRA Viol), Underground Storage Tank Registrations (UST), Aboveground Storage Tank Registrations (AST), Toxic Pits, Emergency Response Notification System (ERNS), Leaking Underground Storage Tanks (LUST), and Deed Restrictions were reviewed for the subject property and properties within a 1-mile radius of the site. The database information is included as Appendix E.

The Witco facility is listed under TRIS for reporting diethanolamine, ethylene glycol, ethylene oxide, and hydrochloric acid. Under the ERNS database, the facility is listed for a release of methanol to the land. The facility is also listed in the UST/AST databases for registered tanks. No releases of hazardous substances or petroleum were reported for the site in the LUST databases.

There are over 30 sites listed under the various databases located within one mile of the site. One NPL site (Waste Disposal, Inc.) is located 0.53 mile west of the facility. Of the remaining sites, those that are north and, therefore, upgradient of the facility with respect to groundwater flow (see Site Geology and Hydrogeology), are discussed below.

Pilot Chemical Company is adjacent to the Witco site to the north and is listed on the CERCLIS, LUST, CORTESE, ERNS, TRIS, and UST/AST databases. Under CERCLIS, the site is listed as no further remedial action planned. Under LUST, Pilot Chemical has had leaks of diesel to the groundwater. In addition, ESC reviewed other files that indicate that Pilot Chemical is investigating groundwater contamination from chlorinated volatile organic compounds. Flight Trucking, located 0.03 mile north of the Witco property, is listed on the LUST database for a release of diesel fuel to soil. West Bent Bolt is 0.09 mile north of the subject site and is listed on CERCLIS as no further action planned, and on SCL and CORTESE for releases of pollutants including cyanides, household wastes, and unspecified sludge waste. Parker Hannifin Corporation, located 0.16 mile northeast of the subject site, is listed on TRIS for a release of 1,1,1 trichloroethane. Techni-Braze Inc., located 0.17 mile northeast of the Witco facility, is listed on SCL for a release of pollutants including gas scrubber waste, paint sludge, and phosphate sludge. Aerospace Rivet Manufacturing Corporation, located 0.18 mile north of the Witco property, is listed under TRIS for a release of sulfuric acid. Western Screw Products and Cal Western Paint Corp., located 0.24 mile north of the facility, are listed on CERCLIS as no further action planned and SCL. Western Screw appears to have had a release of halogenated solvents, and Cal Western Paint Corp. is listed for a release of latex waste and unspecified solvent mixtures.

It is possible that releases from the Pilot Chemical Company, Parker Hannifin Corporation, Western Screw Products, or Cal Western Paint Corp. may have adversely affected the condition of groundwater beneath the Witco site and have contributed to an areawide groundwater problem.

#### Summary of Previous Subsurface Investigation Results

In December 1987, Woodward-Clyde Consultants conducted a soil and groundwater investigation at the Witco North Plant-East facility. A summary of Woodward-Clyde Consultant's investigation is provided below.

#### Soil Sampling

Woodward-Clyde Consultants collected 13 soil samples to assess whether historic operations have adversely affected soil quality at the site. Eleven of the samples were collected by hand augering to a depth of approximately one foot. Following this, a modified California sampler containing four brass tubes was placed in the hole and hammered to a depth of 15 to 20 inches, thus, collecting the soil samples beneath the augured hole. Two subsurface soil samples were collected near the site of a reported drum of chlorosulfonic acid and the underground methanol storage tanks, respectively. Drilling was accomplished using an 8-inch hollow stem auger. The boring near the underground drum extended to about 10 feet below ground surface (bgs), and the boring near the methanol tanks extended to abut 20 feet bgs. Soil samples were collected as noted above.

Samples from each location were analyzed for pH and oil and grease using modified EPA Method 413.2. Two selected soil samples were also analyzed for total phenols using EPA Method 420.1 and one sample was analyzed for benzene, toluene, and xylenes (BTX) using EPA Method 8020.

The soil pH values ranged from 7.10 to 9.58 and oil and grease concentrations ranged from not detected to 540 mg/kg. The presence of oil and grease is likely due to releases of relatively non-toxic constituents, such as stearates, fatty acids, coconut oil, and glycerine as opposed to more toxic petroleum hydrocarbon compounds which are not used in large quantities at the facility. Concentrations of phenols and BTX were not detected.

#### Groundwater Sampling

One groundwater monitoring well was installed by Woodward-Clyde Consultants at the North Plant-East, upgradient of the chemical manufacturing and storage areas. The borehole for the monitoring well was drilled using a ten-inch outside diameter hollow stem auger. Organic concentrations of soil gas were measured for selected depths in the boring using an organic vapor analyzer (OVA). The boring was completed as a four-inch diameter monitoring well. Groundwater samples were collected and analyzed for pH, oil and grease, total phenols, BTX, and volatile organic compounds. Later, a second groundwater sample was collected and analyzed for semi-volatile organic compounds and total CAM metals (metals listed in the California Administrative Code, Title 22, Chapter 30, Section 66699).

The pH of the groundwater sample was 7.43 and the oil and grease concentration was 12.1 mg/l. There is no groundwater quality standard for oil and grease. Trichloroethene was detected at 28 ug/l, above the California Action Level (AL) and federal maximum contaminant level (MCL) of 5 µg/l. Tetrachloroethene was detected at 2 µg/l, below the California AL and MCL of 5 µg/l. The concentrations of CAM metals and semi-volatile organic compounds were all below applicable California Action Levels and federal MCLs.

The monitoring well installed by Woodward-Clyde was subsequently abandoned. No record of this activity was available.

#### Areas of Concern (AOCs)

It is important to recognize that fatty acids are used in various types of consumer products, including foods for human consumption. According to the document Dangerous Properties of Industrial Materials (January 1979), no lethal concentration, carcinogen, toxic dose, or threshold limit values have been identified for fatty acids. In addition, fatty acids are not regulated as hazardous substances, hazardous wastes, or priority chemicals by the U.S. Environmental Protection Agency (EPA). The absence of data and regulations is likely due to the innocuous characteristics of fatty acid substances. Due to the absence of toxicity for fatty acids, one of the primary intermediates or products manufactured at the facility, ESC did not identify potential releases of fatty acids at the facility to be an area of environmental concern warranting investigation.

The Phase I environmental assessment conducted by ESC identified the areas of concern (AOCs) described below and shown on Figure 3.

#### AOC 1 - Plant Sump

Witco has a number of wastewater trenches which collect and distribute wastewater to a main sump. The main sump on the east side of the north plant is located adjacent to the wastewater treatment system. Since the sump is below ground and accepts all wastewater flow from both the North Plant-East and North Plant-West, the integrity of the sump must be considered.

#### AOC 2 - Fatty Acid Area on East Side of Plant

There is a trench and storage tanks containing fatty acids located on the south portion of the North Plant-East. During the site visit, the concrete pavement in this area was stained and pitted.

#### AOC 3 - Unpaved Surface Surrounding Wastewater Storage Tank

The wastewater storage tank is situated above an unpaved surface, thus, it is possible that leakage may have adversely affected soil in this area.

#### AOC 4 - Zinc Stearate Area

The concrete surface of the zinc stearate production and storage area was pitted and stained during ESC's site visit.

#### AOC 5 - Stained Area East of Maintenance Building

The concrete surface of the maintenance area where drums are stored was stained at the time of the site visit.

#### AOC 6 - Groundwater

The historic operations at the plant may have adversely affected groundwater quality south or southwest of the plant. As discussed in the **Site Geology and Hydrogeology** section of this report, this is the regional groundwater flow direction. In addition, the groundwater quality may have been adversely affected by offsite groundwater contamination.

#### **ESC Phase II Investigation**

ESC performed a Phase II investigation on August 14, 15, 22, and 23, 1996 to assess the potential environmental liabilities associated with six AOCs identified during the Phase I assessment of the Witco facility.

The Phase II investigation consisted of hand auger investigations in five areas and installation and sampling of a temporary groundwater monitoring well. A summary of the soil and groundwater sampling activities performed during the Phase II investigation is provided in Table 1. The field methodologies and results of each task of work are described below.

#### **Investigation Methodology**

Activities performed for the ESC Phase II field investigation included: locating underground utilities near proposed drilling and hand auger locations; hand augering five soil borings and collecting undisturbed soil samples; and installing a temporary groundwater monitoring well and collecting a groundwater sample from the well.

#### **Utility Location**

The location of all buried utilities and underground objects near the proposed soil sampling and monitoring well locations was verified before drilling activities commenced. The proposed locations were marked by ESC with white spray paint and were initially cleared by Witco facility personnel.

Utilities near the proposed drilling locations were located by Spectrum ESI Urban Geophysics (Spectrum) of San Fernando, California. Spectrum used a variety of portable geophysical and line locating instruments to precisely locate and trace the path of buried utilities near the proposed drilling locations. Some sample locations were moved due to the close proximity of buried utilities near the originally proposed sampling locations. No underground objects were detected by Spectrum near the proposed drilling locations.

#### Soil Investigation

Before the soil borings could be hand augured, several locations required a concrete corer to access the underlying soils. A concrete coring machine was used to core a 4.5-inch diameter hole at all of the sample locations covered by concrete.

On August 14, 1996, five shallow soil borings were hand augured, sampled, and backfilled with the soil cuttings in the areas of concern at the facility (Figure 4). All borings were hand augured to onefoot bgs to six feet bgs and undisturbed soil samples were collected

The soil cuttings were also screened for volatile organic compound (VOC) content with a Thermo 580 B photo ionization detector (PID) equipped with a 10.6 electron volt lamp calibrated to benzene and isobutylene standards. The PID screening results indicated that no evidence of VOCs was present in any of the cuttings and bore holes.

The sampling equipment was decontaminated by scrubbing with a nonphosphate detergent followed by a double rinse of deionized, organic-free water. All decontamination water and drill cuttings generated during the soil boring activities were collected in clean 55-gallon steel drums and placed in a secure area at the facility.

Soil samples were collected immediately beneath the concrete or soil surface at a depth of one-foot below the ground surface (bgs). A two-inch split-spoon sampler fitted with a clean six-inch brass liner was used to collect the samples. After opening the sampler, the sample sleeve was removed and screened for organic vapors using the PID. Following PID screening, the ends of the brass liner containing the soil sample were immediately covered with teflon tape and capped with plastic endcaps. The sample sleeve was then labeled and placed in a cooler for later shipment to the analytical laboratory. Samples were shipped with chain-of-custody documentation, included in Appendix F.

After the hand augering and sampling were complete, each borehole was backfilled with the original soil cuttings. Each borehole was subsequently capped with concrete or native soil and finished to original grade.

One soil sample per boring was collected and submitted to the laboratory for chemical analysis. The five samples were analyzed for polycyclic hydrocarbons (PAHs) and VOCs by EPA Methods 8270 and 8260, respectively. Additionally, the sample from the zinc stearate production area was analyzed for total zinc. The soil samples were analyzed by IEA Laboratories of Cary, North Carolina, a California State certified laboratory.

#### **Groundwater Investigation**

On August 15, 1996, a hydraulically-driven sampling probe device was used to attempt to collect groundwater samples. Refusal was encountered at a very dense sand at approximately 6 to 18 feet bgs. Due to the dense sand formation beneath the site, the hydraulic sampling method was unable to reach saturated soils. Witco then requested that ESC drill and set a temporary well to collect groundwater samples. On August 22, 1996, ESC installed temporary well TW-3 to a depth of 55 feet bgs. West Hazmat Drilling of Anaheim, California drilled and installed the temporary well using a CME 75 drill rig equipped with seven-inch diameter hollow stem augers.

Cuttings were logged continuously for lithology during drilling using the U.S. Soil Conservation Service Unified Soil Classification System. Cuttings and the breathing zone around the well were also monitored for organic vapors using the PID. No VOCs were detected during the monitoring. Groundwater was first encountered between 40 and 50 feet bgs, and drilling continued approximately five feet beyond that point, to a medium coarse saturated sand zone.

TW-3 was completed as a one-inch diameter well using Schedule 40 PVC casing and screen. The screened section was five feet in length with 0.010-inch factory milled slots to help minimize siltation and turbidity. The well screen and blank casing were decontaminated using a steam cleaner before emplacement down the well borehole. A sand pack made up of #3 RMC Lonestar washed sand was placed in the annular space around the well screen to a height of five feet above the top of the well screen. The boring log and well construction details are provided in Appendix G. The downhole equipment was decontaminated by steam cleaning before and after the well construction activities. Soil cuttings and

rinsate water from the drilling operations were placed into clean 55-gallon steel drums. The drums were labeled and moved to a secure area. The well was abandoned once sufficient sample volume was recovered.

A tremie pipe was inserted into the open borehole adjacent to the temporary well casing. The well casing was pulled out of the borehole, and a bentonite slurry mix was pumped into the borehole through the tremie pipe.

Groundwater samples were collected from temporary well TW-3 on August 22, 1996. A copy of the field sampling form is provided in Appendix H.

The well was sampled with a clean disposable teflon bailer. Groundwater was transferred from the bailer into sample containers provided by the laboratory. The sample containers were labeled and placed in chilled coolers for transport to the analytical laboratory. The groundwater sample was collected for VOC analysis by EPA Method 8260 and for PAH analysis by EPA Method 8270. The sample was submitted to IEA Laboratories in Cary, North Carolina, for analysis.

#### Site Geology and Hydrogeology

The Witco site is located on upper Pleistocene alluvium of the Lakewood formation. The Lakewood formation overlies the lower Pleistocene San Pedro Formation, the Pliocene Pico and Repetto Formations, and the Miocene Puente Formation.

The surface of the site is located on the Bellflower Aquiclude, which is approximately 10 to 15 feet thick and consists of clays, silt, silty clays, and sandy clays. The Gage aquifer underlies the Bellflower aquiclude to a depth of 30 to 35 feet. Below the Gage, a second aquiclude exists to a depth of 50 feet. This aquiclude separates the Gage from the Hollydale aquifer. The Hollydale aquifer contains the first water beneath the site. This portion of the aquifer beneath the site, consisted of a dark brownish red medium to coarse grained sand. The sands were saturated, well sorted, and contained traces of gravels.

The general regional flow of groundwater in the area is in a south to southwest direction. Depth to first groundwater is approximately 50 feet beneath the site. The static water level is approximately 35 feet below ground surface.

#### Sample Evaluation Criteria

The Phase II investigation was performed by ESC, on behalf of Witco, as a voluntary investigation. ESC evaluated the analytical data by comparing the data to relevant and appropriate California and federal standards and guidelines.

The soil analytical data for VOCs and PAHs are compared to the EPA Region IX Preliminary Remediation Goals (PRGs) 1996. Groundwater analytical results are compared to the California Action ALs and the MCLs.

#### Soil Sample Results

The analytical results for VOCs and PAHs' are summarized in Table 2. The laboratory analytical report and quality assurance review are included as Appendix I.

No PAHs were detected in any of the soil samples collected in the North Plant-East facility. Trace levels of acetone that are considered negligible (all less than 15 ug/kg) were detected in two of the five samples. No other VOCs were detected in any of the soil samples. Zinc was detected at 67.3 µg/kg in the sample from the zinc stearate production area. All detected levels of PAHs, VOCs, and zinc are below the PRGs.

#### **Groundwater Sample Results**

The groundwater analytical results are summarized in Table 3. No PAHs were detected in the groundwater samples collected from temporary well TW-3. Three VOCs, 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE), and trichloroethene (TCE), were detected at concentrations of 5  $\mu$ g/l, 31  $\mu$ g/l, and 7  $\mu$ g/l. The PCE and TCE concentrations were above the California ALs and MCLs of 5  $\mu$ g/l for both compounds in the sample from TW-3. TW-3 is considered a downgradient well. Previous sampling in

1987 by Woodward-Clyde of a monitoring well upgradient of Witco's facility operations (see page 9 of this report) also revealed significant concentrations of TCE. Although VOCs exceed California ALs and MCLs, there are sources upgradient of Witco that were identified in the database search which are known to have contributed to an areawide groundwater contamination problem with VOCs. Witco has not used chlorinated solvents in manufacturing and there is no evidence that Witco's operations are a source of the VOCs detected in the samples collected from beneath the facility.

#### **Conclusions**

The Phase I environmental assessment and Phase II environmental investigation conducted by ESC identified the following areas of concern at the Witco North Plant-East facility in Santa Fe Springs, California.

#### Areas of Concern 1 - Plant Sump

Witco has a number of wastewater trenches which collect and distribute wastewater to a main sump. The one sump on the east side of the north plan is located adjacent to the wastewater treatment system. Since the sump is below ground and accepts all wastewater flow from both the North Plant-East and North Plant-West, the integrity of the sump must be considered.

ESC collected a soil sample from this area and found no detectable levels of VOCs or PAHs.

Thus, this area does not pose a concern and no remediation is warranted.

#### Areas of Concern 2 - Fatty Acid Area on East Side of Plant

There is an area which has a trench and storage tanks containing fatty acids. During the site visit, the concrete pavement in this area was stained and pitted.

ESC collected a soil sample from this area and found no detectable VOCs (except a trace of acetone) or PAHs. Thus, this area does not pose a concern and no remediation is warranted.

#### Areas of Concern 3 - Unpaved Surface Surrounding Wastewater Storage Tank

Because the wastewater storage tank is situated above an unpaved surface, it is possible that leakage may have adversely affected soil in this area.

ESC collected a soil sample adjacent to the wastewater storage tank and found no detectable VOCs and PAHs. Thus, this area does not pose a concern and no remediation is warranted.

#### Areas of Concern 4 - Zinc Stearate Area

During the site visit, the zinc stearate production and storage area with pitted and stained concrete was observed.

ESC collected a soil sample in this area and found no detectable VOCs (except a trace of acetone) or PAHs and an extremely low zinc concentration. Thus, this area does not pose a concern and no remediation is warranted.

#### Areas of Concern 5 - Stained Area East of Maintenance Building

The concrete surface of the maintenance area where drums are stored was stained at the time of the site visit.

ESC collected a soil sample in this area and found no detectable VOCs or PAHs. Thus, this area does not pose a concern and no remediation is warranted.

#### Areas of Concern 6 - Groundwater

The historic operations at the plant may adversely affected groundwater quality south or southwest of the plant. As discussed in the Site Geology and Hydrogeology section of this report, this it the regional groundwater flow direction.

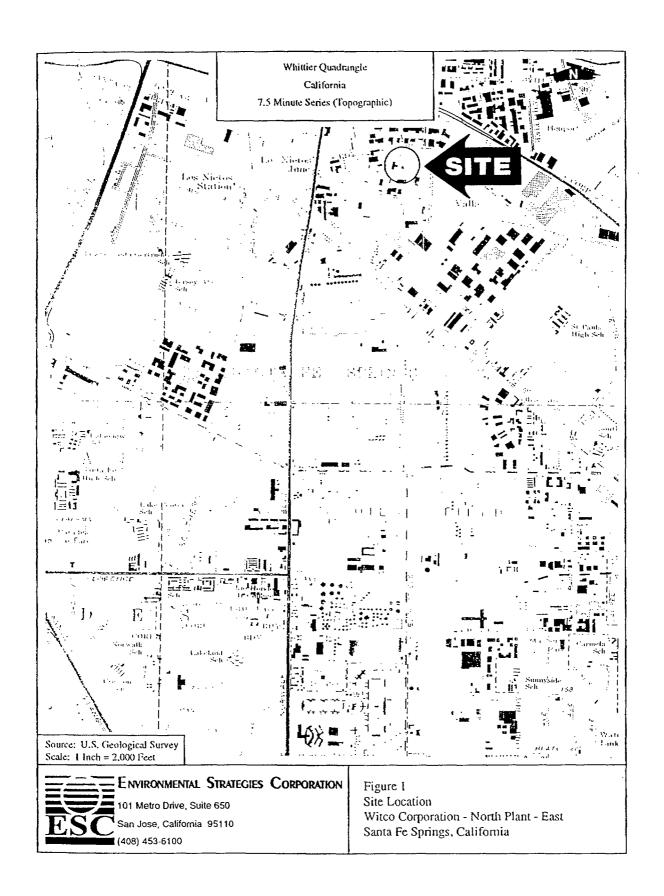
ESC installed a temporary groundwater monitoring well and found no detectable PAHs. Several chlorinated VOCs were detected above California ALs and MCLs, but there is documented evidence of areawide groundwater contamination from upgradient sources and no evidence to suggest that Witco is a source of these contaminants.

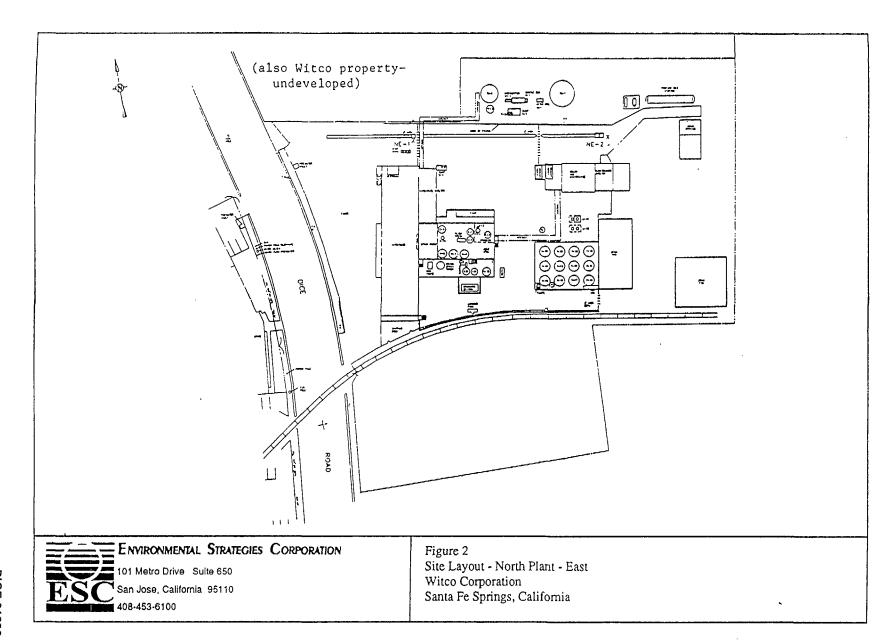
The results of the Phase II investigation of the AOCs indicate that no further investigation or remedial activities are necessary or warranted at the North Plant-East.

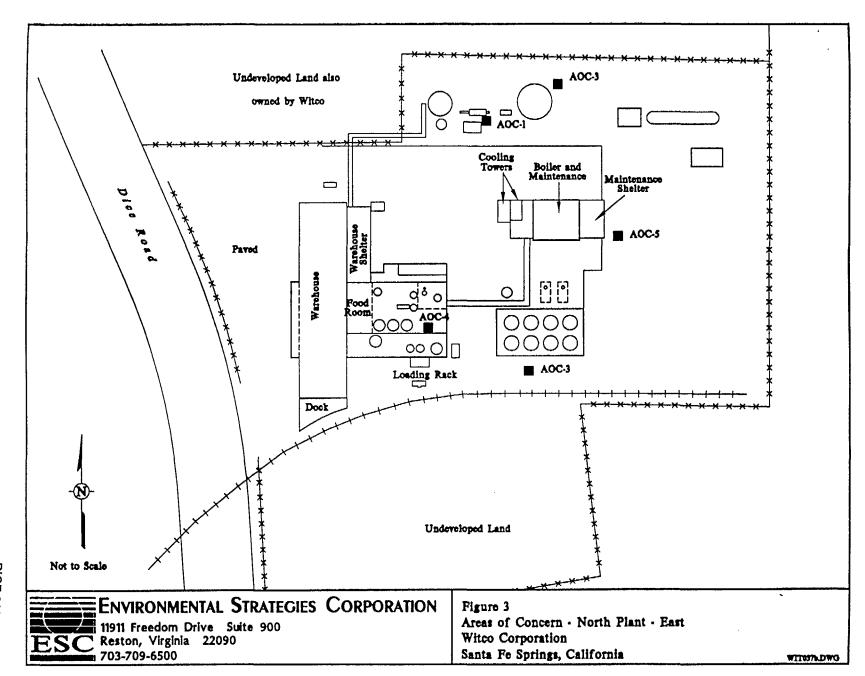
Figures

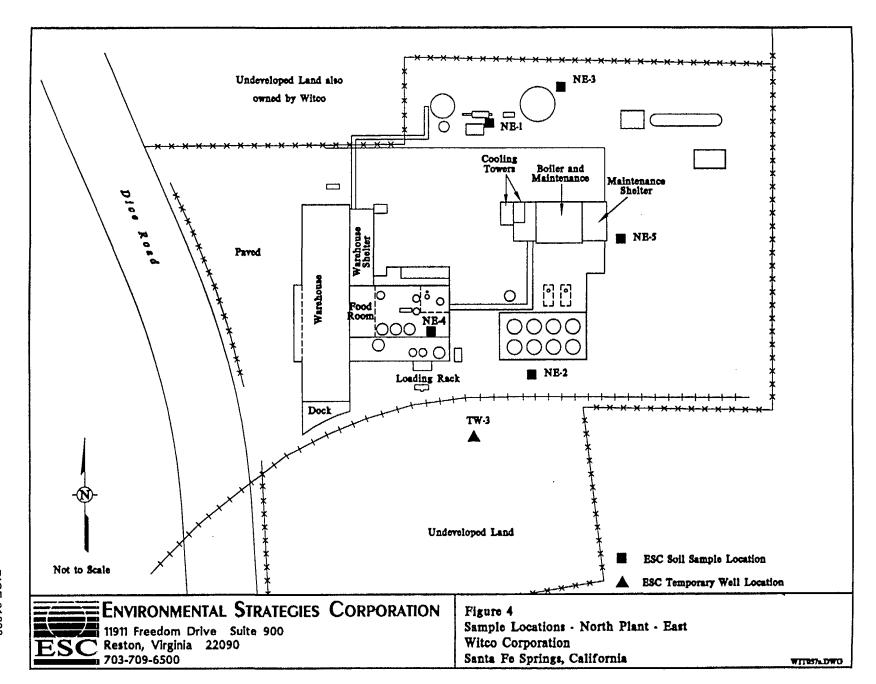
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Tables

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Table 1
Summary of Soil and Groundwater Sampling Activities
Witco Corporation Facility
Santa Fe Springs, California

Location	AOC	Media Sampled	Sample <u>Number</u>	Sample Depth (ft)	Sampling <u>Method</u>	Analytical . <u>Parameters</u>
NE-1	North Plant-East	Soil	NE-1-6	6'	Hand Auger	VOCs, PAHs
NE-2	North Plant-East	Soil	NE-2-6	6'	Hand Auger	VOCs, PAHs
NE-3	North Plant-East	Soil	NE-3-1	1'	Hand Auger	VOCs, PAHs
NE-4	North Plant-East	Soil	NE-4-2	2'	Hand Auger	VOCs, PAHs, Zinc
NE-5	North Plant-East	Soil	NE-5-1	I'	Hand Auger	VOCs, PAHs
TW-3	North Plant-East	Groundwater	TW-3		Bailer	VOCs, PAHs

## Table 2 Soil Analytical Results Semi-Volatile Organic Compounds Witco Corporation - North Plant-East Santa Fe Springs, California August 1996

Sample Location	NE-1	NE-2	NE-3	NE-4	NE-5
Depth	(6')	(1')	(1')	(2')	(1')
Compound					
Semi-Volatile Organics (ug/kg)					
Naphthalene	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND
Flouorene	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND
Benzo(a) anthracene	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND
Benzo (b) fluoranthene	ND	ND	ND	ND	ND
Benzo (k) fluoranthene	ND	ND	ND	ND	ND
Benzo (a) pyrene	ND	ND	ND	ND	ND
Indeno (1,2,3-cd) pyrenee	ND	ND	ND	ND	ND
Dinbenz (a,h) anthracene	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND

# Table 2 (continued) Soil Analytical Results Volatile Organic Compounds Witco Corporation - North Plant-East Santa Fe Springs, California August 1996

Sample Location Depth (ft)	NE-1 (6')	NE-2 (1')	NE-3 (1')	NE-4 (2')	NE-5 (1')
Compound	(* )	(- /	(-; /	( /	<b>\-</b> /
Volatile Organics (ug/kg)					
Acetone	ND	15 ЛВ	ND	13 ЛВ	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND

# Table 2 (continued) Soil Analytical Results Zinc Witco Corporation - North Plant-East Santa Fe Springs, California August 1996

	Sample Location Depth (ft)	
Compound		
Zinc (ug/kg)		
Zinc		67.3

Table 3
Groundwater Analytical Results
Volatile Organic Compounds
Witco Corporation - North Plant-East
Santa Fe Springs, California
August 1996

Sample L	ocation TW-3
Compound	
Volatile Organics (ug/kg)	
Acetone	ND
1,1-Dichloroethene	5
Tetrachloroethene	30
Toluene	ND
Trichloroethene	7

NOTE: NO SEMI-VOLATILE ORGANIC COMPOUNDS WERE DETECTED.

Appendix A - Site Photographs

**ESC** 

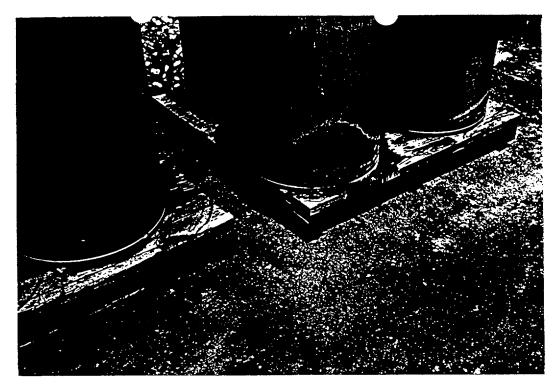


Photo 1: Stained area east of maintenance building. Witco Corporation, North Plant-East, Santa Fe Springs, California

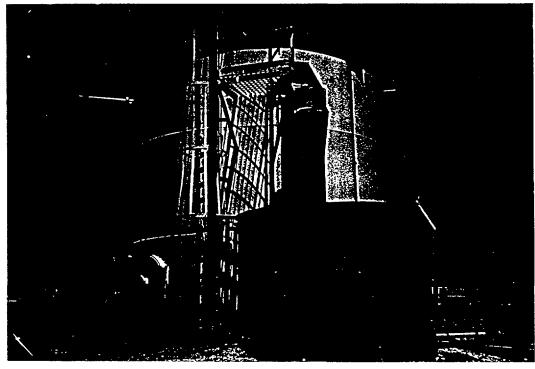


Photo 2: Aboveground wastewater storage tank. Witco Corporation, North Plant-East, Santa Fe Springs, California



Photo 3: Drums with off-specification materials pending disposal. Witco Corporation, North Plant-East, Santa Fe Springs, California

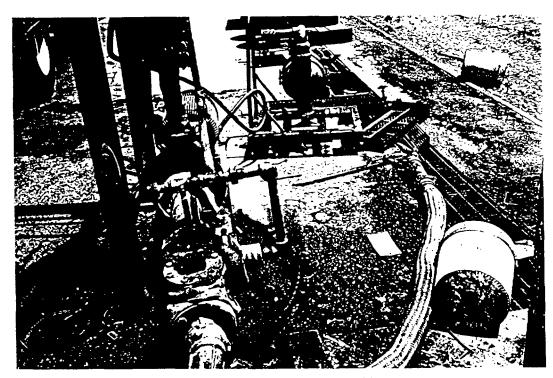


Photo 4: Sump and trenches near fatty acid area. Witco Corporation, North Plant-East, Santa Fe Springs, California

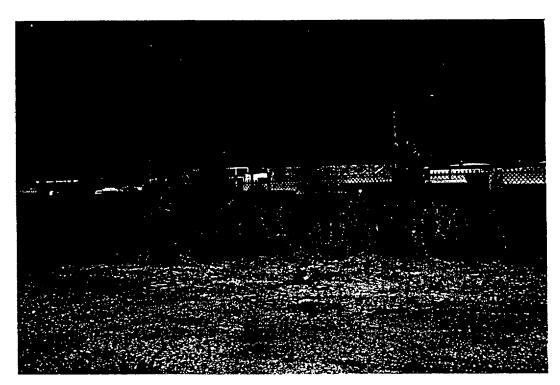
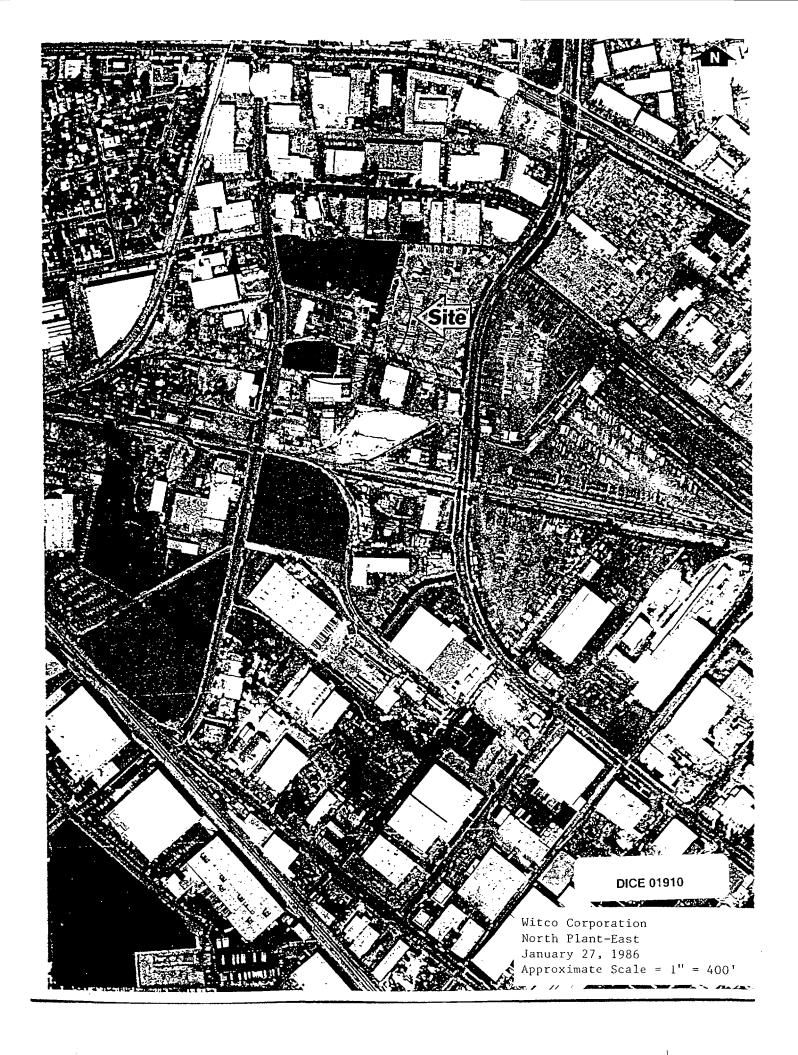
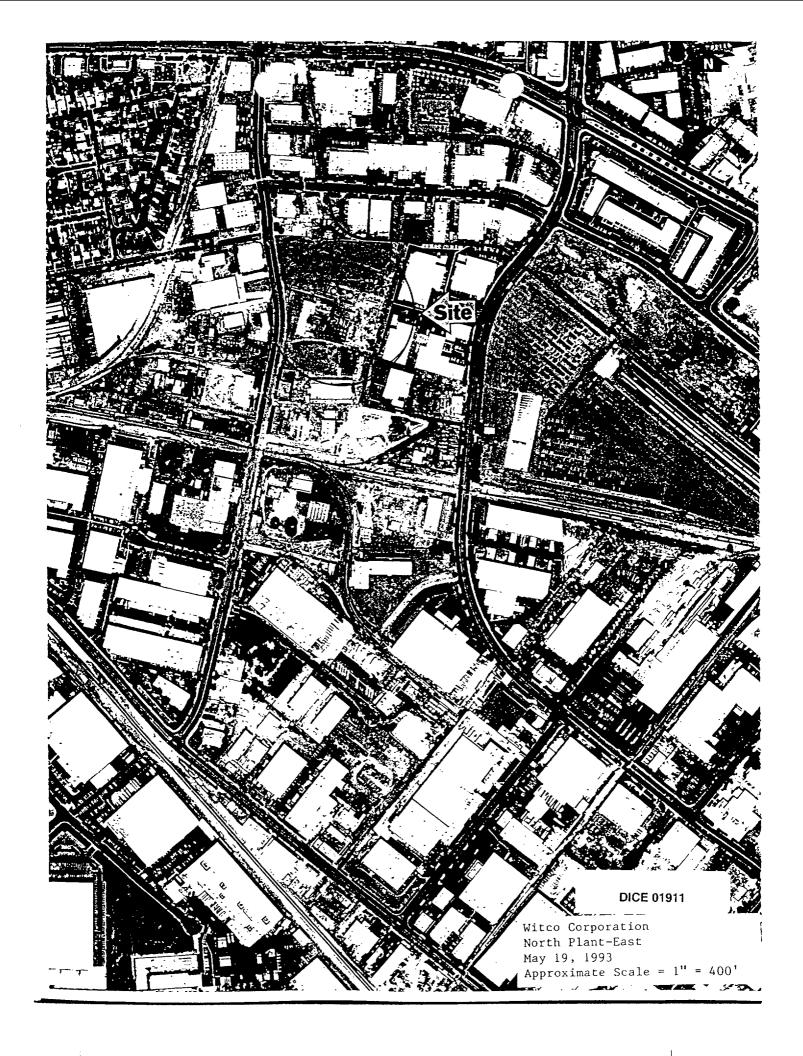
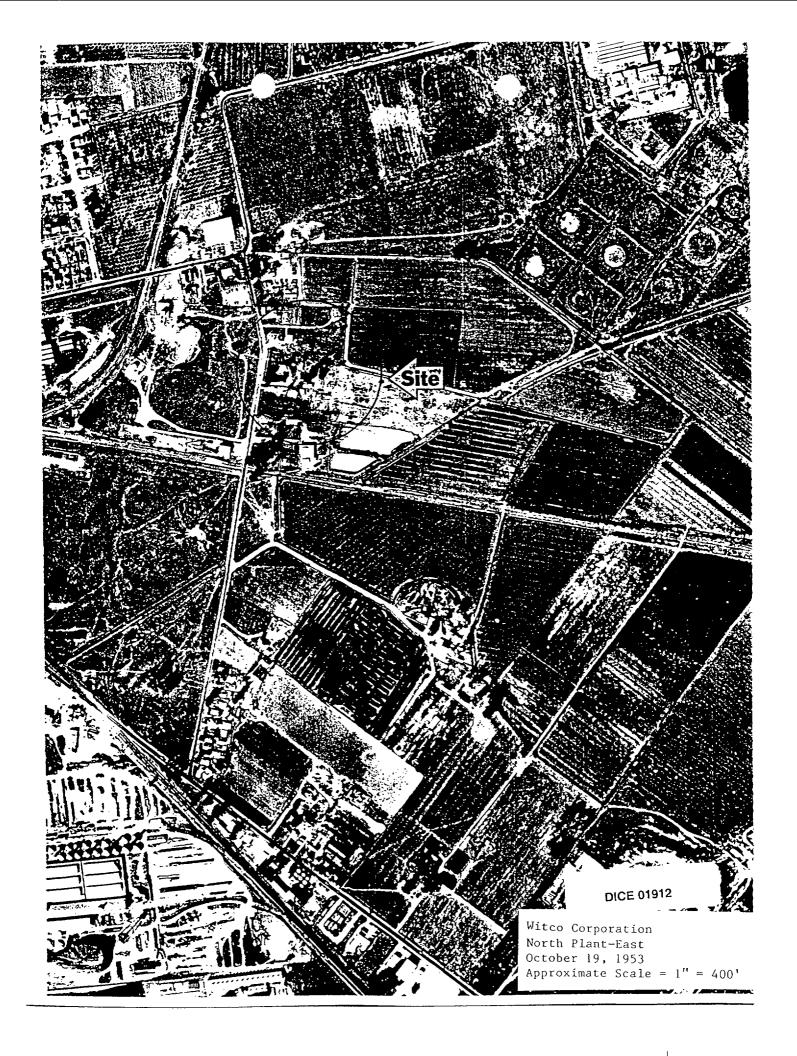


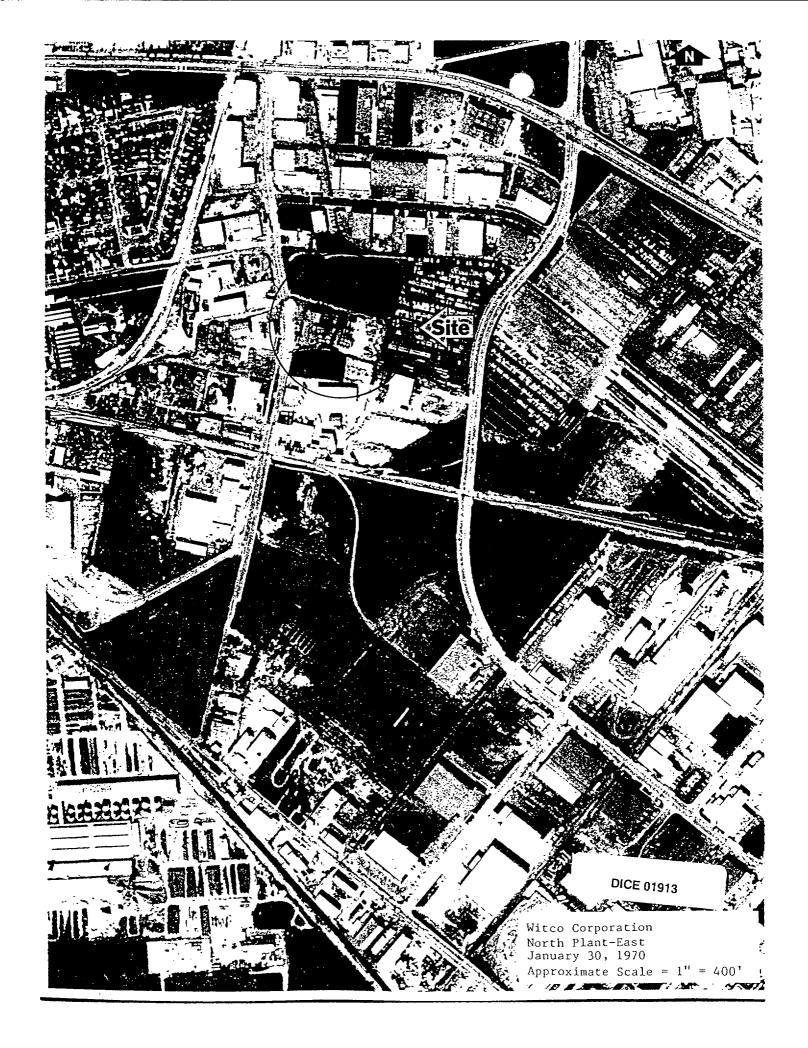
Photo 5: View of undeveloped parcel owned by Witco, north of plant area. Witco Corporation, North Plant-East, Santa Fe Springs, California

## Appendix B - Aerial Photographs











## Appendix C - Hazard Chemical List

### HAZARDOUS CHEMICAL LIST NORTH/EAST PLANT

	RQ Lbs.	Hazards
Air, Compressed		SRP*
Alkyl Benzene		Acute, Chronic
Alkyl Phenol Ethoxylate		Acute
Ammonium Hydroxide	1000	Acute, Chronic
Butanol	5000	
Calcium Hydroxide		Acute
Carbon Dioxide,	-	Acute
Coconut Oil, Fatty Acid	-	Acute
Decanol	-	Acute
Diethanolamine		Acute
Diethyl Amine	100	Acute, Fire
Ethylene Glycol	-	Acute, Chronic
Fuel Oil	-	Acute, Fire
Heat Transfer Oil	-	Acute, Chronic
Hexylene Glycol	<u></u>	
Hydrogen Peroxide (30%)	-	Acute, Reactive
Isopropyl Alcohol	-	Acute, Fire
Methanol	5000	Acute, Chronic, Fire
Nitrogen	-	Acute, SRP
Oxygen	-	Fire, SRP
Phosphoric Acid	5000	
Potassium Hydroxide	1000	Acute
Propane		

Sodium Chloride

Sod. Dodecyl Benz. Sulf.	1000	Acute
Sodium Hydroxide,	1000	Acute
Sodium Methylate	1000	Acute, Chronic, Fire

<sup>\*</sup>SRP - Sudden Release of Pressure

### Appendix D - Tank Information

			8724	Dicd R	load, SFS		
Tank:						Capacity	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Material	(ft.) े	(ft.)	Mat'l	Status	Gal	Туре
	ZINC STEARATE	8.0	8.0	ss	D01059	3000	er weren ist van de Heer Juge des Histories in dem Her Heer van van van de Austria (1901 is de 1901 is de
Y-34	DETERGENT BLEND	8.0	8.0	SS	D01058	3000	
Y-35	DETERGENT BLEND	10.0	16.0	SS	D01060	10000	,
Y-37	COCONUT OIL	12.5	17.5	Α		16000	
Y-38	DEA	12.5	17.5	S	M63039	16000	·
Y-39	FATTY ACID	12.5	17.5	SS		16000	
Y-40	TRUCK WASH	12.5	17.5	SS		16000	
Y-41	FATTY ACID	12.5	17.5	A		16000	
Y-42	GLYCERINE	12.5	17.5	A	M63038	16000	
Y-43	OLEIC ACID	12.5	17.5	S		16000	
Y-44	FATTY ACID BLEND	12.5	17.5	SS		16000	
Y-45	SORBITOL 70% (4508)	12.5	17.5	SS		16000	
Y-46	COCONUT FATTY ACID	12.5	17.5	A		16000	
Y-47	FATTY ACID 502	12.5	17.5	SS		16000	
Y-48	STEARIC ACID E-132	12.5	17.5	A		16000	
U-49	METHANOL	10.0	17.5	S	D01057	10000	Underground
U-50	M.T.	10.0	17.5	S	D01056	10000	Underground
Y-52	ETHYLENE GLYCOL	7.5	10.5	SS		3000	
M-6	DETERGENT BLEND	10.0	10.5	SS	_	6000	-
M-7	FATTY ACID BLEND	10.0	10.5	SS		6000	
M-8	FATTY ACID BLEND	10.0	10.5	SS		6000	
TK-1	WASTEWATER TANK	20.0	20.0	S		50000	
TK-7	WASTEWATER TANK	30.0	30.0	S		160000	
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## Appendix E - Regulatory Database Search

## SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION /
Project Name/Ref #: 212417/1	ELLEN MCDERMOTT
WITCO CHEMICAL COMPANY	ENV STRATEGIES(ESC)-SAN JOSE
8733 DICE RD	101 METRO DR STE 650
SANTA FE SPRINGS, CA 90670	SAN JOSE, CA 95110
Cross Street: SLAUSON AVE	·
Latitude/Longitude: ( 33.960495, 118.065712 )	

	Site Dist	ribution Summary	within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
Agency / Da	tabase - Type	of Records			. '. ::":	
A) Database	s searched to	o 1 mile:				
US EPA	NPL	National Priority List	0	0	0	1
US EPA	CORRACTS	RCRA Corrective Actions	2	0	2	0
US EPA	TSD	RCRA permitted treatment, storage,				
		disposal facilities	2	0	1	0
STATE	SPL	State equivalent priority list	1	1	1	1
B) Database	es searched to	o 1/2 mile:				
US EPA	CERCLIS	Sites under review by US EPA	6	2	6	_
STATE	SCL	State equivalent CERCLIS list	4	3	4	
STATE REG		Leaking Underground Storage Tanks				
co			3	8	12	-
STATE/	SWLF	Permitted as solid waste landfills,				
REG/CO		incinerators, or transfer stations	0	0	2	-
STATE	DEED RSTR	Sites with deed restrictions	0	0	0	-
STATE	CORTESE	State index of properties with				
		hazardous waste	4	7	6	-
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	
C) Database	es searched t	o 1/4 mile:				
US EPA	RCRA Viol	RCRA violations/enforcement actions	2	0		_
US EPA	TRIS	Toxic Release Inventory database	4	3		
STATE	UST/AST	Registered underground or	·		l	
	00111.01	aboveground storage tanks	8	10	_	_
COUNTY	UNIQUE CO	Unique county databases	1	2	-	
			1			
D) Database	es searched t	o 1/8 mile:				
US EPA	ERNS	Emergency Response Notification System of spills	14	_	_	_
US EPA	GNRTR	RCRA registered small or large				
		generators of hazardous waste	6			<u> </u>



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 113596-001

Date of Report: September 3, 1996

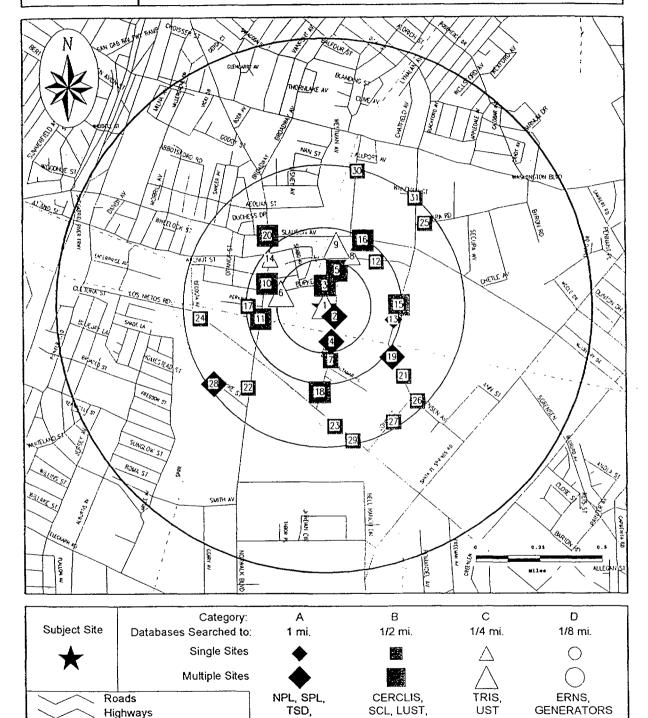
Page #1

This geographic database search meets the American Society for Testing Materials (ASTM) standards for a government records review. A (-) indicates the search distance exceeds ASTM search parameters.
·
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NOTES





# Map of Sites within One Mile



For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403

**CORRACTS** 

Report ID: 113596-001

Railroads

Utilities

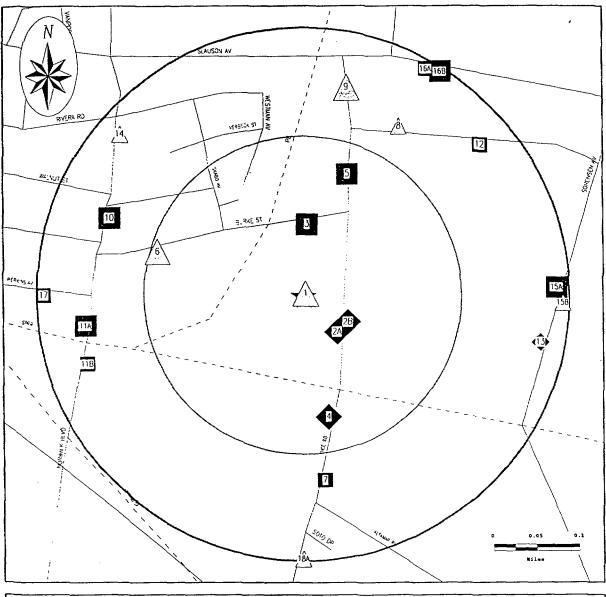
Rivers or Water Bodies

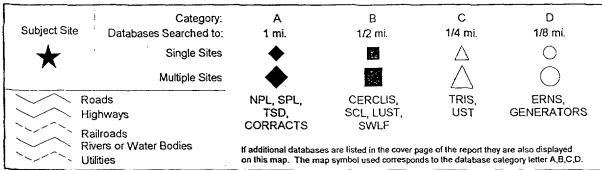
**SWLF** 

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.



# Map of Sites within Quarter Mile





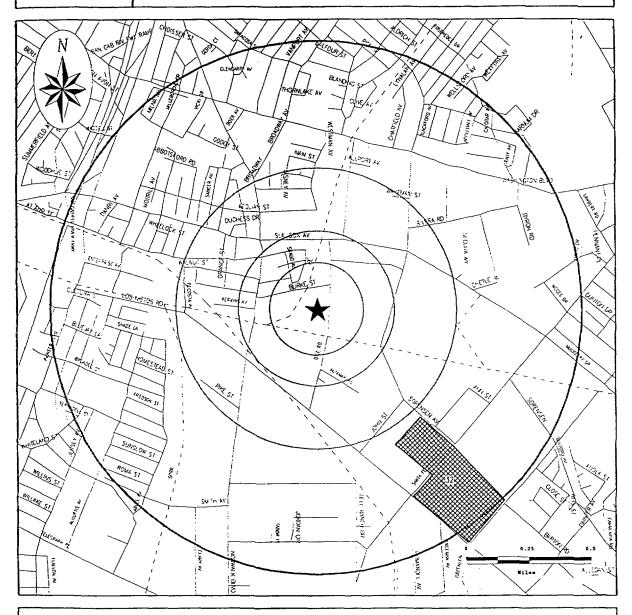
For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403

Report ID: 113596-001

Date of Report: September 3, 1996



# Sites Represented as Polygons



These boundaries are approximated from agency records or other sources such as published maps. They may represent property boundaries, impact zones, or study areas. For more information contact the agency referenced by source number in the site listing.

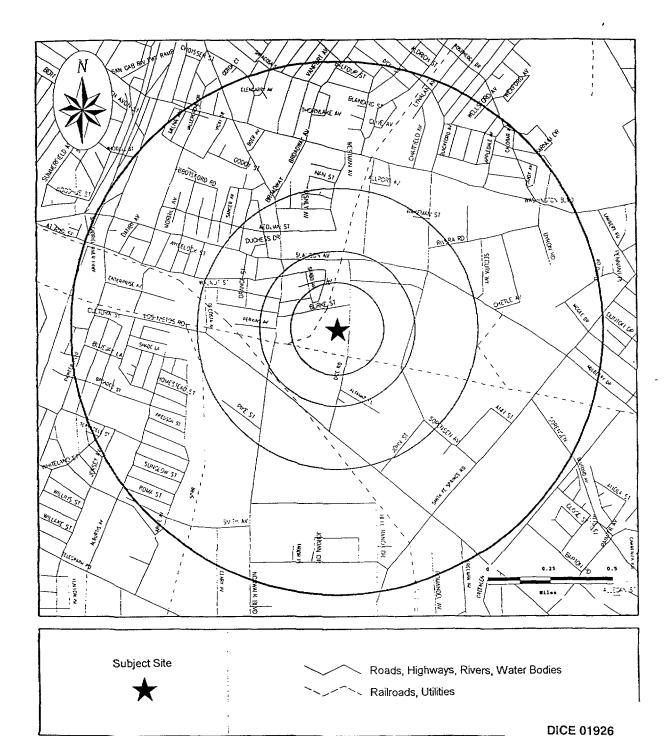
Roads Highways
Highways
Railroads
Rivers or Water Bodies
Utilities

For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403

Report ID: 113596-001 Date of Report: September 3, 1996
Page #5



# Street Map



### SITE INVENTORY

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5	WEST BENT BOLT 8623 DICE RD SANTA FE SPRINGS, CA 90670	5354006 0.09 MI N									x							•
5	MID WEST FABR CO 8623 DICE RD SANTA FE SPRINGS, CA 90670	274221 0.09 MI N																x
5	WEST BENT BOLT 8623 S DICE RD SANTA FE SPRINGS, CA 90670	1183438 0.09 MI NE					x	x										
6	TALCO PLASTICS INC 11650 BURKE WHITTIER, CA 90606	1237544 0.11 MI W	1												x			

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6	PALLEY PROPERTY 11630 BURKE ST , CA 90606	0.13 MI W														- 1	×		
7	T CHEM PRODUCTS INC 9028 DICE RD SANTA FE SPRINGS, CA 90670	418301 0.16 MI S							X						x	x			•
8	PARKER HANNIFIN CORP 11808 BURKE ST SPRINGS SANTA FE SPRINGS, CA 90670	319868 0.16 MI NE													x				•
9	AEROSPACE RIVET MFG. CORP. MANUFACT 8535 DICE RD. SANTA FE SPRINGS, CA 90670	0.18 MI N													x				
9	A-W ENGINEERING CO 8518 DICE SANTA FE SPRINGS, CA 90670	34957 0.19 MI N														x			
10	BARRETT SERVICE STATION 8728 NORWALK BLVD WHITTIER, CA 90606	1203224 0.18 MI W	ļ						x			x				X			
10	BARRETT SERVICE STATION 8728 NORWALK BLVD WHITTIER, CA 90606	6478853 0.18 MI W	1						x										
11A	C.F. PENG SERVICE STATION 8905 NORWALK BLVD. SANTA FE SPRINGS, CA 90670	2748870 0.19 MI W							x			х							
11A	NACHO'S BATTERIES 8917 NORWALK , CA 90606	4825493 0.19 Mi W															Х		
11B	ACI GLASS PRODUCTS INC 9010 S NORWALK BLVD SANTA FE SPRINGS, CA 90670	4497 0.20 MI W	1						x			x				x			



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12	11845 BURKE STREET SANTA FE SPRINGS, CA 90670	0.21 MI NE						x											•
13	ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVENUE SANTA FE SPRINGS, CA 90670	22476 0.22 MI E				x			x			X				x			•
14	H H MACHINE CO 8612 NORWALK BLVD WHITTIER, CA 90606	1160309 0.22 MI NW														x			•
15A	VANDENBERG AFB 8815 SORENSEN S. SANTA FE SPRINGS, CA 90670	5356622 0.23 MI E										x							
15A	PLAS-TAL MFG CO 8815 S SORENSEN AVE SANTA FE SPRINGS, CA 90670	5718420 0.23 MI E	1						x										
15B	SO PACIFIC TRANS CO 8834 SORENSON SANTA FE SPRINGS, CA 90670	4043436 0.24 MI E	1													x			
16A	CAL WESTERN PAINT CORP 11748 SLAUSON AVE SANTA FE SPRINGS, CA 90670	15315 0.24 MI NE					х	x								x			•
16B	WESTERN SCREW PRODUCTS #1 11770 SLAUSON AVE E. SANTA FE SPRINGS, CA 90670	5357834 0.24 MI NE										x							
16B	WESTERN SCREW PRODUCTS 11770 - 11780 SLAUSON BLVD SANTA FE SPRINGS, CA 90670	465500 0.24 MI NE					x	x											•
17	E.A. MENDOZA INC. 11574 PERKINS AVE. WHITTIER, CA 90606	3768036 0,24 MI W							×			x				x			
18A	MOBILE INSP SERVICE INC 9110 DICE SANTA FE SPRINGS, CA 90670	1161989 0.25 Mi S	r													x			

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MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	NPL	CORRACTS	TSD	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
	DICE ROAD 9165 DICE ROAD SANTA FE SPRINGS, CA	5435856 0.29 MI S							X									
18	DICE ROAD 9165 DICE ROAD SANTA FE SPRINGS, CA 90670	4824476 0.29 MI S							X									
18	DICE RD LOS NIETOS RD DUMP 9165 DICE RD SANTA FE SPRINGS, CA 90670	121556 0.29 MI S	,			x	x											



X = search criteria; • = tag-along (beyond search criteria).
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.
Report ID: 113596-001
Date of Report: September 3, 1996

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SANTA FE SPRINGS, CA 90670   SW   X   X   SANTA FE SPRINGS, CA 90670   MCKESSON CHEM CO   264990   28   11600 PIKE ST   SANTA FE SPRINGS, CA 90670   ALLPURE CHEMICAL COMPANY   493950   28   11600 PIKE STREET   0.48 MI   SANTA FE SPRINGS, CA 90670   SOUTHERN STEEL SUPPLY CO.   1245694		1			١.,			١.,	1						1			ĺ		
MCKESSON CHEM CO	28			ŀ	ļΧ	1	1	ĮΧ		1	1	ŀ		1	1		1		1	•
28 11600 PIKE ST			<del></del>	<u> </u>	1	L	1_	ļ_	┞-	<u> </u>	<u> </u>	<u> </u>	↓_	1_	1_	ļ	↓_	1_	<u>L</u>	L
SANTA FE SPRINGS, CA 90670   SW   A   A   A   A   A   A   A   A   A	^~	)												1	1		1	1	i	
SANTA FE SPRINGS, CA 90670	28						ĺ	Įχ	1						1			1	ı	•
28 11600 PIKE STREET 0.48 MI SW X • SANTA FE SPRINGS, CA 90670 SOUTHERN STEEL SUPPLY CO. 1245694				L	1	1	$\perp$	1_	_	_	_	_	1_	$\perp$	1	1	1	<u> </u>	L	
SANTA FE SPRINGS, CA 90670  SOUTHERN STEEL SUPPLY CO. 1245694		,													1			1	l	
SANTA FE SPRINGS, CA 90670  SOUTHERN STEEL SUPPLY CO. 1245694	28								X		1	1				•			1	]
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		1									_						1			
29 12350 LOS NIETOS ROAD 0.48 MI S X X •	29	12350 LOS NIETOS ROAD		J					-	X			X		1		•	1	1	
SANTA FE SPRINGS, CA 90670		SANTA FE SPRINGS, CA 90670	s			1	1												L	L!
SUR-LITE CORPORATION 413978					Γ	T		Γ	Г					Γ	$\Gamma$		Г			
30   8124 ALL PORT AVE	30	8124 ALLPORT AVE.		1				X										1	1	1
N N N N N N N N N N N N N N N N N N N	i	SANTA FE SPRINGS, CA 90670	IV	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1



				4		::::B			C	D
МАР	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)		CTS		S		SE SE	10L	٦	3
ID		VISTA ID DISTANCE DIRECTION	NPL CORRA	TSD SPL	CERCLI SCL	LUST	CORTE	RCRA V	UST/AS	ERNS
31	THIEM INDUSTRIES 8311 SORENSEN SANTA FE SPRINGS, CA 90670	4043434 0.50 MI NE	, ,			x				

							Α	11:11	Ŀ	:::::	В		:: <u>;</u> .:.			C		D	
Entry 4		SITES IN THE SU					ဖ		1			2		တ			o		
MAP		(within	1/2 - 1 mi	le)			5		S			S	빚	Ξl	의	اسرا	ပ		
ID	]		:				\$	1.	ĮΞ			8	ŭ	51	2	S	삥		œ
1 :	]		, 4		VISTA ID	انا	2		ıΙΖ		S		$\mathbb{Z}$	žΙ	2 0	ا≝اد	g	2	$\mathbb{Z}$
	:	1 7 122			DISTANCE	1	ဂ္ဂျ	2019	밴	ပ္ကြ	≳ا⊏	Œ	있	인	있	- 2	3	씸	줐
	WASTE	DISPOSAL INC			DIRECTION 460238	-	Н	- -	Ή≚	1	- 107	-	Ч	듸		1=	H		믝
32		LOS NIETOS RD			0.53 MI	$ \mathbf{v} $		- L	1.		ĺ			- 1		[	1		- 1
1	ī	E SPRINGS, CAS	90670			^		1			_			١					



			Α			:	E	I II .				C			D
UNMAPPED SITES	VISTA ID	NPL	CORRACTS	1SD	CERCLIS	SCL	LUST	DEED RSTR	CORTESE	TOXIC PITS.	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	GNRTR
ROSE HILLS	5739042							,					$\neg$	$\top$	
WHITTIER, CA				. 1	┚╴				ł				- 1		
CHEVRON	5349556			Ţ				Т	Г						
P.O BOX 3608				1				1	X				1	1	
SANTA FE SPRINGS, CA 90670									ļ				J	į	1
WITCO CORP	4824053			Ţ	Т			Τ						T	
12143 ALTAMAR PL				İ									X)	-	X
SANTA FE SPRINGS, CA 90670					$\perp$									$\perp$	



#### **DETAILS**

#### PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

NO	YES	NO	Release:	Release:	NO
Air Release:	Land Release:	Water Release:	Ground	Facility	Other Release
Fields Not Repo	orted:	Discharger Na	ame, Discharger Pho	ne	
Waterway Affec	ted:	NONE			
Material Spilled	:	WATER, 3000	0.00 (GAL)		
Material Spilled	:	METHANOL,	14000.00 (GAL)		
Discharger Org	:	WITCO PROD	DUCTS		
Source Agency	:	Ε			
Spill Location:		8733 D. DICE	RD		
Case Number:		90-6870			
Spill Date Time	<b>:</b> :	MAY 14, 1990	01:20:00 PM		
Agency Addres	s:	SAME AS AB	OVE		
RNS - Emergen	cy Response Notif	ication System / S	RC# 3006 Ag	ency ID:	90-6870
SA	NTA FE SPRING	3, CA 30070	PI	otted as:	Point
::-::::: :::::::::::::::::::::::::::::		C CA 00070			ADJACENT
	33 D. DICE RD			stance/Direction:	
VISTA WI	TCO PRODUCTS		IVI	STA ID#	200080899

VISTA W	ITCO CORP		VISTA ID#:	4024126
1 4 .4 .4 4	733 S DICE RD	•.	Distance/Direction:	0.00 MI /
1 . 1		00670		ADJACENT
ره ا	ANTA FE SPRINGS, CA	90070	Plotted as:	Point
RCRA-SmGen -	RCRA-Small Generator / S	RC# 3057	EPA ID:	CAD008371627
Agency Addre	ss:	SAME AS ABOVE		
Generator Cla	ss:	GENERATORS WHO GENER KG/MONTH OF NON-ACUTE		
STATE UST - St	tate Underground Storage	Tank / SRC# 1612	EPA/Agency ID:	N/A
Agency Addre		WITCO CORPORATION 8733 S DICE SANTE FE SPRINGS, CA 906	70	<del></del>
Underground	Tanks:	6		
Aboveground	Tanks:	NOT REPORTED		
Tanks Remove	ed:	NOT REPORTED		
Tank ID:	10	Tank Statu:	S: ACTIVEAN	SERVICE
Tank Contents	s: NOT REPORTED	Leak Monit	oring: UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping	g: FIBERGLAS	SS
Tank Size (Uni	its): 10000 (GALLONS)	Tank Mater	ial: STEEL	
Tank ID:	2 <i>U</i>	Tank Statu	s: ACTIVEAN	SERVICE
Tank Contents	S: NOT REPORTED	Leak Monit	oring: UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping	g: OTHER DE	SCRIPTIONS
Tank Size (Un	its): 10000 (GALLONS)	Tank Mater	ial: STEEL	
Tank ID:	30	Tank Statu	s: ACTIVEAN	SERVICE
Tank Contents	s: NOT REPORTED	Leak Monit	oring: UNKNOWN	1
Tank Age:	NOT REPORTED	Tank Piping	g: UNKNOWN	1
Tank Size (Un	its): 20000 (GALLONS)	Tank Mater	•	EL

**DICE 01934** 

Map ID

Map ID



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#### PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT. CLOSED 4U Tank ID: Tank Status: UNKNOWN NOT REPORTED Leak Monitoring: Tank Contents: UNKNOWN NOT REPORTED Tank Age: Tank Piping: 10000 (GALLONS) BARE STEEL Tank Size (Units): Tank Material: CLOSED Tank ID: Tank Status: NOT REPORTED UNKNOWN Tank Contents: Leak Monitoring: NOT REPORTED UNKNOWN Tank Piping: Tank Age: 10000 (GALLONS) BARE STEEL Tank Size (Units): Tank Material:

ACTIVEAN SERVICE Tank ID: Tank Status: UNKNOWN Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: AGENCY UNKNOWN Tank Piping: NOT REPORTED Tank Age: UNKNOWN Tank Material: NOT REPORTED (GALLONS) Tank Size (Units):

VISTA	WITCO CORP. OLEO/SURFACTANTS	VISTA ID#:	5296501	Map I	
Address*:	GROUP	Distance/Direction:	0.00 MI /		
l	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ADJACENT	1	
	8733 S. DICE RD.	Plotted as:	Point	•	
13-13 m <sup>13</sup>	SANTA FE SPRINGS, CA 90670		1	L	
TRIS - Toxi	c Release Inventory System / SRC# 2587	EPA ID:	CAD008371627		
Agency Ad	8733 S. DICE RD.	URFACTANTS GROUP			
	SANTA FE SPRINGS, C				
Chemical.	Abstract Service Registry:	Quai	ntity Released:		
DIETHANOLA	MINE	255.00 (POUNDS)			
ETHYLENE G	SLYCOL	255.00 (POUNDS)			
ETHYLENE O	XIDE	250.0	(POUNDS)		
NOT REPORT	TED	500.00 (POUNDS)			
HYDROCHLO	ORIC ACID	500.0	O (POUNDS)		

Address*: 8835 S DICE SANTA FE S	PRINGS, CA 90670	Distance/Direction: Plotted as:	ADJACENT Point
RCRA-SmGen - RCRA-Small	Generator / SRC# 3057	IEPA ID:	CAD983577024

GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 Generator Class: KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE

VISTA Address*: 8851 DICE RD SANTA FE SPRINGS, CA 90670		200212792 0.00 MI / ADJACENT Point
ERNS - Emergency Response Notification System / SRC# 3006	Agency ID:	93-1417
Aganay Address: SAME AS ABOVE		

Agency Address: JANUARY 11, 1993 07:00:00 AM Spill Date Time: 93-1417 Case Number: 8851 DICE RD Spill Location: Source Agency: VIGIL, EDWARD Discharger Name: SOUTHERN CALIFORNIA CHEM Discharger Org: Material Spilled: COPPER CHLORIDE (IC), 0.00 (UNK) Discharger Phone, Waterway Affected Fields Not Reported: Land Release: Other Release: Air Release: Water Release: Ground Facility

Release: Release: NO YES No NO NO NO



**DICE 01935** 

Map ID

Map ID

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VISTA:	SOUTHERN CALIF	ORNIA	CHEM		VISTA ID#:	200236859	Map ID
Address*	8851 DICE RD				Distance/Direction:	0.00 MI /	
	SANTA FE SPRING	S CA	00670			ADJACENT	2A
		<u> </u>	* * * * * * * * * * * * * * * * * * * *	<u> </u>	Plotted as:	Point	
RNS - Eme	rgency Response Noti	fication			Agency ID:	93-1417 '	
Agency Ad	dress:		SAME AS ABO	_			
Spill Date	Time:		JANUARY 11,	1993 07:00:00	AM		
Case Numb	per:		93-1417				
Spill Locati	ion:		8851 DICE RD	7			İ
Source Age			E				
Discharger	Org:		SOUTHERN C	CALIFORNIA CH	łEM		
Material Sp			COPPER CHL	ORIDE (IC), 0.0	00 (UNK)		
Fields Not			Discharger Na	ame, Discharger	Phone, Waterway Affected		i
Air Release		Water	Release:	Ground	Facility	Other Release:	
				Release:	Release:		
NO	YES	NO		NO	NO NO	NO	
VISTA	COLITIEDALCALIE	ODNIA	CUEM	<del></del>	VISTA ID#:	200211263	Map ID
Address*:	SOUTHERN CALIF	URIVIA	CHEM		Distance/Direction.	0.00 MI /	
Address .	8851 DICE RD	. :			Distance/Direction,	ADJACENT	2 1
	SANTA FE SPRING	SS, CA	90670		Plotted as:	Point	27
RNS - Eme	rgency Response Noti	fication	System / S	RC# 3006	Agency ID:	152717	L
Agency Ad		TIOG II OI	SAME AS ABO		1. 1901.07	1.02. 1.	
Spill Date			JANUARY 11.	1993 07:00:00	) AM		
Case Numb			152717				
Spill Locat			8851 DICE RI	5			
Source Age			N			•	}
Discharger			VIGIL, EDWAI	RD			
Discharger				CALIFORNIA CI	НЕМ		}
Ciscinaryer	V. 9.						i

1		Release:	Release:			
NO	YES NO	NO	NO	NO		
VISTA	SOUTHERN CALIFORNIA CHEM		IVISTA ID#:	200235330		Map ID
Address*:				0.00 MI /		
Addiess.	8851 DICE RD		Distanceron ection.	0.00 1017	1	0.4

COPPER CHLORIDE (IC), 0.00 (UNK)

Ground

ASPHALT AND GRAVEL UNDERLAID WITH PLASTI

Facility

VISTA Address*:	SOUTHERN CALIFORNIA CHEM 8851 DICE RD	VISTA ID#: Distance/Direction:	200235330 0.00 MI /
	SANTA FE SPRINGS, CA 90670	Plotted as:	ADJACENT Point
ERNS - Eme	rgency Response Notification System / SRC# 3006	Agency ID:	152717
Agency Ad	dress: SAME AS ABOVE		

	CANDA LE CODINICS CA BOCZO			٠.
	SANTA FE SPRINGS, CA 90670	Plotted as:	Point	:
RNS - Emer	gency Response Notification System / SRC# 3006	Agency ID:	152717	
Agency Ado	lress: SAME AS ABOVE			_
Spill Date T	ime: JANUARY 11, 1993-07:00:00	O AM		

Discharger Phone

Water Release:

Spill Date Time: 152717 Case Number: Spill Location: 8851 DICE RD

Land Release:

Source Agency:

Version 2.4.1

Discharger Org: SOUTHERN CALIFORNIA CHEM Material Spilled: COPPER CHLORIDE (IC), 0.00 (UNK)

Waterway Affected: ASPHALT AND GRAVEL UNDERLAID WITH PLASTI

Fields Not Reported: Discharger Name, Discharger Phone

Air Release:	Land Release:	Water Release:	Ground	Facility	Other Release:
			Release:	Release:	
NO	YES	NO	NO	NO	NO

**DICE 01936** 



Material Spilled:

Air Release:

Waterway Affected: Fields Not Reported:

Other Release:

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VISTA	SO CAL CHEMICA	Los all all all all all all all all all al		ISTA ID#:	200060550		
Address*:	8851 DICE RD		::::::::::::::: C	Distance/Direction:	0.00 MI /		
	SANTA FE SPRING	28 CA 90670			ADJACENT		
<u>#</u> #:	SANTA LL SERIN	33, CA 30070	- P	Plotted as:	Point ::::::::		
RNS - Eme	ergency Response Not	ification System / S	SRC# 3006 A	gency ID:	91-6386		
Agency Ad	ldress:	SAME AS AE	OVE				
Spill Date		SEPTEMBER	<b>27, 1991 0</b> 1:30:00	O AM			
Case Num	ber:	91-6386					
Spill Locat	ion:	8851 DICE R	8851 DICE RD				
Source Ag		E	E				
Discharge	r Org:	SO CAL CHE	SO CAL CHEMICAL				
Material Si	oilled:	HYDROCHL	HYDROCHLORIC ACID, 0.00 (UNK)				
Waterway	Affected:	NONE	NONE				
Fields Not	Reported:	Discharger N	Discharger Name, Discharger Phone				
Air Releas		Water Release:	Ground	Facility	Other Release		
			Release:	Release:			
YES	YES	NO	NO	NO	NO		

VISTA S	HTUOS	ERN CALIFORNIA	CHEMIC	AL	VISTA ID#:		389782 :	
6 dalam - 4.	COMPA	· ·			Distance/Direc	tion:	0.00 MI /	
,	8851 DI	CE ROAD					ADJACENT	
1		FE SPRINGS, CA	90670		Plotted as:	ĺ	Point	
		t CERCLIS List / SR			Agency ID:		19280516	
Agency Addr		t oblitoblo blot i ott	SAME AS AE	BOVE	1. 90.(0) .0.		10200010	
Facility Type:			NOT AVAILA	BLE				
Lead Agency			NOT AVAILA	BLE				
State Status:			FORMER AN	INUAL WORKPL	AN SITE REFERRE	D TO RC	RA	
Pollutant 1:			NICKEL					
Pollutant 2:			CHROMIUM	(VI)				
Pollutant 3;			UNSPECIFIE	ED SLUDGE WAS	STE			
Fields Not Re	eported:		Status					
TATE UST - S	State Un	derground Storage	Tank / SRC	# 1612	EPA/Agency II	D:	N/A	
Agency Addr	ess:			CALIFORNIA CH	HEMICAL			
			8851 S DICE SANTE FE S	: SPRINGS, CA 906	670			
Underground	d Tanks:		4					
Aboveground			NOT REPOR	RTED				
Tanks Remov	ved:		NOT REPOR	RTED		-		
Tank ID:		10		Tank Statu	s: CLOS	ED REM	10VED	
Tank Conten	ts:	DIESEL		Leak Monit	toring: UNKN	IOWN		
Tank Age:		NOT REPORTED		Tank Pipin	g: UNKN	IOWN		
Tank Size (U	nits):	10000 (GALLONS)		Tank Mater	ial: UNKN	IOWN		
Tank ID:		2U		Tank Statu	s: CLOS	ED REM	10VED	
Tank Conten	ts:	DIESEL		Leak Monit	toring: UNKN	IOWN		
Tank Age:		NOT REPORTED		Tank Pipin				
Tank Size (U	nits):	10000 (GALLONS)		Tank Mater	iui.	IOWN		
Tank ID:		30		Tank Statu	J.	/E/IN SE	RVICE	
Tank Conten	ts:	REPORTED AS "UNKNOV	VN" BY	Leak Monit	omig.	IOWN		
Tank Age:		AGENCY NOT REPORTED		Tank Pipin	9.	IOWN		
Tank Size (U		NOT REPORTED (GALLO	NS)	Tank Mater	rial: UNKN	IOWN		
· OILC O		, , , , , , , , , , , , , , , , ,						

**DICE 01937** 



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Map ID

Map ID

ACTIVEAN SERVICE Tank ID: Tank Status: REPORTED AS "UNKNOWN" BY UNKNOWN Tank Contents: Leak Monitoring: AGENCY UNKNOWN Tank Piping: NOT REPORTED Tank Age: UNKNOWN Tank Material: NOT REPORTED (GALLONS) Tank Size (Units): TRIS - Toxic Release Inventory System / SRC# 2587 EPA ID: CAD008488025 SOUTHERN CALIFORNIA CHEMICAL CP CHEMICA Agency Address: 8851 DICE RD. SANTA FE SPRINGS, CA 906700118 **Chemical Abstract Service Registry:** Quantity Released: 205.00 (POUNDS) NOT REPORTED 192252.00 (POUNDS) HYDROCHLORIC ACID 330.00 (POUNDS) NOT REPORTED (POUNDS) SULFURIC ACID AMMONIA 406100.00 (POUNDS)

VISTA SOUTHERN CAL CHEMICAL VISTA ID#: 200036256 Address\* Distance/Direction: 0.00 MI/ 8851 DICE RD **ADJACENT** SANTA FE SPRINGS, CA 90670 Plotted as: Point ERNS - Emergency Response Notification System / SRC# 3006 Agency ID: 61248

Agency Address:

SOUTHERN CAL CHEMICAL

8851 DICE RD

SANTA FE SPRINGS, CA

FEBRUARY 26, 1991 09:00:00 AM

Spill Date Time: Case Number: Spill Location: Source Agency:

61248 8851 DICE RD

VIGIL ED

Discharger Name: SOUTHERN CAL CHEMICAL Discharger Org:

CHLORINE, 10.00 (LBS) Material Spilled: Waterway Affected:

Fields Not Reported: Discharger Phone

Air Release: Other Release: Land Release: Water Release: Facility Ground Release: Release: YES NO NO NO NO NO

VISTA ID# VISTA 200056759 SO CAL CHEM CO. Address\*. Distance/Direction: 0.00 MI / **8851 DICE RD** ADJACENT SANTA FE SPRINGS, CA 90670 Plotted as: Point Agency ID: 91-5831

ERNS - Emergency Response Notification System / SRC# 3006

Agency Address: SAME AS ABOVE

Spill Date Time: AUGUST 27, 1991 08:52:00 AM 91-5831 Case Number:

8851 DICE RD Spill Location:

Source Agency: SO CAL CHEM CO.

Discharger Org: Material Spilled: HYDROCHLORIC ACID, 0.00 (UNK)

Waterway Affected: NONE

Fields Not Reported: Discharger Name, Discharger Phone

Air Release: Land Release: Other Release: Water Release: Ground Facility Release: Release: YES NO NO NO

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Map ID

2Α

Map ID

VISTA	SO, CAL CHEMICA	LS	j	VISTA ID#:	200037055	Мар
Address*:	8851 DICE RD		1.5	Distance/Direction:	0.00 MI /	🚣 '
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C CA 00070			ADJACENT	2/
	SANTA FE SPRING	55, CA 90670		Plotted as:	Point	
RNS - Eme	rgency Response Noti	fication System / S	SRC# 3006	Agency ID:	91-2667	L
Agency Ade		SAME AS AB				
Spill Date		FEBRUARY :	<b>26, 1991 09:00</b> :	00 AM		
Case Numb		91-2667			1	
Spill Locati	ion:	8851 DICE R	D			
Source Age		Ε				
Discharger	•	SO. CAL CHE	EMICALS			
Material Sp	_	CHLORINE,	10.00 (LBS)			
Waterway A		NONE				
Fields Not		Discharger N	ame, Discharge	r Phone		
Air Release	e: Land Release:	Water Release:	Ground	Facility	Other Release:	
			Release:	Release:		
YES	NO	NO	NO	NO	NO	
VISTA	SO CAL. CHEMICA	15	<del></del>	VISTA ID#	200037056	Map
Address*:	8851 DICE RD	)		Distance/Direction:	0.00 MI /	
	1	20.04.00070			ADJACENT	2
·				[	-1	
	SANTA FE SPRING	33, CA 30070		Plotted as:	Point	
RNS - Eme	SANTA FE SPRING		SRC# 3006	Plotted as: Agency ID:	Point 91-2668	L

Agency Addres	s:	SO CAL. CHE 8851 DICE RI SANTA FE SE						
Spill Date Time	::		6, 1991 08:15:00 A	А				
Case Number:		91-2668						
Spill Location:		8851 DICE RI	ס					
Source Agency	:	Ε	E					
Discharger Org	:	SO CAL, CHE	MICALS					
Material Spilled	:	CHLORINE G	AS, 0.00 (UNK)					
Waterway Affect	ted:	NONE						
Fields Not Repo	orted:	Discharger No	ame, Discharger Pho	ne				
Air Release:	Land Release:	Water Release:	Ground	Facility	Other Release:			
}			Release:	Release:				
YES	NO	NO	NO	NO	NO			

VISTA	SOUTHERN CALIFORNIA CHE	SOUTHERN CALIFORNIA CHEMICAL		ERN CALIFORNIA CHEMICAL VISTA ID#:		200339400	Map IC
Address*.	8851 DICE RD		Distance/Direction:	0.00 MI /	_		
	SANTA FE SPRINGS, CA 9067	70	`` ```	ADJACENT	_   2A		
<u>L</u>	SANTA PE SPRINGS, CA 9007	T U	Plotted as:	Point	—   <b>—-</b>		
ERNS - Em	ergency Response Notification Syst	em / SRC# 3006	Agency ID:	94-4665			
Agency Ad	ddress: SAME	E AS ABOVE	1				
Spill Date		31, 1994 10:39:00 PM			1		
Case Num	iber: 94-46	665			Ì		

8851 DICE RD Spill Location: Source Agency: Discharger Name: UNKNOWN SOUTHERN CALIFORNIA CHEMICAL Discharger Org: HYDROCHLORIC ACID, 4.00 (GAL) Material Spilled: Fields Not Reported: Discharger Phone, Waterway Affected

Water Release: Ground Air Release: Land Release: Facility Other Release: Release: Release: NO NO

**DICE 01939** 



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Version 2.4.1

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VISTA	SO CA	CHEM CO INC		VISTA ID#:	1183441
Address*:	8851 DI	CE RD		Distance/Direction:	
::-	1 1 1 1 1 1 1	FE SPRINGS, CA	90670	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	ADJACENT
<u> </u>	סהייוה	I E OI KINGO, CA	30070	Plotted as:	Point
ERCLIS / S	RC# 2977			EPA ID:	CAD008488025
Agency Ado	dress:		SAME AS ABOVE		
NPL Status			NOT A PROPOSED, CURR	ENT, OR DELETED NPL SIT	E
Site Owners	-		UNKNOWN		
	•		NOT AVAILABLE		
Lead Agend			NOT REPORTED		
Site Descrip				04 4 D 4 4 7	0
Event Type:	<u>:</u>	Lead Agency: STATE, FUND FINANCED	Event Status:	Start Date:	Completion Date: FEBRUARY 1, 1986
DISCOVERY		STATE, FUND FINANCED	ONNIGOWIN	NOTREPORTED	PEBRUARY 1, 1986
UNKNOWN		EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JULY 15, 1987
UNKNOWN		EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	SEPTEMBER 30, 1987
PRELIMINARY ASSESSMENT		STATE, FUND FINANCED	DEFERRED TO RCRA (SUBTITLE C) OR NRC	DECEMBER 1, 1985	DECEMBER 1, 1987
SCREENING SI	ITE	STATE, FUND FINANCED	DEFERRED TO RCRA (SUBTITLE C) OR NRC	NOT REPORTED	SEPTEMBER 8, 1989
legional CE	RCLIS / S	RC# 2462		EPA ID:	CAD008488025
Agency Ado	dress:	<del></del>	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA 9	906700118	
Regional U		ription:			
<i>NEW CERCLIS</i> Regional CE		DC# 2462		IEPA ID:	CAD008488025
Agency Ad		NC# 2402	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA S		CAD000400023
Regional U	tility Desc	ription:	0.11(1)112 011111100, 0710	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
CALIFORNIA 3					
Regional CE	RCLIS / S	RC# 2462		EPA ID:	CAD008488025
Agency Ade			SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CAS	906700118	
Regional U	tility Desc	cription:	•		
		RATOR SEE NOTIFICATION	V FILE		
Regional CE		SRC# 2462		EPA ID:	CAD008488025
Agency Ad	dress:		SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CAS	906700118	
Regional U					
IMPOUNDMEN				TED A 4D	104000040000
Regional CE		SRC# 2462	00.04.01/5:1.00.110	EPA ID:	CAD008488025
Agency Ad			SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	906700118	
			TOTATACHTAIN	14	· · · · · · · · · · · · · · · · · · ·
Regional U		RINWATER, WASTE WATER	R TREATMENT HOLDING)- H	HA EPA ID:	CAD008488025
ABOVE GROU	IND TANK(RA	COC# 2462			1 ALBUU0400UZD
ABOVE GROU Regional CE	ERCLIS / S	SRC# 2462	SO CA CHEM CO INC	JETAID.	10110000400020
ABOVE GROU	RCLIS / S		SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA		10/12/00/20

DICE 01940

Map ID



\* VISTA address includes enhanced city and ZIP.
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.
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Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	906700118	
Regional Utility Description:			
OTHER: COPPER SLUDGE CEMENT PONDS, COL	LECTION SUMP		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	N 906700118	
Regional Utility Description:			
UNDERGROUND TANKS- GASOLINE DIESEL			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	N 906700118	
Regional Utility Description:			
UNDERGROUND TANKS- HAZ WASTES: ACID SOIL	LUTIONS	EDA ID:	ICADOCA 40000
Regional CERCLIS / SRC# 2462	CO CA OUTH CO 16/0	EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	Q 906700118	
Regional Utility Description:			
DRUMS, ABOVE GROUND		755115	101000010000
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	N 906700118	
Regional Utility Description:			
HEABY METALS: IRON, COPPER, CHROMIUM, ZIN	IC, NICKEL, AMMONIA ZINC		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	A 906700118	
Regional Utility Description: OXIDE			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	4 906700118	
Regional Utility Description:	5.11.7,7.7 <u>2.0,</u> 7.11.700, 3.		· · · · · · · · · · · · · · · · · · ·
ACIDS: CHROMIC, SULFURIC, HYDROCHLORIC			
Regional CERCLIS / SRC# 2462		EPA ID:	_CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	A 906700118	
Regional Utility Description:			
BASES: ALKALINE WASTE WATER			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	A 906700118	
Regional Utility Description: OTHER: WASTE WATER, SURFACE RUNOFF, SLU			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA		•
Regional Utility Description:	SAINTA FE SPRINGS, U	4 300700110	
INSURAN CHILLY DESCRIPTION.			

**DICE 01941** 



\* VISTA address includes enhanced city and ZIP.

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Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	906700118	
Regional Utility Description:			
BASES: SODIUM HYDROXIDE			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	906700118	
Regional Utility Description:			
OTHER: SPENT AMMONICAL ETCHANT, SODIU	M, AMMONIA		
Regional CERCLIS / SRC# 2462	·	EPA ID:	CAD008488025
Agency Address:	SO CA CHEM CO INC 8851 DICE RD SANTA FE SPRINGS, CA	906700118	
Regional Utility Description:			
HIGH PRIORITY REFERRAL TO RCRA			

VISTA	PHIBRO TECH INC		VISTA ID#:	5241067
Address*:	8851 DICE RD		Distance/Direction:	0.00 MI /
	SANTA FE SPRINGS, CA	90670		ADJACENT
	<u> </u>	30070	Plotted as:	Point
	/ SRC# 3057		EPA ID:	CAD008488025
Agency Ad		PHIBRO TECH INC 8851 DICE RD SANTA FE SPRINGS, C HIGH	CA 906700118	
RCRA Faci	lity Assessment Completed:	YES		
Notice of C	Contamination:	NO		
	tion of need For a RFI (RCRA	NO		
RFI Impose	restigation):	YES		
, .		NO		
Issued:	lan Notice of Deficiency	No		
RFI Workp	lan Approved:	YES		
RFI Report	Received:	NO		
RFI Approv	ved:	NO		
No Further	Corrective Action at this	NO		
1	on Mesaures Evaluation:	YES		
1	ective Measure Study)	YES		
	plan Approved:	YES		
1	rt Received:	NO		
CMS Appre	oved:	YES		
	emedy Selection (CM	NO		
Imposed):	,			
Corrective	Measures Design Approved:	NO		
Corrective Workplan	Measures Investigation Approved:	NO		
	on of Remedy Completion:	NO		
	on Measures Implementation:	YES		
	on Measures Completed:	NO		
1	Action Process Termination:	NO		

**DICE 01942** 

Map ID



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CRA-TSD / SRC# 3057		EPA ID:	CAD008488025
Agency Address:	SAME AS ABOVE	<del></del> ,	
Off-Site Waste Received:	NO		
and Disposal:	YES		
ncinerator:	NO		•
Storage/Treatment:	YES		
CRA-LgGen - RCRA-Large Generator / S	RC# 3057	EPA ID:	CAD008488025
Agency Address:	SAME AS ABOVE	······································	
Senerator Class:			MONTH OF NON-ACUTELY
	HAZARDOUS WASTE OR 1		
CRA-Violations / SRC# 3057		EPA ID:	CAD008488025
Agency Address:	PHIBRO TECH INC 8851 DICE RD		
	SANTA FE SPRINGS, CA 90	6700118	
/iolation Type:	TSD-GROUNDWATER MOI	NITORING REQ.	
/iolation Date:	JUNE 23, 1993		
/iolation Class:	1		
Actual Compliance Date:	NOT REPORTED		
Scheduled Compliance Date:	NOT REPORTED		
/iolation Type:	TSD-FINANCIAL RESPONS	IBILITY REQ.	
/iolation Date:	FEBRUARY 24, 1987		
/iolation Class:	1		
Actual Compliance Date:	OCTOBER 14, 1988		
Scheduled Compliance Date:	NOT REPORTED		
/iolation Type:	TSDFINANCIAL RESPONS	SIBILITY REQ.	_ <del></del>
Violation Date:	JANUARY 23, 1991		
/iolation Class:	1		•
Actual Compliance Date:	NOT REPORTED		
Scheduled Compliance Date:	NOT REPORTED		
/iolation Type:	TSDOTHER REQUIREMEN	VTS (OVERSITE LEVEL)	
/iolation Date:	MAY 17, 1989		
Violation Class:	1		
Actual Compliance Date:	FEBRUARY 8, 1991		
Scheduled Compliance Date:	NOT REPORTED		
Violation Type:	TSDGROUNDWATER MO	NITORING REQ.	
Violation Date:	JUNE 15, 1988		
Violation Class:	1		
Actual Compliance Date:	NOT REPORTED		
Scheduled Compliance Date:	NOT REPORTED		
Violation Type:	TSD-FINANCIAL RESPONS	SIBILITY REQ.	
Violation Date:	FEBRUARY 8, 1988		
Violation Class:	1		
Actual Compliance Date:	OCTOBER 4, 1988		
Scheduled Compliance Date:	APRIL 10, 1988		
Violation Type:	TSD-OTHER REQUIREMEN	VTS (OVERSITE LEVEL)	
Violation Date:	MARCH 14, 1990		
Violation Class:	1		
Actual Compliance Date:	FEBRUARY 8, 1991		
Scheduled Compliance Date:	AUGUST 5, 1990		
Violation Type:	TSD-FINANCIAL RESPONS	SIBILITY REQ.	
Violation Date:	MARCH 14, 1990		
Violation Class:	1		
Actual Compliance Date:	FEBRUARY 8, 1991		





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Enforcement Agency: Action Date: Action Date: MARCH 25, 1987 Action Type: Penalty Assessed: Penalty Assessed: Enforcement Number: Enforcement Agency: Action Type: Action Type: Ponalty Settlement: Enforcement Agency: Action Date: August 28, 1987 Action Date: August 28, 1987 Action Date: August 28, 1987 Action Type: Penalty Settlement: NOT REPORTED Enforcement Agency: Action Date: August 28, 1987 Action Date: Action Date: MARCH 10, 1988 Action Type: Penalty Assessed: NOT REPORTED Enforcement Agency: Action Date: August 28, 1987 Action Type: Penalty Assessed: NOT REPORTED Enforcement Number: Enforcement Agency: Action Date: Action Type: STATE TO EPA REFFERAL NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Number: Enforcement Number: Enforcement Agency: Action Type: Penalty Assessed: NOT REPORTED Enforcement Number: Enforcement	Enforcement Number:	870326
Action Type: WRITTEN MFORMAL Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Number: 879828 Enforcement Agency: State Action Type: 3008(A) COMPLIANCE ORDER Penalty Settlement: NOT REPORTED Enforcement Number: 880310002 Penalty Settlement: NOT REPORTED Enforcement Number: 880310002 Enforcement Agency: State Action Date: MARCH 10, 1988 Action Date: MARCH 10, 1988 Action Type: WRITTEN MFORMAL Penalty Settlement: NOT REPORTED Enforcement Number: 88031602 Enforcement Number: NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Agency: State Action Type: STATE TO EPA REFFERAL NOT REPORTED Penalty Assessed: NOT REPORTED Enforcement Agency: State Action Type: STATE TO EPA REFFERAL NOT REPORTED Penalty Assessed: NOT REPORTED Enforcement Agency: EPA Action Date: NOT REPORTED Enforcement Agency: EPA Action Date: DECEMBER 8, 1988 Action Type: 3008/HJINTERIM STATUS CORRECTIVE ORDER Penalty Settlement: NOT REPORTED Enforcement Agency: State Action Type: 3008/HJINTERIM STATUS CORRECTIVE ORDER Penalty Settlement: NOT REPORTED Enforcement Agency: State Action Date: NOT REPORTED Enforcement Agency: State Action Date: NOT REPORTED Enforcement Agency: State Enforcement Agency: WRITEN INFORMAL Enforcement Agency: WRITEN INFORMAL Enforcement Agency: WRITEN INFORMAL Enforcement Agency: WRITEN INFORMAL Enforcement Agency: WRITEN INFORMAL E	Enforcement Agency:	State
Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Number: \$76928 Enforcement Agency: State Action Type: 3008(A) COMPLIANCE ORDER Penalty Assessed: 138800 Penalty Settlement: Not REPORTED Enforcement Agency: State Action Type: 980310002 Enforcement Agency: State Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Assessed: NOT REPORTED	Action Date:	MARCH 26, 1987
Penalty Settlement:	Action Type:	WRITTEN INFORMAL
Penalty Settlement:         NOT REPORTED           Enforcement Number:         870828           Enforcement Agency:         State           Action Date:         AUGUST 28, 1987           Action Type:         3006/1 COMPLIANCE ORDER           Penalty Assessed:         13800           Penalty Settlement:         NOT REPORTED           Enforcement Number:         880310002           Enforcement Agency:         State           Action Date:         MARCH 10, 1988           Action Type:         WRITTEN INFORMAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         886615           Enforcement Agency:         State           Action Date:         JUNE 15, 1988           Action Date:         JUNE 15, 1988           Action Date:         NOT REPORTED           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Agency:         Action Date:           Action Date:         DECEMBER 8, 1988           Action Date:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         89070500		NOT REPORTED '
Enforcement Number: 870828 Enforcement Agency: State Action Date: AUGUST 28, 1987 Action Type: 3008(A) COMPILANCE ORDER Penalty Settlement: NOT REPORTED Enforcement Agency: State Action Type: WRITTEN MFORMAL Penalty Settlement: NOT REPORTED Enforcement Number: 880310002 Enforcement Agency: MARCH 10, 1988 Action Type: WRITTEN MFORMAL Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Number: 850615 Enforcement Agency: State Action Date: JUNE 15, 1988 Action Type: STATE TO EPA REFFERAL Penalty Assessed: NOT REPORTED Enforcement Number: 881208003 Enforcement Number: 881208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Number: B81208003 Enforcement Agency: Action Date: NOT REPORTED Enforcement Agency: State Action Type: WRITTEN MFORMAL NOT REPORTED Enforcement Agency: State Action Type: WRITTEN MFORMAL NOT REPORTED Enforcement Agency: State Enforcement Agency: State Action Type: 3008(A) COMPILANCE ORDER Enforcement Agency: State Enforcement Agency: Action Date: OCTOBER 6, 1989 Action Type: 3008(A) COMPILANCE ORDER Enforcement Number: B90705006 Enfo	1	NOT REPORTED
Action Type: 3088(A) COMPLIANCE ORDER Penalty Assessed: 138800 Penalty Settlement: NOT REPORTED Enforcement Number: 880310002 Enforcement Agency: State Action Type: WRITTEN INFORMAL Penalty Settlement: NOT REPORTED  Penalty Settlement: NOT REPORTED  Penalty Settlement: NOT REPORTED  Penalty Settlement: NOT REPORTED  Enforcement Number: 880613 Enforcement Agency: State Inforcement Number: 880613 Enforcement Agency: State Action Date: JUNE 15, 1988 Action Type: STATE TO EPA REFFERAL Penalty Assessed: NOT REPORTED  Penalty Settlement: NOT REPORTED  Enforcement Number: 88120803 Enforcement Agency: EPA Action Date: DECEMBER 8, 1988 Action Type: 3008(H)INTERIM STATUS CORRECTIVE ORDER Penalty Settlement: NOT REPORTED  Enforcement Agency: State Penalty Settlement: NOT REPORTED  Enforcement Agency: State Action Type: 3008(H)INTERIM STATUS CORRECTIVE ORDER Penalty Settlement: NOT REPORTED  Enforcement Agency: State Penalty Settlement: NOT REPORTED  Enforcement Agency: State Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED  Enforcement Number: 890706005 Enforcement Number: 890706004 Enforcement Number: 890706004 Enforcement Agency: State Enforcement Agency: State Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED  Enforcement Number: 890706004 Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: EPA Action Type: WRITTEN INFORMAL Penalty Assessed: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlement: 12000 Fenalty Settlemen	Enforcement Number:	870828
Action Date:	Enforcement Agency:	State
Penalty Assessed:         138800           Penalty Settlement:         NOT REPORTED           Enforcement Number:         889310002           Enforcement Agency:         State           Action Date:         MARCH 10, 1988           Action Type:         WRITTEN INFORMAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         88015           Enforcement Agency:         State           Action Date:         JUNE 15, 1988           Action Type:         STATE TO EPA REFFERAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         88128003           Enforcement Agency:         EPA           Action Date:         DECEMBER 8, 1988           Action Type:         3008/HINTERIM STATUS CORRECTIVE ORDER           Penalty Settlement:         NOT REPORTED           Enforcement Number:         890708005           Enforcement Agency:         State           Action Date:         JULY 6, 1989           Action Date:         NOT REPORTED           NOT REPORTED         NOT REPORTED           Enforcement Number: <td< td=""><td>,</td><td>AUGUST 28, 1987</td></td<>	,	AUGUST 28, 1987
Penalty Assessed:         138800           Penalty Settlement:         NOT REPORTED           Enforcement Number:         880310002           Enforcement Agency:         State           Action Date:         MARCH 10, 1988           Action Type:         WRITTEN INFORMAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         880615           Enforcement Agency:         State           Action Date:         JUNE 15, 1988           Action Type:         STATE TO EPA REFFERAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         881288033           Enforcement Agency:         EPA           Action Date:         DECEMBER 8, 1988           Action Date:         NOT REPORTED           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         890706005           Enforcement Agency:         State           Action Type:         WRITTEN INFORMAL           Penalty Assessed:         NOT REPORTED           NOT REPORTED         NOT REPORTED <td>Action Type:</td> <td>3008(A) COMPLIANCE ORDER</td>	Action Type:	3008(A) COMPLIANCE ORDER
Penalty Settlement:         NOT REPORTED           Enforcement Number:         880310002           Enforcement Agency:         State           Action Date:         MARCH 10, 1988           Action Type:         WRITTEN INFORMAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         880615           Enforcement Agency:         State           Action Date:         JUNE 15, 1988           Action Type:         STATE TO EPA REFFERAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         881208003           Enforcement Agency:         EPA           Action Date:         DECEMBER 8, 1988           Action Type:         3008(H)INITERIM STATUS CORRECTIVE ORDER           Penalty Settlement:         NOT REPORTED           Enforcement Number:         890706005           Enforcement Agency:         State           Action Date:         WRITTEN INFORMAL           Action Type:         WRITTEN INFORMAL           Penalty Settlement:         NOT REPORTED           Enforcement Agency:         State           Action Date: <td>1</td> <td>138800</td>	1	138800
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Enforcement Agency:		880310002
Action Date: MARCH 10, 1988 Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Number: 880615 Enforcement Agency: State Action Type: STATE TO EPA REFFERAL Action Type: STATE TO EPA REFFERAL Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Agency: EPA Action Date: DECEMBER 8, 1988 Action Type: 3008(H)INTERIM STATUS CORRECTIVE ORDER Penalty Settlement: NOT REPORTED Enforcement Number: 890706005 Enforcement Agency: NOT REPORTED Enforcement Agency: State Action Date: NUMBER: 1989 Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Enforcement Agency: State Action Type: WRITTEN INFORMAL Enforcement Agency: NOT REPORTED Penalty Assessed: NOT REPORTED Enforcement Agency: State Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED Enforcement Agency: State Action Type: WRITTEN INFORMAL Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Enforcement Agency: State Action Type: 3008(A) COMPLIANCE ORDER Penalty Assessed: 12000 Penalty Settlement: 12000 Enforcement Agency: Action Date: USUN 5, 1990 Action Type: WRITTEN INFORMAL Enforcement Agency: Action Date: USUN 5, 1990 Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED		State
Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED  Enforcement Number: 880615 Enforcement Agency: State Action Date: JUNE 15, 1988 Action Type: STATE TO EPA REFFERAL Penalty Assessed: NOT REPORTED Enforcement Number: 881208003 Enforcement Agency: EPA Action Date: DECEMBER 8, 1988 Action Type: 3008(H)INTERIM STATUS CORRECTIVE ORDER Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED Enforcement Number: 890706005 Enforcement Number: 890706005 Enforcement Agency: State Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED Penalty Assessed: NOT REPORTED Enforcement Agency: State Action Type: WRITTEN INFORMAL Enforcement Number: 891006004 Enforcement Number: 891006004 Enforcement Agency: State Action Type: OCTOBER 6, 1989 Action Type: 3008(A) COMPLIANCE ORDER Penalty Assessed: 12000 Penalty Settlement: 12000 Enforcement Agency: Action Date: OCTOBER 6, 1989 Action Date: OCTOBER 6, 1990 Action Type: WRITTEN INFORMAL Penalty Assessed: 12000 Penalty Settlement: 12000 Enforcement Agency: Action Date: OCTOBER 6, 1990 Action Date: JULY 5, 1990 Action Date: WRITTEN INFORMAL Penalty Assessed: WRITTEN INFORMAL Penalty Assessed: PARSESSED: WRITTEN INFORMAL Penalty Assessed: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED	, .	MARCH 10, 1988
Penalty Assessed: Penalty Settlement: Penalty Settlement: Penalty Settlement: Penalty Settlement: Penalty Settlement: Penalty Settlement: Penalty Assessed: Penalty Settlement: Penalty Sessed: Penalty Settlement: Penalty Sessed: Penalty Settlement	1	WRITTEN INFORMAL
Penalty Settlement:         NOT REPORTED           Enforcement Number:         880615           Enforcement Agency:         State           Action Date:         JUNE 15, 1988           Action Type:         STATE TO EPA REFFERAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         881208003           Enforcement Agency:         EPA           Action Date:         DECEMBER 8, 1988           Action Type:         3008(H)INTERIM STATUS CORRECTIVE ORDER           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Number:         890708005           Enforcement Agency:         State           Action Type:         WRITTEN INFORMAL           Penalty Assessed:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Penalty Settlement:         NOT REPORTED           Enforcement Agency:         State           Action Type:         3008(A) COMPLIANCE ORDER           Penalty Assessed:         12000           Penalty Settlement:         12000           Enforcement Number:         900705006           Enforcement	, in the second	NOT REPORTED
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Action Type: 3008(H)INTERIM STATUS CORRECTIVE ORDER Penalty Assessed: NOT REPORTED  Enforcement Number: 890706005  Enforcement Agency: State Action Date: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED  Enforcement Number: 891006004  Enforcement Agency: State  Corrober 6, 1989  Action Type: OCTOBER 6, 1989  Action Type: 3008(A) COMPLIANCE ORDER Penalty Assessed: 12000 Penalty Settlement: 12000 Enforcement Number: 900705006 Enforcement Agency: GEPA Action Date: 10000 Action Date: 10000 Enforcement Agency: 900705006 Enforcement Agency: EPA Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED	Enforcement Agency:	EPA
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Action Date:  Action Type:  WRITTEN INFORMAL  Penalty Assessed:  Penalty Settlement:  Enforcement Number:  Enforcement Agency:  Action Date:  OCTOBER 6, 1989  Action Type:  Penalty Assessed:  12000  Penalty Settlement:  12000  Penalty Settlement:  12000  Enforcement Number:  Enforcement Number:  Enforcement Agency:  Action Date:  ULY 5, 1990  Action Type:  WRITTEN INFORMAL  Penalty Assessed:  NOT REPORTED	Enforcement Number:	890706005
Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED Penalty Settlement: NOT REPORTED  Enforcement Number: 891006004 Enforcement Agency: State Action Date: OCTOBER 6, 1989 Action Type: 3008(A) COMPLIANCE ORDER Penalty Assessed: 12000 Penalty Settlement: 12000 Enforcement Number: 900705006 Enforcement Agency: EPA Action Date: JULY 5, 1990 Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED	Enforcement Agency:	State
Penalty Assessed: Penalty Settlement: Penalty Settlement:  Enforcement Number: Enforcement Agency: Action Date: Action Type: Penalty Assessed: Penalty Assessed: Penalty Settlement: 12000 Enforcement Number: Enforcement Number: 900705006 Enforcement Agency: Action Date: Action Date: Action Date: Action Date: Action Date: Action Date: Action Date: Action Date: Action Type: Penalty Assessed: NOT REPORTED	Action Date:	JULY 6, 1989
Penalty Settlement:         NOT REPORTED           Enforcement Number:         891006004           Enforcement Agency:         State           Action Date:         OCTOBER 6, 1989           Action Type:         3008(A) COMPLIANCE ORDER           Penalty Assessed:         12000           Penalty Settlement:         12000           Enforcement Number:         900705006           Enforcement Agency:         EPA           Action Date:         JULY 5, 1990           Action Type:         WRITTEN INFORMAL           Penalty Assessed:         NOT REPORTED	Action Type:	WRITTEN INFORMAL
Enforcement Number: 891006004  Enforcement Agency: State  Action Date: OCTOBER 6, 1989  Action Type: 3008(A) COMPLIANCE ORDER  Penalty Assessed: 12000  Penalty Settlement: 12000  Enforcement Number: 900705006  Enforcement Agency: EPA  Action Date: JULY 5, 1990  Action Type: WRITTEN INFORMAL  Penalty Assessed: NOT REPORTED	Penalty Assessed:	NOT REPORTED
Enforcement Agency: State  Action Date: 0CTOBER 6, 1989  Action Type: 3008(A) COMPLIANCE ORDER  Penalty Assessed: 12000  Penalty Settlement: 12000  Enforcement Number: 900705006  Enforcement Agency: EPA  Action Date: JULY 5, 1990  Action Type: WRITTEN INFORMAL  Penalty Assessed: NOT REPORTED	Penalty Settlement:	NOT REPORTED
Action Date: 0CTOBER 6, 1989  Action Type: 3008(A) COMPLIANCE ORDER  Penalty Assessed: 12000  Penalty Settlement: 12000  Enforcement Number: 900705006  Enforcement Agency: EPA  Action Date: JULY 5, 1990  Action Type: WRITTEN INFORMAL  Penalty Assessed: NOT REPORTED	Enforcement Number:	891006004
Action Type: 3008(A) COMPLIANCE ORDER  Penalty Assessed: 12000  Penalty Settlement: 12000  Enforcement Number: 900705006  Enforcement Agency: EPA Action Date: JULY 5, 1990 Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED	Enforcement Agency:	State
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Action Date:  Action Type:  Penalty Assessed:  JULY 5, 1990  WRITTEN INFORMAL  NOT REPORTED		
Action Type: WRITTEN INFORMAL Penalty Assessed: NOT REPORTED	Enforcement Agency:	EPA
Penalty Assessed: NOT REPORTED	Action Date:	•
	Action Type:	
Penalty Settlement: NOT REPORTED	Penalty Assessed:	
· · · · · · · · · · · · · · · · · · ·	Penalty Settlement:	NOT REPORTED



910228007 **Enforcement Number:** State **Enforcement Agency:** FEBRUARY 28, 1991 Action Date: WRITTEN INFORMAL Action Type: Penalty Assessed: NOT REPORTED NOT REPORTED Penalty Settlement: 940110 Enforcement Number: State Enforcement Agency: JANUARY 10, 1994 Action Date: WRITTEN INFORMAL **Action Type:** NOT REPORTED Penalty Assessed: Penalty Settlement: NOT REPORTED

VISTA	AIR LIQUIDE AMERICA CORP.	VISTA ID#: 5520500	
Address*:	COMPRESSED GA 8832 DICE RD. SANTA FE SPRINGS, CA 90670		0.00 MI / ADJACENT Point
TRIS - Toxi	c Release Inventory System / SRC# 2587	EPA ID:	CAD000021160
Agency A	<del></del>		
Chemical	Abstract Service Registry:	Quar	tity Released:
ACETONE		651.00	(POUNDS)

VISTA	LIQUID	AIR CORP		VISTA ID#:	245933
Address*:	8832 D	ICE RD		Distance/Direction:	0.00 MI/ :::
1		FE SPRINGS, CA	00670		ADJACENT
	SHIVIA	A FE SPRINGS, CA	30070	Plotted as:	Point
ERCLIS / SF	RC# 297	7		EPA ID:	CAD003312600
Agency Add	ress:		SAME AS ABOVE		
NPL Status:			NOT A PROPOSED, CURP	RENT, OR DELETED NPL SIT	E
Site Owners	hip:		UNKNOWN		
Lead Agenc	y:		NO DETERMINATION		
Site Descrip			NOT REPORTED		
Event Type:		Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY		STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	NOVEMBER 1, 1986
PRELIMINARY		STATE, FUND FINANCED	UNKNOWN	NOVEMBER 1, 1986	JUNE 1, 1987
ASSESSMENT					
PRELIMINARY		EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	AUGUST 1, 1988
ASSESSMENT					·
SCREENING SI	TE	EPA FUND-FINANCED	NO FURTER REMEDIAL	NOT REPORTED	MARCH 23, 1990
INSPECTION	-		ACTION PLANNED		
SCREENING SI	TF	EPA FUND-FINANCED	NO FURTER REMEDIAL	NOT REPORTED	JUNE 8, 1993
INSPECTION			ACTION PLANNED		55,125,1515
Regional CEI	PCLIS /	SBC# 2462		EPA ID:	CAD003312600
Agency Add	<del></del>	31/0# 2402	SAME AS ABOVE	ILI A IU.	TOND003012000
Regional Ut		crintion:		· · · · · · · · · · · · · · · · · · ·	
		YLENE, CARON DIOXIDE, N	ITROUS OXIDE, ARGON.		
legional CEI				EPA ID:	CAD003312600
Agency Add	ress:		SAME AS ABOVE	· · · · · · · · · · · · · · · · · · ·	<u> </u>
Regional Ut	ility Des	scription:			
OXYGEN, NITR					

**DICE 01945** 

Map ID

**2B** 

Map ID



\* VISTA address includes enhanced city and ZIP.
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 113596-001

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Regional CERCLIS / SRC# 2462		EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE	1 27 1 1 2	
Regional Utility Description:	· · · · · · · · · · · · · · · · · · ·	······································	
ABV GR TANKS - HELIUM, HYDROGEN, PROPANE, FI	ULE GAS, LIME AND ACE		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD003312600 '
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
TYLENE SLUDGE (LIQUID AIR CORP)	WC1777		
Regional CERCLIS / SRC# 2462	· · · · · · · · · · · · · · · · · · ·	EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE	·	
Regional Utility Description:			
OTHER - SPRAY COOLING WATER, ACETYLENE PRO	DCESS WSTWATER, PAINT S		TO A DO003040 COO
Regional CERCLIS / SRC# 2462	SAME AS ABOVE	EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE		
Regional Utility Description: KIMMING (LIQUID AIR CORP)			
Regional CERCLIS / SRC# 2462	<del></del>	IEPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE		0712000012000
Regional Utility Description:	57 III 716 716 716		
CA 3012 SITE			
Regional CERCLIS / SRC# 2462		IEPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE		
Regional Utility Description:	· · · · · · · · · · · · · · · · · · ·		
NEW CERCLIS SITE			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
PIT- ACETYLENE SLUDGE DISPOSED INTO UNLINED	PIT SINCE 1949.	155.15	10.40.000.40.00
Regional CERCLIS / SRC# 2462		EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
SOIL CONTAM - 1964 CAUSTIC WASTES DISCHARGE Regional CERCLIS / SRC# 2462	DONTO PROPERTY	EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE	JEFAIU.	TCAD003312000
Regional Utility Description:	OTHE NO ABOVE		
OTHER- 1977 SPRAY COOLING WATER ACETYLENE	SLUDGEDISCHARGED INT	•	
Regional CERCLIS / SRC# 2462	OLOGO DE DIO CITATO DE DIO CONTROLO DE CON	EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE	12,1110.	7.5.15
Regional Utility Description:			
O COYOTE CREEK	<del></del>		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE		
Regional Utility Description:	· · · · · · · · · · · · · · · · · · ·		
OTHER - PRODUCT WASTES- CARBIDE SLUDGE, CO	OOLING WATER BLEED OFF		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD003312600
Agency Address:	SAME AS ABOVE		
Regional Utility Description:	<del></del>		
CAUSTICS, BRINE, LUB OIL LIME			





SCL - State Equivalent CERCLIS List / SRC	C# 2825	Agency ID:	19280766
Agency Address:	LIQUID AIR		
	8832 DICE ROAD SANTA FE SPRINGS, CA 906	70	
Facility Type:	NOT AVAILABLE	70	
Lead Agency:	NOT AVAILABLE		•
State Status:	NO FURTHER ACTION FOR I	OTSC	
Pollutant 1:	LIME SLUDGE		
Pollutant 2:	WASTE OIL MIXED OIL		
Pollutant 3:	OXYGENATED SOLVENTS		
17	Status		
Fields Not Reported: STATE LUST - State Leaking Underground		Agonov ID:	1-00225
3056	i Storage Tank / SRC#	Agency ID.	1-00223
Agency Address:	LIQUID AIR CORP	<u></u>	L
Agency Address.	8832 DICE RD		
	SANTA FE SPRI, CA 90670		
Tank Status:	NOT AVAILABLE		
Media Affected:	SOIL/SAND/LAND		
Substance:	DIESEL UNIANAII ABLE		ļ
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE	_	
Remedial Status 1:	PRELIMINARY ASSESSMENT	J	
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Unit		· · · · · · · · · · · · · · · · · · ·
Regional LUST - Regional Leaking Underg	round Storage Tank /	Agency ID:	I-00225
SRC# 3104	LIQUID AIR CORP.	L	<del> </del>
Agency Address:	8832 DICE RD S		
	SANTA FE SPRINGS, CA 906	70	
Tank Status:	NOT AVAILABLE		
Discovery Date:	APRIL 20, 1990		
Media Affected:	SOIL/SAND/LAND		:
Substance:	DIESEL		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	PRELIMINARY ASSESSMEN	Τ	
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units), Leak Source		1
STATE UST - State Underground Storage		EPA/Agency ID:	N/A
Agency Address:	LIQUID AIR INC 8832 S DICE		
	SANTE FE SPRINGS, CA 906	570	
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID: 10	Tank Statu	s: CLOSED	
Tank Contents: OIL(NOT SPECIFIED)	Leak Monit		
Tank Age: NOT REPORTED	Tank Pipin	g: BARE STEEL	-
Tank Size (Units): 2000 (GALLONS)	Tank Mater		
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	LIQUID AIR	,ı, <del></del>	
	8832 DICE RD S.	:70	
List Name:	SANTA FE SPRINGS, CA 900 CALSITE	270	
Site ID:	INV-ID19-002529		
Unic ID.			·

DICE 01947



\* VISTA address includes enhanced city and ZIP.

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CORTESE / SRC# 2298	EPA/Agency ID: N/A
Agency Address:	LIQUID AIR CORP.
	8832 DICE RD S.
	SANTA FE SPRINGS, CA 90670
List Name:	LEAKING TANK
Site ID:	INV-ID19-002529

	ETT OXYGEN COM	PANY OF	VISTA ID#:	62680
Address*: CALIF	ORNIA		Distance/Direction:	
	838 SOUTH DICE F	ΧΟΔΟ	Plotted as:	Point
	A FE SPRINGS, CA	***************************************		
	nt Priority List / SRC#		Agency ID:	19280224
Agency Address:		SAME AS ABOVE		
Status:		NON-NPL SITE		
Facility Type:		NOT AVAILABLE		
Lead Agency:		EPA FUND-FINANCED		
State Status:		ANNUAL WORK PLAN		
Pollutant 1:		HALOGENATED ORGANIC	COMPOUNDS	
Pollutant 2:		UNSPECIFIED SLUDGE WA	s <i>TE</i>	
Pollutant 3:		PAINT SLUDGE		
ERCLIS / SRC# 297	77		EPA ID:	CAD982359747
Agency Address:		BURDETT OXYGEN CO OF 8838 S DICE RD SANTA FE SPRINGS, CA 90 NOT A PROPOSED, CURRE	670	Ē
Site Ownership:		PRIVATE/NON-GOVERNME	•	
Lead Agency:		NO DETERMINATION		•
Site Description:		NOT REPORTED		
Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	JANUARY 1, 1988
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	NO FURTER REMEDIAL ACTION PLANNED	NOT REPORTED	AUGUST 1, 1988
SCREENING SITE INSPECTION	EPA FUND-FINANCED	NO FURTER REMEDIAL ACTION PLANNED	NOT REPORTED	OCTOBER 4, 1989
Regional CERCLIS /	SRC# 2462		EPA ID:	CAD982359747
Agency Address:		BURDETT OXYGEN CO OF 8838 S DICE RD SANTA FE SPRINGS, CA 90		
Regional Utility Des	scription:			
NEW CERCLIS SITE	000 % 0 400		1554.0	To 4 0 0000 50 7 17
Regional CERCLIS I	SRC# 2462	0//00577 0\0/054/ 00 05	EPA ID:	CAD982359747
Agency Address:		BURDETT OXYGEN CO OF 8838 S DICE RD SANTA FE SPRINGS, CA 90		
Regional Utility Des	scription:			
MEDIUM PRIORITY				

**DICE 01948** 

Map ID



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VISTA PIL	OT CHEMICAL			VISTA ID#:	200066074	. Map ID
	756 BURKE AVE			Distance/Direction:	0:02 MI / N	
	NTA FE SPRING	S. CA 90670		Plotted as:	Point	3
	ncy Response Notif		/ SRC# 3006	Agency ID:	92-0997	
Agency Addres		SAME AS			·	
Spill Date Time		NOVEME	BER 11, 1991 04:00	:00 AM		
Case Number:		92-0997				
Spill Location:		11756 BI	JRKE AVE			
Source Agency	<b>':</b>	E				
Discharger Org	) <b>:</b>	PILOT CI	HEMICAL			
Material Spilled		SULFUR	DIOXIDE, 400.00 (L	BSJ		
Fields Not Rep	orted:	Discharg	e <b>r Name</b> , Discharge	r Phone, Waterway Affected		
Air Release:	Land Release:	Water Releas	e: Ground	Facility	Other Release:	]
			Release:	Release:		
NO	YES	NO	NO	YES	NO	J
VISTA PI	OT CHEMICAL		<del></del>	VISTA ID#:	200242066	Map ID
	756 BURKE ST		- <del></del>	Distance/Direction:	0.02 MI / N	
		C CA 00070		Plotted as:	Point	3
	NTA FE SPRING			A = = = + ID:	93-2313	
	ncy Response Notif		HEMICAL	Agency ID:	193-2313	} '
Agency Addres	5.		URKE ST			
			E, CA 90670			
Spill Date Time	e:		RY 12, 1993 05:00:	00 AM		
Case Number:		93-2313	11045 AT			
Spill Location:			URKE ST			
Source Agency		E	HEMICAL			
Discharger Org				NIC ACID, 1500.00 (GAL)		
Material Spilled				NIC ACID, 1500.00 (GAL) r Phone, Waterway Affected	,	-
Fields Not Rep Air Release:	orted: Land Release:					
All Kelease:	Land Kelease:	Water Releas		Facility Release:	Other Release:	
			Release:	Release.		1

VISTA Address*:	PILOT CHEMICAL COMPANY 11756 BURKE ST SANTA FE SPRINGS, CA 90670	VISTA ID#: Distance/Direction: Plotted as:	5352338 0.02 MI / N Point
CORTESE /	SRC# 2298	EPA/Agency ID:	N/A
Agency Ad	dress: SAME AS ABOVE		

3

Map ID

LEAKING TANK List Name: INV-ID19-002089 Site ID:

NO

**DICE 01949** 



NO

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NO

VISTA	PILOT CHEMICAL			VISTA ID#:	200218007
Address*:	11756 BURKE ST			Distance/Direction:	0.02 MI / N
	SANTA FE SPRING	· · · · · · · · · · · · · · · · · · ·		Plotted as:	Point
ERNS - Eme	ergency Response Notif	ication System / S	RC# 3006	Agency ID:	93-2313
Agency Ad		PILOT CHEM 11756 BURKI SANTA FE, C	E ST A 90670		
Spill Date	Time:		12, 1993 05:00:0	00 AM	
Case Num	ber:	93-2313			
Spill Locat	tion:	11756 BURK	EST		
Source Ag	ency:	E			
Discharge	r Org:	PILOT CHEM	ICAL		
Material S	oilled:	DODECYLBE	NZENESULFOI	VIC ACID, 1500.00 (GAL)	
1	Reported:	Discharger N	a <mark>me,</mark> Dischar <del>g</del> ei	Phone, Waterway Affected	
Air Releas	e: Land Release:	Water Release:	Ground	Facility	Other Release:
ļ			Release:	Release:	
NO	YES	NO	NO	NO	NO
VISTA Address*:	PILOT CHEM CO			VISTA ID#: Distance/Direction:	330653 0.02 MI / N
,	11756 BURKE ST		*****	2.0.dilections	12:22

AIGIV		CHEMICO	* * * * * * * * * * * * * * * * * * * *	AIO I V IOM	1000000
Address*:	11756	BURKE ST		Distance/Direction:	0.02 MI / N
	l '	A FE SPRINGS, CA	90670	Plotted as:	Point
ERCLIS / S				EPA ID:	CAD008287823
Agency Ado		·	SAME AS ABOVE		1
			NOT A PROPOSED, CURF	RENT, OR DELE <mark>TED NPL S</mark> ITI	€
Site Owners	shin:		UNKNOWN		
Lead Agend	•		NO DETERMINATION		
Site Descrip			NOT REPORTED		
<b>Event Type</b>		Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY		STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	APRIL 1, 1985
PRELIMINARY		STATE, FUND FINANCED	UNKNOWN	APRIL 1, 1985	JULY 1, 1985
ASSESSMENT					
SCREENING S	ITE	EPA FUND-FINANCED	NO FURTER REMEDIAL	NOT REPORTED	APRIL 1, 1986
INSPECTION	•		ACTION PLANNED		
PRELIMINARY		EPA FUND-FINANCED	NO FURTER REMEDIAL	NOT REPORTED	MARCH 15, 1989
ASSESSMENT			ACTION PLANNED		
L Regional CE	RCLIS /	SRC# 2462		EPA ID:	CAD008287823
Agency Ade			SAME AS ABOVE		1
		scription:			
OTHER:SULPH	IURÍC ACIE	scription: DISLUDGE, SULPHONIC ACU	D SLUDGE, SULGONE SLU	JD	· · · · · · · · · · · · · · · · · · ·
Regional CE	RCLIS /	SRC# 2462		EPA ID:	CAD008287823
Agency Ade			SAME AS ABOVE		
Regional U	tility Des	scription:			
GE (CONTAINI				ICDA ID:	TCAD000007000
Regional CE Agency Ad		SRU# 2402	SAME AS ABOVE	EPA ID:	CAD008287823
Regional U			OAINE AG ABOVE		
		EPTOR SLUDGE			
Regional CE				EPA ID:	CAD008287823
Agency Ad			SAME AS ABOVE		
Regional U		scription:			·-··-
ABOVE GROU	ND TANK-	HAZARDOUS WASTE			



Map ID 3

Map ID



- LOCEDOLIO LODOII 5400	· <del></del>	CDA 10:	TCAD000007000
Regional CERCLIS / SRC# 2462	SAME AS ABOVE	EPA ID:	CAD008287823
Agency Address:	SAME AS ABOVE		
Regional Utility Description: DRUMS, ABOVE GROUND			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008287823
	SAME AS ABOVE	JEFA ID.	TCAD000201023 ,
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
Regional CERCLIS / SRC# 2462		IEPA ID:	CAD008287823
Agency Address:	SAME AS ABOVE	ILI A ID.	0/1000020/020
Regional Utility Description:			
CALIFORNIA 3012 SITE			
Regional CERCLIS / SRC# 2462		EPA ID:	ICAD008287823
Agency Address:	SAME AS ABOVE	1 <del></del>	
Regional Utility Description:		<del></del>	
NEW ERRIS SITE			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008287823
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
SITE INSPECTION			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008287823
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
RPM BLEVINS SHOULD CALL JOHN HUNTER AT SAN	TA FE SPRINGS PUBLIC W		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008287823
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			·
ORKS DEPT FOR FOLLOW UP IN SEPT 87	30" 505	TEDA ID	104000007000
RCRA-LgGen - RCRA-Large Generator / SF		EPA ID:	CAD008287823
Agency Address:	PILOT CHEM CO OF CA 11756 BURKE ST SANTA FE SPRINGS, CA 900 GENERATORS WHO GENER		MONTH OF NON ACUTELY
Generator Class:	HAZARDOUS WASTE OR 11		
STATE LUST - State Leaking Underground 3056			906700107
Agency Address:	CALIFORNIA PILOT CHEMIC	AL CO	J
Agency Address.	11756 BURKE ST.	, i.e. 0 0.	
	SANTA FE SPRI, CA 90670		İ
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	DIESEL		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	CONTAMINATION ASSESSM	1ENT	
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Un.	its), Leak Source	



Regional LUST - Reg SRC# 3104	ional Leaking Underg	ound Storage Tank /	Agency ID:	1-02254
Agency Address:		PILOT CHEMICAL COMPANY	,	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		11756 BURKE ST	770	
Tarile Continue		SANTA FE SPRINGS, CA 906 NOT AVAILABLE	570	,
Tank Status:				
Discovery Date:		SEPTEMBER 21, 1988		
Media Affected:		GROUNDWATER		
Substance:		DIESEL		
Leak Cause:		UNAVAILABLE		
Remedial Action:		NOT AVAILABLE		
Remedial Status 1:		CONTAMINATION ASSESSM	IENT	
Remedial Status 2:		NOT AVAILABLE		
Fields Not Reported	l:	Quantity (Units), Leak Source		
STATE UST - State U	nderground Storage T	ank / SRC# 1612	EPA/Agency ID:	N/A
Agency Address:		PILOT CHEMICAL COMPAN	4	
		11756 BURKE	:70	
Underground Tanks		SANTE FE SPRINGS, CA 906 9	770	
Aboveground Tanks		NOT REPORTED		
Tanks Removed:	J.	NOT REPORTED		
	1U	<del></del>	c CLOSED R	EMOVED.
Tank ID:	MISC. CHEMICAL	Tank Statu	J.	CHOYED
Tank Contents:	NOT REPORTED	Leak Monit	oring.	
Tank Age:		Tank Pipin	-	
Tank Size (Units):	12000 (GALLONS)	Tank Mater		
Tank ID:	20	Tank Statu		
Tank Contents:	MISC, CHEMICAL	Leak Monit	~	
Tank Age:	NOT REPORTED	Tank Pipin		
Tank Size (Units):	12000 (GALLONS)	Tank Mater	<del></del>	
Tank ID:	3 <i>U</i>	Tank Statu		
Tank Contents:	MISC. CHEMICAL	Leak Monit		
Tank Age:	NOT REPORTED	Tank Pipin		
Tank Size (Units):	10000 (GALLONS)	Tank Mate		
Tank ID:	4 <i>U</i>	Tank Statu	s: CLOSED R	EMOVED
Tank Contents:	MISC. CHEMICAL	Leak Moni	toring: <i>UNKNOWN</i>	
Tank Age:	NOT REPORTED	Tank Pipin	g: UNKNOWN	
Tank Size (Units):	12000 (GALLONS)	Tank Mate	rial: UNKNOWN	
Tank ID:	5U	Tank Statu	s: CLOSED R	EMOVED
Tank Contents:	MISC. CHEMICAL	Leak Moni	toring: UNKNOWN	
Tank Age:	NOT REPORTED	Tank Pipin		
Tank Size (Units):	12000 (GALLONS)	Tank Mate		
Tank ID:	6 <i>U</i>	Tank Statu		SERVICE
Tank Contents:	REPORTED AS *UNKNOW!			
	AGENCY	Tank Pipin		
Tank Age:	NOT REPORTED	Tank Mate	a.	
Tank Size (Units):	NOT REPORTED (GALLON	S)		
Tank ID:	70	Tank Statu	s: ACTIVEAN	SERVICE
Tank Contents:	REPORTED AS "UNKNOW!	V <sup>* BY</sup> Leak Moni	toring: UNKNOWN	1
Tank Age:	AGENCY NOT REPORTED	Tank Pipin	g: UNKNOWN	1
Tank Age:		Tank Mate		•
Tank Size (Units):	NOT REPORTED (GALLON	<u> </u>	A OTHER AL	CED VICE
Tank ID:	8 <i>U</i>	Tank Statu		
Tank Contents:	REPORTED AS "UNKNOW! AGENCY		-	
Tank Age:	NOT REPORTED	Tank Pipin	_	
Tank Size (Units):	NOT REPORTED (GALLON	S) Tank Mate	rial: UNKNOWN	1
Tour Size (Utilis):	The Street Concepts	<del>-,</del>		





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Tank ID:	90		Tank Status	 ::	ACTIVEAN SE	RVICE
Tank Contents:	REPORTED AS "UNKNOW!	V"BY	Leak Monite	oring:	UNKNOWN	
1	AGENCY		Tank Piping	•	UNKNOWN	
Tank Age:	NOT REPORTED		Tank Mater	•	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLON	s)				
LA Co Site Mtgn - LA	County Site Mitigatio	n / SRC# 2	683	Agency I	D:	908212
Agency Address:			CAL COMPANY	,		
		11756 BURKI CA 90670	E ST			
Waste Name:		TPH				
• • • • • • • • • • • • • • • • • • •		SOIL				
Media Affected:						
Log Number:		903734				
Discovery Date:		OCTOBER 2	5, 1990			
Abate Date:		JUNE 1, 1992	!			
State Status:		ABATED				
Description:		NO FURTHE	R FOLLOW-UP F	REQUIRED.		
TRIS - Toxic Release	Inventory System / SI	RC# 2587		EPA ID:		CAD008287823
Agency Address:		PILOT CHEM	ICAL CO. OF CA	LIFORNIA		
, , , , , , , , , , , , , , , , , , , ,		11756 BURK				
<u> </u>	<del></del>	SANTA FE SI	PRINGS, CA 906	70		
Chemical Abstract S	Service Registry:					ntity Released:
DIETHANOLAMINE						(POUNDS)
NOT REPORTED						POUNDS)
SULFURIC ACID						REPORTED (POUNDS)
MALEIC ANHYDRIDE					NOTE	REPORTED (POUNDS)

VISTA P	ILOT CHEMICAL	COMPANY	·	ISTA ID#:	4020570
Address*: 1	1770 BURKE	1 1 1 1 1	0	istance/Direction:	0.03 MI / N
SANTA FE SPRINGS, CA 906		and the second s	P	lotted as:	Point
STATE UST - S	tate Underground S	torage Tank / SR	C# 1612 E	PA/Agency ID:	N/A
Agency Addre Underground Aboveground	Tanks:	11770 BUF	SPRINGS, CA DRTED		
Tanks Remov		NOT REPO			
Tank ID:	10		Tank Status:	NOT AVAILA	BLE
Tank Content	s: NOT REPORTE	)	Leak Monitor	ing: UNKNOWN	
Tank Age:	NOT REPORTED	)	Tank Piping:	NOT AVAILA	BLE
Tank Size (Un	its): NOT REPORTED	(NOT AVAILABLE)	Tank Material: NOT AVAILABLE		BLE

VISTA Address*: 11770 BURKE STREET SANTA FE SPRINGS, CA 90	·	VISTA ID#: Distance/Direction: Plotted as:	1194162 0.03 MI / N Point
STATE LUST - State Leaking Underground St 3056	orage Tank / SRC#	Agency ID:	014457

Agency Address:

FLIGHT TRUCKING

11770 BURKE STREET SANTA FE SPRI, CA 90670

Tank Status: Media Affected: Substance:

Leak Cause:

NOT AVAILABLE SOIL/SAND/LAND

DIESEL

Remedial Action:

UNAVAILABLE NOT AVAILABLE

Remedial Status 1: Remedial Status 2: CASE CLOSED/CLEANUP COMPLETE

NOT AVAILABLE

Fields Not Reported:

Discovery Date, Quantity (Units), Leak Source

**DICE 01953** 

Map ID

Map ID



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Regional LUST - Regional Leaking Underground Storage Tank / Agency ID: 014457 SRC# 3104 FLIGHT TRUCKING Agency Address: 11770 BURKE ST SANTA FE SPRINGS, CA 90670 Tank Status: NOT AVAILABLE FEBRUARY 14, 1990 Discovery Date: SOIL/SAND/LAND Media Affected: DIESEL Substance: UNAVAILABLE Leak Cause: Remedial Action: NOT AVAILABLE CASE CLOSED/CLEANUP COMPLETE Remedial Status 1: Remedial Status 2: **NOT AVAILABLE** Fields Not Reported: Quantity (Units), Leak Source

VISTA	DIVERSEY WYANDOTTE CORPORATION	VISTA ID#:	5354007	
Address*:	9021 DICE DD	Distance/Direction:	0.08 M1 / S	
fat e	SANTA FE SPRINGS, CA 90670	Plotted as:	Point	
CORTESE /	SRC# 2298	EPA/Agency ID:	N/A	
Agency Ad	8921 DICE RD SANTA FE SPRINGS, CA 906			
Site ID:	INV-ID19-029260			



VISTA DIVERSEY CORP		VISTA ID#:	123068
Address*: 8921 DICE RD		Distance/Direction:	0.08 MI/S
SANTA FE SPRINGS, CA	90670	Plotted as:	Point
ORRACTS / SRC# 3057		EPA ID:	CAD046455747
Agency Address:	SAME AS ABOVE	<u> </u>	•
Prioritization Status:	MEDIUM		
RCRA Facility Assessment Completed:	NO		
Notice of Contamination:	NO		
Determination of need For a RFI (RCRA	NO		
Facility Investigation):			à
RFI Imposed:	NO		
RFI Workplan Notice of Deficiency	NO		
Issued:			
RFI Workplan Approved:	NO		
RFI Report Received:	NO		
RFI Approved:	NO		
No Further Corrective Action at this	NO		
Time:			
Stabilization Mesaures Evaluation:	YES		
CMS (Corrective Measure Study)	NO		
Imposition:			
CMS Workplan Approved:	NO		
CMS Report Received:	NO		
CMS Approved:	NO		
Date for Remedy Selection (CM	NO		
Imposed):	410		
Corrective Measures Design Approved:	NO		
Corrective Measures Investigation	NO		
Workplan Approved:	NO .		
Certification of Remedy Completion:	NO .		
Stabilization Measures Implementation:	NO		
Stabilization Measures Completed:	NO		
Corrective Action Process Termination:	740	IEPA ID:	CAD046455747
RCRA-TSD / SRC# 3057	SAME AS ABOVE	JEPA ID.	TCAD046455747
Agency Address: Off-Site Waste Received:	NO		
Land Disposal:	NO		
Incinerator:	NO		
Storage/Treatment:	NO		
RCRA-LgGen - RCRA-Large Generator / S		IEPA ID:	CAD046455747
Agency Address:	SAME AS ABOVE	1-17110.	10,100,100,141
Generator Class:	GENERATORS WHO GENE	RATE AT LEAST 1000 KG/	MONTH OF NON-ACUTE
	HAZARDOUS WASTE OR 1	KG/MONTH OF ACUTELY	HAZARDOUS WASTE.
RCRA-Violations / SRC# 3057		EPA ID:	CAD046455747
Agency Address:	SAME AS ABOVE		
Violation Type:	TSD-FINANCIAL RESPONS	SIBILITY REQ.	
Violation Date:	MARCH 1, 1988		
Violation Class:	1		
Actual Compliance Date:	JULY 13, 1992		
Scheduled Compliance Date:	NOT REPORTED		



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Map ID

Violation Type:	TSD-OTHER REQUIREMENTS (OVERSITE LEVEL)
Violation Date:	MARCH 9, 1988
Violation Class:	1
Actual Compliance Date:	JANUARY 21, 1992
Scheduled Compliance Date:	MAY 18, 1988
Violation Type:	TSDCLOSURE/POST-CLOSURE REQ.
Violation Date:	MARCH 9, 1988
Violation Class:	1
Actual Compliance Date:	JANUARY 21, 1992
Scheduled Compliance Date:	MAY 18, 1988
Enforcement Number:	861010
Enforcement Agency:	State
Action Date:	OCTOBER 10, 1986
Action Type:	WRITTEN INFORMAL
Penalty Assessed:	NOT REPORTED
Penalty Settlement:	NOT REPORTED
Enforcement Number:	880418001
Enforcement Agency:	State
Action Date:	APRIL 18, 1988
Action Type:	WRITTEN INFORMAL
Penalty Assessed:	NOT REPORTED
Penalty Settlement:	NOT REPORTED

VISTA	<b>DIVERSEY WYANDOTTE CO</b>		CORP	VISTA ID#:	517328	
Address*:	8921 D		:	Distance/Direction:	0.08 MI / S	
*	1	FE SPRINGS, CA	90670	Plotted as:	Point	
CERCLIS / SRC# 2977				EPA ID:	CAD046455747	
Agency Add	dress:		SAME AS ABOVE			
<b>NPL Status</b>	:		NOT A PROPOSED, CURRENT, OR DELETED NPL SITE			
Site Ownership:		UNKNOWN				
Lead Agend	sy:		NO DETERMINATION			
Site Descrip			NOT REPORTED			
<b>Event Type</b>	:	Lead Agency:	Event Status:	Start Date:	Completion Date:	
DISCOVERY		EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	AUGUST 1, 1980	
PRELIMINARY ASSESSMENT		STATE, FUND FINANCED	UNKNOWN	JUNE 1, 1984	SEPTEMBER 1, 1984	
PRELIMINARY ASSESSMENT		EPA FUND-FINANCED	NO FURTER REMEDIAL ACTION PLANNED	NOT REPORTED	SEPTEMBER 10, 1990	
L Regional CE	RCLIS /	SRC# 2462		EPA ID:	CAD046455747	
Agency Ad	dress:		SAME AS ABOVE			
Regional U	tility Des	cription:				
ACIDS	DOLIO I	00040400		TEDA ID.	ICADOACAEE747	
Regional CERCLIS / SRC# 2462			SAME AS ABOVE	EPA ID:	CAD046455747	
Agency Ad			SAME AS ABOVE			
Regional U	unity Des	сприоп:				
Regional CERCLIS / SRC# 2462			IEPA ID:	CAD046455747		
Agency Address:			SAME AS ABOVE		<u>.,,,:=.:                                   </u>	
Regional U		cription:				

**DICE 01956** 



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Regional CERCLIS / SRC# 2462		TEPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE	Le res.	10/10040100141	
Regional Utility Description:		<del></del>		
ORGANICS	<del></del>			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE	<u> </u>		
Regional Utility Description:				
OTHER- SODIUM HYDROXIDE, SODIUM CARBONATE	, PHOSPHORIC ACIDVARIOU			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE			
Regional Utility Description:				
S VESSEL WASINGS		TED. 15	10.00.00.00	
Regional CERCLIS / SRC# 2462	2445.42.45	EPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE			
Regional Utility Description:				
Regional CERCLIS / SRC# 2462		IEPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE	ILFA ID.	10AD040433141	
Regional Utility Description:	5 5 1. 5 0 V L			
TANKS				
Regional CERCLIS / SRC# 2462		IEPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE	<del></del>		
Regional Utility Description:				
UNDERGROUND INJECTION				
Regional CERCLIS / SRC# 2462		EPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE			
Regional Utility Description:				
RCRA REGULATED: GENERATOR TREAT STORE DIS	SPOSE FACIL (NON HANDL	TEDA 10	1040040455747	
Regional CERCLIS / SRC# 2462	SAME AS ABOVE	EPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE			
Regional Utility Description:				
Regional CERCLIS / SRC# 2462		EPA ID:	CAD046455747	
Agency Address:	SAME AS ABOVE	12.7,1.2.	13.12010.00.11	
Regional Utility Description:				
NOTIS 103(C) SITE				
SCL - State Equivalent CERCLIS List / SR	C# 2825	Agency ID:	19280834	
Agency Address:	DIVERSEY WYANDOTTE CO	ORPORATION		
	8921 SOUTH DICE ROAD			
Facility Type:	SANTA FE SPRINGS, CA 90 NOT AVAILABLE	070	j	
Lead Agency:	NOT AVAILABLE			
State Status:	VOLUNTARY CLEANUP			
Pollutant 1:	HALOGENATED ORGANIC COMPOUNDS			
Pollutant 2:	CONTAMINATED SOIL			
Pollutant 3:	UNSPECIFIED ORGANIC LIQUID MIXTURE			
Fields Not Reported:	Status			
STATE UST - State Underground Storage		EPA/Agency ID:	N/A	
Agency Address:	DIVERSEY WYANDOTTE	TEL TVI GETTO, ID.	(41/1	
James Additional Control of the Cont	8921 DICE			
11md annual T	SANTE FE SPRINGS, CA			
Underground Tanks:	NOT REPORTED			
Aboveground Tanks:	NOT REPORTED			
Tanks Removed:	NOT REPORTED			



10 NOT AVAILABLE Tank ID: Tank Status: Tank Contents: NOT REPORTED Leak Monitoring: UNKNOWN Tank Age: NOT REPORTED Tank Piping: NOT AVAILABLE Tank Material: NOT AVAILABLE NOT REPORTED (NOT AVAILABLE) Tank Size (Units):

VISTA ID#::::: 4824475 ... VISTA: CITY OF SANTA FE SPRINGS FIRE Distance/Direction: 0.09 MI / NE Address\*: 8634 S DICE Plotted as: Point SANTE FE SPRINGS, CA STATE UST - State Underground Storage Tank / SRC# 1612 EPA/Agency ID: N/A Agency Address: SAME AS ABOVE Underground Tanks: 2 NOT REPORTED Aboveground Tanks: NOT REPORTED Tanks Removed: ACTIVEAN SERVICE Tank ID: Tank Status: REPORTED AS "UNKNOWN" BY UNKNOWN Tank Contents: Leak Monitoring: AGENCY UNKNOWN Tank Piping: NOT REPORTED Tank Age: UNKNOWN Tank Material: NOT REPORTED (GALLONS) Tank Size (Units): 2U ACTIVEAN SERVICE Tank ID: Tank Status: REPORTED AS "UNKNOWN" BY UNKNOWN Tank Contents: Leak Monitoring: AGENCY UNKNOWN Tank Piping: NOT REPORTED Tank Age: UNKNOWN Tank Material: NOT REPORTED (GALLONS) Tank Size (Units):

VISTA WEST BENT BOLT Address* 8623 DICE RD SANTA FE SPRINGS, CA 90670		VISTA ID#: Distance/Direction: Plotted as:	5354006 0.09 MI / N Point	Map ID .	
CORTESE /			EPA/Agency ID:	N/A	<u>-</u> L
Agency Ad	dress:	SAME AS ABOVE			
List Name:		CALSITE		·	-

INV-ID19-000008

VISTA Address*:  8623 DICE RD SANTA FE SPRINGS, CA 90670	11011110111	274221 0.09 MI / N Point	Map ID  5
RCRA-LgGen - RCRA-Large Generator / SRC# 3057	EPA ID:	CAD004295572	1
A SAME AS ABOVE		· · · · · · · · · · · · · · · · · · ·	7

Agency Address: SAME AS ABOVE

Generator Class: GENERATORS WHO GENERATE AT LEAST 1000 KG,MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG,MONTH OF ACUTELY HAZARDOUS WASTE.

VISTA Address*:	WEST BENT BOLT 8623 S DICE RD SANTA FE SPRING		VISTA ID#: Distance/Direction: Plotted as:	1183438 0.09 MI / NE Point
CERCLIS / S	SRC# 2977		EPA ID:	CAD004295572
Agency Address: SAME AS ABOVE				
NPL Status: NOT A PROPOSED, CURRENT, OR DELETED NPL SITE		E		
Site Ownership: UNKNOWN				

NO DETERMINATION
NOT REPORTED

DICE 01958

Map ID

Map ID

5



Lead Agency:

Site Description:

Site ID:

### PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	APRIL 1, 1985
PRELIMINARY	STATE, FUND FINANCED	UNKNOWN	APRIL 9, 1985	JULY 1, 1985
ASSESSMENT				
SCREENING SITE	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	OCTOBER 1, 1986
INSPECTION				
SCREENING SITE	EPA FUND-FINANCED	NO FURTER REMEDIAL	NOT REPORTED	SEPTEMBER 19, 1990
INSPECTION		ACTION PLANNED		
Regional CERCLIS	/ SRC# 2462		EPA ID:	CAD004295572
Agency Address:		SAME AS ABOVE		
Regional Utility De	escription:			
OTHER: SLUDGES, WHI	TTISH GRAY POWDER			12722
Regional CERCLIS	/ SRC# 2462	0.115.40.40015	EPA ID:	CAD004295572
Agency Address:		SAME AS ABOVE		
Regional Utility De	escription: RFLOW RINSE FROM ZINC PL	ATIMO MELITRALIZED SUI		
Regional CERCLIS		ATTING INEUTRALIZED SUL	EPA ID:	CAD004295572
Agency Address:	J OILOW ENGE	SAME AS ABOVE	1217(10.	1071200012
Regional Utility De	escription:	<u></u>		
FURIC ACID, SODIUM H	YDROXIDE			
Regional CERCLIS	/ SRC# 2462		EPA ID:	CAD004295572
Agency Address:		SAME AS ABOVE		
Regional Utility De	escription:			
	S (HOLDING TANKS)-HAZ WA	STES	EDA IO:	1040000000000
Regional CERCLIS	/ SRC# 2462	SAME AS ABOVE	EPA ID:	CAD004295572
Agency Address:		SAME AS ABOVE		
Regional Utility De	escription:			
Regional CERCLIS			EPA ID:	CAD004295572
Agency Address:		SAME AS ABOVE		
Regional Utility De	escription:			
OTHER: 2-3 FT WIDE DI	TCH			
Regional CERCLIS	/ SRC# 2462		EPA ID:	CAD004295572
Agency Address:		SAME AS ABOVE		
Regional Utility De	escription:			
OTHER: SUMP, DISCHA Regional CERCLIS			EPA ID:	CAD004295572
Agency Address:	JUNUM ENDE	SAME AS ABOVE	ILI VID.	10/10/04/2001/2
Regional Utility De	escription:			
SOIL CONTAMINATION				
Regional CERCLIS	/ SRC# 2462		EPA ID:	CAD004295572
Agency Address:		SAME AS ABOVE		
Regional Utility De	escription:			
CALIFORNIA 3012 SITE	1000#0400		TEDA ID:	[CAD004005570
Regional CERCLIS	/ SRC# 2462	SAME AS ABOVE	EPA ID:	CAD004295572
Agency Address:	:	SAME AS ABUVE		
Regional Utility De	escription:			
Regional CERCLIS	/ SRC# 2462		EPA ID:	CAD004295572
Agency Address:	, ORON ETOE	SAME AS ABOVE	1217(10.	10/10004200012
Regional Utility De	escription:		<del></del>	
	NERATOR SEE NOTIFICATION	V 5 4 5		



## PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

		1C ADODADDEE73				
Regional CERCLIS / SRC# 2462  Agancy Address: SAME AS ABOVE	EPA ID:	CAD004295572				
Agency Address:		<del></del>				
Regional Utility Description:						
OILY LIQUIDS Regional CERCLIS / SRC# 2462	IEPA ID:	CAD004295572 '				
	JCPAID.	CAD004293372				
Agency Address.		<del></del>				
Regional Utility Description: SITE INSPECTION, CHECK STATUS OF STATE ACTION		<del></del>				
Regional CERCLIS / SRC# 2462	EPA ID:	CAD004295572				
	JULY ID.	CAD004233372				
Agency Address.		<del></del>				
Regional Utility Description: OTHER: MFG OF METAL BOLTS, SCREWS, MACHINERY, ETC. ZINC PLATING	- <del></del>	<del></del>				
Regional CERCLIS / SRC# 2462	IEPA ID:	CAD004295572				
Agency Address: SAME AS ABOVE	Tai Mo.	107.0500 1200012				
Regional Utility Description:						
UNDERGROUND TANK (CLARIFIERS)						
Regional CERCLIS / SRC# 2462	IEPA ID:	CAD004295572				
Agency Address: SAME AS ABOVE						
Regional Utility Description:		<del></del>				
OIL SOAKED SOIL REMOVED						
Regional CERCLIS / SRC# 2462	EPA ID:	CAD004295572				
Agency Address: SAME AS ABOVE						
Regional Utility Description:						
30-GAL CYANIDE SPILL CLEANED UP						
Regional CERCLIS / SRC# 2462	EPA ID:	CAD004295572				
Agency Address: SAME AS ABOVE						
Regional Utility Description:						
CLARIFIER (3)						
Regional CERCLIS / SRC# 2462	EPA ID:	CAD004295572				
Agency Address: SAME AS ABOVE						
Regional Utility Description:	·					
30-40 GAL CYANIDE SPILLED, NEUTRALIZED AND PICKED-UP	14	140240420				
SCL - State Equivalent CERCLIS List / SRC# 2825  Agency Address: WEST BENT BOLT	Agency ID:	19340439				
Agency Address: WEST BENT BOLT 8623 SOUTH DICE ROA	AD					
SANTA FE SPRINGS, C						
Facility Type: NOT AVAILABLE						
Lead Agency: NOT AVAILABLE	NOT AVAILABLE					
1	REFERRED TO ANOTHER AGENCY					
Pollutant 1: CYANIDES	CYANIDES					
	HOUSEHOLD WASTES					
	UNSPECIFIED SLUDGE WASTE					
Fields Not Reported: Status						
trian tracket and tracket	<del></del>					

VISTA Address*:	TALCO PLASTICS INC 11650 BURKE WHITTIER, CA 90606		VISTA ID#: Distance/Direction: Plotted as:	1237544 0.11 MI / W Point
STATE UST	- State Underground Storage	Tank / SRC# 1612	EPA/Agency ID:	N/A
Agency Ad	dress:	TALCO PLASTICS INC 11650 BURKE WHITTIER, CA		
Undergrou	nd Tanks:	2		
Aboveground Tanks:		NOT REPORTED		
Tanks Ren	noved:	NOT REPORTED		

**DICE 01960** 

Map ID



#### PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

ACTIVEAN SERVICE 10 Tank ID: Tank Status: REPORTED AS "UNKNOWN" BY UNKNOWN Tank Contents: Leak Monitoring: AGENCY UNKNOWN Tank Piping: NOT REPORTED Tank Age: UNKNOWN Tank Material: NOT REPORTED (GALLONS) Tank Size (Units): ACTIVEAN SERVICE Tank Status: Tank ID: REPORTED AS "UNKNOWN" BY UNKNOWN Leak Monitoring: Tank Contents: AGENCY UNKNOWN Tank Piping: NOT REPORTED Tank Age: Tank Material: UNKNOWN NOT REPORTED (GALLONS) Tank Size (Units):

### SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA	PALLEY PROPERTY		VISTA ID#;	5404254
Address*:	11630 BURKE ST		Distance/Direction:	0.13 MI / W
	CA 90606		Plotted as:	Point
LA Co Site N	ltgn - LA County Site Mitigatio	n / SRC# 2683	Agency ID:	95S369
Agency Add	dress:	SAME AS ABOVE		
Waste Nam	e:	TPH		}
Media Affec	ted:	SOIL		
Log Numbe	r:	950293		
Discovery [	Date:	JANUARY 30, 1995		
Abate Date:		NOT REPORTED		
State Statu	s:	PI		
Description	:	2 DBA ON-SITE, ONE ACTIV	E GENERATOR	

VISTA	T CHEM PRODUCTS INC	VISTA ID#.	418301	Ma
Address*:	9028 DICE RD	Distance/Direction:	0.16 MI / S	il .
	SANTA FE SPRINGS, CA 90670	Plotted as:	Point	1
Regional LI	UST - Regional Leaking Underground Storage Tank /	Agency ID:	R-04511	L
SRC# 3104				
Agency Ad	idress: T-CHEM PRODUCTS			

SANTA FE SPRINGS, CA 90670

Tank Status: Discovery Date: Media Affected:

NOT AVAILABLE FEBRUARY 26, 1996

Leak Cause: Remedial Action: Remedial Status 1:

Remedial Status 2:

UNAVAILABLE NOT AVAILABLE

CASE CLOSED/CLEANUP COMPLETE NOT AVAILABLE

SOIL/SAND/LAND

Substance, Quantity (Units), Leak Source Fields Not Reported:

STATE UST - State Underground Storage Tank / SRC# 1612 EPA/Agency ID:

T-CHEM PRODUCTS Agency Address: 9028 S DICE

SANTE FE SPRINGS, CA

**Underground Tanks:** Aboveground Tanks: NOT REPORTED

Tanks Removed: NOT REPORTED Tank ID: 10

Tank Status:

ACTIVEAN SERVICE UNKNOWN

N/A

Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY NOT REPORTED Tank Age:

Leak Monitoring: Tank Piping:

UNKNOWN

Tank Size (Units): NOT REPORTED (GALLONS) Tank Material:

UNKNOWN

**DICE 01961** 



\* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 113596-001 Date of Report: September 3, 1996

Version 2.4.1

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Map ID:

TRIS - Toxic	Release	Inventory System / S	RC# 2587		EPA ID:		CAD051482784	
Agency Ad	ldress:		T-CHEM PRO 9028 DICE R SANTA FE S		701807	•		
Chemical A	Abstract	Service Registry:				Quar	tity Released:	$\overline{}$
CHLORINE							POUNDS)	
AMMONIA	<del></del> -					1622.0	0 (POUNDS)	
VISTA	PARKI	ER HANNIFIN CORF	5		VISTA ID	#: :::::::::	319868	Map ID
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	- 1	BURKE ST SPRING			Distance/	Direction:		
		A FE SPRINGS, CA			Plotted as	<b>5</b> :	Point	8
RIS - Toxic		Inventory System / S		::: <u>, ::                              </u>	EPA ID:	<del> </del>	CAD981973357	
Agency Ad			PARKER HA 11808 BURK	NNIFIN CORP. (E ST. PRINGS, CA 906	70			
Chemical A	Abstract	Service Registry:			<del></del>	Quar	tity Released:	_
1,1,1-TRICHLO							O (POUNDS)	
VISTA	AEDO	SPACE RIVET MFG	CODD		VISTA ID	#	1268062	Map ID
Address*:			. CURP.			Direction:	0.18 MI / N	
riadicos .		FACTURER			Plotted a		Point	<b>−</b> ∥ 9
		DICE RD. A FE SPRINGS, CA	90670					
RIS - Toxic		Inventory System / S		<u> </u>	EPA ID:	····	CAD981417751	
Agency Ac			SAME AS A	BOVE				
		Service Registry:					ntity Released:	
SULFURIC AC	CID					5.00 (1	POUNDS)	
VISTA	Δ-W F	NGINEERING CO			VISTA ID	#.	34957	Map ID
Address*:	8518 E	*		•	Distance	Direction:	0.19 MI / N	
		A FE SPRINGS, CA	90670		Plotted a	S.	Point	9
STATE UST		Inderground Storage		<b>2# 1612</b>	EPA/Age	ncv ID:	N/A	
Agency Ad	idress:		A-W ENGINE 8518 DICE	EERING CO SPRINGS, CA	1-1.7			
Undergrou								
Abovegrou		S:	NOT REPOR					ļ
Tanks Ren Tank ID:	novea:	10	NOT REPOR			NOT AVAILA	RI E	
		NOT REPORTED		Tank Status		UNKNOWN	ULL	
Tank Cont		NOT REPORTED		Leak Monit	-	NOT AVAILA	RIF	
Tank Age:		NOT REPORTED (NOT AV	All ARI ET	Tank Piping Tank Mater	-	NOT AVAILA		ļ
Tank Size	ប្រជាជន្យះ	HOT KEFOKTED (NOT AV	MINULE	i ank water	iai.	MOLYANTH	ULL	- (



	BARRE	TT SERVICE STAT	ΓΙΟΝ	I	D#:::::::::	1203224	Map ID
Address*:	8728 N	ORWALK BLVD			e/Direction:	0.18 MI / W	
	WHITT	IER, CA 90606		Plotted	as:	Point in the	10
			round Storage Tank /	Agency	1D:	I-04174 ·	
SRC# 3104							
Agency Add	ress:		BARRETT SERVICE STATION 8728 NORWALK BLVD	٧			
			LOS NIETOS, CA 90606				-
Tank Status	:		NOT AVAILABLE				1
Discovery D	ate:		AUGUST 15, 1990				
Media Affec			GROUNDWATER				
Substance:			GASOLINE (UNSPECIFIED)				
Leak Cause	;		UNAVAILABLE				
Remedial Ad	ction:		NOT AVAILABLE				
Remedial St	atus 1:		PRELIMINARY ASSESSMEN	Τ			
Remedial St	atus 2:		NOT AVAILABLE				
Fields Not R	eported	:	Quantity (Units), Leak Source				
		nderground Storage 1	Tank / SRC# 1612	EPA/Ag	ency ID:	N/A	
Agency Add	ress:		BARRETT SERVICE STATIO	٧			]
			8728 NORWALK LOS NIETOS, CA 90606				
Undergroun	d Tanks	:	4				
Abovegroun			NOT REPORTED				İ
Tanks Remo			NOT REPORTED				
Tank ID:		1U	Tank Statu	s:	ACTIVEAN SE	RVICE	1
Tank Conte	nts:	LEADED GAS	Leak Monit	oring:	UNKNOWN		
Tank Age:		NOT REPORTED	Tank Piping	g:	BARE STEEL		
Tank Size (	Inits):	10000 (GALLONS)	Tank Mater	ial:	BARE STEEL		
Tank ID:		2U	Tank Status	s:	ACTIVEAN SE	RVICE	1
Tank Conte	nts:	LEADED GAS	Leak Monit	oring:	UNKNOWN		
Tank Age:		NOT REPORTED	Tank Piping	g:	BARE STEEL		
Tank Size (L	Inits):	550 (GALLONS)	Tank Mater	ial:	BARE STEEL		]
Tank ID:		3 <i>U</i>	Tank Statu	s:	ACTIVEAN SE	RVICE	
Tank Conte	nts:	LEADED GAS	Leak Monit	_	UNKNOWN		
Tank Age:		NOT REPORTED	Tank Piping	g:	BARE STEEL		
Tank Size (l	Jnits):	550 (GALLONS)	Tank Mater		BARE STEEL		
Tank ID:		4U	Tank Statu		ACTIVEAN SE	RVICE	
Tank Conte	nts:	UNLEADED GAS	Leak Monit		UNKNOWN		
Tank Age:		NOT REPORTED	Tank Piping		BARE STEEL		
Tank Size (U		3500 (GALLONS)	Tank Mater		BARE STEEL	1: :	_
CORTESE / S		98		JEPAVAG	jency ID:	N/A	1
Agency Add	lress:		BARRET STATION 8728 NORWALK BLVD				1
			WHITTIER, CA 90606				1
List Name:			LEAKING TANK				1
Site ID:			INV-ID19-001765				1



VISTA Address*	BARRETT SER 8728 NORWALI WHITTIER, CA		VISTA ID#: Distance/Direction: Plotted as:	6478853 0.18 MI / W Point
STATE LUST 3056	T - State Leaking U	nderground Storage Tank / SRC#	Agency ID:	I-04174
Agency Ad	dress:	BARRETT SERVICE STATION 8728 NORWALK BLVD LOS NIETOS, CA 90606	V	
Tank Statu:	s:	NOT AVAILABLE		
Media Affe	cted:	GROUNDWATER		
Substance	:	GASOLINE (UNSPECIFIED)		
Leak Cause	e:	UNAVAILABLE		
Remedial A	Action:	NOT AVAILABLE		
Remedial S	Status 1:	PRELIMINARY ASSESSMEN	Τ	
Remedial S	Status 2:	NOT AVAILABLE		
Fields Not	Reported:	Discovery Date, Quantity (Unit	ts), Leak Source	

VISTA	C.F. PENG SERVICE STA	TION	VISTA ID#:	2748870	Map
Address*:	8905 NORWALK BLVD.		Distance/Direction:	0.19 MI / W	
	SANTA FE SPRINGS, CA	90670	Plotted as:	Point	11
STATE LUST	- State Leaking Underground	Storage Tank / SRC#	Agency ID:	I-02290	<b> </b>
3056		_		İ	
Agency Ade	dress:	SAME AS ABOVE			}
Tank Status	s:	NOT AVAILABLE			ļ
Media Affec	cted:	SOIL/SAND/LAND			
Substance:		GASOLINE (UNSPECIFIED)			ĺ
Leak Cause	e:	UNAVAILABLE			
Remedial A	action:	NOT AVAILABLE			}
Remedial S	Status 1:	PRELIMINARY ASSESSMEN	Τ		-
Remedial S	status 2:	NOT AVAILABLE			}
Fields Not i	Reported:	Discovery Date, Quantity (Unit	ls), Leak Source		
Regional LU	ST - Regional Leaking Under	ground Storage Tank /	Agency ID:	1-02290	1
SRC# 3104		-			(
Agency Ad	dress:	C.F. PENG SERVICE STATIO	N		]
		8905 NORWALK BLVD SANTA FE SPRINGS, CA 906	70		İ
Tank Status	s•	NOT AVAILABLE	7.0		]
Discovery I	<del>-</del> '	NOVEMBER 26, 1991			
Media Affe		SOIL/SAND/LAND			
Substance		GASOLINE (UNSPECIFIED)			
Leak Cause		UNAVAILABLE			
Remedial A	<b></b>	NOT AVAILABLE			
Remedial S	14 4111	PRELIMINARY ASSESSMEN	Τ		İ
Remedial S		NOT AVAILABLE			}
Fields Not		Quantity (Units), Leak Source			
CORTESE /		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPA/Agency ID:	N/A	1
Agency Ad		C.F. PENG SERVICE STATIC		11417	1
355) Ad		8905 NORWALK BLVD			
1		SANTA FE SPRINGS, CA 906	570		
List Name:		LEAKING TANK			
Site ID:		INV-ID19-003372			ز

**DICE 01964** 

Map.ID



VISTA	NACHO'S BATTERIES		VISTA ID#	4825493	M
Address*:	8917 NORWALK		Distance/Direction:	0.19 MI / W	
	CA 90606		Plotted as:	Point	1
LA Co Site N	Itgn - LA County Site Mitiga	ation / SRC# 2683	Agency ID:	88S003 ·	]
Agency Ade	dress:	SAME AS ABOVE			1
Waste Nam	e:	LEAD			
Media Affec	cted:	SOIL			
Waste Nam	e:	ACID			1
Media Affec	cted:	SOIL			1
Log Numbe	er:	882781			]
Discovery [	Date:	JANUARY 14, 1988			
Abate Date	:	SEPTEMBER 25, 1989			
State Statu	s:	ABATED			1
Description	1:	NO FOLLOW-UP REQUIRED	).		]
					-
VISTA	ACI GLASS PRODUCTS	SINC	VISTA ID#:	4497	
Address*:	9010 S NORWALK BLV	D.	Distance/Direction:	0.20 MI / W	
	SANTA FE SPRINGS, C	A 90670	Plotted as:	Point	1
STATE LUST	- State Leaking Undergrou		Agency ID:	061390-02	1 📖
3056	9 9	3			
Agency Ade		ACI GLASS PRODUCTS INC 9010 S NORWALK BLVD SANTA FE SPRI, CA 90670 NOT AVAILABLE			
Media Affe	<del></del>	UNKNOWN			1
Substance:	<del></del>	GASOLINE (UNSPECIFIED)		•	1
Leak Cause		UNAVAILABLE			
Remedial A		NOT AVAILABLE			
Remedial S		NO ACTION TAKEN BY RES	PONSIBLE PARTY		.
Remedial Status 2: NOT AVAILABLE		NOT AVAILABLE			
Fields Not		Discovery Date, Quantity (Un.	its), Leak Source		
Regional LU	IST - Regional Leaking Und	erground Storage Tank /	Agency ID:	061390-02	1
SRC# 3104			<u></u>	ļ <u>.</u>	
Agency Ad	dress:	ACI GLĀSS PRODUCTS INC 9010 S NORWALK BLVD SANTA FE SPRI, CA 90670			
Tank Statu	s:	NOTAVAILABLE			

Tank Status: NOT AVAILABLE
Discovery Date: APRIL 19, 1990
Media Affected: UNKNOWN

Substance: GASOLINE (UNSPECIFIED)

Leak Cause: UNAVAILABLE
Remedial Action: NOT AVAILABLE

Remedial Status 1: NO ACTION TAKEN BY RESPONSIBLE PARTY

Remedial Status 2: NOT AVAILABLE
Fields Not Reported: Quantity (Units), Leak Source

Agency Address: ACIGLASS

9010 S NORWALK SANTE FE SPRINGS, CA

Underground Tanks:

1 NOT REPORTED

Aboveground Tanks: Tanks Removed:

NOT REPORTED

NOT REPORTED

**DICE 01965** 



\* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 113596-001

Date of Report: September 3, 1996

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Tank ID:

Tank Status:

ACTIVEAN SERVICE

Tank Contents:

REPORTED AS "UNKNOWN" BY **AGENCY** 

Leak Monitoring:

UNKNOWN

Tank Age:

Tank Piping:

UNKNOWN

Tank Size (Units):

**NOT REPORTED** NOT REPORTED (GALLONS)

Tank Material:

UNKNOWN

CORTESE / SRC# 2298

EPA/Agency ID:

N/A

Point

19340742

19290306

032091-02

Agency Address:

ACI GLASS PRODUCTS 9010 NORWALK BLVD S.

SANTA FE SPRINGS, CA 90670 CALSITE

List Name: Site ID:

INV-ID19-002528

AI21Y	
Address*:	1
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 1

TECHNI-BRAZE INC 11845 BURKE STREET

VISTA ID#: Distance/Direction: Plotted as:

Agency ID:

Agency ID:

418570 Map ID 0.21 MI/NE

SANTA FE SPRINGS, CA 90670 SCL - State Equivalent CERCLIS List / SRC# 2825

Agency Address:

SAME AS ABOVE NOT AVAILABLE

Facility Type: Lead Agency:

NOT AVAILABLE

State Status:

FORMER ANNUAL WORKPLAN SITE REFERRED TO RWQCB GAS SCRUBBER WASTE

Pollutant 1: Pollutant 2: Pollutant 3:

PAINT SLUDGE PHOSPHATE SLUDGE

VISTA Address\*:

ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVENUE

SANTA FE SPRINGS, CA 90670

VISTA ID#: 22476 Distance/Direction: 0.22 MI/E Point Plotted as:

Map ID

SPL - State Equivalent Priority List / SRC# 2826 Agency Address:

Fields Not Reported:

SAME AS ABOVE

Status:

NON-NPL SITE

Facility Type:

NOT AVAILABLE **DEPT OF TOXIC SUBSTANCES CONTROL** 

Lead Agency: State Status:

ANNUAL WORK PLAN

Pollutant 1: Pollutant 2: UNKNOWN UNKNOWN

Pollutant 3: STATE LUST - State Leaking Underground Storage Tank / SRC# Agency ID:

UNKNOWN

3056 Agency Address:

ANGELES CHEM CO INC

8915 SORENSEN AVE

Tank Status: Media Affected: SANTA FE SPRI, CA 90670 NOT AVAILABLE

Leak Cause: Remedial Action: GROUNDWATER UNAVAILABLE NOT AVAILABLE

Remedial Status 1:

PRELIMINARY ASSESSMENT

Remedial Status 2:

NOT AVAILABLE

Fields Not Reported:

Discovery Date, Substance, Quantity (Units), Leak Source



Regional LUST - Region SRC# 3104	onal Leaking Undergi	round Stor	age Tank I	Agency I	D:	032091-02
Agency Address:			SEN AVE PRI, CA 90670	I. <u></u>		
Tank Status:		NOT AVAILAE	BLE			
Discovery Date:		MARCH 12, 1	991			
Media Affected:		GROUNDWA	TER			
Substance:		SOLVENTS				
Leak Cause:		UNAVAILABL	E			
Remedial Action:		NOT AVAILA	BLE			
Remedial Status 1:			Y ASSESSMENT	Т		
Remedial Status 2:		NOT AVAILAL				
Fields Not Reported:			s), Leak Source			
	<u></u>			EPA/Age	nov (D)	IN/A
STATE UST - State Un Agency Address:			HEMICAL CO INC		ilicy ID.	INA
		SANTE FE SE	PRINGS, CA			
Underground Tanks:		34				
Aboveground Tanks:		NOT REPOR	TED			
Tanks Removed:		NOT REPOR	TED			
Tank ID:	1U		Tank Status	5:	ACTIVE/IN SE	RVICE
rain contents.	REPORTED AS "UNKNOWN	V" BY	Leak Monit	oring:	UNKNOWN	
	AGENCY		Tank Piping	<b>1</b> :	UNKNOWN	
Tamerigae	NOT REPORTED	٥.	Tank Mater	ial:	UNKNOWN	
Tallit Gias (Gille)	NOT REPORTED (GALLON:	S)				
1.4	2U		Tank Status		ACTIVEAN SE	RVICE
rain contents.	REPORTED AS "UNKNOWN AGENCY	V"BY	Leak Monit	oring:	UNKNOWN	
	NOT REPORTED		Tank Piping	g:	UNKNOWN	
Tallit Age.	NOT REPORTED (GALLON:	SI	Tank Mater	ial:	UNKNOWN	
Tank ID:	30		Tank Status		ACTIVEAN SE	RVICE
1	REPORTED AS "UNKNOW!	V##V	Leak Monit		UNKNOWN	
rain contents.	AGENCY	. 5,		-	UNKNOWN	
Tank Age:	NOT REPORTED		Tank Piping	_	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLON	S)	Tank Mater	iai:	ONNOVIN	
Tank ID:	4U		Tank Status	s;	ACTIVEAN SE	RVICE
Tank Contents:	REPORTED AS "UNKNOW!	V~BY	Leak Monit		UNKNOWN	
	AGENCY		Tank Pipin	•	UNKNOWN	
	NOT REPORTED NOT REPORTED (GALLON	SI	Tank Mater	_	UNKNOWN	
Tank ID:	5U	<del></del>	Tank Statu		ACTIVEAN SE	RVICE
	REPORTED AS "UNKNOW!	V*BY	Leak Monit		UNKNOWN	- =
, and contents.	AGENCY		Tank Piping	-	UNKNOWN	
· · · · · · · · · · · · · · · · · · ·	NOT REPORTED		Tank Mater	_	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLON	S)	i atti iylatel	idi.		
Tank ID:	6U		Tank Statu	s:	ACTIVEAN SE	ERVICE
Tank Contents:	REPORTED AS "UNKNOW!	V"BY	Leak Monit	oring:	UNKNOWN	
Tank Age:	AGENCY NOT REPORTED		Tank Pipin		UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLON	S)	Tank Mater	ial:	UNKNOWN	
Tank ID:	7U	<del>-,</del>	Tank State		ACTIVEAN SE	ERVICE
Tank Contents:	REPORTED AS "UNKNOW!	N" RV	Tank Statu		UNKNOWN	TUALOT
tank contents:	AGENCY	¥ 15 f	Leak Monit	_		
Tank Age:	NOT REPORTED		Tank Pipin		UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLON	S)	Tank Mater	ial:	UNKNOWN	
		·				



			4.070/574 050/105
Tank ID:	8U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Tonk Agos	AGENCY NOT REPORTED	Tank Piping:	UNKNOWN
Tank Age: Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN . ,
Tank ID:	90	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
	AGENCY NOT REPORTED	Tank Piping:	UNKNOWN
Tank Age:		Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	7 1 01 1	ACTIVE AN SERVICE
Tank ID:	REPORTED AS "UNKNOWN" BY	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOTREPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	11U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
•	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		
Tank ID:	12U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	13 <i>U</i>	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Turk oomens.	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		
Tank ID:	14U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	15U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Talik Collectis.	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		
Tank ID:	16U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Tank Age:	AGENCY NOT REPORTED	Tank Piping:	UNKNOWN
Tank Age. Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	170	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Tain Contents.	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping. Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	ratik material.	· · · · · · · · · · · · · · · · · · ·
Tank ID:	18U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Tonk Amer	AGENCY NOT REPORTED	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		



Tank ID:	19U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	ONIGOVIV
Tank ID:	20U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
· 	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		ACTIVEAN SERVICE
Tank ID:	210	Tank Status:	= '
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	22U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		
Tank ID:	23U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	24U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		A 0 TIVE 14 0 F 0 V 0 F
Tank ID:	25U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	26U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
comono.	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		
Tank ID:	27U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	28U	Tank Status:	ACTIVEAN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
	AGENCY	Tank Piping:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Material:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)		
Tank ID:	29U	Tank Status:	ACTIVEÁN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Tank Age:	AGENCY NOT REPORTED	Tank Piping:	UNKNOWN
	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank Size (Units):	HOT TEL OTTED (CALCONS)		



Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY Tank Age: NOT REPORTED (GALLONS) Tank Material: UNKNOWN TANK NOT REPORTED (GALLONS) Tank Material: UNKNOWN TANK NOT REPORTED (GALLONS) Tank Status: ACTIVE/IN SERVICE TANK Contents: REPORTED AS "UNKNOWN" BY AGENCY TANK Contents: NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK Size (Units): NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED AS "UNKNOWN" BY AGENCY TANK Size (Units): NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Piping: UNKNOWN NOT REPORTED (GALLONS) TANK Material: UNKNOWN TANK NOT REPORTED (GALLONS) TANK Piping: UNKNOWN NOT REPORTED (GALLONS) TANK Material: UNKNOWN NOT REPORTED (GALLONS) TANK Material: UNKNOWN NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED (GALLONS) TANK Size (Units): NOT REPORTED (GALLONS) TANK Material: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK MATERIAL: UNKNOWN NOT NOT NEPORTED (GALLONS) TANK	Tank ID:	30U	Tank Status:	ACTIVEAN SERVICE
Tank Age: NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 31U Tank Status: ACTIVEIN SERVICE Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY Tank Size (Units): NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Status: ACTIVEIN SERVICE  UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN  AGENCY Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  Tank ID: 33U Tank Status: ACTIVEIN SERVICE Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED Tank Piping: UNKNOWN AGENCY Tank Age: NOT REPORTED (GALLONS)  Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Age: NOT REPORTED (GALLONS)  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  CORTESE / SRC# 2298    EPA/Agency ID:   N/A	Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Tank Age: Tank Age: Tank Size (Units): Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Contents: AGENCY Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Size (Units): Tank Size (Units): Tank Size (Units): Tank Size (Units): Tank Size (Units): Tank Size (Units): Tank Size (Units): Tank Size (Units): Tank Contents: AGENCY Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Contents: AGENCY Tank Age: Tank Age: Tank Size (Units): Tank Age: Tank Age: Tank Age: Tank Age: Tank Contents: AGENCY Tank Age: Tank Age: Tank Contents: AGENCY Tank Age: Tank Contents: ACTIVEIN SERVICE  Tank Not REPORTED Tank Not REPORTED Tank Material: UNKNOWN TANK Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Age: Tank Contents: ACTIVEIN SERVICE Tank Contents: ACTIVEIN SERVICE Tank Contents: ACTIVEIN SERVICE Tank Contents: ACTIVEIN SERVICE Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Material: UNKNOWN Tank Age: Tank Age: Tank Age: Tank Piping: UNKNOWN Tank Material: UNKNOWN Tank Age: Tank Age: Tank Age: Tank Piping: UNKNOWN Tank Material: UNKNOWN Tank Age: Tank Age: Tank Piping: UNKNOWN Tank Age: Tank Age: Tank Piping: UNKNOWN Tank Age: Tank Piping: UNKNOWN Tank Ac				UNKNOWN
Tank ID: Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY TANK Piping: UNKNOWN TANK Size (Units): NOT REPORTED GALLONS) Tank Age: NOT REPORTED AS "UNKNOWN" BY AGENCY TANK Material: UNKNOWN TANK MATERIAL: TANK ID: Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY TANK Piping: UNKNOWN AGENCY TANK Piping: UNKNOWN TANK MATERIAL: TANK CONTENTS: REPORTED AS "UNKNOWN" BY AGENCY TANK Piping: UNKNOWN TANK MATERIAL: UNKNOWN TANK MATERIAL: TANK Size (Units): NOT REPORTED GALLONS) TANK Size (Units): NOT REPORTED AS "UNKNOWN" BY AGENCY TANK Piping: UNKNOWN TANK MATERIAL: UNKNOWN TANK MATERIAL: UNKNOWN TANK PIPING: UNKNOWN BY AGENCY TANK PIPING: UNKNOWN TANK PIPING: UNKN	,			UNKNOWN
Tank Contents: REPORTED AS *UNKNOWN* BY AGENCY Tank Piping: UNKNOWN TANK Size (Units): NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Contents: REPORTED AS *UNKNOWN* BY AGENCY Tank Piping: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 33U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS *UNKNOWN* BY Leak Monitoring: UNKNOWN Tank ID: 33U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS *UNKNOWN* BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Piping: UNKNOWN Tank Contents: REPORTED AS *UNKNOWN* BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank				
Tank Age: NOT REPORTED Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN Tank ID: 32U Tank Piping: UNKNOWN AGENCY Tank Piping: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED TANK Piping: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED TANK Piping: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 33U Tank Status: ACTIVEAN SERVICE Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED TANK PIPING: UNKNOWN TANK Age: NOT REPORTED TANK PIPING: UNKNOWN TANK Age: NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  EPA/Agency ID: N/A  AGENCY ANGELES CHEMICAL COMPANY INC SANTA FE SPRINGS, CA 90670  List Name: CALSITE Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE				
Tank Age: NOT REPORTED Tank Material: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 32U  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank ID: 33U  Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN  Tank ID: 33U  Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN  Tank Age: NOT REPORTED  Tank Piping: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 34U  Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN  AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL COMPANY INC  8915 SORENSEN AVE  SANTA FE SPRINGS, CA 90670  CALSITE  Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO.  8915 SORENSEN AVE  EPA/Agency ID: N/A  ANGELES CHEMICAL CO.  8915 SORENSEN AVE	Tank Contents:		•	
Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 32U Tank Status: ACTIVEAN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank ID: 33U Tank Status: ACTIVEAN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN  AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 34U Tank Status: ACTIVEAN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN  AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED Tank Piping: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Material: UNKNOWN  Tank Piping: UNKNOWN	Tank Age:			J
Tank ID: 32U Tank Status: ACTIVEIN SERVICE Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY Tank Age: NOT REPORTED Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 33U Tank Status: ACTIVEIN SERVICE Tank Contents: REPORTED AS "UNKNOWN" BY AGENCY Tank Age: NOT REPORTED Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 34U Tank Status: ACTIVEIN SERVICE Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN Tank Age: NOT REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN Tank Age: NOT REPORTED Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  CORTESE I SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE  SANTA FE SPRINGS, CA 90670 CALSITE Site ID: INV-ID19-003042  CORTESE I SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	1	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank Age: NOT REPORTED (GALLONS)  Tank ID: 33U Tank Status: ACTIVE/IN SERVICE  Tank Age: NOT REPORTED (GALLONS)  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY  Tank Age: NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank ID: 34U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY  Tank Age: NOT REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY  Tank Age: NOT REPORTED TANK Piping: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  EPA/Agency ID: N/A  Agency Address: B915 SORENSEN AVE  SANTA FE SPRINGS, CA 90670  CALSITE  Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  Agency Address: BPA/Agency ID: N/A  Agency Address: BPA/Agency ID: N/A		32U	Tank Status:	ACTIVEAN SERVICE
Tank Age: NOT REPORTED TANK PIPING: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank ID: 33U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank Size (Units): NOT REPORTED (GALLONS)  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED (GALLONS)  Tank Age: NOT REPORTED (GALLONS)  Tank Age: UNKNOWN NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL COMPANY INC  8915 SORENSEN AVE  SANTA FE SPRINGS, CA 90670  CALSITE  Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO.  8915 SORENSEN AVE  SANTA FE SPRINGS, CA 90670  CALSITE  Site ID: INV-ID19-003042  EPA/Agency ID: N/A	Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monitoring:	UNKNOWN
Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank ID: 33U  Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Age: NOT REPORTED Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 34U  Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Age: NOT REPORTED Tank Size (Units): NOT REPORTED Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank Piping: UNKNOWN  Tank Piping: UNKN			Tank Piping:	UNKNOWN
Tank ID: 33U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED (GALLONS)  Tank Not REPORTED (GALLONS)  Tank ID: 34U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  Tank	, -		Tank Material:	UNKNOWN
Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED Tank Piping: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 34U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN NOT REPORTED TANK Piping: UNKNOWN UNKNOWN TANK Size (Units): NOT REPORTED (GALLONS)  CORTESE / SRC# 2298 EPA/Agency ID: N/A  Agency Address: ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  List Name: CALSITE  Site ID: INV-ID19-003042  CORTESE / SRC# 2298 EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE  SANTA FE SPRINGS CA 90670  CORTESE / SRC# 2298 EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE			T- 1:0: 1	ACTIVE AN SERVICE
Tank Age:  Tank Age:  Tank Size (Units):  NOT REPORTED (GALLONS)  Tank Material:  Tank Status:  ACTIVE/IN SERVICE  Tank Contents:  REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN  Tank Age:  NOT REPORTED (GALLONS)  Tank Piping:  UNKNOWN  AGENCY Tank Piping: UNKNOWN  Tank Age:  NOT REPORTED (GALLONS)  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Material:  UNKNOWN  Tank Piping:  UNKNOWN				
Tank Age: NOT REPORTED TANK I TIMES. Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 34U Tank Status: ACTIVE/IN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED Tank Piping: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE  Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE  Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	Tank Contents:			
Tank Size (Units): NOT REPORTED (GALLONS)  Tank ID: 34U Tank Status: ACTIVEAN SERVICE  Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN  Tank Age: NOT REPORTED Tank Material: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE  Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID: INV-ID19-003042  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	Tank Age:	NOT REPORTED	, ,	
Tank Contents: REPORTED AS "UNKNOWN" BY Leak Monitoring: UNKNOWN AGENCY Tank Piping: UNKNOWN Tank Age: NOT REPORTED Tank Material: UNKNOWN Tank Size (Units): NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID: INV-ID19-003042  CORTESE / SRC# 2298  ANGELES CHEMICAL CO. 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID: INV-ID19-003042  CORTESE / SRC# 2298  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	Tank Size (Units):	NOT REPORTED (GALLONS)	rank material:	CHICACAMA
Tank Age:  Tank Age:  NOT REPORTED Tank Material:  NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID:  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID:  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	Tank ID:	34U	Tank Status:	ACTIVEAN SERVICE
Tank Age: NOT REPORTED TANK PIPING: UNKNOWN  Tank Size (Units): NOT REPORTED (GALLONS)  CORTESE / SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID: INV-ID19-003042  CORTESE / SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID: INV-ID19-003042  CORTESE / SRC# 2298  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	Tank Contents:		Leak Monitoring:	UNKNOWN
Tank Size (Units): NOT REPORTED (GALLONS)  Tank Material: UNKNOWN  CORTESE / SRC# 2298  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID:  CORTESE / SRC# 2298  EPA/Agency ID: N/A  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE  EPA/Agency ID: N/A  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	Tank Ago:		Tank Piping:	UNKNOWN
CORTESE / SRC# 2298    Agency Address:   ANGELES CHEMICAL COMPANY INC   8915 SORENSEN AVE   SANTA FE SPRINGS, CA 90670	_		Tank Material:	UNKNOWN
Agency Address:  ANGELES CHEMICAL COMPANY INC 8915 SORENSEN AVE SANTA FE SPRINGS, CA 90670  CALSITE Site ID:  CORTESE / SRC# 2298  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	<del></del>	· · · · · · · · · · · · · · · · · · ·	EPA/A	Agency ID: N/A
SANTA FE SPRINGS, CA 90670     List Name:   CALSITE     Site ID:   INV-ID19-003042     CORTESE / SRC# 2298   EPA/Agency ID:   N/A     Agency Address:   ANGELES CHEMICAL CO.     8915 SORENSEN AVE		ANGE	LES CHEMICAL COMPANY INC	<del>V</del>
List Name: CALSITE     Site ID: INV-ID19-003042     CORTESE / SRC# 2298   EPA/Agency ID: N/A     Agency Address:				
Site ID: INV-ID19-003042  CORTESE / SRC# 2298 EPA/Agency ID: N/A  Agency Address: ANGELES CHEMICAL CO. 8915 SORENSEN AVE	List Name			
CORTESE / SRC# 2298 EPA/Agency ID: N/A Agency Address:  ANGELES CHEMICAL CO. 8915 SORENSEN AVE			••=	
Agency Address:  ANGELES CHEMICAL CO. 8915 SORENSEN AVE	<del></del>	98	IEPA/A	Agency ID: N/A
8915 SORENSEN AVE	<del></del>	ANGE	LES CHEMICAL CO.	- Living and the second
SANTA FE SPRINGS, CA 90670 List Name: LEAKING TANK	List Name:		• • • • • • • • • • • • • • • • • • • •	
Site ID: INV-ID -				

VISTA H H MACHINE CO			1	VISTA ID#.		1160309	
Address*:	8612 N	DRWALK BLVD		1	Distance	/Direction:	0.22 MI / NW
	WHITTIER, CA 90606			Plotted as:		is:	Point
STATE UST -	State Ur	derground Storage Ta	ink / SRC	# 1612	PA/Age	ency ID:	N/A
Agency Addi Underground Abovegroun	d Tanks: d Tanks	9 V 1	HH MACHINE 1612 NORWA VHITTIER, CA 1 IOT REPORT	ALK A TED			
Tanks Remo	ved:	Λ	IOT REPORT	TED			
Tank ID: Tank Conten	nts:	1U REPORTED AS "UNKNOWN" AGENCY	BY	Tank Status: Leak Monito	ring:	ACTIVEAN SE UNKNOWN UNKNOWN	RVICE
Tank Age: Tank Size (U	Inits):	NOT REPORTED  NOT REPORTED (GALLONS)	)	Tank Piping: Tank Materia		UNKNOWN	

**DICE 01970** 

Map ID 14



\* VISTA address includes enhanced city and ZIP.
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.
Report ID: 113596-001
Date of Report: September 3, 1996

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VISTA Address*:	VANDENBERG AFB 8815 SORENSEN S. SANTA FE SPRINGS, C	A 90670	VISTA ID#: Distance/Direction: Plotted as:	5356622 0.23 MI / E Point		15A
CORTESE /	SRC# 2298		EPA/Agency ID:	N/A -	,	
Agency Ad		VANDENBERG AFB 8815 SORENSEN S. SANTA FE SPRINGS, C. LEAKING TANK	A 906700000			·
1		**********				i

Site ID:		INV-ID19-007195		<u> </u>
VISTA	PLAS-TAL MFG CO		VISTA ID#:	5718420
Address*:	8815 S SORENSEN AVE		Distance/Direction:	D.23 MI / E
	SANTA FE SPRINGS, CA	90670	Plotted as:	Point
STATELUS	ST - State Leaking Undergroun		Agency ID:	R-22676
3056	or othe Leaking Gridergroun	a ololage faller ollow	, igono, is:	11 22010
Agency A		PLAS-TAL MFG CO 8815 S SORENSEN AVE NOT IN A CITY, CA 90670		
Tank State	·· <del>- ·</del>	NOT AVAILABLE		
Media Affe	- · ·	SOIL/SAND/LAND		
Substance		GASOLINE (UNSPECIFIED)		
Leak Caus	·	UNAVAILABLE		
Remedial		EXCAVATE DISPOSE	2.40. ETC	
Remedial		CASE CLOSED/CLEANUP C	OMPLETE	
Remedial	Status 2:	NOT AVAILABLE		
	t Reported:	Discovery Date, Quantity (Uni		
Regional L SRC# 3104	UST - Regional Leaking Under	ground Storage Tank /	Agency ID:	R-22676
Agency A	ddress:	PLAS-TAL MFG. CO. 8815 SORENSEN AVE S SANTA FE SPRINGS, CA 900	670	
Tank State	us:	NOT AVAILABLE		
Discovery	Date:	AUGUST 8, 1995		
Media Aff	ected:	SOIL/SAND/LAND		
Substance	e:	GASOLINE (UNSPECIFIED)		
Leak Caus	se:	UNAVAILABLE		
Remedial	Action:	NOT AVAILABLE		
Remedial		CASE CLOSED/CLEANUP C	COMPLETE	
Domodial	Ctatus 2	MOT AVAILABLE		

VISTA :	SO PA	CIFIC TRANS CO			/ISTA II	D#:	4043436	Map ID
Address*:	8834 S	ORENSON:	• •	] ا	Distance	e/Direction:	0.24 MI / E	
** *		FE SPRINGS, C	A 90670	F	Plotted	as:	Point	15E
		nderground Storage		C# 1612	PA/Ag	ency ID:	N/A	
Agency Add			8834 SORE	SPRINGS, CA				
Underground Abovegroun			NOT REPO					
Tanks Remo		•	NOT REPO					ļ
Tank ID:		1U		Tank Status:		NOT AVAILAL	BLE	
Tank Conten	nts:	NOT REPORTED		Leak Monitor	ring:	UNKNOWN		
Tank Age:		NOT REPORTED		Tank Piping:	-	NOT AVAILAI	BLE	
Tank Size (U	Inits):	NOT REPORTED (NOT A	AVAILABLE)	Tank Materia		NOT AVAILA	BLE	}

Quantity (Units), Leak Source

NOT AVAILABLE



Remedial Status 2:

Fields Not Reported:

DICE 01971

Map ID

\* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Date of Report: September 3, 1996

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VISTA CAL WESTE	DAI DAINT CO	)DD	VISTA ID#:	15315
		21 NF	Distance/Direction:	0.24 MI / NE
Address* 11748 SLAUS		90670	Plotted as:	Point
	PRINGS, CA	30070	CDA ID:	CAD000000717
CERCLIS / SRC# 2977		CAME AD ADDIVE	EPA ID:	CAD008300717 ·
Agency Address:		SAME AS ABOVE		_
NPL Status:		NOT A PROPOSED, CURRI	ENT, OR DELETED NPL SIL	Ė
Site Ownership:		UNKNOWN		
Lead Agency:		NOT AVAILABLE		
Site Description:		NOT REPORTED		
	Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY EPA FU	IND-FINANCED	UNKNOWN	NOT REPORTED	AUGUST 1, 1980
PRELIMINARY STATE,	FUND FINANCED	NO FURTER REMEDIAL	MAY 1, 1984	OCTOBER 1, 1986
ASSESSMENT		ACTION PLANNED		
Regional CERCLIS / SRC# 2	2462	<del></del>	EPA ID:	CAD008300717
Agency Address:	. 102	SAME AS ABOVE		10,10000001
Regional Utility Description	n:			<del></del>
SOLVENTS				
Regional CERCLIS / SRC# 2	2462		EPA ID:	CAD008300717
Agency Address:		SAME AS ABOVE		
Regional Utility Description	n:			
ORGANICS				
Regional CERCLIS / SRC# 2	2462		EPA ID:	CAD008300717
Agency Address:		SAME AS ABOVE		
Regional Utility Description	n:			
LANDFILL Regional CERCLIS / SRC# 2	1463		EPAID:	CAD008300717
Agency Address:	402	SAME AS ABOVE	LI AID.	TCAD000300717
Regional Utility Description	n·			<del> </del>
INORGANICS	II	<del></del>		
Regional CERCLIS / SRC# 2	2462		EPAID:	ICAD008300717
Agency Address:		SAME AS ABOVE		
Regional Utility Descriptio	n:	······································		
OTHER: SOLVENTS RECLAIMER				
Regional CERCLIS / SRC# 2	2462		EPA ID:	CAD008300717
Agency Address:		SAME AS ABOVE		
Regional Utility Descriptio	n:			
RCRA REGULATED: GENERATOR		N FILE.	ICOAID:	TCAD000200747
Regional CERCLIS / SRC# 2	2402	SAME AS ABOVE	EPA ID:	CAD008300717
Agency Address:		SAME AS ABOVE		
Regional Utility Descriptio	n:			
Regional CERCLIS / SRC# 2	2462	·	EPA ID:	CAD008300717
Agency Address:		SAME AS ABOVE	12	10,000000111
Regional Utility Descriptio	n:	· ··· <u> </u>		
NOTIS (103C) SITE				
Regional CERCLIS / SRC# 2	2462		EPA ID:	CAD008300717
Agency Address:		SAME AS ABOVE		············
Regional Utility Descriptio	n:			
UNDERGROUND TANK-4 TANKS 2	000-8000 GAL EA (	CONTAINGPAINT THINNER		
Regional CERCLIS / SRC# 2	2462		EPA ID:	CAD008300717
Agency Address:		SAME AS ABOVE		
Regional Utility Description				
OTHER: MFG OIL AND WATER-BA	SED PAINTS			

**DICE 01972** 

Map ID

16A



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			7-7-7-		T
Regional CERCLIS / :			EPA ID:		CAD008300717
Agency Address:		SAME AS ABOVE		··	
Regional Utility Des	cription:		OLEAN.	<del></del>	
	ES, PAINT SLUDGE, LATEX SI	LUDGE, SOLVENTS	CLEAN EPA ID:	<del> </del>	CAD008300717
Regional CERCLIS / !		SAME AS ABOVE	JEFA IU.	<del>-</del>	TCVD000300111
Agency Address:		SAME AS ABOVE			<del></del>
Regional Utility Des	cription:			- <del>-</del>	
	nt CERCLIS List / SRC	# 2825	Agency	ID:	19280375
Agency Address:		CAL WESTERN PAI			110200010
Agency Address.		11748 SLAUSON A			
- 771 - 7		SANTA FE SPRING:	S, CA 90670		
Facility Type:		NOT AVAILABLE			
Lead Agency:		NOT AVAILABLE	ON COR PICO		
State Status:		NO FURTHER ACTI	ON FOR DISC		
Pollutant 1:		LATEX WASTE	CALT ANGLINES		
Pollutant 2:		UNSPECIFIED SOL	VENT MIXTURES		
Pollutant 3:		UNKNOWN			
Fields Not Reported		Status	<del></del>		
	nderground Storage Ta			ency ID:	N/A
Agency Address:		CAL WESTERN PAI 11748 E SLAUSON	NTSINC		
		SANTE FE SPRING	S, CA		
Underground Tanks	:	4			
Aboveground Tanks	s:	NOT REPORTED			
Tanks Removed:		NOT REPORTED			
Tank ID:	10	Tani	∢ Status:	ACTIVEAN S	ERVICE
Tank Contents:	REPORTED AS "UNKNOWN	"BY Leal	Monitoring:	UNKNOWN	
Tamle Assaul	AGENCY NOT REPORTED	Tani	c Piping:	UNKNOWN	
Tank Age:		Tani	k Material:	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLONS	·	01.4.	ACTIVEAN S	FRUICE
Tank ID:	ZU REPORTED AS "UNKNOWN		k Status:		ERVICE
Tank Contents:	AGENCY	Leai	k Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED		k Piping:	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLONS	Tan!	k Material:	UNKNOWN	
Tank ID:	3 <i>U</i>	<del></del>	k Status:	ACTIVEAN S	ERVICE
Tank Contents:	REPORTED AS "UNKNOWN		k Monitoring:	UNKNOWN	
	AGENCY		k Piping:	UNKNOWN	
Tank Age:	NOT REPORTED	Tan	k Material:	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLONS	·····			
Tank ID:	4U		k Status:	ACTIVEAN S	ERVICE
Tank Contents:	REPORTED AS "UNKNOWN AGENCY	LCui	k Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED	Tan	k Piping:	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLONS	Tani	k Material:	UNKNOWN	
Frank Size (Unit(S):	THE PROPERTY OF THE PROPERTY O	,			

VISTA Address*:	WESTERN SCREW PRODUCTS #1 11770 SLAUSON AVE E. SANTA FE SPRINGS, CA 90670	VISTA ID#. Distance/Direction: Plotted as:	5357834 0.24 MI / NE Point
CORTESE /	SRC# 2298	EPA/Agency ID:	N/A

Map ID 16B

Agency Address:

WESTERN SCREW PRODUCTS #1 11770 SLAUSON AVE E. SANTA FE SPRINGS, CA 906700000

CALSITE

INV-ID19-020538

List Name: Site ID:



VISTA WESTERN SCREW PROD	OUCTS	VISTA ID#:	465500
Address*: 11770 - 11780 SLAUSON	BI VD	Distance/Direction:	0.24 MI / NE
SANTA FE SPRINGS, CA	and the first of t	Plotted as:	Point
CERCLIS / SRC# 2977		EPA ID:	CAD981401706 ·
Agency Address:	SAME AS ABOVE	14	15.15001.151.00
NPL Status:	NOT A PROPOSED. CURR	RENT, OR DELETED NPL SIT	E
Site Ownership:	UNKNOWN	, <u>-</u>	
	NOT AVAILABLE		
Lead Agency:	NOT REPORTED		
Site Description:		Start Date:	Completion Date:
Event Type: Lead Agency:  DISCOVERY STATE, FUND FINANCED	Event Status:	NOT REPORTED	Completion Date: SEPTEMBER 1, 1986
DIOUSTER! SIMPLE SIMPLE	0747,4107771	MOTTICE ON LED	02. 72. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
PRELIMINARY STATE, FUND FINANCED ASSESSMENT	UNKNOWN	SEPTEMBER 1, 1986	JANUARY 1, 1987
PRELIMINARY EPA FUND-FINANCED ASSESSMENT	NO FURTER REMEDIAL ACTION PLANNED	NOT REPORTED	JANUARY 18, 1989
Regional CERCLIS / SRC# 2462		EPA ID:	CAD981401706
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
DRUMS, ABOVE GROUND		TED 4 10	1040004404700
Regional CERCLIS / SRC# 2462	SAME AS ABOVE	EPA ID:	CAD981401706
Agency Address:	SAME AS ABOVE		
Regional Utility Description: OTHER: ROLL-OFF BIN			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD981401706
Agency Address:	SAME AS ABOVE		.1=
Regional Utility Description:			
OILY WASTE - CUTTING OILS			
Regional CERCLIS / SRC# 2462	<u>-</u>	EPA ID:	CAD981401706
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
OTHER-TRIM-SOL, DUPONT FREON 1, RECON 11 Regional CERCLIS / SRC# 2462		IEPA ID:	CAD981401706
Agency Address:	SAME AS ABOVE	ILI A IU.	TCAD301401700
Regional Utility Description:			
RCRA REG GEN			
Regional CERCLIS / SRC# 2462		EPA ID:	CAD981401706
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
CALIFORNIA 3012 SITE	<del></del>	EDA ID:	040004404700
Regional CERCLIS / SRC# 2462	SAME AS ABOVE	EPA ID:	CAD981401706
Agency Address:	SAINE AG ADOVE		
Regional Utility Description: NEW CERCLIS SITE			
SCL - State Equivalent CERCLIS List / SR	C# 2825	Agency ID:	19340377
Agency Address: Facility Type:	WESTERN SCREW PROL 11770 EAST SLAUSON A SANTA FE SPRINGS, CA NOT AVAILABLE	DUCTS #1 VENUE	
Lead Agency:	NOT AVAILABLE		:
State Status:	REFERRED TO ANOTHER	RAGENCY	
Pollutant 1:	UNSPECIFIED OIL CONTA	AINING WASTE	
Pollutant 2:	HALOGENATED SOLVEN	TS	
Pollutant 3:	UNSPECIFIED AQUEQUS	SOLUTION	
Fields Not Reported:	Status		



**DICE 01974** 

Map.ID

**16B** 

VISTA E.A. M	ENDOZA INC.			VISTA ID		3768036	
A	PERKINS AVE.			Distance/		0.24 MI / W	
	IER, CA 90606			Plotted as	3.	Point	•
	Leaking Underground	Storage Tank	/SRC#	Agency IC	): 	I-16500 -	
Agency Address:		E.A. MENDOZA IN 11574 PERKINS A WHITTIER, CA 90	IVE.			<u>-</u> I.	
Tank Status:		NOT AVAILABLE					
Media Affected:		UNKNOWN					
Substance:		GASOLINE (UNSI	PECIFIED)				
Leak Cause:		UNAVAILABLE					1
Remedial Action:		NOT AVAILABLE					-
Remedial Status 1:		LEAK BEING CON	VFIRMED				
Remedial Status 2:		NOT AVAILABLE					1
Fields Not Reported		Discovery Date, Q					
Regional LUST - Reg SRC# 3104	ional Leaking Underg	round Storage	e Tank /	Agency II	):	1-16500	
Agency Address:		E A MENDOZA IN 11574 PERKINS A WHITTIER, CA 90	AVE				
Tank Status:		NOT AVAILABLE					
Discovery Date:		MAY 5, 1992	_				}
Media Affected:		SOIL/SAND/LAND	)				}
Substance:		WASTE OIL					
Leak Cause:		UNAVAILABLE					
Remedial Action:		NOT AVAILABLE		-			
Remedial Status 1:		PRELIMINARY AS NOT AVAILABLE	SOCOSMENI				
Remedial Status 2:	J.		nak Carre				İ
Fields Not Reported		Quantity (Units), L		EDA/A==	nov ID:	TNIA	
Agency Address:	nderground Storage 1	E.A. MENDOZA IN 11574 PERKINS WHITTIER, CA 90	VC.	EPA/Age	ncy ID:	N/A	
Underground Tanks		3					
Aboveground Tank	s:	NOT REPORTED					1
Tanks Removed:	44	NOT REPORTED			010050.55	140.750	
Tank ID: Tank Contents:	1U REPORTED AS "UNKNOW		nk Status		CLOSED RE	MOVED	
ight contents.	AGENCY		ak Monito	_	UNKNOWN		
Tank Age:	NOT REPORTED		nk Piping		UNKNOWN		
Tank Size (Units):	800 (GALLONS)	la	nk Materi	ai:	CINCINCINIA		
Tank ID:	2 <i>U</i>	Ta	nk Status	 ;;	CLOSED RE	MOVED	
Tank Contents:	REPORTED AS "UNKNOW!	N*BY Le	ak Monito	oring:	UNKNOWN		
Tank Aga:	AGENCY NOT REPORTED	Ta	nk Piping	j;	BARE STEEL	_	
Tank Age:	100 (GALLONS)		nk Materi		BARE STEEL	<u>.</u>	Ì
Tank Size (Units): Tank ID:	3U		-1- C4-4		CLOSED RE	MOVEO	
	REPORTED AS "UNKNOW		nk Status		UNKNOWN	.WUVED	1
Tank Contents:	AGENCY		ak Monito	-	BARE STEEL	,	
		Ja	DK PIDIDO		DAKE SIEE	-	1
Tank Age:	NOT REPORTED		nk Piping nk Materi		BARE STEEL		1



CORTESE / SRC# 2298		EPA/Agency ID:	N/A		
Agency Address:	E.A. MENDOZA INC. 11574 PERKINS AVE WHITTIER, CA 90601				
List Name:	LEAKING TANK			-	
Site ID:	INV-ID19-003612				

Site ID.				
	E INSP SERVICE INC		VISTA ID#:	1161989
Address*: 9110 E	DICE		Distance/Direction:	0.25 MI / S
- Hill 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	A FE SPRINGS, CA 90670		Plotted as:	Point
STATE UST - State U	nderground Storage Tank / S	RC# 1612	EPA/Agency ID:	N/A
Agency Address:	9110 DIC	NSP SERVICE INC E E SPRINGS, CA		
Underground Tanks	s: 2			
Aboveground Tank	s: NOTREF	ORTED		
Tanks Removed:	NOT REF	PORTED		
Tank ID:	10	Tank Status	ACTIVEAN	SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY	Leak Monit	oring: UNKNOWN	
T1. A	AGENCY NOT REPORTED	Tank Piping	g: UNKNOWN	
Tank Age:	· · ·	Tank Mater		
Tank Size (Units):	NOT REPORTED (GALLONS)		1070/511	05D1405
Tank ID:	2U	Tank Statu:		_
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monit	•	
Tank Age:	NOT REPORTED	Tank Piping	-	
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Mater	ial: UNKNOWN	



Map ID

VISTA DICE ROAD		VISTA ID#	5435856	Map ID
Address*: 9165 DICE ROAD		Distance/Direction:	0.29 MI/S	
SANTA FE SPRINGS, CA		Plotted as:	Point	18
WMUDS / SRC# 2463		Agency ID:	4 190281NUR	- L
Agency Address:	SAME AS ABOVE			7
Solid Waste Inventory System ID:	NOT REPORTED			
Facility Type:	Not reported			1
Facility In State Board Waste Discharger	NO			
System:				
Chapter 15 Facility:	NO			
Solid Waste Assessment Test Facility:	YES			
Toxic Pits Cleanup Act Facility:	NO			
RCRA Facility:	NO			!
Department of Defense Facility:	NO			
Open To Public:	NO			[
Number Of Waste Management Units:	1			
Threat To Water:	Not reported			1
Complexity:	Not reported			ł
Facilty Status:	Not reported			!
Waste 1 (Nature/Type):	NOT REPORTED			
Waste 2 (Nature/Type):	NOT REPORTED			}
Rank:	11			
Enforcements At Facility:	NO			
Violations At Facility:	NO			
VISTA DICE ROAD		VISTA ID#:	4824476	Map IO
Address*		Distance/Direction:	0.29 ML/S	-

VISTA Address*:	DICE ROAD		VISTA ID#: Distance/Directio	1824476 n: 0.29 MI / S	Map ID
Address	9165 DICE ROAD SANTA FE SPRINGS	, CA 906 <b>70</b>	Plotted as:	Point	18
County SWL	F - County Solid Waste I	andfill / SRC# 2783	Agency ID:	19-AI-5011	
Agency Ad	dress:	DICE ROAD 9165 DICE ROAD			

Facility Class:
Facility Type:
SANTA FE SPRINGS, CA
REGULAR LANDFILL
SANITARY LANDFILL
Public Status:
CLOSED

Public Status: CLOSED

Solid Waste Status: INACTIVE/CLOSED

SWIS Permit Status: INACTIVE

VISTA	DICE RD LOS NIETOS RD DUMP	VISTA ID#.	121556	Map ID
Address*:	9165 DICE RD SANTA FE SPRINGS, CA 90670	Distance/Direction: Plotted as:	0.29 MI / S Point	18
CERCLIS / S	RC# 2977	EPA ID:	CAD980884860	į L

CERCLIS / SRC# 2977

Agency Address:

NPL Status:

Site Ownership:

Lead Agency:

NOT A PROPOSED, CURRENT, OR DELETED NPL SITE

UNKNOWN

Lead Agency:

NOT AVAILABLE

Site Description:

NOT REPORTED



Event Type:	Lead Agency: STATE, FUND FINANCED	Event Status:	Start Date:	Completion Date:
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	JULY 1, 1985
PRELIMINARY	STATE, FUND FINANCED	UNKNOWN	JULY 1, 1985	JULY 1, 1986
ASSESSMENT				
PRELIMINARY	EPA FUND-FINANCED	NO FURTER REMEDIAL	NOT REPORTED	FEBRUARY 22, 1989
ASSESSMENT		ACTION PLANNED		
Regional CERCLIS	S / SRC# 2462	<del></del>	EPA ID:	CAD980884860
Agency Address:		SAME AS ABOVE		10,12000
Regional Utility D				
OTHER: RUBBISH, TRA	ASH			
Regional CERCLIS	S / SRC# 2462		EPA ID:	CAD980884860
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
OTHER: LAND DSPL	1000"0100		JEDA ID.	1040000004000
Regional CERCLIS		SAME AS ABOVE	EPA ID:	CAD980884860
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:		·	
Regional CERCLIS			EPA ID	CAD980884860
Agency Address:		SAME AS ABOVE	12	10.1000000
Regional Utility D				
NEW ERRIS SITE				
Regional CERCLIS	S / SRC# 2462		EPA ID:	CAD980884860
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
CALL CITY CONTACT	DURING SUMMER '87 TO CHE	K ON SAMPLE RESULTS.	TERA IS	1045000004000
Regional CERCLIS		0445 40 40016	EPA ID:	CAD980884860
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
SCL - State Equiv	alent CERCLIS List / SR	C# 2825	Agency (D:	19490148
Agency Address:		DICE ROAD/LOS NIETOS		119430140
Agency Address.	•	9165 DICE ROAD		
		SANTA FE SPRINGS, CA	90670	
Facility Type:		NOT AVAILABLE		
Lead Agency:		NOT AVAILABLE		
State Status:		NO FURTHER ACTION F	OR DTSC	
Pollutant 1:		DRILLING MUD/CHEMICA	als	
Pollutant 2:		OTHER ORGANIC SOLID	S	
Pollutant 3:		UNSPECIFIED OIL CONT.	AINING WASTE	
Fields Not Repor	ted:	Status		

VISTA	MCKESSON CH	IEMICAL COMPANY	VISTA ID#:	1188537
Address*:	9005 SORENSE	and the second of the second o	Distance/Direction:	0.26 MI / SE
		RINGS, CA 90670	Plotted as:	Point
SPL - State	<b>Equivalent Priority</b>	List / SRC# 2826	Agency ID:	19280440
Agency Ad	dress:	SAME AS ABOVE		
Status:		NON-NPL SITE		
Facility Ty	pe:	NOT AVAILABLE		
Lead Ager		DEPT OF TOXIC SUB	STANCES CONTROL	
State State		ANNUAL WORK PLAI	N	
Pollutant 1	l:	TETRAETHYL LEAD	SLUDGE	
Pollutant 2	2:	UNSPECIFIED SOLV	ENT MIXTURES	
Pollutant 3	3:	HYDROCARBON SO	LVENTS	

**DICE 01978** 



\* VISTA address includes enhanced city and ZIP.

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Map ID

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STATE LUST - State Leaking Und	derground Storage Tank / SRC#	Agency ID:	R-02130
3056		l	
Agency Address:	MCKESSON CHEMICAL COM 9005 SORENSEN AVENUE SANTA FE SPRI, CA 90670	1PANY	
Tank Status:	NOT AVAILABLE		
Media Affected:	UNKNOWN		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Substance, Q	uantity (Units), Leak Sou	ırce
Regional LUST - Regional Leakir	ng Underground Storage Tank /	Agency ID:	R-02130
SRC# 3104			1
Agency Address:	MCKESSON CHEMICAL COM 9005 SORENSON AVE S SANTA FE SPRINGS, CA 906		
Tank Status:	NOT AVAILABLE		
Discovery Date:	DECEMBER 11, 1995		
Media Affected:	UNKNOWN		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	LEAK BEING CONFIRMED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Substance, Quantity (Units), L	eak Source	
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	MCKESSON CHEMICAL COM 9005 SORENSEN AVE SANTA FE SPRINGS, CA 906		
List Name:	CALSITE		
Site ID:	INV-ID19-029592		

FORE	MOST MCKESSON	INC	VISTA ID#:	156385
9005 S	ORENSEN AVE		Distance/Direction:	0.26 MI / SE
1		90670	Plotted as:	Point
RC# 297	7		EPA ID:	CAD060395753
dress:		SAME AS ABOVE		
:		NOT A PROPOSED, CUR	RENT, OR DELETED NPL SIT	E
ship:		UNKNOWN		
cy:		NO DETERMINATION		
ption:		NOT REPORTED		
:	Lead Agency:	Event Status:	Start Date:	Completion Date:
	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	AUGUST 1, 1980
	STATE, FUND FINANCED	UNKNOWN	MAY 1, 1984	AUGUST 1, 1984
ITE	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	SEPTEMBER 1, 1986
ITE	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	SEPTEMBER 10, 1990
	9005 S SANTA BRC# 297 dress: :: ship: cy: ption:	9005 SORENSEN AVE SANTA FE SPRINGS, CA SRC# 2977 dress: :: ship: cy: ption: :: Lead Agency: EPA FUND-FINANCED  STATE, FUND FINANCED	SANTA FE SPRINGS, CA 90670  SRC# 2977  dress:  SAME AS ABOVE NOT A PROPOSED, CUR Ship: UNKNOWN NO DETERMINATION NOT REPORTED  ELead Agency: EPA FUND-FINANCED UNKNOWN  STATE, FUND FINANCED UNKNOWN  STATE EPA FUND-FINANCED UNKNOWN	9005 SORENSEN AVE SANTA FE SPRINGS, CA 90670  Plotted as:  Plotted as:  Plotted as:  Plotted as:  Plotted as:  EPA ID:  SAME AS ABOVE NOT A PROPOSED, CURRENT, OR DELETED NPL SIT Ship: UNKNOWN CY: NO DETERMINATION NOT REPORTED  Lead Agency: EVent Status: Start Date: NOT REPORTED  STATE, FUND FINANCED UNKNOWN NOT REPORTED  STATE EPA FUND-FINANCED UNKNOWN NOT REPORTED

**DICE 01979** 

Map 10



Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
SCREENING SITE INSPECTION	EPA FUND-FINANCED	NO FURTER REMEDIAL ACTION PLANNED	NOT REPORTED	OCTOBER 11, 1991
Regional CERCLIS	/ SRC# 2462		EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription: ND IGNITABLE WASTES			
Regional CERCLIS			EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
TANKS				T
Regional CERCLIS		·	EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
Regional CERCLIS	/ SRC# 2462		EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D				
Regional CERCLIS	S / SRC# 2462		EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
HAZARD TARGET GRO	UNDWATER: POTENTIAL			
Regional CERCLIS	3 / SRC# 2462		EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
DRUMS, ABOVE GROU				
Regional CERCLIS			EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription: ENERATOR, TRANSPORTER			
RCRA REGULATED: G	ENERATOR, TRANSPORTER	(NON HANDLER) SEE NOTIF	FIC	
Regional CERCLIS		0145	EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
ATIONFILE	1 CDC# 24C2	<del></del>	TCOA 10:	CAD060305753
Regional CERCLIS		SAME AS ABOVE	EPA ID:	CAD060395753
Agency Address:		SAME AS ABOVE		
Regional Utility D	escription:			
INUTIO TUSIC) SITE				



CORRACTS / SRC# 3057	EPA ID:	CAD060395753
Agency Address:	FOREMOST MCKESSON INC CHEM DIV	
	9005 SORENSON AVE SANTA FE SPRINGS, CA 90670	
Prioritization Status:	MEDIUM	_ ,
RCRA Facility Assessment Completed:	YES	
Notice of Contamination:	NO	
Determination of need For a RFI (RCRA	NO	
Facility Investigation):		1
RFI Imposed:	YES	
RFI Workplan Notice of Deficiency	NO	
Issued:		
RFI Workplan Approved:	NO	
RFI Report Received:	NO	
RFI Approved:	YES	
No Further Corrective Action at this	NO	
Time:		
Stabilization Mesaures Evaluation:	YES	
CMS (Corrective Measure Study)	YES	
Imposition:		
CMS Workplan Approved:	NO	
CMS Report Received:	NO	
CMS Approved:	YES	
Date for Remedy Selection (CM	YES	
Imposed):		
Corrective Measures Design Approved:	YES	
Corrective Measures Investigation	YES	ļ
Workplan Approved:		,
Certification of Remedy Completion:	NO	
Stabilization Measures Implementation:	YES	
Stabilization Measures Completed:	YES	
Corrective Action Process Termination:	NO	104500005750
RCRA-TSD / SRC# 3057	EPA ID:	CAD060395753
Agency Address:	9005 SORENSON AVE	
	SANTA FE SPRINGS, CA 90670	
Off-Site Waste Received:	NO	
Land Disposal:	NO	
Incinerator:	NO	ļ
Storage/Treatment:	NO	



VISTA PETERSON/PURITAN INC VISTA ID#: 327119 Address\*: Distance/Direction: 0.31 MI / SE 9101 S SORENSEN AVE Plotted as: Point: SANTA FE SPRINGS, CA 90670 906700016C STATE LUST - State Leaking Underground Storage Tank / SRC# Agency ID: PETERSON/PURITAN INC Agency Address: 9101 S SORENSEN AVE SANTA FE SPRI, CA 90670 NOT AVAILABLE Tank Status: SOIL/SAND/LAND Media Affected: SOLVENTS Substance: UNAVAILABLE Leak Cause: **NOT AVAILABLE** Remedial Action: Remedial Status 1: CASE CLOSED/CLEANUP COMPLETE **NOT AVAILABLE** Remedial Status 2: Fields Not Reported: Discovery Date, Quantity (Units), Leak Source Regional LUST - Regional Leaking Underground Storage Tank / Agency ID: 906700016 SRC# 3104 PETERSON/PURITAN INC Agency Address: 9101 SORENSEN AVE S SANTA FE SPRINGS, CA 90670 NOT AVAILABLE Tank Status: FEBRUARY 20, 1985 Discovery Date: Media Affected: SOIL/SAND/LAND SOLVENTS Substance: UNAVAILABLE Leak Cause: Remedial Action: NOT AVAILABLE CASE CLOSED/CLEANUP COMPLETE Remedial Status 1: NOT AVAILABLE Remedial Status 2: Quantity (Units), Leak Source Fields Not Reported:

Address* 11515 E SLAUSON	VISTA ID#: Distance/Direction: Plotted as:	0.27 MI / NW Point	Map ID 20
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056	Agency ID:	1-05612	L
Agency Address: SAME AS ABOVE	·		

Agency Address:

Tank Status:

NOT AVAILABLE

Media Affected:

GROUNDWATER

Substance: Leak Cause: GASOLINE (UNSPECIFIED)

Remedial Action:

UNAVAILABLE EXCAVATE DISPOSE

Remedial Status 1:

MONITORING

Remedial Status 2:

**NOT AVAILABLE** 

Fields Not Reported:

Discovery Date, Quantity (Units), Leak Source

**DICE 01982** 

Map ID

\* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 113596-001 Date of Report: September 3, 1996 Version 2.4.1 Page #62

Regional LUST - Regional <mark>Leakir</mark> SRC# 3104	ng Underground Storage Tank /	Agency ID:	J-05612
Agency Address:	SHELL #204-8454-1600 11515 SLAUSON AVE E WHITTIER, CA 90606	<u></u>	
Tank Status:	NOT AVAILABLE		
Discovery Date:	APRIL 1, 1993		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	MONITORING		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units), Leak Source	9	
ORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	SHELL # 11515 SLAUSON WHITTIER, CA 90604		
List Name:	LEAKING TANK		
Site ID:	INV-ID19-002048		

VISTA CIRCLE K COF	RPORATION	VISTA ID#:	2749552
Address*: 11462 SLAUSO	ON AVENUE E.	Distance/Direction:	0.32 MI / NW
\	RINGS, CA 90670	Plotted as:	Point
	Underground Storage Tank / SRC#	Agency ID:	000312
3056	<b>5</b>	- '	
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	UNKNOWN		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1: NO ACTION TAKEN BY RESPONSIBLE PARTY			
Remedial Status 2: NOT AVAILABLE			
Fields Not Reported:	Discovery Date, Quantity (Uni-	ts), Leak Source	
	aking Underground Storage Tank /	Agency ID:	000312
SRC# 3104			
Agency Address:	CIRCLE K 11462 SLAUSON AVE F		
	SANTA FE SPRINGS, CA 908	570	
Tank Status:	NOT AVAILABLE		
Discovery Date:	JUNE 24, 1986		
Media Affected:	UNKNOWN	•	
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	NO ACTION TAKEN BY RESI	PONSIBLE PARTY	
Remedial Status 1: Remedial Status 2:	NO ACTION TAKEN BY RESI NOT AVAILABLE	PONSIBLE PARTY	

**DICE 01983** 

Map ID



VISTA	CALAVAR CORP		VISTA ID#	65745	Ma
Address*:	9200 SORENSEN AVE		Distance/Direction:	0.36 MI / SE	
-	SANTA FE SPRINGS, CA	90670	Plotted as:	Point	2
STATE LUST	- State Leaking Undergrour		Agency ID:	1-06744 -	;  <u> </u>
3056		·.			i
Agency Ade	dress:	CALAVAR CORP			1
		9200 SORENSEN AVE SANTA FE SPRI, CA 90670			
Tank Status	s·	NOT AVAILABLE			1
Media Affec	= =	SOIL/SAND/LAND			
Substance:	1	GASOLINE (UNSPECIFIED)			1
Leak Cause	e:	UNAVAILABLE			
Remedial A	Action:	NOT AVAILABLE			
Remedial S	Status 1:	PRELIMINARY ASSESSMEN	Τ		1
Remedial S	Status 2:	NOT AVAILABLE			
Fields Not I	Reported:	Discovery Date, Quantity (Uni	ts), Leak Source		1
Regional LU	ST - Regional Leaking Under	rground Storage Tank /	Agency ID:	1-06744	7
SRC# 3104	·				_
Agency Ad	dress:	CALAVAR CORP.			
1		9200 SORENSEN AVE S SANTA FE SPRINGS, CA 900	570		
Tank Status	s:	NOT AVAILABLE			
Discovery t	Date:	APRIL 29, 1992			1
Media Affe	cted:	SOIL/SAND/LAND			
Substance	:	GASOLINE (UNSPECIFIED)			
Leak Cause	e;	UNAVAILABLE			
Remedial A	Action:	NOT AVAILABLE			
Remedial S	Status 1:	PRELIMINARY ASSESSMEN	r		
Remedial S	Status 2:	NOT AVAILABLE			
Fields Not	Reported:	Quantity (Units), Leak Source			
CORTESE /	SRC# 2298		EPA/Agency ID:	N/A	]
Agency Ad	dress:	CALAVAR CORP.			
1		9200 SORENSEN AVE S. SANTA FE SPRINGS, CA 900	570		
List Name:		LEAKING TANK			
Site ID:		INV-ID19-003566			

1	1333 I 30. NORWALK BLVD.	VISTA ID#: Distance/Direction: Plotted as:	1237432 0.38 MI / SW Point
STATE LUST 3056	- State Leaking Underground Storage Tank / SRC#	Agency ID:	I-10296

Map ID

Agency Address:

TUBE SERVICE COMPANY 9351 SO. NORWALK BLVD.

SANTA FE SPRI, CA 90670 NOT AVAILABLE

Tank Status: Media Affected:

SOIL/SAND/LAND GASOLINE (UNSPECIFIED)

Substance: Leak Cause: NO ACTION TAKEN

UNAVAILABLE

Remedial Action: Remedial Status 1:

NO ACTION TAKEN BY RESPONSIBLE PARTY

NOT AVAILABLE Remedial Status 2:

Fields Not Reported:

Discovery Date, Quantity (Units), Leak Source

**DICE 01984** 



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1-10296 Regional LUST - Regional Leaking Underground Storage Tank / Agency ID: SRC# 3104 TUBE SERVICE COMPANY Agency Address: 9351 NORWALK BLVD S SANTA FE SPRINGS, CA 90670 NOT AVAILABLE Tank Status: FEBRUARY 2, 1995 Discovery Date: SOIL/SAND/LAND Media Affected: GASOLINE (UNSPECIFIED) Substance: UNAVAILABLE Leak Cause: NOT AVAILABLE Remedial Action: CASE CLOSED/CLEANUP COMPLETE Remedial Status 1: NOT AVAILABLE Remedial Status 2: Quantity (Units), Leak Source Fields Not Reported:

VISTA	FINE LINE PAINT CORP		VISTA ID#:	151703
Address*:	12200 LOS NIETOS RD	The state of the s	Distance/Direction:	0.42 MI / S
		00070	Plotted as:	Point
<u> </u>	SANTA FE SPRINGS, CA	906/0		
CERCLIS / S			EPA ID:	CAD008263048
Agency Add		SAME AS ABOVE		
NPL Status			RENT, OR DELETED NPL SITE	
Site Owners	ship:	UNKNOWN		
Lead Agend	cy:	NO DETERMINATION		
Site Descrip	otion:	NOT REPORTED		
<b>Event Type</b>	: Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	JULY 1, 1986
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	UNKNOWN	JULY 1, 1986	JANUARY 1, 1987
SCREENING SI	TE EPA FUND-FINANCED	NO FURTER REMEDIAL ACTION PLANNED	NOT REPORTED	JULY 1, 1988
⊥ Regional CE	RCLIS / SRC# 2462		EPA ID:	CAD008263048
Agency Ade	dress:	SAME AS ABOVE		
Regional U	tility Description:			
CALIFORNIA 3	012 SITE			
	RCLIS / SRC# 2462		EPA ID:	CAD008263048
Agency Ad		SAME AS ABOVE		
Regional U	tility Description:			
RCRA REGULA				T
	RCLIS / SRC# 2462		EPA ID:	CAD008263048
Agency Ad		SAME AS ABOVE		
Regional U	tility Description:			······································
DRUMS, ABOV	E GROUND		CDV 10:	TO A DO00000040
	RCLIS / SRC# 2462	SAME AS ABOVE	EPA ID:	CAD008263048
Agency Ad		SAME AS ABOVE		
Regional U	tility Description:			
	ND TANK- SOLVENTS: 3 EA	······································	EPA ID:	ICAD008263048
	RCLIS / SRC# 2462	SAME AS ABOVE	ICPAIU.	TCAD000203040
Agency Ad		JAME NO ABOVE		
Regional U	tility Description: ND TANKS- OTHER: 2 EA, RAW MATER	201001222		
	RCLIS / SRC# 2462	MALS STURAGE	EPA ID:	CAD008263048
Agency Ade		SAME AS ABOVE	ILPAID.	TC/1000203040
		OTHE NO ABOVE		······
IMPOUNDMEN	tility Description:	<del></del>		
00/45/ME14				



**DICE 01985** 

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Map ID

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Regional CERCLIS / SRC# 2462		EPA ID:	CAD008263048		
Agency Address:	SAME AS ABOVE	<del> </del>			
Regional Utility Description:	<del></del>				
SOLVENTS					
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008263048 '		
Agency Address:	SAME AS ABOVE				
Regional Utility Description:					
ORGANICS: WASH THINNER PAINT SLUDGE Regional CERCLIS / SRC# 2462	<del></del>	EPA ID:	CAD008263048		
Agency Address:	SAME AS ABOVE	IEFA IU.	TCAD000203040		
Regional Utility Description:	CAME NO ABOVE				
NEW CERCLIS SITE	<del></del>				
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008263048		
Agency Address:	SAME AS ABOVE	<del></del>	.1.31. 7.33.1.31.3.3.1		
Regional Utility Description:		<del></del>			
SOIL CONTAMINATION: WASTEWATER DISCHARGE	ALONG RAILROAD TRACKS-				
Regional CERCLIS / SRC# 2462		EPA ID:	CAD008263048		
Agency Address:	SAME AS ABOVE				
Regional Utility Description:	<del></del>	<del></del>			
CONTAINING THANIUM		TCDA ID:	TO A DO000000000		
Regional CERCLIS / SRC# 2462	SAME AS ABOVE	EPA ID:	CAD008263048		
Agency Address:	SHIVIE AS ABOVE				
Regional Utility Description: SOIL CONTAMINATION (CONTINUED): WASTEWATER	CONTAIN INC CUROMICIA				
Regional CERCLIS / SRC# 2462	CONTAIN-ING CAROMIUM,	EPA ID:	CAD008263048		
Agency Address:	SAME AS ABOVE	ici i i i i	10,10000200010		
Regional Utility Description:					
CADMIUM, LEAD MERCURY			<u> </u>		
SCL - State Equivalent CERCLIS List / SR		Agency ID:	19280908		
Agency Address:	FINE LINE PAINT CORPORA	TION			
	12200 LOS NIETOS ROAD SANTA FE SPRINGS, CA 900	570			
Facility Type:	NOT AVAILABLE				
Lead Agency:	NOT AVAILABLE				
State Status:	REFERRED TO ANOTHER A	GENCY			
Pollutant 1:	LEAD		l		
Pollutant 2:	CHROMIUM (VI)				
Pollutant 3:	CONTAMINATED SOIL				
Fields Not Reported:	Status				
STATE LUST - State Leaking Underground	d Storage Tank / SRC#	Agency ID:	1-07632		
3056					
Agency Address:	SAME AS ABOVE				
Tank Status:	NOT AVAILABLE				
Media Affected:	GROUNDWATER				
Substance:	GASOLINE (UNSPECIFIED)				
Leak Cause:	UNAVAILABLE				
Remedial Action:	NOT AVAILABLE				
Remedial Status 1:	CASE CLOSED/CLEANUP C	OMPLETE			
Remedial Status 2:	NOT AVAILABLE				
Fields Not Reported:	Tombala Status E.				



Regional LUST - Regional Leakir SRC# 3104	ig Underground Storage Tank /	Agency ID:	1-07632
Agency Address:	FINELINE PAINT CORP. 12200 LOS NIETOS RD E SANTA FE SPRINGS, CA 90	670	
Tank Status:	NOT AVAILABLE		
Discovery Date:	FEBRUARY 25, 1992		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	CASE CLOSED/CLEANUP C	COMPLETE	
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Quantity (Units), Leak Source	•	
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	FINELINE PAINT CORP. 12200 LOS NIETOS RD E. SANTA FE SPRINGS, CA 90	670	
List Name:	LEAKING TANK		
Site ID:	INV-ID19-003468		

VISTA	CALIFORNIA	A CORRUGATED	VISTA ID#:	4032431
Address*:	11600 LOS		Distance/Direction:	0.43 MI / W
	•	SPRINGS, CA 90670	Plotted as:	Point
STATE LUS		ng Underground Storage Tank / SRC#	Agency ID:	1-03283
3056				<u> </u>
Agency Ad		CALIFORNIA CORRUGATED 11600 E LOS NIETOS SANTE FE SPRINGS, CA 906 NOT AVAILABLE		
Media Affe	cted:	SOIL/SAND/LAND		
Substance	:	HYDROCARBONS		
Leak Caus	e:	UNAVAILABLE		
Remedial A	Action:	OTHER		
Remedial S	Status 1:	LEAK BEING CONFIRMED		
Remedial 9	Status 2:	NOT AVAILABLE		
Fields Not		Discovery Date, Quantity (Uni		
Regional LU SRC# 3104	JST - Regional I	Leaking Underground Storage Tank I	Agency ID:	1-03283
Agency Ad		CALIFORNIA CORRUGATED 11600 LOS NIETOS RD E SANTA FE SPRINGS, CA 906		
Tank Statu		NOT AVAILABLE		
Discovery		JUNE 17, 1993		
Media Affe		SOIL/SAND/LAND		
Substance	•••	HYDROCARBONS		
Leak Caus		UNAVAILABLE		
Remedial A		NOT AVAILABLE		
Remedial S		LEAK BEING CONFIRMED		
Remedial S		NOT AVAILABLE		
Fields Not		Quantity (Units), Leak Source	,	
CORTESE /		0.4.1500.444.0	EPA/Agency ID:	N/A
Agency Ad		CALIFORNIA CORRÜGATED 11600 LOS NIETOS RD E. SANTA ESTANIOS, CA 900		
List Name:	•	LEAKING TANK		



Map ID



Site ID:

INV-ID19-003907

\* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 113596-001

Date of Report: September 3, 1996 Report ID: 113596-001 Version 2.4.1

VISTA CA	L-TRON PLATING, INC		VISTA ID#:	66594
	19 EAST RIVERA ROA		Distance/Direction:	0.46 MI / NE
	NTA FE SPRINGS, CA		Plotted as:	Point
SCL - State Equi	valent CERCLIS List / SRC	C# 2825	Agency ID:	19340340 - ,
Agency Addres	s:	SAME AS ABOVE		
Facility Type:		NOT AVAILABLE		
Lead Agency:		NOT AVAILABLE		
State Status:		REFERRED TO ANOTHER AC	GENCY	
Pollutant 1:		UNKNOWN		
Pollutant 2:		UNKNOWN		
Pollutant 3:		UNKNOWN		
Fields Not Repo	orted:	Status		

<u> </u>			~ <del></del>	<del></del>
VISTA	U.S. GYPSUM COMPANY		VISTA ID#:	1158976
Address*:	9306 SORENSEN		Distance/Direction:	0.47 MI / SE
	SANTA FE SPRINGS, CA	90670	Plotted as:	Point
STATE LUS	T - State Leaking Undergroun		Agency ID:	1-006134-
3056	<b>gg</b>		}	
Agency Ad	dress:	U.S. GYPSUM COMPANY 9306 SORENSEN SANTA FE SPRI, CA 90670		
Tank Statu	s:	NOT AVAILABLE		
Media Affe	cted:	UNKNOWN		
Substance	:	DIESEL		
Leak Cause: UNAVAIL		UNAVAILABLE		
Remedial Action: NOT AVAILABLE				
Remedial S	Status 1:	CASE CLOSED/CLEANUP C	OMPLETE	
Remedial S	Status 2:	NOT AVAILABLE		
Fields Not	Reported:	Discovery Date, Quantity (Unit	ts), Leak Source	
Regional LL	JST - Regional Leaking Under	ground Storage Tank /	Agency ID:	I-06134
SRC# 3104				<u> </u>
Agency Ad	dress:	US GYPSUM CO. 9306 SORENSEN AVE SANTA FE SPRINGS, CA 906	570	
Tank Statu	s:	NOT AVAILABLE		
Discovery	Date:	FEBRUARY 9, 1990		
Media Affe	cted:	UNKNOWN		
Substance	:	DIESEL		
Leak Caus	e:	UNAVAILABLE		

**DICE 01988** 

Map ID

Map ID

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Remedial Action:

Remedial Status 1:

Remedial Status 2: Fields Not Reported: NOT AVAILABLE

NOT AVAILABLE

Quantity (Units), Leak Source

CASE CLOSED/CLEANUP COMPLETE

VISTA	VALVOLINE OIL CO		VISTA ID#:	450897
A =   -   -	9520 JOHN ST		Distance/Direction:	0.47 MI / SE
1	SANTA FE SPRINGS, CA	90670	Plotted as:	Point
STATE LUST	- State Leaking Underground	d Storage Tank / SRC#	Agency ID:	I-03240 - ,
3056				
Agency Add	ress:	VALVOLINĖ OIL COMPANY 9520 JOHN ST		
İ		SANTA FE SPRI, CA 90670		
Tank Status	:	NOT AVAILABLE		
Media Affect	ted:	GROUNDWATER		
Substance:		DIESEL		
Leak Cause:	:	UNAVAILABLE		
Remedial Ad	ction:	EXCAVATE DISPOSE		
Remedial St	atus 1:	REM ACTION TAKEN		
Remedial St	atus 2:	NOT AVAILABLE		
1				1
Fields Not R	leported:	Discovery Date, Quantity (Unit	's), Leak Source	į.
	leported: ST - Regional Leaking Under		· · · · · · · · · · · · · · · · · · ·	I-03240
		ground Storage Tank /	· · · · · · · · · · · · · · · · · · ·	1-03240
Regional LUS	ST - Regional Leaking Under	ground Storage Tank /	· · · · · · · · · · · · · · · · · · ·	1-03240
Regional LUS SRC# 3104	ST - Regional Leaking Under	ground Storage Tank /  VALVOLINE OIL COMPANY 9520 JOHN ST S	Agency ID:	1-03240
Regional LUS SRC# 3104	oT - Regional Leaking Under	ground Storage Tank /	Agency ID:	1-03240
Regional LUS SRC# 3104 Agency Add	oT - Regional Leaking Under ress: :	ground Storage Tank /  VALVOLINE OIL COMPANY 9520 JOHN ST S SANTA FE SPRINGS, CA 906	Agency ID:	1-03240
Regional LUS SRC# 3104 Agency Add Tank Status	of - Regional Leaking Under ress: : ate:	ground Storage Tank /  VALVOLINE OIL COMPANY 9520 JOHN ST S SANTA FE SPRINGS, CA 906 NOT AVAILABLE	Agency ID:	1-03240
Regional LUS SRC# 3104 Agency Add Tank Status Discovery D	of - Regional Leaking Under ress: : ate:	ground Storage Tank /  VALVOLINE OIL COMPANY 9520 JOHN ST S SANTA FE SPRINGS, CA 906 NOT AVAILABLE FEBRUARY 1, 1988	Agency ID:	1-03240
Regional LUS SRC# 3104 Agency Add Tank Status Discovery D Media Affec	of - Regional Leaking Under ress: : ate: ted:	ground Storage Tank I  VALVOLINE OIL COMPANY 9520 JOHN ST S SANTA FE SPRINGS, CA 906 NOT AVAILABLE FEBRUARY 1, 1988 GROUNDWATER	Agency ID:	1-03240
Regional LUS SRC# 3104 Agency Add Tank Status Discovery D Media Affec Substance:	of - Regional Leaking Undergress: : ate: ted:	ground Storage Tank I  VALVOLINE OIL COMPANY 9520 JOHN ST S SANTA FE SPRINGS, CA 906 NOT AVAILABLE FEBRUARY 1, 1988 GROUNDWATER DIESEL	Agency ID:	i-03240
Regional LUS SRC# 3104 Agency Add Tank Status Discovery D Media Affec Substance: Leak Cause	of - Regional Leaking Undergress: : ate: ted: :	ground Storage Tank I  VALVOLINE OIL COMPANY 9520 JOHN ST S SANTA FE SPRINGS, CA 906 NOT AVAILABLE FEBRUARY 1, 1988 GROUNDWATER DIESEL UNAVAILABLE	Agency ID:	I-03240
Regional LUS SRC# 3104 Agency Add Tank Status Discovery D Media Affec Substance: Leak Cause Remedial Ad	of - Regional Leaking Undergress: : :ate: ted: : ction: :atus 1:	ground Storage Tank I  VALVOLINE OIL COMPANY 9520 JOHN ST S SANTA FE SPRINGS, CA 906 NOT AVAILABLE FEBRUARY 1, 1988 GROUNDWATER DIESEL UNAVAILABLE NOT AVAILABLE	Agency ID:	i-03240

VISTA	WHITTIER PLATTING CO INC 11642 E PIKE ST		DINC	VISTA ID#:	468915
Address*:			ress*: 11642 E PIKE ST	Distance/Direction:	0.47 MI / SW
	SANTA FE SPRINGS, CA 90670			Plotted as:	Point
CERCLIS / S	SRC# 297	77		EPA ID:	CAD008495129
Agency Ad	ldress:		SAME AS ABOVE		
NPL Status	s:		NOT A PROPOSED, CURI	RENT, OR DELETED NPL SIT	Έ
Site Owner	ite Ownership: PRIVATE/NON-GOVERNMEN			MENTAL	
Lead Agen	icy:		NOT AVAILABLE		
Site Descr			NOT REPORTED		
Event Type	e:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY		EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JANUARY 1, 1991
PRELIMINARY ASSESSMENT	•	EPA FUND-FINANCED	DEFERRED TO RCRA (SUBTITLE C) OR NRC	NOT REPORTED	AUGUST 9, 1991

DICE 01989

Map ID

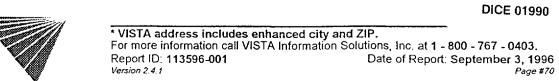
Map ID

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ORRACTS / SRC# 3057	EPA ID:	CAD008495129
Agency Address:	WHITTIER PLATING CO.,INC. 11642 E PIKE ST SANTA FE SPRINGS, CA 90670	•
Prioritization Status:	LOW	-
RCRA Facility Assessment Completed:	NO	
Notice of Contamination:	NO	
Determination of need For a RFI (RCRA	NO	
Facility Investigation):		
RFI Imposed:	NO	
RFI Workplan Notice of Deficiency	NO	
Issued:		
RFI Workplan Approved:	NO	
RFI Report Received:	NO	
RFI Approved:	NO	
No Further Corrective Action at this	NO	
Time:		
Stabilization Mesaures Evaluation:	NO	
CMS (Corrective Measure Study)	NO	
Imposition:		
CMS Workplan Approved:	NO	
CMS Report Received:	NO	
CMS Approved:	NO	
Date for Remedy Selection (CM	NO	
Imposed):		
Corrective Measures Design Approved:	NO	
Corrective Measures Investigation	NO	
Workplan Approved:		
Certification of Remedy Completion:	NO	
Stabilization Measures Implementation:	NO	
Stabilization Measures Completed:	NO .	
Corrective Action Process Termination:	NO	

VISTA	MCKESSON CHEM CO		VISTA ID#:	264990
Address*:	11600 PIKE ST		Distance/Direction:	0.48 MI / SW
	SANTA FE SPRINGS, C	A 90670	Plotted as:	Point
CERCLIS / S	SRC# 2977		EPA ID:	CAD000633313
Agency Ac	dress:	SAME AS ABOVE		
NPL Status	s;	NOT A PROPOSED, CURR	RENT, OR DELETED NPL SIT	E
Site Owne	rship:	UNKNOWN		
Lead Agen	icy:	NOT AVAILABLE		
Site Descr		NOT REPORTED		
Event Type	: Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	AUGUST 1, 1980
PRELIMINARY ASSESSMEN		ED NO FURTER REMEDIAL ACTION PLANNED	MARCH 1, 1984	MAY 1, 1985
Regional Cl	ERCLIS / SRC# 2462		EPA ID:	CAD000633313
Agency Ac	ldress:	SAME AS ABOVE		
Regional L	Itility Description:			
NOTIS SITE				



Map ID

Regional CERCLIS / SRC# 2462		EPA ID:	CAD000633313
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
RCRA REGULATED: GENERATOR SEE NOTIFIC	CATION FILE		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD000633313
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
OTHER: NON-LISTED CORROSIVE TOXIC WAS	STE, SODIUM HYDROCHLORIDE		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD000633313
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
OTHER: TANKS, DRUMS (ABOVE OR BELOW O	ROUND UNKNOWN)		
Regional CERCLIS / SRC# 2462		EPA ID:	CAD000633313
Agency Address:	SAME AS ABOVE		
Regional Utility Description:			
OTHER: MFG DISTRIBUTE ORGANIC INORGA	NIC MATERIALS		

VISTA	ALLPURE CHEMI	CAL COMPANY	VISTA ID#:	493950
Address*:	11600 PIKE STRE		Distance/Direction:	0.48 MI / SW
SANTA FE SPRI			Plotted as:	Point
SCL - State	Equivalent CERCLIS	List / SRC# 2825	Agency ID:	19281186
Agency Ad	dress:	SAME AS ABOVE		
Facility Typ	oe:	NOT AVAILABLE		
Lead Agen	cy:	NOT AVAILABLE		
State Statu	s:	REFERRED TO ANOTHE	ER AGENCY	
Pollutant 1	:	UNKNOWN		
Pollutant 2	:	UNKNOWN		
Pollutant 3	:	UNKNOWN	•	
Fields Not	Reported:	Status	•	

VISTA	SOUTHERN STEEL SUPPLY CO.	VISTA ID#:	1245694	Map ID
Address*:	12350 LOS NIETOS ROAD	Distance/Direction:	0.48 MI / S Point	29
	SANTA FE SPRINGS, CA 90670			25
STATE LUS	T - State Leaking Underground Storage Tank / S	RC#  Agency ID:	012789-02	L

Agency Address:

Leak Cause:

SOUTHERN STEEL SUPPLY CO. 12350 LOS NIETOS ROAD

SANTA FE SPRI, CA 90670 NOT AVAILABLE

Tank Status: Media Affected: Substance:

SOIL/SAND/LAND
GASOLINE (UNSPECIFIED)

Remedial Action: Remedial Status 1: Remedial Status 2: EXCAVATE DISPOSE MONITORING

UNAVAILABLE

NOTAVAILABLE

Fields Not Reported: Discovery Date, Quantity (Units), Leak Source



DICE 01991

Map ID **28** 

Regional LUST - Regional Leaking Underground Storage Tank / Agency ID: 012789-02 SRC# 3104 SOUTHERN STEEL SUPPLY CO,INC Agency Address: 12350 LOS NIETOS RD SANTA FE SPRINGS, CA 90670 Tank Status: **NOT AVAILABLE** Discovery Date: JANUARY 17, 1989 SOIL/SAND/LAND Media Affected: GASOLINE (UNSPECIFIED) Substance: UNAVAILABLE Leak Cause: NOT AVAILABLE Remedial Action: MONITORING Remedial Status 1: NOT AVAILABLE Remedial Status 2: Quantity (Units), Leak Source Fields Not Reported: CORTESE / SRC# 2298 EPA/Agency ID: N/A SOUTHERN STEEL SUPPLY CO INC Agency Address: 12350 LOS NIETOS RD SANTA FE SPRINGS, CA 90670 LEAKING TANK List Name: INV-ID19-001885 Site ID:

VISTA SUR-LITE CORPORATI		ATION	VISTA ID#:	413978	
Address*:			Distance/Direction:	0.49 MI / N	
SANTA FE SPRINGS, C.			Plotted as:	Point	
ERCLIS / S	RC# 297	77		EPA ID:	CAD981687114
Agency Ade	dress:		SAME AS ABOVE		
NPL Status:		NOT VALID SITE			
		PRIVATE/NON-GOVER	-GOVERNMENTAL		
Lead Agend	cy:		NO DETERMINATION		
Site Descri	ption.		NOT REPORTED		
Event Type	:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY		EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JULY 9, 1991

Address*: 8311 SORENSEN SANTA FE SPRINGS, CA 90670	Plotted as:	4043434 0.50 Mt / NE Point	
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056	Agency ID:	R-13299	

Map ID

Map ID

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Agency Address: 8311 SORENSEN SANTE FE SPRINGS, CA Tank Status: NOT AVAILABLE Media Affected: SOIL/SAND/LAND GASOLINE (UNSPECIFIED) Substance: Leak Cause: UNAVAILABLE NOT AVAILABLE Remedial Action: LEAK BEING CONFIRMED Remedial Status 1: Remedial Status 2: **NOT AVAILABLE** Discovery Date, Quantity (Units), Leak Source Fields Not Reported:



Regional LUST - Regional Leaking Underground Storage Tank / Agency ID: R-13299 SRC# 3104

Agency Address:

THIEM INDUSTRIES (FORMER) 8311 SORENSON AVE SANTA FE SPRINGS, CA 90670

Tank Status: Discovery Date: Media Affected: Substance:

NOT AVAILABLE FEBRUARY 28, 1995 SOIL/SAND/LAND GASOLINE (UNSPECIFIED)

Leak Cause: Remedial Action: Remedial Status 1: UNAVAILABLE NOT AVAILABLE

Remedial Status 2:

LEAK BEING CONFIRMED NOT AVAILABLE

Quantity (Units), Leak Source

Fields Not Reported:

#### SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

VISTA WASTI	E DISPOSAL INC		VISTA ID#:	460238
Address*: 12731	E LOS NIETOS RE	)	Distance	0.53 MI
' '	FE SPRINGS, CA		Plotted as:	Polygon
NPL - National Priori	ty List / SRC# 3064		EPA ID:	CAD980884357
Agency Address:  NPL Status:		WASTE DISPOSAL INC 12731 E LOS NIETOS R SANTA FE SPRI, CA 90 CURRENTLY ON FINAL	670	
Site Ownership:		PRIVATE/NON-GOVERI	VMENTAL	
Lead Agency:		NOT AVAILABLE		
Site Description:		THE SITE WAS USED A 1920'S UNTIL THE MID	S AN INDUSTRIAL WASTE I 1960'S	LANDFILLFROM THE LATE
Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
TECHNICAL ASSISTANCE IN RVFS	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	NOT REPORTED
MANAGEMENT ASSISTANCE (FEDERAL RENUMERATION)	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	NOT REPORTED
MANAGEMENT ASSISTANCE (FEDERAL		UNKNOWN	NOT REPORTED  MARCH 30, 1987	NOT REPORTED  NOT REPORTED
MANAGEMENT ASSISTANCE (FEDERAL RENUMERATION) COMMUNITY RELATIONS	FEDERAL			

**DICE 01993** 

FEBRUARY 1, 1985

JULY 1, 1985

JULY 1, 1985

Map ID



PRELIMINARY

ASSESSMENT SCREENING SITE

INSPECTION HAZARD RANKING

SYSTEM SCORE

HIGHER PRIORITY

UNKNOWN

STATE, FUND FINANCED HIGHER PRIORITY

EPA FUND-FINANCED

EPA FUND-FINANCED

JANUARY 1, 1985

NOT REPORTED

NOT REPORTED

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:	
PROPOSED FOR NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 10, 1986	
FINAL LISTING ON NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JULY 22, 1987	
REMOVAL ACTION	EPA FUND-FINANCED	STABILIZATION	MARCH 28, 1988	APRIL 27, 1988	
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	JULY 2, 1990	JULY 2, 1990	
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	AUGUST 13, 1991	AUGUST 13, 1991	
RECORD OF DECISION	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	DECEMBER 27, 1993	
COMBINED RVFS	EPA FUND-FINANCED	UNKNOWN	DECEMBER 22, 1987	DECEMBER 27, 1993	
SPL - State Equivale	nt Priority List / SRC#	2826	Agency ID:	19490194	
Agency Address: Status:		WASTE DISPOSAL, IN 12731 EAST LOS NIET SANTA FE SPRINGS, CURRENTLY ON FINA	TOS ROAD CA 90670		
Facility Type:		NOT AVAILABLE			
Lead Agency:		EPA FUND-FINANCED			
State Status:		ANNUAL WORK PLAN			
Pollutant 1:		HALOGENATED ORGANIC COMPOUNDS			
Pollutant 2:					
Pollutant 3:		DRILLING MUD/CHEM	1ICALS		



### **UNMAPPED SITES**

VISTA	ROSE HILLS		VISTA ID#:	5739042					
Address*	WHITTIER, CA								
County SWI	F - County Solid Waste Land	fill / SRC# 2783	Agency ID:	19-AH-5001					
Agency Ad	ldress:	SAME AS ABOVE							
Facility Cla	ass:	unknown							
Facility Ty	pe:	SANITARY LANDFILL/LANDFILL							
Public Sta	tus:	CLOSED							
Solid Wast	te Status:	INACTIVE/CLOSED							
SWIS Perm	nit Status:	INACTIVE							



# SITE ASSESSMENT PLUS REPORT

# **DESCRIPTION OF DATABASES SEARCHED**

### A) DATABASES SEARCHED TO 1 MILE

NPL SRC#: 3064 VISTA conducts a database search to identify all sites within 1 mile of your property. The agency release date for NPL was June, 1996.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL SRC#: 2826 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for Calsites Database: Annual Workplan Sites was January, 1996

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control.

CORRACTS SRC#: 3057 VISTA conducts a database search to identify all sites within 1 mile of your property. The agency release date for RCRA Corrective Action Sites List was May, 1996.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

RCRA-TSD SRC#: 3057 VISTA conducts a database search to identify all sites within 1 mile of your property. The agency release date for RCRIS was May, 1996.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

#### B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS SRC#: 2976 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for CERCLIS was March, 1996.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List(NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.

**DICE 01996** 



NFRAP SRC#: 2977 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for CERCLIS-NFRAP was March, 1996.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

Cal Cerclis SRC#: 2462 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Ca Cerclis w/Regional Utility Description was June, 1995.

This database is provided by the U.S. Environmental Protection Agency, Region 9. These are regional utility descriptions for California CERCLIS sites.

SCL SRC#: 2825 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was January, 1996.

This database is provided by the Department of Toxic Substances Control.

SWLF SRC#: 2882 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Ca Solid Waste Information System (SWIS) was March,

This database is provided by the Integrated Waste Management Board.

LAC-Landfills SRC#: 2783

VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Los Angeles County Landfills and Transfer Stations was October, 1995.

This database is provided by the Public Health Invesitgations, Hazardous Material Control Program.

WMUDS SRC#: 2463 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Waste Management Unit Database System (WMUDS) was June. 1995.

This database is provided by the State Water Resources Control Board. This is used for program tracking and inventory of waste management units. This system contains information from the following eight main databases: Facility, Waste Management Unit, SWAT Program Information, SWAT Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA Program Information, RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).

LUST SRC#: 3056 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Lust Information System (LUSTIS) was April, 1996.

This database is provided by the California Environmental Protection Agency.

LUST RG4 SRC#: 3104 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Region #4-UST Leak List was July, 1996.

This database is provided by the Regional Water Quality Control Board, Region #4.

LUST RG6 SRC#: 3105 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Region #6-Leaking Underground Storage Tank Listing was June, 1996.

This database is provided by the Regional Water Quality Control Board, Region #6.

**DICE 01997** 



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 113596-001

Date of Report: September 3, 1996

Version 2.4.1

Page #77

CORTESE

SRC#: 2298

VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Cortese List-Hazardous Waste Substance Site List was

February, 1995.

This database is provided by the Office of Environmental Protection, Office of Hazardous Materials.

Deed Restrictions SRC#: 1703

VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Deed Restriction Properties Report was April, 1994.

This database is provided by the Department of Health Services-Land Use and Air Assessment. These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".

Toxic Pits SRC#: 2229 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for Summary of Toxic Pits Cleanup Facilities was February,

This database is provided by the Water Quality Control Board, Division of Loans Grants.

#### C) DATABASES SEARCHED TO 1/4 MILE

SRC#: 3057

RCRA-Viols/En VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for RCRIS was May, 1996.

> The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Violators are facilities which have been cited for RCRA Violations at least once since 1980. RCRA Enforcements are enforcement actions taken against RCRA violators.

UST's

SRC#: 1612

VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Underground Storage Tank Registrations Database was January, 1994.

This database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks: Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

AST's SRC#: 2824 VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for Aboveground Storage Tank Database was February, 1996.

This database is provided by the State Water Resources Control Board.

LAC-Site Miti. SRC#: 2683

VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for LA County-Site Mitigation Complaint Control Log was October, 1995.

This database is provided by the Department of Health Services, LA County Public Health Investigations.

**DICE 01998** 



Appendix F - Chain-of-Custody

DICE 01999

No. 008540			CHA	IN OF	CU	STODY F	RECORD	)				Page of
213414 Water					CONTAINERS							
SAMPLERS: (Signature)	PRINT NAM				_  <u> </u>						/	
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7W-1		8-22	1320	unter	4	$\bot$	×					Analytical regults
TW-3			1530		4	À	\ \frac{}{}					due 8-27-96
TW-4		1,0	1800		4	<del>'</del>	7:				<del> </del>	
TW-5	. /	8-53			4	×	×					*
300 EB 7 301 Dup 7	w - 4 W - 5	8-22		1	3	× ×						# SHUTAT # SHUTAT
DICE 02000												
	l Du Tu	Received t		natural .		I AR NAME						
Relinquished by: (Signature)	Date Time					LAB NAME	r.·;	N.C.	11 R	<b>NVIRONM</b> 1911 Freed eston, Virg 03) 709-65	dom Drive Jinia 2209	
Relinquished by: (Signature)	Date/Time	Received t	oy: <i>(Sıg</i>	nature)		COURIER:	0. 12792	3				
Received for Laboratory by: (Signature)	PRINT NAME:			Date Tim	ne	CUSTODY COOLER N	SEAL NO	OS: 				SC
ATTENTION LAB: SEND ANA		HE FOLLO	WING	ESC ST		***********	1306 BE	Tobasor				

No. 1108538		CHA	IN OF C	JSTODY I	RECORD				Page of
	AME AND LOCATION:	Er Spings		CONTAINERS					
SAMPLERS: (Signature)	O SLATA PRINT NA  FROM L  ENTIFICATION	ME: / Seal France ()   DATE   TIME   TIME	MATRIX	NO. OF CONT					REMARKS
NW-1A-6'			50.1	1 4	7/				ILKTAT
NE - 4 - 2' NE - 1 - 6'	DICE 02001	1320	<del></del>			><			
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201 equipment	blank NE-5-1	<i>V</i>	<del>                                     </del>	3 🗴					SHI TAT SHITAT
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Relinquished by: (Signature)	Date/Time	Received by: (Sig	gnature)	COURIER AIRBILL N	Fr.)	EX 288053			
Received for Laboratory by: (Signature)	PRINT NAME:		Date Time	CUSTODY				E	SC
				COOLER		1/5 200586 -			
ATTENTION LAB: SEND ANAL	YTICAL RESULTS TO	THE FOLLOWING	ESC STAF	F MEMBER:	John	Johnso.		· ,	

CA . MA ... PA

No. 988558			CHA	IN OF	CL	JST	ODY F	RECORD					Pa	ige of
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NW -5-1' 020			1434	-				11		<u> </u>				
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bd balki	8-15-41					CIT	- /	arei	/1	V.C.		reedom D Virginia 2 9-6500		
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ATTENTION LAB: SEND ANALY	TICAL RESULTS TO	THE FOLLO	WING	ESC S						· ,				

... Appendix G - Boring Logs, Well Construction Details, and Permits

DICE 02003

101 Me San Jos Drilling Driller ESC Ga	mental Stro Driverse, CA  Co. W/Ti eologist	est Haz racy Bob I	zmat Bealkor Casing	wski		Bo Gri TC	ring ound DC El pe/D preen	Fe Springs  Location NE property downgradient  Elevation	Method Hollow Stem Hole Diameter 7-1/4" Inside Diameter Total Depth 55'	ing Auger	,	
Blows/Ft.	Sample Depth	Water Level Time & Date	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)	otal L	Description		Graphic Log	Well	
						1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		Dark brown fine sandy silt dens		ML	02004	
						17				j.NotuAwi	colew-3 drw	

101 Me	mental S tro Drive	e, Suite 6		ation			Vitc anta	PROJECT  O  a Fe Springs	Bor. o. TW-3 Sheet 2 of 3		Арр	roved b	py:
	Sample Depth 8	Water Level	Sample Time	PID (ppm)	Core Sample Number	Depth (ft)		Description	Date Drilled 8-22-96	Graphic Log	Well		
Blows/Ft.	Sam	Wat	Sam	문	Core	Dept	,			Gra	S el	- 	
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Environ 101 Me		Strategies e, Suite 69 95110		ation		<u>W</u> <u>Sa</u>	PROJECT  Bo		Approved by:
Blows/Ft.	Sample Depth	Water Level Time & Date	Sample Time	P1D (ppm)	Core Sample Number	Depth (ft)	Description	Graphic Log	Well
6 7 12						39 40 41 42	Light brown mottled grey silt	ML	
						44 45 46			
						48		••••••••••••••••••••••••••••••••••••••	
21 17						50 51 52	Reddish brown silty clay fine sand  Dark brown edium to coarse dense sand saturated	CL	
						53			
						55 56 57			
						59 60		DIC	 E 02006

Appendix H - Field Sampling Forms

**DICE 02007** 

**ESC** 

				ntal Strategies Water Sampling Fo	-	<b>On</b>	
Sample Desig.	TW-3	<del></del>	Job/task#	213414		· Sampled E	ly Bob Bealko
Sample Type	Temp Well		Site Name	Witco Santa Fe Springs	1	Date	8/22/96
Sunpie Type	(monitoring well, trea	tment syst., etc.)		<u></u>		<del></del>	
Sample Method	Bailer					<del></del>	
Field Conditions	100° F					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
			V	Vater Level Informa	ation		
Measuring Point	N/A		Instrument Use	ed	N/A	W.L. for 80% recovery	
•	(mp, TOC, north	point TOC, etc.)					
W.L. Before Purge				ge		W.L. Time of Sample	Time
Time			Time		_	Date	time
Purge Start				Purge Information	on	Purge Device	
Well Depth		Screened Interval					
Well Dia		Purge Calculation				Actual Anit. Removed	i
		_	(well depth-depth t	o water) X # of casing Vol. = Purg	e Vol.		
I	Purge Volume l	Multipliers				QA/QC Informa	tion
Casing Dia.	1 Casing Vol.	3 Casing Vol.	5 Casing Vol.	7		X if Present	Designation
1.0	0.04	0.12	0.20				
2.0	0.16	0.49	0.82		Trip blank		
3.0	0.37	1.10	1.84 2.50	_	Duplicate		
4.0	0.65	1.96	3.26		Loupheate	<del></del>	
4.5	0.83	2.48	4.13		Field blank		
6.0	1.47	4.41	7.34	7		<del></del> -	
8.0	2.61	7.83	13.06		Q.C. Spike		
10.0	4.08	12.24	20.40	_	Other		
				arameter Readings			
Time	Amt. remv'd	Temp.	Cond.	pH	Turb.	Observa	lions/Notes
						Turbid/no odors	
			<u> </u>				·
	<del> </del>		<u> </u>	<b></b>			
	-				<del> </del>		
Sample Time	1720		S	Sample / Lab Inform	nation	Sample Device	1/2 inch disposable b
Laboratory name ar	nd Location:	IEA Cary N.C	·			· · · · · · · · · · · · · · · · · · ·	
Analysi		ainer(s)	No.	Volume		Preservative	Filtration
8270 8260	1		IL 40 ml	<del></del>		none HCL	·
6200	3		40 111			ICL	·
						DIC	E 02008
	<del></del>			Decon. Informati	ion		
1/2 - inch disposabl	Purge Device(s) le bailer	/ Equipment	L	(briefly describe)		Sampling Devices	s) / Equipment

Appendix I - Laboratory Data

DICE 02009

IEA, Inc.
IEA Project NO.: 978\_065RP
SDG: 08311
Client Project ID: Wico Santa Fe Springs
Data Summary Package

### IEA SDG NARRATIVE VOLATILE FRACTION

PROJECT:978-065

BATCH:08311

METHOD:SW-846 (8260)

Samples:

Nineteen (19) Soil Samples

The samples were received at Industrial and Environmental Analysts, Inc. (IEA) on August 16, 1996. Each sample was assigned a 9-character "IEA" lab identification number (lab ID) and a truncated client ID (for forms generation). This package makes reference to these ID's as listed on the IEA Assigned Number Index. All analyses were performed according to approved methodologies and meet the requirements of the IEA Quality Assurance Program. Please see the enclosed data package for your results and Chain of Custody (COC) documentation.

There is an air peak that is common to all of the volatile analyses and a solvent peak common to some volatile analyses. These peaks are present at the beginning of the Reconstructed Ion Chromatograms (RIC) and are labeled. These peaks are not searched as Tentatively Identified Compounds (TIC's).

The SW-846 8260 methodology states if all % RSD's (relative standard deviation) of the relative response factors for each compound is less than 15% then the curve average may be used. However, if the %RSD's are above 15% then linear regression is preferred. In order to simplify the quantitation, linear regression forced origin is the quantitation mode for all compounds. The curve is plotted using response factors, not RRF's, versus the concentration level. The slope of the response factors is provided on a Form 6D following the relative response factor InItlal Calibration Form 6A. The calculation is in the form y = mx + b where, b = 0; m = slope; y = response factor of the target compound in the sample and x = concentration to be determined from the curve. When calculating a final concentration the "x" value must be multiplied by the concentration of the internal standard and consequently, multiplied by the dilution factor.

The "N" flag used on the Form I VOA-TIC indicates that there is the presumptive evidence of a compound based on the mass spectral library search and the interpretation of the mass spectral interpretation specialist.

The "Y" flag is used as a qualifier on the Form I VOA-TIC to indicate a siloxane contaminant attributed to trap breakdown. This also indicates non target compounds introduced by the laboratory.

The "M" flag used on the data system report form designates that a manual integration was required to provide an accurate quantification of that analyte. Manual integrations have been initialled and dated by the analyst.

# IEA SDG NARRATIVE VOLATILE FRACTION

08/26/96

I certify that this data package is in compliance with the procedures and methods defined for this project, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data (if applicable) as submitted has been authorized by the laboratory manager or his designee, as verified by the following signature.

Brian D. Neptune

Lead Analyst, GC/MS Final Review

IEA, Inc.

### SDG NARRATIVE SEMIVOLATILE FRACTION

PROJECT: 978-065

TEA

BATCH: 08311

METHOD: SW-846 8270

Samples: Nineteen (19) Soil Samples

The samples were received at Industrial and Environmental Analysts, Inc. (IEA) on 08/16/96. Each sample was assigned a 9-character "IEA" lab identification number (lab ID) and an abbreviated client ID which is referenced on the IEA Assigned Number Index. All analyses are performed in accordance with EPA approved methodologies and meet the requirements of the IEA Quality Assurance Program. Please see the enclosed data package for your results and Chain of Custody documentation.

The chromatographic separation of the analytes was performed using a Restek 30 X 0.32 XTI-5 fused silica capillary column with a  $0.5 \mu m$  bonded phase film thickness.

Instrument data printouts identify the compound 2,2'-oxybls(1-Chloropropane) with CAS number 108-60-1. Alternative nomenclature for this compound is bis(2-Chloroisopropyl)ether which is included on report forms submitted.

The "J" flag used on the Form I SV indicates an estimated concentration between the CRQL and the Method Detection Limit (MDL).

The "M" flag used on the data system report form designates that a manual integration was required to provide an accurate quantification of that analyte. Manual integrations have been initialed and dated by the analyst.

Sample NW28 (9608311-19) was reported at a ten-fold dilution due to the high concentration of non-target compounds present.

Any nonconformances associated with the analysis of the samples in this case are noted as follows:

The Laboratory Control Sample (LCS521) percent recovery for Acenaphthene exceeded the limits specified for this method due to better than expected extraction efficiency.

I certify that this data package is in compliance with the procedures and methods defined for this project, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data (if applicable) as submitted has been authorized by the laboratory manager or his designee, as verified by the following signature.

08/23/96

David F. Morse

GC/MS SV Lead Analyst

OF. mane

IEA, Inc.

IEA, Iso Door RPP00701.NC

#### IEA

#### SDG NARRATIVE INORGANIC/METALS FRACTION

CASE:978-065

SDG NO.:08311

Sample Numbers: 960831115 (NE42). A total of one (1) soil sample was received for Zinc analysis by Method 6010.

This case was closed on July 16, 1996. The temperature of the samples upon receipt by the Industrial and Environmental Analysts, Inc. (IEA) was 6°C. All samples were received intact.

Each sample has been assigned a 9-character IEA lab identification number. Client identifiers have been truncated to a maximum of 6-characters to accommodate the software constraints, and are cross referenced in the IEA Assigned Number Index (enclosed).

The "\*" flag is used to identify the sample duplicate analysis exceeds the 20% RPD criteria. The following sample(s) are flagged with a "\*" for the metal(s) listed:

Sample ID

Metal

960831115 (NE42)

Zinc - :

Any nonconformances associated with the analysis of samples in this case are noted as follows:

There are no nonconformances associated with this case.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the laboratory manager or his designee, as verified by the following signature.

08/23/96

Inorganic Data Reviewer

IEA, Inc.

IEA. Inc Doof RPF00900.NC

1A SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-2-1'A

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065 SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831102

Sample wt/vol: 5 (g/mL). g

Lab File ID: 0819710.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15 . .

Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL) ...

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L c	or ug/Kg)	ug/k	3	Q
67-64-1	Acetone			14	JВ
107-13-1	Acrylonitrile	<del></del>		6	<del>- 5</del>
107-05-1	Allyl Chloride			<u>ĕ</u>	<del>- 0</del> -
71-43-2	Benzene			6	Ŭ
108-86-1	Bromobenzene ·			6	Ū
74-97-5	Bromochloromethane		· <del>··</del>	6	U
75-27-4	Bromodichloromethane		<del></del>	6	U
75-25-2	Bromoform			6	U
74-83-9	Bromomethane			12	Ü
78-93-3	2-Butanone			[2]	Ū
104-51-8	N-Butylbenzene			6	U
135-98-8	Sec-Butylbenzene	200	.,	6	U
98-06-6	Tert-Butylbenzene			6	U
75-15-0	Carbon Disulfide			6	Ū
56-23-5	Carbon Tetrachloride			6	Ū
108-90-7	Chlorobenzene	1 1		6	<u></u>
124-48-1	Chlorodibromomethane			6	Ü
75-00-3	Chloroethane			12	0
110-75-8	2-Chloroethyl Vinyl Ether			12	Ü
67-66-3	Chloroform			6	Ü
74-87-3	Chloromethane			1.2	Ū
95-49-8	2-Chlorotoluene			6	Ü
106-43-4	4-Chlorotoluene			6	Ü
96-12-8	1,2-Dibromo-3-Chloropropane		* 1	.6	Ų
106-93-4	1,2-Dibromoethane			6	Ŭ
74-95-3	Dibromomethane			6	U
95-50-1	1,2-Dichlorobenzene			6	Ü
541-73-1	1,3-Dichlorobenzene			6	Ŭ
106-46-7	1,4-Dichlorobenzene			6	Ū
75-71-8	Dichlorodifluoromethane		· .	12	ď
75-34-3	1,1-Dichloroethane			6	Ŭ
107-06-2	1,2-Dichloroethane			6	U
75-35-4	1,1-Dichloroethene		•	6	Ū
156-59-2	Cis-1,2-Dichloroethene			6_	U

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-2-1'A

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water)

Lab Sample ID: 960831102

Sample wt/vol: 5

(g/mL)

Lab File ID: 0819710.D

Level: (low/med)

CAS NO. COMPOUND

LOW

15 .

Date Received: 08/16/96

\* Moisture: not dec.

Date Analyzed: 08/19/96

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume:

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/kg

			~575	×
156-60-5	Trans-1,2-Dichloroethene		. 6	<b>י</b>
78-87-5	1,2-Dichloropropane		- 6	<del>- 5</del> -
142-28-9	1,3-Dichloropropane		<u> </u>	_ Ŭ _
594-20-7	2,2-Dichloropropane			_ <del>ŏ</del>
563-58-6	1,1-Dichloropropene		<u>č</u>	Ü
10061-01-5	Cis-1,3-Dichloropropene		<del></del>	<del></del>
10061-01-3	Trans-1,3-Dichloropropen	<del></del>	- 6	Ü
110-57-6	Cis-1,4-Dichloro-2-Buten			- 5
110-57-6	Trans-1, 4-Dichloro-2-But	ene	<u> </u>	<del>- 0</del> -
100-41-4	Ethichongon	erre -	<u>ĕ</u>	_ ʊ̃
97-63-2	Ethylbenzene Ethyl Methacrylate		- <del>č</del>	_ Ŭ -
87-68-3		7,414	. 6	ਚ
	Hexachlorobutadiene		12	_ ʊ _
591-78-6	2-Hexanone		6	<del>ŏ</del>
74-88-4	Iodometnane		6	<del>- 6</del> -
98-82-8	Isopropylbenzene		6	<del>- ŏ</del> -
99-87-6	P-Isopropyltoluene		6	Ö
126-98-7	Methacrylonitrile			<u> </u>
75-09-2	Methylene Chloride		12	- 8
80-62-6	Methyl Methacrylate			8
108-10-1	4-Methyl-2-Pentanone		12	<del>- 6</del>
1634-04-4	Methyl-tert-Butyl ether	<u>_</u>	6	
91-20-3	Naphthalene		. 6	Ü
76-01-7	Pentachloroethane		: 6	Ü
103-65-1	N-Propylbenzene		6	
100-42-5	Styrene		6	U
630-20-6	1,1,1,2-Tetrachloroethan	e	. 6	Ū
79-34-5	1,1,2,2-Tetrachloroethan	e	6	U
127-18-4	Tetrachloroethene		. 6	U
108-88-3	Toluene 1,2,4		. 6	Ū
87-61-6	1,2,3-Trichlorobenzene		6	U
120-82-1	1,2,4-Trichkorobenzene		6	Ü
71-55-6	1,1,1-Trichloroethane		6	U
79-00-5	1,1,2-Trichloroethane	, . <del>.</del>	6	U
79-01-6	Trichloroethene		. 6	Ü

1A SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-NC

Method: 8260

S-2-1'A

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Q

Matrix: (soil/water) SOIL

Lab Sample ID: 960831102

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819710.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624

( ID ( in) 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg

75-69-4	Trichlorofluoromethane	:	6	U
96-18-4	1,2,3-Trichloropropane		6	0
95-63-6	1,2,4-Trimethylbenzene		6	Ŭ
108-67-8	1,3,5-Trimethylbenzene	 •	6	U
108-05-4	Vinyl Acetate		12	U
75-01-4	Vinyl Chloride		12	U
1330-20-7	Xylene (Total)		6	

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831102

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819710.D

Level: (low/med) LOW

Date Received:

08/16/96

% Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

	NUMBER	COMPOUND NAME	RT	EST. CONC.	Ö
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<b>}</b>		<u> </u>			
L				<u></u>	<u> </u>

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-2-1'D

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

'SDG'No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831103

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819711.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15 · ·

Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53(mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

ua/ka CAC NO COMPOINT

CAS NO.	COMPOUND (	ug/L or ug/Kg	) ug/kg	Q G
63 64 3			. 16	7
67-64-1 107-13-1	Acetone		16	JB
107-05-1	Acrylonitrile		6	<del>  8</del>
	Allyl Chloride	· · · · · · · · · · · · · · · · · · ·	8	<del>                                     </del>
71-43-2	Benzene	<del> </del>	6	<del>│───</del> ┤
108-86-1	Bromobenzene	<del></del>	1	<del>  8  </del>
74-97-5	Bromochloromethane		6	
75-27-4	Bromodichloromethane		6	Ü
75-25-2	Bromoform		. 6	U
74-83-9	Bromomethane	···	12	Ü
78-93-3	2-Butanone	<u> </u>	12	Ü
104-51-8	N-Butylbenzene		6	Ü
135-98-8	Sec-Butylbenzene	\$4 ·	. 6	U
98-06-6	Tert-Butylbenzene		6	U
75-15-0	Carbon Disulfide		6	U
56-23-5	Carbon Tetrachloride		6	U
108-90-7	Chlorobenzene		6	U
124-48-1	Chlorodibromomethane		6	U
75-00-3	Chloroethane		12	U
110-75-8	2-Chloroethyl Vinyl Ether	•	12	U
67-66-3	Chloroform		6	U
74-87-3	Chloromethane		12	U
95-49-8	2-Chlorotoluene	<del></del>	- 6	U
106-43-4	4-Chlorotoluene		6	0
96-12-8	1,2-Dibromo-3-Chloropropa	ne	· . 6	U
106-93-4	1,2-Dibromoethane		6	Ū
74-95-3	Dibromomethane		6	U
95-50-1	1,2-Dichlorobenzene	······································	6	U
541-73-1	1,3-Dichlorobenzene		6	ט
106-46-7	1,4-Dichlorobenzene		6	Ū
75-71-8	Dichlorodifluoromethane		12	Ü
75-34-3	1,1-Dichloroethane	<u></u>	- 6	Ü
107-06-2	1,2-Dichloroethane	<del></del>	. 6	Ü
75-35-4	1,1-Dichloroethene	<del></del>	Š	Ü
156-59-2	Cis-1,2-Dichloroethene	<del></del>	t š	1 0
<u>                                     </u>	CIB-I.Z-DIUITOLOELITENE		1 0	

2.0

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-2-1'D Lab Name: IEA-NC Method: 8260

SDG No.: 08311 Lab Code: IEA .... Case No.: 978-065

Lab Sample ID: 960831103 Matrix: (soil/water)

Sample wt/vol: 5 (g/mL) Lab File ID: 0819711.D

Level: (low/med) LOW Date Received: 08/16/96

Date Analyzed: 08/19/96 \* Moisture: not dec.

Dilution Factor: 1.0 GC Column: DB-624 ID: 0.53 (mm)

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)		Q
156-60-5	Trans-1,2-Dichloroethen	e	6	ŭ
78-87-5	1,2-Dichloropropane		6	Ū
142-28-9	1,3-Dichloropropane		6	D
594-20-7	2,2-Dichloropropane		. 6	U
563-58-6	1,1-Dichloropropene		6	Ü
10061-01-5	Cis-1,3-Dichloropropene		6	Ū
10061-02-6	Trans-1,3-Dichloroprope	ne	6	ΰ
110-57-6	Cis-1,4-Dichloro-2-Bute	ne ·	6	Ŭ.
110-57-6	Trans-1,4-Dichloro-2-Bu	tene	6	Ü
100-41-4	Ethylbenzene		6	U
97-63-2	Ethyl Methacrylate		6	Ū
87-68-3	Hexachlorobutadiene	+5 / Pat   17		U
591-78-6	2-Hexanone		12	U
74-88-4	Iodomethane	V	6	U
98-82-8	Isopropylbenzene		6	U
99-87-6	P-Isopropyltoluene		. 6	U
126-98-7	Methacrylonitrile		6	U
75-09-2	Methylene Chloride		12	U
80-62-6	Methyl Methacrylate		6	U
108-10-1	4-Methyl-2-Pentanone		12	U
1634-04-4	Methyl-tert-Butyl ether		6	Ū
91-20-3	Naphthalene		, 6	Ū
76-01-7	Pentachloroethane			U
103-65-1	N-Propylbenzene			U
100-42-5	Styrene		6	U
630-20-6	1,1,1,2-Tetrachloroetha	ne	. 6	Ü
79-34-5	1,1,2,2-Tetrachloroetha	ne	. 6	Ū
127-18-4	Tetrachloroethene		13	
108-88-3	Toluene 30.5			U
87-61-6	1,2,3-Trichlorobenzene		. 6	U
120-82-1	1,2,4-Trichlorobenzene		. 6	Ü
71-55-6	1,1,1-Trichloroethane		. 6	Ū
79-00-5	1,1,2-Trichloroethane		. 6	U
79-01-6	Trichloroethene		6	Ū

SW-846 JULATILE ORGANICS ANALYSIS L. TA SHEET

Lab Name: IEA-NC

Method: 8260

S-2-1'D

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) 'SOIL'

Lab Sample ID: 960831103

Sample wt/vol: 5 (g/mL) g Lab File ID: 0819711.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg

75-69-4	Trichlorofluoromethane		6	Ū
96-18-4	1,2,3-Trichloropropane		. 6	Ü
95-63-6	1,2,4-Trimethylbenzene		6	U
108-67-8	1,3,5-Trimethylbenzene		6	U
108-05-4	Vinyl Acetate		12	Ü
75-01-4	Vinyl Chloride		 12	U
1330-20-7	Xylene (Total):	•	6_	U

1E

CLIENT SAMPLE NO.

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

S-2-1'D

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831103

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819711.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624

ID: 0.53 (mm)

: .

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg

CAS	NUMBER	СОМРОИЛО ИАМЕ	RT	EST. CONC.	Q ·
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		1.0			
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			<u> </u>	<u> </u>	<u> </u>

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT SAMPLE NO.

S-2-1'C

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831104

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819712.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624

ID: - 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg CAS NO. COMPOUND

		~5, 5 02 05, 115,			
67-64-1	Acetone			i2	JВ
107-13-1	Acrylonitrile		<del> </del>	- 6	<del>-</del> 5-
107-05-1	Allyl Chloride	<del></del>		<u> </u>	<del>-</del> <u></u> <u></u>
71-43-2	Benzene	<del></del>	<del></del>	ě l	<del>-</del> ŏ-
108-86-1	Bromobenzene			- 6	Ŭ
74-97-5	Bromochloromethane		<del></del>	- 6	Ö
75-27-4	Bromodichloromethane			<u> </u>	Ŭ
75-25-2	Bromoform	<del></del>		· 6	Ü
74-83-9	Bromomethane		<del> </del>	12	Ŭ
78-93-3	2-Butanone	<del></del>	<del></del>	12	Ŭ
104-51-8	N-Butylbenzene			6	Ŭ
135-98-8	Sec-Butylbenzene		:	Š	Ū
98-06-6	Tert-Butylbenzene			6	Ū
75-15-0	Carbon Disulfide			- 6	U
56-23-5	Carbon Tetrachloride			6	0
108-90-7	Chlorobenzene			6	U
124-48-1	Chlorodibromomethane			6	U
75-00-3	Chloroethane			12	0
110-75-8	2-Chloroethyl Vinyl Ether			12	Ü
67-66-3	Chloroform			6	Ū
74-87-3	Chloromethane			12	<u> </u>
95-49-8	2-Chlorotoluene	7 17:58		, 6.	U
106-43-4	4-Chlorotoluene	· · ·		6	Ū
96-12-8	1,2-Dibromo-3-Chloropropa	ne 🙃 .	• •	6	U
106-93-4	1,2-Dibromoethane			6	U
74-95-3	Dibromomethane			6	U
95-50-1	1,2-Dichlorobenzene			6	U
541-73-1	1,3-Dichlorobenzene			- 6	ป
106-46-7	1,4-Dichlorobenzene			6	U
75-71-8	Dichlorodifluoromethane			12	Ŭ
75-34-3	1,1-Dichloroethane			6	Ŭ
107-06-2	1,2-Dichloroethane			6	ับ
75-35-4	1,1-Dichloroethene			6	Ü
156-59-2	Cis-1.2-Dichloroethene			6	U

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET:

S-2-1'C

Method: 8260 Lab Name: IEA-NC

Case No.: 978-065 SDG No.: 08311 Lab Code: IEA

Lab Sample ID: 960831104 Matrix: (soil/water) SOIL .

Sample wt/vol: 5 (g/mL) g. Lab File ID: 0819712.D

Level: (low/med) LOW : Date Received: 08/16/96

Date Analyzed: 08/19/96 \* Moisture: not dec. 15 · .

ID: 0.53 (mm) GC Column: DB-624 Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) '

# CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	ug/kg	Q
156-60-5	Trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	Ū
142-28-9	1,3-Dichloropropane	6	U
594-20-7	2,2-Dichloropropane	6	U
563-58-6	1,1-Dichloropropene	6	Ū
10061-01-5	Cis-1,3-Dichloropropene	- 6	Ü
10061-02-6	Trans-1,3-Dichloropropene	6	<u> </u>
110-57-6	Cis-1,4-Dichloro-2-Butene	6	Ū
110-57-6	Trans-1,4-Dichloro-2-Butene	6	Ü
100-41-4	Ethylbenzene	6	Ū
97-63-2	Ethyl Methacrylate	6	U
87-68-3	Hexachlorobutadiene	6	U
591-78-6	2-Hexanone	12	U
74-88-4	Iodomethane	• 6	U
98-82-8	Isopropylbenzene	6	Ű
99-87-6	P-Isopropyltoluene	. 6	U
126-98-7	Methacrylonitrile	6	Ü
75-09-2	Methylene Chloride	12	U
80-62-6	Methyl Methacrylate	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
1634-04-4	Methyl-tert-Butyl ether	6	Ū
91-20-3	Naphthalene	6	บ
76-01-7	Pentachloroethane	. 6	Ū
103-65-1	N-Propylbenzene	. : 6	U
100-42-5	Styrene .	. 6	U
630-20-6	1,1,1,2-Tetrachloroethane 1,1,2,7-Tetrachloroethane	6	U
79-34-5	1,1,2,2-Tetrachioroethane	. 6	Ü
127-18-4	Tetrachloroethene	. 6	U
108-88-3	Toluene	. 6	U
87-61-6	1,2,3-Trichlorobenzene	6	Ü
120-82-1	1,2,4-Trichlorobenzene	. 6	Ü
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	Ū
79-01-6	Trichloroethene	6	Ų

1A

CLIENT SAMPLE NO.

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-2-1'C

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831104

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819712.D

Level: (low/med) LOW ......

Date Received: 08/16/96

% Moisture: not dec. 15.

Date Analyzed: 08/19/96

GC Column: DB-624

-ID: 7:0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (U

(ug/L or ug/Kg) ug/kg

Q

			7	
75-69-4	Trichlorofluoromethane		6	U
96-18-4	1,2,3-Trichloropropane		6	U
95-63-6	1,2,4-Trimethylbenzene		6	U
108-67-8	1,3,5-Trimethylbenzene	·	6	U
108-05-4	Vinyl Acetate		12	U
75-01-4	Vinyl Chloride		12	
1330-20-7	Xylene (Total)		6	Ŭ

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

S-2-1'C

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831104

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819712.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: '08/19/96

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

CAS NUMBER	СОМБОЛИД ИУМЕ		EST. CONC.	Q
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SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-1-8'

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831105

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819713.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

CAS NO.		ug/Kg)		ig/kġ	Q
67-64-1	Acetone				JB.
107-13-1	Acrylonitrile			6	U
107-05-1	Allyl Chloride			6	U
71-43-2	Benzene			· 6	U
108-86-1	Bromobenzene			6	U
74-97-5	Bromochloromethane			6	Ü
75-27-4	Bromodichloromethane			6	Ü.
75-25-2	Bromoform :			6	U
74-83-9	Bromomethane			12	Ü
78-93-3	2-Butanone			12	ΰ
104-51-8	N-Butylbenzene			6	U
135-98-8	Sec-Bucylbenzene	1		6_	U
98-06-6	Tert-Butylbenzene	 		6	U
75-15-0	Carbon Disulfide	 - 344		6	U
56-23-5	Carbon Tetrachloride			6	U
108-90-7	Chlorobenzene			6	U
124-48-1	Chlorodibromomethane			6	U
75-00-3	Chloroethane			12	U
110-75-8	2-Chloroethyl Vinyl Ether			12	U
67-66-3	Chloroform			6	U
74-87-3	Chloromethane			12	U
95-49-8	2-Chlorotoluene			6	ט
106-43-4	4-Chlorotoluene			6_	U
96-12-8	1,2-Dibromo-3-Chloropropane			. 6	U
106-93-4	1,2-Dibromoethane			6	Ū _
74-95-3	Dibromomethane			. 6	U
95-50-1	1,2-Dichlorobenzene			, 6	U
541-73-1	1,3-Dichlorobenzene			6	U
106-46-7	1,4-Dichlorobenzene			6	U
75-71-8	Dichlorodifluoromethane			12	U
75-34-3	1,1-Dichloroethane			6	U
107-06-2	1,2-Dichlorosthane			6	U
75-35-4	1,1-Dichloroethene		_	6	Ü
156-59-2	Cis-1,2-Dichloroethene			6	Ü

1A

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-NC

S-1-8'

Lab Code: IEA

Method: 8260 Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL I'm

Lab Sample ID: 960831105

(g/mL) . g

Lab File ID: 0819713.D

Sample wt/vol: 5

Date Received: 08/16/96

Level: (low/med) LOW \* Moisture: not dec.

Date Analyzed: 08/19/96

GC Column: DB-624

ID: (0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

(uL)

15

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q

				<del></del>	
156-60-5	Trans-1,2-Dichloroethene		-	6	Ū
78-87-5	1,2-Dichlorogropane			. 6	Ū
142-28-9	1,3-Dichloropropane			6	U
594-20-7	2,2-Dichloropropane			. 6	Ũ
563-58-6	1,1-Dichloropropene			6	U
10061-01-5	Cis-1,3-Dichloropropene			6	U
10061-02-6	Trans-1,3-Dichloropropene		•	6	Ü
110-57-6	Cis-1,4-Dichloro-2-Butene			6	Ū
110-57-6	Trans-1,4-Dichloro-2-Butene			6	U
100-41-4	Ethylbenzene			6	Ū
97-63-2	Ethyl Methacrylate			6	Ü
87-68-3		••		6	U
591-78-6	2-Hexanone			12	Ū
74-88-4	Iodomethane	•		6	U
98-82-8	Isopropylbenzene			6	U
99-87-6	P-Isopropyltoluene			6	U
126-98-7	Methacrylonitrile			6	Ŭ
75-09-2	Methylene Chloride			12	Ū
80-62-6	Methyl Methacrylate			6	Ü
108-10-1	4-Methyl-2-Pentanone			12	Ū
1634-04-4	Methyl-tert-Butyl ether			6	U
91-20-3	Naphthalene		٠.	. 6	Ü
76-01-7	Pentachloroethane			. 6	U
103-65-1	N-Propylbenzene		"	. 6	Ü
100-42-5	Styrene			6	Ü
630-20-6	1,1,1,2-Tetrachloroethane			6	Ü
79-34-5	1,1,2,2-Tetrachloroethane			. 6	U
127-18-4	Tetrachloroethene			2	J
108-88-3	Toluene			6	Ü
87-61-6	1,2,3-Trichkorobenzene			6	U
120-82-1	1,2,4-Trichtorobenzene			6	U
71-55-6	1,1,1-Trichloroethane			6	U
79-00-5	1,1,2-Trichloroethane .			. 6	U
79-01-6	Trichloroethene	]		6.1	Ŭ

SW-846 VULATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

" SDG, No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831105

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0919713.D

Level: (low/med) LOW

Date Received: 108/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL) -

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/kg	Q
75-69-4	Trichlorofluoromethane		6	U
96-18-4	1,2,3-Trichloropropane		6	U
95-63-6	1,2,4-Trimethylbenzene		6	O
108-67-8	1,3,5-Trimethylbenzene		, 6	U
108-05-4	Vinyl Acetate		12	U
75-01-4	Vinyl Chloride		12	Ū
1330-20-7	Xvlene (Total)		6	Ū

1E

CLIENT SAMPLE NO.

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

(uL) '

Method: 8260

Lab Code: IEA

Lab Name: IEA-NC

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831105

S-1-81

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819713.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec. 15

Date Analyzed: 08/19/96

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Soil Extract Volume:

Dilution Factor: 1.0

GC Column: DB-624 ID: 0.53 (mm)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q .
		,		

... FORM I VOA-TIC

**DICE 02030** 

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-4-1'A

•. •. •. •.

Lab Name: IEA-NC Method: 8260

Lab Code: IEA ' Case No.: 978-065 SDG No.: 08311

Matrix: (soil/water) SOIL Lab Sample ID: 960831106

Sample wt/vol: 5 (g/mL) g Lab File ID: 0819714.D

Level: (low/med) LOW Date Received: 08/16/96

\* Moisture: not dec. 15 Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53(mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) : Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/kg) ug/kg Q

107-13-1   Acrylonitrile			·	
107-13-1   Acrylonitrile	67-64-1	Acetone	12	.TP
107-05-1			<del></del>	15
71-43-2   Benzene		Allyl Chloride	<u> </u>	- 11
108-86-1   Bromobenzene				
74-97-5         Bromochloromethane         6         U           75-27-4         Bromodichloromethane         6         U           75-25-2         Bromoform         6         U           74-83-9         Bromomethane         12         U           78-93-3         2-Butanone         12         U           104-51-8         N-Butylbenzene         6         U           135-98-8         Sec-Butylbenzene         6         U           98-06-6         Tert-Butylbenzene         6         U           75-15-0         Carbon Disulfide         6         U           56-23-5         Carbon Tetrachloride         6         U           108-90-7         Chlorobenzene         6         U           124-48-1         Chlorodibromomethane         12         U           75-00-3         Chloroethane         12         U           110-75-8         2-Chloroethyl Vinyl Ether         12         U           67-66-3         Chloroform         6         U           74-87-3         Chloroethane         12         U           95-49-8         2-Chlorotoluene         6         U           106-93-4         1,2-Dibromo-3-Chloropropane			L	
75-27-4         Bromodichloromethane         6         U           75-25-2         Bromoform         6         U           74-83-9         Bromomethane         12         U           78-93-3         2-Butanone         12         U           104-51-8         N-Butylbenzene         6         U           135-98-8         Sec-Butylbenzene         6         U           98-06-6         Tert-Butylbenzene         6         U           75-15-0         Carbon Disulfide         6         U           108-90-7         Chlorobenzene         6         U           124-48-1         Chlorodibromomethane         6         U           75-00-3         Chloroethane         12         U           110-75-8         2-Chloroethyl Vinyl Ether         12         U           67-66-3         Chloroform         6         U           74-87-3         Chlorotoluene         6         U           95-49-8         2-Chlorotoluene         6         U           106-93-4         1,2-Dibromo-3-Chloropropane         6         U           106-93-4         1,2-Dibromoethane         6         U           74-95-3         Dibromomethane				
75-25-2       Bromoform       6       U         74-83-9       Bromomethane       12       U         78-93-3       2-Butanone       12       U         104-51-8       N-Butylbenzene       6       U         135-98-8       Sec-Butylbenzene       6       U         98-06-6       Tert-Butylbenzene       6       U         75-15-0       Carbon Disulfide       6       U         56-23-5       Carbon Tetrachloride       6       U         108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       12       U         75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chlorotoluene       6       U         95-49-8       2-Chlorotoluene       6       U         106-93-4       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromo-s-Chloropropane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene <td< td=""><td></td><td></td><td></td><td></td></td<>				
74-83-9       Bromomethane       12       U         78-93-3       2-Butanone       12       U         104-51-8       N-Butylbenzene       6       U         135-98-8       Sec-Butylbenzene       6       U         98-06-6       Tert-Butylbenzene       6       U         75-15-0       Carbon Disulfide       6       U         56-23-5       Carbon Tetrachloride       6       U         108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       5       U         75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromo-3-Chloropropane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene				
78-93-3       2-Butanone       12       U         104-51-8       N-Butylbenzene       6       U         135-98-8       Sec-Butylbenzene       6       U         98-06-6       Tert-Butylbenzene       6       U         75-15-0       Carbon Disulfide       6       U         56-23-5       Carbon Tetrachloride       6       U         108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       6       U         75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U		<u> </u>		
104-51-8       N-Butylbenzene       6       U         135-98-8       Sec-Butylbenzene       6       U         98-06-6       Tert-Butylbenzene       6       U         75-15-0       Carbon Disulfide       6       U         56-23-5       Carbon Tetrachloride       6       U         108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       6       U         75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U				
135-98-8       Sec-Butylbenzene       6       U         98-06-6       Tert-Butylbenzene       6       U         75-15-0       Carbon Disulfide       6       U         56-23-5       Carbon Tetrachloride       6       U         108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       6       U         75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U				
98-06-6         Tert-Butylbenzene         6         U           75-15-0         Carbon Disulfide         6         U           56-23-5         Carbon Tetrachloride         6         U           108-90-7         Chlorobenzene         6         U           124-48-1         Chlorodibromomethane         6         U           75-00-3         Chloroethane         12         U           67-66-3         Chloroform         6         U           67-66-3         Chloroform         6         U           74-87-3         Chloromethane         12         U           95-49-8         2-Chlorotoluene         6         U           106-43-4         4-Chlorotoluene         6         U           96-12-8         1,2-Dibromo-3-Chloropropane         6         U           106-93-4         1,2-Dibromoethane         6         U           74-95-3         Dibromomethane         6         U           95-50-1         1,2-Dichlorobenzene         6         U           541-73-1         1,3-Dichlorobenzene         6         U				
75-15-0       Carbon Disulfide       6       U         56-23-5       Carbon Tetrachloride       6       U         108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       6       U         75-00-3       Chloroethane       12       U         67-66-3       Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U				
56-23-5       Carbon Tetrachloride       6       U         108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       6       U         75-00-3       Chloroethane       12       U         67-66-3       Chloroform       12       U         67-87-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U				
108-90-7       Chlorobenzene       6       U         124-48-1       Chlorodibromomethane       6       U         75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U	75-15-0			
124-48-1       Chlorodibromomethane       6       U         75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U	56-23-5			
75-00-3       Chloroethane       12       U         110-75-8       2-Chloroethyl Vinyl Ether       12       U         67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U		Chloropenzene		
110-75-8       2-Chloroethyl Vinyl Ether       12       0         67-66-3       Chloroform       6       0         74-87-3       Chloromethane       12       0         95-49-8       2-Chlorotoluene       6       0         106-43-4       4-Chlorotoluene       6       0         96-12-8       1,2-Dibromo-3-Chloropropane       6       0         106-93-4       1,2-Dibromoethane       6       0         74-95-3       Dibromomethane       6       0         95-50-1       1,2-Dichlorobenzene       6       0         541-73-1       1,3-Dichlorobenzene       6       0				
67-66-3       Chloroform       6       U         74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U		Chloroethane		
74-87-3       Chloromethane       12       U         95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U		2-Chloroethyl Vinyl Ether		
95-49-8       2-Chlorotoluene       6       U         106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U	67-66-3			
106-43-4       4-Chlorotoluene       6       U         96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U	74-87-3			
96-12-8       1,2-Dibromo-3-Chloropropane       6       U         106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U				
106-93-4       1,2-Dibromoethane       6       U         74-95-3       Dibromomethane       6       U         95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U				
74-95-3         Dibromomethane         6         U           95-50-1         1,2-Dichlorobenzene         6         U           541-73-1         1,3-Dichlorobenzene         6         U				
95-50-1       1,2-Dichlorobenzene       6       U         541-73-1       1,3-Dichlorobenzene       6       U		1,2-Dibromoethane		
541-73-1 1,3-Dichlorobenzene 6 U		Dibromomethane		
541-73-1 1,3-Dichlorobenzene . 6 U		1,2-Dichlorobenzene	6	
	541-73-1		6	
	106-46-7	1,4-Dichlorobenzene	. 6	U
75-71-8 Dichlorodifluoromethane 12 U			12	U
75-34-3 1,1-Dichloroethane 6 U			6	U
107-06-2 1,2-Dichloroethane 6 U		1.2-Dichloroethane	6	U
75-35-4 1,1-Dichloroethene 6 U		1.1-Dichloroethene	6	U
156-59-2 Cig-1,2-Dichloroethene 6 U			6	U

1A SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-NC Method: 8260

Lab Code: IEA

. Case No.: 978-065 SDG No.: 08311

Lab Sample ID: 960831106 Matrix: (soil/water) SOIL :

Lab File ID: 0819714.D Sample wt/vol: 5 (g/mL) g

Date Received: 08/16/96 Level: (low/med) LOW

Date Analyzed: 08/19/96 % Moisture: not dec. 15

Dilution Factor: 1.0 GC Column: DB-624 ID: 0.53 (mm)

Soil Aliquot Volume: (uL) Soil Extract Volume: (uL)

CONCENTERATION INTES.

CAS NO.	COMPOUND	(ug/L or ug/F		g/kg	Q
		<del></del>	<del></del>	4	
156 60 5	m	•	, j	ا م	
156-60-5 78-87-5	Trans-1,2-Dichloroethen	<u>e</u>		6	<u> </u>
	1,2-Dichloropropane		<u> </u>	- 6	-8
142-28-9	1,3-Dichloropropane		<del></del> -	- 6	8
594-20-7	2,2-Dichloropropane	<u> </u>			- 6
563-58-6	1,1-Dichloropropene	<del></del>			8
10061-01-5	Cis-1,3-Dichloropropene		~	6	<del>- ö</del>
10061-02-6	Trans-1,3-Dichloroprope			6	<del>-</del>
110-57-6	Cis-1,4-Dichloro-2-Bute			6	U
110-57-6	Trans-1,4-Dichloro-2-Bu			6	Ü
100-41-4	Ethylbenzene	<b>\$</b> . '		6	U
97-63-2	Ethyl Methacrylate			6	U
87-68-3	Hexachlorobutadiene			6	U
591-78-6	2-Hexanone			12	U
74-88-4	Iodomethane			6	U
98-82-8	Isopropylbenzene			6	Ū
99-87-6	P-Isopropyltoluene			6	Ü
126-98-7	Methacrylonitrile			6	U
75-09-2	Methylene Chloride			12	U
80-62-6	Methyl Methacrylate			6	ΰ
108-10-1	4-Methyl-2-Pentanone			12	Ü
1634-04-4	Methyl-tert-Butyl ether			6	U
91-20-3	Naphthalene			6	U
76-01-7	Pentachloroethane			. 6	U
103-65-1	N-Propylbenzene	. •	1	. 6	U ·
100-42-5	Styrene :			61	U
630-20-6	1,1,1,2-Tetrachloroetha	ne		6	U
79-34-5	1,1,2,2-Tetrachloroetha	ne		. 6	U
127-18-4	Tetrachloroethene			6	U
108-88-3	Toluene :		<del></del>	6	U
87-61-6	1,2,3-Trichlorobenzene		1	6	U
120-82-1	1,2,4-Trichlorobenzene		:	6	U
71-55-6	1,1,1-Trichloroethane			6	U
79-00-5	1,1,2-Trichloroethane		.	6	Ū
79-01-6	Trichloroethene		-1	6	U

CLIENT SAMPLE NO. SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831106

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819714.D

Level: (low/med) LOW .......

Date Received: 08/16/96

\* Moisture: not dec. 15 ....

Date Analyzed: 08/19/96

GC Column: DB-624

: ID:: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/kg CAS NO. COMPOUND

75-69-4	Trichlorofluoromethane	. •	6	U
96-18-4	1,2,3-Trichloropropane		- 6	U
95-63-6	1,2,4-Trimethylbenzene		6	
108-67-8	1,3,5-Trimethylbenzene		6	U
108-05-4	Vinyl Acetate		12	
75-01-4	Vinyl Chloride		12	Ū
1330-20-7	Xylene (Total)		6	Ū

1E

ID: 0.53 (mm)

CLIENT SAMPLE NO.

SW-846 .OLATILE ORGANICS ANALYSIS LATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

S-4-1'A

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831106

Sample wt/vol: 5 (g/mL)

Lab File ID: 0819714.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Number TICs Found: 0

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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			<del> </del>	
	4			
		<u> </u>		
				<del> </del>
		<del></del>		
		<del> </del>		
<del></del>		,	7.	
	- M		٠,	
		<u> </u>		<del> </del>
		- :	<del> </del>	<del> </del>
,				
	l	<u> </u>	l	1

FORM I VOA-TIC

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT SAMPLE NO.

9-2-1'B

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831107

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819715.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53(mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.		g/L or ug/Kg) ug/k	ġ Q
67-64-1	Acetone		8 ЈВ
107-13-1	Acrylonitrile		6 0
107-05-1	Allyl Chloride		6 0
71-43-2	Benzene		6 0
108-86-1	Bromobenzene		6 0
74-97-5	Bromochloromethane		6 0
75-27-4	Bromodichlorcmethane		6 U
75-25-2	Bromoform.		6 0
74-83-9	Bromomethane		12 U
78-93-3	2-Butanone		12 U
104-51-8	N-Butylbenzene		6 Ü
135-98-8	Sec-Butylbenzene	1 121	6 U
98-06-6	Tert-Butylbenzene		6 0
75-15-0	Carbon Disulfide		6 0
56-23-5	Carbon Tetrachloride		6 U
108-90-7	Chlorobenzene		6 0
124-48-1	Chlorodibromomethane		6 0
75-00-3	Chloroethane		12 U
110-75-8	2-Chloroethyl Vinyl Ether		12 U
67-66-3	Chloroform		6 U
74-87-3	Chloromethane		12 0
95-49-8	2-Chlorotoluene		6 Ü
106-43-4	4-Chlorotoluene		6 U
96-12-8	1,2-Dibromo-3-Chloropropan	e	<u>.</u> 6 U
106-93-4	1,2-Dibromoethane		6 U
74-95-3	Dibromomethane		6 U
95-50-1	1,2-Dichlorobenzene		6 U
541-73-1	1,3-Dichlorobenzene	· · · · · · · · · · · · · · · · · · ·	6 U
106-46-7	1,4-Dichlorobenzene		6 U
75-71-8	Dichlorodifluoromethane		12 U .
75-34-3	1,1-Dichloroethane		6 U
107-06-2	1,2-Dichlorogchane		6 U
75-35-4	1,1-Dichloroethene		6 U
156-59-2	Cis-1,2-Dichloroethene		6 U

SW-846 VULATILE ORGANICS ANALYSIS DALA SHEET

S-2-1'B

Lab Name: IEA-NC

Method: 8260

SDG No.: 08311

Lab Code: IEA

Case No.: 978-065

Matrix: (soil/water) SOIL

Lab Sample ID: 960831107

Sample wt/vol: 5 (g/mL)

Lab File ID: 0819715.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) ug/kg

156-60-5				* :		
78-87-5         1,2-Dichloropropane         6         U           142-28-9         1,3-Dichloropropane         6         U           594-20-7         2,2-Dichloropropane         6         U           563-58-6         1,1-Dichloropropene         6         U           10061-01-5         Cis-1,3-Dichloropropene         6         U           10061-02-6         Trans-1,3-Dichloropropene         6         U           110-57-6         Cis-1,4-Dichloro-2-Butene         6         U           110-57-6         Trans-1,4-Dichloro-2-Butene         6         U           100-41-4         Ethylbenzene         6         U           97-63-2         Ethyl Methacrylate         6         U           87-68-3         Hexachlorobutadlene         6         U           591-78-6         2-Hexanone         12         U           74-88-4         Iodomethane         6         U           99-87-6         P-Isopropylbenzene         6         U           99-87-6         P-Isopropyltoluene         6         U           126-98-7         Methacrylontrile         6         U           80-62-6         Methyl Methacrylate         6         U	156.60.5	Trang 1 2-Dichloroothone			6	ττ
142-28-9       1,3-Dichlorophopane       6       U         594-20-7       2,2-Dichloropropane       6       U         563-58-6       1,1-Dichloropropene       6       U         10061-01-5       Cis-1,3-Dichloropropene       6       U         10061-02-6       Trans-1,3-Dichloropropene       6       U         110-57-6       Cis-1,4-Dichloro-2-Butene       6       U         110-57-6       Trans-1,4-Dichloro-2-Butene       6       U         100-41-4       Ethylbenzene       6       U         97-63-2       Ethyl Methacrylate       6       U         87-68-3       Hexachlorobutadlene       6       U         74-88-4       Iodomethane       12       U         74-88-4       Iodomethane       6       U         98-82-8       Isopropylbenzene       6       U         99-87-6       P-Isopropyltoluene       6       U         126-98-7       Methacrylonitrile       6       U         75-09-2       Methyl-enchloride       12       U         80-62-6       Methyl-enchloride       12       U         80-62-6       Methyl-enchloride       0       U         91-20-3						
594-20-7		1,2-Dichloropropage	<del></del>	····		
10061-01-5		2 3-Diceleropropage				
10061-01-5		2,2-Dichioropropane				
10061-02-6			`			
110-57-6						
110-57-6         Trans-1,4-Dichloro-2-Butene         6         U           100-41-4         Ethylbenzene         6         U           97-63-2         Ethyl Methacrylate         6         U           87-68-3         Hexachlorobutadiene         6         U           591-78-6         2-Hexanone         12         U           74-88-4         Iodomethane         6         U           98-82-8         Isopropylbenzene         6         U           99-87-6         P-Isopropyltoluene         6         U           126-98-7         Methacrylate         6         U           75-09-2         Methylene Chloride         12         U           80-62-6         Methyl Methacrylate         6         U           108-10-1         4-Methyl-2-Pentanone         12         U           1634-04-4         Methyl-tert-Butyl ether         6         U           91-20-3         Naphthalene         6         U           76-01-7         Pentachloroethane         6         U           103-65-1         N-Propylbenzene         6         U           100-42-5         Styrene         6         U           630-20-6         1,1,1,2-Tetr						
100-41-4   Ethylbenzene			<del></del>	<u></u>		
97-63-2       Ethyl Methacrylate       6       U         87-68-3       Hexachlorobutadiene       6       U         591-78-6       2-Hexanone       12       U         74-88-4       Iodomethane       6       U         98-82-8       Isopropylbenzene       6       U         99-87-6       P-Isopropyltoluene       6       U         126-98-7       Methacrylonitrile       6       U         75-09-2       Methylene Chloride       12       U         80-62-6       Methyl Methacrylate       6       U         108-10-1       4-Methyl-2-Pentanone       12       U         1634-04-4       Methyl-tert-Butyl ether       6       U         91-20-3       Naphthalene       6       U         76-01-7       Pentachloroethane       6       U         100-42-5       Styrene       6       U         630-20-6       1,1,1,2-Tetrachloroethane       6       U         79-34-5       1,1,2,2-Tetrachloroethane       6       U         108-88-3       Toluene       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         120-82-1       1,2,4-Trichlorobenzen						
87-68-3       Hexachlorobutadiene       6       U         591-78-6       2-Hexanone       12       U         74-88-4       Iodomethane       6       U         98-82-8       Isopropylbenzene       6       U         99-87-6       P-Isopropyltoluene       6       U         126-98-7       Methacrylonitrile       6       U         75-09-2       Methylene Chloride       12       U         80-62-6       Methyl Methacrylate       6       U         108-10-1       4-Methyl-2-Pentanone       12       U         1634-04-4       Methyl-tert-Butyl ether       6       U         91-20-3       Naphthalene       6       U         76-01-7       Pentachloroethane       6       U         103-65-1       N-Propylbenzene       6       U         100-42-5       Styrene       6       U         630-20-6       1,1,1,2-Tetrachloroethane       6       U         79-34-5       1,1,2,2-Tetrachloroethane       6       U         127-18-4       Tetrachloroethane       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         120-82-1       1,2,4-Trichlo						
591-78-6       2-Hexanone       12       U         74-88-4       Iodomethane       6       U         98-82-8       Isopropylbenzene       6       U         99-87-6       P-Isopropyltoluene       6       U         126-98-7       Methacrylonitrile       6       U         75-09-2       Methylene Chloride       12       U         80-62-6       Methyl Methacrylate       6       U         108-10-1       4-Methyl-2-Pentanone       12       U         1634-04-4       Methyl-tert-Butyl ether       6       U         91-20-3       Naphthalene       6       U         76-01-7       Pentachloroethane       6       U         103-65-1       N-Propylbenzene       6       U         100-42-5       Styrene       6       U         630-20-6       1,1,1,2-Tetrachloroethane       6       U         79-34-5       1,1,2,2-Tetrachloroethane       6       U         108-88-3       Toluene       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         87-61-6       1,2,4-Trichlorobenzene       6       U         71-55-6       1,1,1-Trichlorobenzen						
74-88-4       Iodomethane       6       U         98-82-8       Isopropylbenzene       6       U         99-87-6       P-Isopropyltoluene       6       U         126-98-7       Methacrylonitrile       6       U         75-09-2       Methylene Chloride       12       U         80-62-6       Methyl Methacrylate       6       U         108-10-1       4-Methyl-2-Pentanone       12       U         1634-04-4       Methyl-tert-Butyl ether       6       U         91-20-3       Naphthalene       6       U         76-01-7       Pentachloroethane       6       U         103-65-1       N-Propylbenzene       6       U         100-42-5       Styrene       6       U         630-20-6       1,1,1,2-Tetrachloroethane       6       U         79-34-5       1,1,2,2-Tetrachloroethane       6       U         108-88-3       Toluene       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         120-82-1       1,2,4-Trichlorobenzene       6       U         71-55-6       1,1,1-Trichlorobenzene       6       U					1_	
98-82-8         Isopropylbenzene         6         U           99-87-6         P-Isopropyltoluene         6         U           126-98-7         Methacrylonitrile         6         U           75-09-2         Methylene Chloride         12         U           80-62-6         Methyl Methacrylate         6         U           108-10-1         4-Methyl-2-Pentanone         12         U           1634-04-4         Methyl-tert-Butyl ether         6         U           91-20-3         Naphthalene         6         U           76-01-7         Pentachloroethane         6         U           103-65-1         N-Propylbenzene         6         U           100-42-5         Styrene         6         U           630-20-6         1,1,1,2-Tetrachloroethane         6         U           127-18-4         Tetrachloroethane         2         J           108-88-3         Toluene         6         U           87-61-6         1,2,3-Trichlorobenzene         6         U           120-82-1         1,2,4-Trichlorobenzene         6         U           71-55-6         1,1,1-Trichlorobethane         6         U						
99-87-6         P-Isopropyltoluene         6         U           126-98-7         Methacrylonitrile         6         U           75-09-2         Methylene Chloride         12         U           80-62-6         Methyl Methacrylate         6         U           108-10-1         4-Methyl-2-Pentanone         12         U           1634-04-4         Methyl-tert-Butyl ether         6         U           91-20-3         Naphthalene         6         U           76-01-7         Pentachloroethane         6         U           103-65-1         N-Propylbenzene         6         U           100-42-5         Styrene         6         U           630-20-6         1,1,1,2-Tetrachloroethane         6         U           127-18-4         Tetrachloroethane         2         J           108-88-3         Toluene         6         U           87-61-6         1,2,3-Trichlorobenzene         6         U           71-55-6         1,1,1-Trichloroethane         6         U						
126-98-7       Methacrylonitrile       6       U         75-09-2       Methylene Chloride       12       U         80-62-6       Methyl Methacrylate       6       U         108-10-1       4-Methyl-2-Pentanone       12       U         1634-04-4       Methyl-tert-Butyl ether       6       U         91-20-3       Naphthalene       6       U         76-01-7       Pentachloroethane       6       U         103-65-1       N-Propylbenzene       6       U         100-42-5       Styrene       6       U         630-20-6       1,1,1,2-Tetrachloroethane       6       U         79-34-5       1,1,2,2-Tetrachloroethane       6       U         127-18-4       Tetrachloroethane       2       J         108-88-3       Toluene       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         71-55-6       1,1,1-Trichloroethane       6       U						
Methylene Chloride						
80-62-6       Methyl Methacrylate       6       U         108-10-1       4-Methyl-2-Pentanone       12       U         1634-04-4       Methyl-tert-Butyl ether       6       U         91-20-3       Naphthalene       6       U         76-01-7       Pentachloroethane       6       U         103-65-1       N-Propylbenzene       6       U         100-42-5       Styrene       6       U         630-20-6       1,1,1,2-Tetrachloroethane       6       U         79-34-5       1,1,2,2-Tetrachloroethane       6       U         127-18-4       Tetrachloroethane       2       J         108-88-3       Toluene       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         71-55-6       1,1,1-Trichloroethane       6       U						
108-10-1		Methylene Chloride				
1634-04-4       Methyl-tert-Butyl ether       6       U         91-20-3       Naphthalene       6       U         76-01-7       Pentachloroethane       6       U         103-65-1       N-Propylbenzene       6       U         100-42-5       Styrene       6       U         630-20-6       1,1,1,2-Tetrachloroethane       6       U         79-34-5       1,1,2,2-Tetrachloroethane       6       U         127-18-4       Tetrachloroethane       2       J         108-88-3       Toluene       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         120-82-1       1,2,4-Trichlorobenzene       6       U         71-55-6       1,1,1-Trichloroethane       6       U		Methyl Methacrylate				
91-20-3		4-Methyl-2-Pentanone				
76-01-7       Pentachloroethane       6       0         103-65-1       N-Propylbenzene       6       0         100-42-5       Styrene       6       0         630-20-6       1,1,2,2-Tetrachloroethane       6       0         79-34-5       1,1,2,2-Tetrachloroethane       6       0         127-18-4       Tetrachloroethane       2       3         108-88-3       Toluene       6       0         87-61-6       1,2,3-Trichlorobenzene       6       0         120-82-1       1,2,4-Trichlorobenzene       6       0         71-55-6       1,1,1-Trichlorobethane       6       0						
103-65-1       N-Propylbenzene       6       0         100-42-5       Styrene       6       0         630-20-6       1,1,1,2-Tetrachloroethane       6       0         79-34-5       1,1,2,2-Tetrachloroethane       6       0         127-18-4       Tetrachloroethane       2       0         108-88-3       Toluene       6       0         87-61-6       1,2,3-Trichlorobenzene       6       0         120-82-1       1,2,4-Trichlorobenzene       6       0         71-55-6       1,1,1-Trichlorobethane       6       0			_	. :		
100-42-5         Styrene         6         U           630-20-6         1,1,1,2-Tetrachloroethane         6         U           79-34-5         1,1,2,2-Tetrachloroethane         6         U           127-18-4         Tetrachloroethane         2         J           108-88-3         Toluene         6         U           87-61-6         1,2,3-Trichlorobenzene         6         U           120-82-1         1,2,4-Trichlorobenzene         6         U           71-55-6         1,1,1-Trichlorobethane         6         U						
630-20-6       1,1,1,2-Tetrachloroethane       6       0         79-34-5       1,1,2,2-Tetrachloroethane       6       0         127-18-4       Tetrachloroethane       2       J         108-88-3       Toluene       6       0         87-61-6       1,2,3-Trichlorobenzene       6       0         120-82-1       1,2,4-Trichlorobenzene       6       0         71-55-6       1,1,1-Trichlorobethane       6       0		N-Propylbenzene				
630-20-6		Styrene				
127-18-4       Tetrachloroechane       2       J         108-88-3       Toluene       6       U         87-61-6       1,2,3-Trichlorobenzene       6       U         120-82-1       1,2,4-Trichlorobenzene       6       U         71-55-6       1,1,1-Trichlorobethane       6       U	630-20-6	1,1,1,2-Tetrachloroethane				
127-18-4   Tetrachloroethane   2	79-34-5	1,1,2,2-Tetrachloroethane				U :
108-88-3   Toluene	127-18-4				2	
87-61-6       1,2,3-Trichlorobenzene       6       0         120-82-1       1,2,4-Trichlorobenzene       6       0         71-55-6       1,1,1-Trichloroethane       6       0	108-88-3					ับ
120-82-1		1,2,3-Trichlorobenzene				
71-55-6 1,1,1-Trichloroethane 6 U				•	6	บ
						U
	79-00-5	1,1,2-Trichleroethane			6_	Ū
79-01-6 Trichloroethene 6 U					6	U

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-NC

Method: 8260

S-2-1'B

Lab Code: IEA

" Case No.: 978-065 SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831107

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0819715.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624

1D:270453 (mm)

Dilution Factor: 1.0

Soil Extract Volume: i

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/kg) ug/kg

<u> </u>		<del> </del>		
75-69-4	Trichlorofluoromethane	:	: 6	U
96-18-4	1,2,3-Trichloropropane		6	U
95-63-6	1,2,4-Trimethylbenzene		 6	U
108-67-8	1,3,5-Trimethylbenzene		 6	บ
108-05-4	Vinyl Acetate		12	Ŭ_
75-01-4	Vinyl Chloride	-	 12	Ŭ
1330-20-7	Xylene (Total)		 6	Ŭ

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065 SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831107

Sample wt/vol: 5 (g/mL) · g

Lab File ID: 0819715.D

S-2-1'B

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 15

Date Analyzed: 08/19/96

GC Column: DB-624 ID: 0.53 (mm)

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Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

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SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-3-1'

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831108

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0820703.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec. 14

Soil Extract Volume: (uL)

Date Analyzed: 08/20/96

GC Column: DB-624

ID: .53 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/kg	Q
67-64-1	Acetone		12	JB
107-13-1	Acrylonitrile		· · · · · · · · · · · · · · · · · · ·	<del>- 0 -</del> 1
107-05-1	Allyl Chloride			Ü
71-43-2	Benzene		6	0
108-86-1	Bromobenzene		6	0
74-97-5	Bromochloromethane		. 6	Ū
75-27-4	Bromodichloromethane		6	Ū
75-25-2	Bromoform		6	Ū
74-83-9	Bromomethane		12	U
78-93-3	2-Butanone		12	U
104-51-8	N-Butylbenzene		6	Ü
135-98-8	Sec-Butylbenzene		6	Ū
98-06-6	Tert-Butylbenzene		6	Ū
75-15-0	Carbon Disulfide		6	U
56-23-5	Carbon Tetrachloride		6	U
108-90-7	Chlorobenzene		6	U
124-48-1	Chlorodibromomethane		6	U
75-00-3	Chloroethane		12	Ū
110-75-8	2-Chloroethyl Vinyl Ethe	r	12	U
67-66-3	Chloroform		6	U
74-87-3	Chloromethane		12	Ü
95-49-8	2-Chlorotoluene		. 6	U
106-43-4	4-Chlorotoluene	1 -	6	U
96-12-8	1,2-Dibromo-3-Chloroprop	ane	6	U
106-93-4	1,2-Dibromoethane		6	U
74-95-3	Dibromomethane		6	U
95-50-1	1,2-Dichlorobenzene		6	U
541-73-1	1,3-Dichlorobenzene		6	U
106-46-7	1,4-Dichlorobenzene		6	U
75-71-8	Dichlorodifluoromethane		12	U
75-34-3	1,1-Dichloroethane		6	Ü
107-06-2	1,2-Dichloroethane		6	U
75-35-4	1,1-Dichloroethene		6	Ü
156-59-2	Cis-1.2-Dichloroethene		6_	U

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831108

S-3-1'

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0820703.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec. 14

Date Analyzed: 08/20/96

GC Column: DB-624 ID: .53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO

COMPOINT

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/kg	Q
156-60-5	Trans-1,2-Dichloroethe	ene	6	บ_ (
78-87-5	1,2-Dichloropropane		6	Ū
142-28-9	1,3-Dichloropropane		6	U
594-20-7	2,2-Dichloropropane		- 6	Ü
563-58-6	1,1-Dichloropropene		6	Ü
10061-01-5	Cis-1,3-Dichloroproper	le	6	Ū
10061-02-6	Trans-1,3-Dichloroprop	ene	6	U
110-57-6	Cis-1,4-Dichloro-2-But	ene	6	0_
110-57-6	Trans-1,4-Dichloro-2-E	lutene	6	U
100-41-4	Ethylbenzene		6	Ü
97-63-2	Ethyl Methacrylate		6	U
87-68-3	Hexachlorobutadiene		6	U
591-78-6	2-Hexanone		12	U
74-88-4	Iodomethane		6	Ü
98-82-8	Isopropylbenzene		6	U
99-87-6	P-Isopropyltoluene		6	U
126-98-7	Methacrylonitrile		6	U
75-09-2	Methylene Chloride		12	U
80-62-6	Methyl Methacrylate		6	U
108-10-1	4-Methyl-2-Pentanone		12	U
1634-04-4	Methyl-tert-Butyl ethe	er	6	U
91-20-3	Naphthalene		6	Ü
76-01-7	Pentachloroethane		. 6	U
103-65-1	N-Propylbenzene		6	U
100-42-5	Styrene		6	U
630-20-6	1,1,1,2-Tetrachloroeth	nane	6	U
79-34-5	1,1,2,2-Tetrachloroeth	ane	6	U
127-18-4	Tetrachloroethene		6	Ū
108-88-3	Toluene		6	Ū
87-61-6	1,2,3-Trichlorobenzene		6	υ.
120-82-1	1,2,4-Trichlorobenzene		6	Ū
71-55-6	1,1,1-Trichloroethane		6	Ü
79-00-5	1,1,2-Trichloroethane		6	U
79-01-6	Trichloroethene		6	Ü

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-3-11

Lab Name: IEA-NC

Method: 8260

SDG No.: 08311

Lab Code: IEA

Case No.: 978-065

Matrix: (soil/water) SOIL

Lab Sample ID: 960831108

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0820703.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec. 14

Date Analyzed: 08/20/96

GC Column: DB-624 ID: ..53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/kg	Q
75-69-4	Trichlorofluoromethane		. 6	U
96-18-4	1,2,3-Trichloropropane		- 6	Ŭ.
95-63-6	1,2,4-Trimethylbenzene		6	U
108-67-8	1,3,5-Trimethylbenzene		6	U ·
108-05-4	Vinyl Acetate		12	U
75-01-4	Vinyl Chloride		. 12	Ŭ
1330-20-7	Xylene (Total)		6	U

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

S-3-1'

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831108

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0820703.D

Level: (low/med) LOW

Date Received: 08/16/96

\* Moisture: not dec. 14

Date Analyzed: 08/20/96

GC Column: DB-624

ID: .53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL) .

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

CAS	NUMBER	COMPOUND NAME		EST. CONC.	Q
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FORM I VOA-TIC

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-4-1B'

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA Case No.: 978-065

SDG No.: 08311

CLIENT SAMPLE NO.

Matrix: (soil/water) SOIL .

Lab Sample ID: 960831110

Sample wt/vol: 5 (g/mL) g

Lab File ID: 0820708.D

Level: (low/med) LOW ...

Date Received: 08/16/96

\* Moisture: not dec. 12

Date Analyzed: 08/20/96

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND (ug/L or	ug/Kg)	ug/kg	Q
67-64-1	Acetone		57	ט
107-13-1	Acrylonitrile		6	ŏ
107-05-1	Allyl Chloride		6	Ö
71-43-2	Benzene		6	Ü
108-86-1	Bromobenzene		6	0
74-97-5	Bromochloromethane	- 4	. 6	Ü
75-27-4	Bromodichloromethane		6	U
75-25-2	Bromoform-		6	0
74-83-9	Bromomethane		11	U
78-93-3	2-Butanone	<del></del>	11	U
104-51-8	N-Butylbenzene		6	U
135-98-8	Sec-Butylbenzene	4.4.	6	Ū
98-06-6	Tert-Butylbenzene		6	Ū
75-15-0	Carbon Disulfide		6	O
56-23-5	Carbon Tetrachloride		6	U
108-90-7	Chlorobenzene	1	: 6	U
124-48-1	Chlorodibromomethane		6	U
75-00-3	Chloroethane		11	0
110-75-8	2-Chloroethyl Vinyl Ether		11	Ü
67-66-3	Chloroform		6	U
74-87-3	Chloromethane		11	U
95-49-8	2-Chlorotoluene		6	Ŭ
106-43-4	4-Chlorotoluene		. 6	U
96-12-8	1,2-Dibromo-3-Chloropropane		** : ** 36	Ü
106-93-4	1,2-Dibromoethane		6	U
74-95-3	Dibromomethane		. 6	U
95-50-1	1,2-Dichlorobenzene		6	U
541-73-1	1,3-Dichlorobenzene		. 6	U
106-46-7	1,4-Dichlorobenzene		6	U
75-71-8	Dichlorodifluoromethane		11	U
75-34-3	1,1-Dichloroethane		. 6	Ü
107-06-2	1,2-Dichloroethane		6	U
75-35-4	1,1-Dichloroethene		6	U
156-59-2	Cis-1,2:Dichloroethene		5_	U

FORM I VOA

**DICE 02043** 

CLIENT SAMPLE NO. 1A SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-4-1B'

Method: 8260 S-Case No.: 978-065 Lab Name: IEA-NC

Lab Code: IEA SDG No.: 08311

Matrix: (soil/water) SOIL Lab Sample ID: 960831110

Lab File ID: 0820708.D Sample wt/vol: 5 (g/mL) :g

Date Received: 08/16/96 Level: (low/med) LOW

\* Moisture: not dec. 12 Date Analyzed: 08/20/96

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

(uL) -Soil Aliquot Volume: Soil Extract Volume: (uL)

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) : ug/kg

156-60-5	Trans 1 2 Diahlaresthere	I	6	U
78-87-5	Trans-1,2-Dichloroethene			<del>- 6</del>
142-28-9	1,2-Dichloropropane		. , _ 6	<del>- ii -</del>
594-20-7	1,3-Dichloropropane		6	<del></del> 61
563-58-6	2,2-Dichioropropane		6	<del>- 6</del> [
10061-01-5	1,1-Dichloropropene			-6-
	Cis-1,3-Dicaloropropene		. 6	- 6 -
10061-02-6	Trans-1,3-Dichloropropene			퓽
110-57-6	Cis-1,4-Dichloro-2-Butene		6	<del>- 0</del> -
110-57-6	Trans-1,4-Dichloro-2-Butene	<del></del>	6	
100-41-4	Ethylbenzene		6	Ü
97-63-2	Ethyl Methacrylate		6	Ü
87-68-3	Hexachlorobutadiene		. 6	Ü
591-78-6	2-Hexanone		11	U
74-88-4	Iodomethane		.: 6	Ü
98-82-8	Isopropylbenzene		6	Ü
99-87-6	P-Isopropyltoluene		6	U
126-98-7	Methacrylonitrile		6	U
75-09-2	Methylene Chloride	•	11	Ü
80-62-6	Methyl Methacrylate		6	U
108-10-1	4-Methyl-2-Pentanone		11	U
1634-04-4	Methyl-tert-Butyl ather		6	Ü
91-20-3	Naphthalene		- 6	Ŭ
76-01-7	Pentachloroethane		6	U
103-65-1	N-Propylbengene		. 6	U
100-42-5	Styrene		6	U
630-20-6	1,1,1,2; Tetrachloroethane		6	U
79-34-5	1,1,2,2-Tetrachloroethane		6	Ü
127-18-4	Tetrachloroethene		. 6	Ū
108-88-3	Toluene		6	U
87-61-6	1.2.3-Trichlorobenzene		. 6	U
120-82-1	1.2.4-Trichtorobenzene		6	U
71-55-6	1,1,1-Trichlorcethane		6	U
79-00-5	1,1,2-Trichloroethane	<del></del>	6	Ū
79-01-6	Trichloroethene		6	U

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET

S-4-1B'

Lab Name: IEA-NC

Method: 8260

Lab Code: IEA

Case No.: 978-065

. SDG"No.: 08311

Matrix: (soil/water) SOIL

Lab Sample ID: 960831110

Sample wt/vol: 5 (g/mL)

Lab File ID: 0820708.D

Level: (low/med) LOW " "

Date Received: 08/16/96

\* Moisture: not dec. 12 5

Date Analyzed: 08/20/96

GC Column: DB-624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) ug/kg

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					-
	·	•			
75-69-4	Trichlorofluoromethane			6	U
96-18-4	1,2,3-Trichloropropane			-6	U
95-63-6	1,2,4-Trimethylbenzene			6	U
108-67-8	1,3,5-Trimethylbenzene		• -	6 1	U
108-05-4	Vinyl Acetate			11	U
75-01-4	Vinyl Chloride		<u> </u>	11	<u>_</u>
1330-20-7	Xylene (Total)			6 1	U

1E

CLIENT SAMPLE NO.

SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: IEA-NC

Method: 8260

S-4-1B!

Lab Code: IEA

Case No.: 978-065

SDG No.: 08311

Matrix: (soil/water) SOIL Lab Sample ID: 960831110

Sample wt/vol: 5 (g/mL)

Lab File ID: 0820708.D

Level: (low/med) LOW

Date Received: 08/16/96

% Moisture: not dec.

Date Analyzed: 08/20/96

GC Column: DB-624

ID: -- 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

Number TICs Found: 0

Tanber Tres Fou		72 01 ug/ng		
CAS NUMBER	COMPOUND NAME	RT .	EST. CONC.	Q
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FORM I VOA-TIC

S18

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 978-065 Method: 8270 SDG No.: 08311

Matrix: (soil/water) SOIL Lab Sample ID: 960831105

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0820402.D

Level: (low/med) LOW Date Received: 08/16/96

\* Moisture: 9 decanted: (Y/N) N Date Extracted: 08/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/20/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

91-20-3----Naphthalene 91-57-6----2-Methylnaphthalene 360 360 U 360 U 91-58-7----2-Chloronaphthalene 208-96-8-----Acenaphthylene U 360 Ū 83-32-9----Acenaphthene 360 U 360 86-73-7----Fluorene U 360 85-01-8-----Phenanthrene 120-12-7-----Anthracene U 360 Ū 206-44-0----Fluoranthene 360 U 129-00-0-----Pyrene 360 U 56-55-3-----Benzo(a) anthracene 360 218-01-9-----Chrysene 205-99-2-----Benzo(b) fluoranthene 207-08-9------Benzo(k) fluoranthene U 360 Ŭ 360 360 U 50-32-8-----Benzo(a) pyrene 360 Ŭ 193-39-5----Indeno(1,2,3-cd)pyrene 360 Ū 360 53-70-3----Dibenz(a,h)anthracene\_ U 360 191-24-2----Benzo(g,h,i)perylene\_

S21A

390

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Lab Name: INDUSTRIAL & ENVIRONMENTA

50-32-8-----Benzo(a) pyrene

193-39-5----Indeno(1,2,3-cd)pyrene

53-70-3-----Dibenz(a,h)anthracene

191-24-2----Benzo(g,h,i)perylene

SDG No.: 08311 Method: 8270 Lab Code: IEA Case No.: 978-065

Lab Sample ID: 960831102 Matrix: (soil/water) SOIL

Sample wt/vol: 30.2 (g/mL) GLab File ID: 0819405.D

Level: Date Received: 08/16/96 (low/med) LOW

\* Moisture: 17 Date Extracted: 08/16/96 decanted: (Y/N) N

Concentrated Extract Volume: Date Analyzed: 08/19/96 1000 (uL)

Injection Volume: Dilution Factor: 1.0 2.0(uL)

GPC Cleanup: CONCENTRATION UNITS: (Y/N) N CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

390 91-20-3----Naphthalene 91-57-6----2-Methylnaphthalene 390 U 91-58-7----2-Chloronaphthalene 390 U 208-96-8----Acenaphthylene U 390 83-32-9----Acenaphthene 390 U 86-73-7----Fluorene U 390 85-01-8-----Phenanthrene U 390 120-12-7-----Anthracene 390 U Ū 206-44-0----Fluoranthene 390 129-00-0-----Pyrene U 390 56-55-3----Benzo(a)anthracene 390 U 218-01-9-----Chrysène 390 U 205-99-2----Benzo(b) fluoranthene U 390 207-08-9----Benzo(k) fluoranthene IJ

S21B

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Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 978-065 Method: 8270 SDG No.: 08311

Matrix: (soil/water) SOIL Lab Sample ID: 960831107

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0819410.D

Level: (low/med) LOW Date Received: 08/16/96

% Moisture: 16 decanted: (Y/N) N Date Extracted:08/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/19/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

390 U 91-20-3-----Naphthalene 390 U 91-57-6----2-Methylnaphthalene 91-58-7----2-Chloronaphthalene 390 U IJ 208-96-8-----Acenaphthylene 390 U 83-32-9----Acenaphthene\_ 390 U 390 86-73-7----Fluorena U 85-01-8-----Phenanthrene 390 Ŭ 120-12-7-----Anthracene 390 206-44-0----Fluoranthene 390 U 129-00-0-----Pyrene 390 U 56-55-3----Benzo(a) anthracene 390 U 218-01-9-----Chrysene 390 Ŭ 390 205-99-2----Benzo(b) fluoranthene 390 207-08-9----Benzo(k)fluoranthene Ū 390 50-32-8-----Benzo(a)pyrene U 390 193-39-5----Indeno(1,2,3-cd)pyrene\_ U 390 53-70-3----Dibenz(a,h)anthracene 390 U 191-24-2----Benzo(g,h,i)perylene\_

S21C

Lab Name: INDUSTRIAL & ENVIRONMENTA

Method: 8270 SDG No.: 08311 Lab Code: IEA Case No.: 978-065

Lab Sample ID: 960831104 Matrix: (soil/water) SOIL

Lab File ID: 0819407.D 30.0 (g/mL) G Sample wt/vol:

Date Received: 08/16/96 Level: (low/med) LOW

Date Extracted: 08/16/96 \* Moisture: 15 decanted: (Y/N) N

Date Analyzed: 08/19/96 Concentrated Extract Volume: 1000 (uL)

Dilution Factor: 1.0 Injection Volume: 2.0(uL)

GPC Cleanup: CAS NO. CONCENTRATION UNITS: (Y/N) N

(ug/L or ug/Kg) UG/KG Q COMPOUND

91-20-3Naphthalene	390	υ
91-57-62-Methylnaphthalene	390	บ
91-58-72-Chloronaphthalene	390	บ
208-96-8Acenaphthylene	390	U
83-32-9Acenaphthene	390	U
86-73-7Fluorene	390	บ
85-01-8Phenanthrene	390	U
120-12-7Anthracene	390	Ü
206-44-0Fluoranthene	390	U
129-00-0Pyrene	390	Ü
56-55-3Benzo(a) anthracene	390	ט
218-01-9Chrysene	390	Ü
205-99-2Benzo(b) fluoranthene	390	U
207-08-9Benzo(k) fluoranthene	390	Ü
50-32-8Benzo(a)pyrene	390	U
193-39-5Indeno(1,2,3-cd)pyrene	390	U
53-70-3Dibenz(a,h)anthracene	390	τ
191-24-2Benzo(g,h,i)perylene	390	Ţ

S21D

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 978-065 Method: 8270 SDG No.: 08311

Matrix: (soil/water) SOIL Lab Sample ID: 960831103

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0819406.D

Lavel: (low/med) LOW Date Received: 08/16/96

\* Moisture: 16 decanted: (Y/N) N Date Extracted: 08/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/19/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

S31

Lab Name: INDUSTRIAL & ENVIRONMENTA

Matrix: (soil/water) SOIL Lab Sample ID: 960831108

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0819411.D

Level: (low/med) LOW Date Received: 08/16/96

% Moisture: 14 decanted: (Y/N) N Date Extracted:08/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/19/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

91-20-3Naphthalene	380	บ
91-57-62-Methylnaphthalene	380	
91-58-72-Chloronaphthalene	380	บ
208-96-8Acenaphthylene	380	บ
83-32-9Acenaphthene	380	บ
86-73-7Fluorene	380	ប
85-01-8Phenanthrene	380	ซ
120-12-7Anthracene	380	บ
206-44-0Fluoranthene	380	ט
129-00-0Pyrene	380	ט
56-55-3Benzo(a) anthracene	380	ט
218-01-9Chrysene	380	U
205-99-2Benzo(b) fluoranthene	380	U
207-08-9Benzo(k) fluoranthene	380	U
50-32-8Benzo(a)pyrene	380	U
193-39-5Indeno(1.2.3-cd)pyrene	380	U
53-70-3Dibenz(a,h)anthracene	380	U
191-24-2Benzo(g,h,i)perylene	380	υ

S41A

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 978-055 Method: 8270 SDG No.: 08311

Matrix: (soil/water) SOIL Lab Sample ID: 960831106

Sample wt/vol: 30.0 (q/mL) G Lab File ID: 0819409.D

Level: (low/med) LOW Date Received: 08/16/98

% Moisture: 11 decanted: (Y/N) N Date Extracted:08/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/19/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

370 U 91-20-3-----Naphthalene 91-57-6----2-Methylnaphthalene 370 U 91-58-7----2-Chloronaphthalene 370 U 370 U 208-96-8----Acenaphthylene 83-32-9-----Acenaphthene 86-73-7-----Fluorene U 370 370 U 85-01-8-----Phenanthrene 370 U Ū 120-12-7----Anthracene\_ 370 Ū 206-44-0----Fluoranthene 370 U 370 129-00-0----Pyrene 370 Ū 56-55-3-----Benzo(a) anthracene\_ 370 U 218-01-9-----Chrysene 370 U 205-99-2----Benzo(b) fluoranthene 370 U 207-08-9----Benzo(k) fluoranthene 370 U 50-32-8----Benzo(a) pyrene U 370 193-39-5----Indeno(1,2,3-cd)pyrene\_ 370 U 53-70-3----Dibenz(a,h)anthracene\_ 370 U 191-24-2----Benzo(g,h,i)perylene

S41B

Lab Name: INDUSTRIAL & ENVIRONMENTA

Matrix: (soil/water) SOIL Lab Sample ID: 960831110

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0819413.D

Level: (low/med) LOW Date Received: 08/16/96

\* Moisture: 12 decanted: (Y/N) N Date Extracted: 08/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/19/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

	1	
91-20-3Naphthalene	380	υ
91-57-62-Methylnaphthalene	[ 380 <u> </u>	ប
91-58-72-Chloronaphthalene	380	ប
208-96-8Acenaphthylene	380	บ
83-32-9Acenaphthene	380	U
86-73-7Fluorene	380	U
85-01-8Phenanthrene	380	บ
120-12-7Anthracene	380	U
206-44-0Fluoranthene	380	U
129-00-0Pyrene	380	ប
56-55-3Benzo(a)anthracene	380	U
218-01-9Chrysene	380	U
205-99-2Benzo(b) fluoranthene	380	ט
207-08-9Benzo(k) fluoranthene	380	U
50-32-8Benzo(a)pyrene	380	ש
193-39-5Indeno(1,2,3-cd)pyrene	380	U
53-70-3Dibenz(a,h)anthracene	380	Ų
191-24-2Benzo(g,h,i)perylene	380	ប