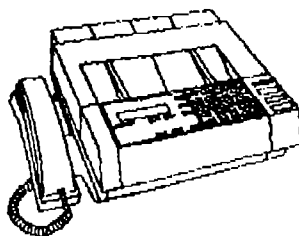


CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION
3614 E. Ashlan
Fresno, California 93726-6905

(209) 445-5116

AR0176

121
SFUND RECORDS CTR
88111891



FAX TRANSMITTAL PAGE

Date: 7/1/93

Telecopy for: Bret Moxley

From: V. Scott Moore

Number of Pages
(including cover): _____

Subject: LEACHATE - FSL

Comments: The leachate "as is"
is deemed designated
by Board.

If any problems occur in receiving,
please call the number listed above or ATSS 8-421-5116

Our FAX Number is: (209) 445-5910
or ATSS 8-421-5910

06/25/93

16:46

APPL FRESNO

002

APPL, INC.

AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC.

4203 WEST SWIFT AVENUE • FRESNO, CALIFORNIA 93722 • PHONE (209) 275 2175

R W Q C B
 3614 E. Ashlan
 Fresno, California 93726
 Attn: Betty Yee

Sample Date: 06/04/93
 Report Date: 06/24/93

Page 1 of 8

Sample I.D. No: Leachate FSL-L

Date Received: 06/07/93

APPL Sample No: R1457H-92380M

Inorganic ParametersICAP Metals: Water

	Results, $\mu\text{g/L}$	Quantitation Limit, $\mu\text{g/L}$	Method#
Aluminum (Al)	4360	100	EPA 6010
Antimony (Sb)	<50	50	EPA 6010
Arsenic (As)	6.1	5	EPA 7062
Barium (Ba)	297	5	EPA 6010
Beryllium (Be)	<2	2	EPA 6010
Calcium (Ca)	160000	100	EPA 6010
Cadmium (Cd)	<5	5	EPA 6010
Chromium (Cr)	54.0	5	EPA 6010
Cobalt (Co)	52.1	5	EPA 6010
Copper (Cu)	<25	25	EPA 6010
Iron (Fe)	13100	100	EPA 6010
Lead (Pb)	<20	20	EPA 6010
Magnesium (Mg)	266000	100	EPA 6010
Manganese (Mn)	808	5	EPA 6010
Mercury (Hg)	<0.5	0.5	EPA 7470
Nickel (Ni)	199	20	EPA 6010
Potassium (K)	1120000	100000	EPA 6010
Selenium (Se)	<2	2	EPA 7742
Silver (Ag)	<10	10	EPA 6010
Sodium (Na)	431000	200	EPA 6010
Thallium (Tl)	<200	200	EPA 6010
Tin (Sn)	<50	50	EPA 6010
Vanadium (V)	57.5	5	EPA 6010
Zinc (Zn)	646	20	EPA 6010

Tested By

Doc Coleman

Checked By

Mike Ray

06/25/93

16:57

APPL FRESNO

000

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: 06/04/93
Report Date: 06/24/93

Page 2 of 8

Sample I.D. No: Leachate FSL-L

Date Received: 06/07/93

APPL Sample No: R1457H-92380M

General Mineral Analysis

	Quantitation Method		
	Results	Limit	Number
Total Alkalinity, mgCaCO ₃ /L to pH 4.5	688	2	EPA 310.1
Hydroxide (OH) mgCaCO ₃ /L	<2	2	EPA 310.1
Carbonate (CO ₃) mgCaCO ₃ /L	<2	2	EPA 310.1
Bicarbonate (HCO ₃) mgCaCO ₃ /L	688	2	EPA 310.1
Fluoride (F) mg/L	[	0.1	EPA 340.2
Chloride (Cl) mg/L	751	50	EPA 300.0
Phosphate (PO ₄ -P) mg/L	<12.5	12.5	EPA 353.2
Sulfate (SO ₄) mg/L	<12.5	12.5	EPA 300.0
Total Hardness, as mgCaCO ₃ /L	1500	1	EPA 200.7
Calcium (Ca) mg/L	160	0.05	EPA 200.7
Copper (Cu) µg/L	20.7	13	EPA 200.7
Iron (Fe) µg/L	12700	50	EPA 200.7
Potassium (K) mg/L	1070	50	EPA 200.7
Magnesium (Mg) mg/L	266	0.05	EPA 200.7
Manganese (Mn) µg/L	812	3	EPA 200.7
Sodium (Na) mg/L	424	0.05	EPA 200.7
Zinc (Zn) µg/L	654	10	EPA 200.7
pH @ 20.0°C	8.2	NA	EPA 150.1
Specific Conductivity (EC) µmhos/cm @ 25°C	7665	1	EPA 120.1
Residue, Total filterable (TDS) mg/L	5980	20	EPA 160.1
Methylene Blue Active Substance (MBAS) mg/L	2.10	0.02	EPA 425.1

Tested By

Bob (Laney)

Checked By

Mark (Laney)

06/25/93

16:57

APPL FRESNO

004

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: 06/04/93
Report Date: 06/24/93

Page 3 of 8

Sample I.D. No: Leachate FSL-L

Date Received: 06/07/93

APPL Sample No: R14578-92380M

Date Extracted: 06/09/93

Method 601 (Halocarbons) Results:

<u>Compound</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection Limit $\mu\text{g/L}$</u>
Bromobenzene	ND*	0.5
Bromodichloromethane	ND	0.5
Bromoform	ND	0.5
Bromomethane	ND	1.0
Carbon tetrachloride	ND	0.5
Chlorobenzene	ND	0.5
Chloroethane	ND	0.5
Chloroform	ND	0.5
Chloromethane	ND	0.5
Dibromochloromethane	ND	0.5
Dibromomethane	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
Dichlorodifluoromethane	ND	1.0
1,1-Dichloroethane	ND	0.5
1,2-Dichloroethane	ND	0.5
1,1-Dichloroethene	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
Methylene chloride	ND	5.0
1,1,2,2-Tetrachloroethane	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Tetrachloroethene	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Trichloroethene	ND	0.5
Trichlorofluoromethane	ND	0.5
Vinyl chloride	ND	0.5

* ND = None Detected

Tested by

Checked by

[Signature]
[Signature]

06/25/93

16:58

APPL FRESNO

005

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: 06/04/93
Report Date: 06/24/93

Page 4 of 8

Sample I.D. No: Leachate FSL-L

Date Received: 06/07/93

APPL Sample No: R14578-92380M

Date Extracted: 06/14/93

Method 602 Results (Aromatics):

<u>Compound</u>	<u>Concentration µg/L</u>	<u>Detection limit µg/L</u>
Benzene	ND*	0.5
Chlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
Ethyl benzene	0.9	0.5
Toluene	0.7	0.5
Xylenes	3.1	0.5

* ND - None Detected

Tested By John Bennett
Checked By Mark Ray

06/25/93

16:59

APPL FRESNO

006

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: 06/04/93
Report Date: 06/24/93

Page 5 of 8

Sample I.D. No: Leachate FSL-1

Date Received: 06/07/93

APPL Sample No: R14578-92380M

Date Extracted: 06/09/93

Method 625 Results (Base Neutral and Acids):

<u>Acid Cmpds</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection Limit $\mu\text{g/L}$</u>
2,4,6-Trichlorophenol	ND*	5.0
4-Chloro-3-methylphenol	ND	10.0
2-Chlorophenol	ND	5.0
2,4-Dichlorophenol	ND	5.0
2,4-Dimethylphenol	ND	5.0
2-Nitrophenol	ND	5.0
4-Nitrophenol	ND	10.0
2,4-Dinitrophenol	ND	10.0
4,6-Dinitro-2-methylphenol	ND	10.0
2-Methylphenol	ND	5.0
4-Methylphenol	ND	5.0
Pentachlorophenol	ND	10.0
Phenol	ND	5.0
Benzoic acid	ND	5.0

<u>Base/Neutral Cmpds</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection Limit $\mu\text{g/L}$</u>
Acenaphthene	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachloroethane	ND	5.0
Bis-(2-chloroethyl)ether	ND	5.0
2-Chloronaphthalene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
3,3'-Dichlorobenzidine	ND	10.0
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
Fluoranthene	ND	5.0
4-Chlorophenylphenylether	ND	5.0
4-Bromophenylphenylether	ND	5.0
Bis-(2-chloroisopropyl)ether	ND	5.0
Bis-(2-chloroethoxy)methane	ND	5.0
Hexachlorobutadiene	ND	5.0

06/25/93

10:58

APPL. FRESNO

007

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: 06/04/93
Report Date: 06/24/93

Page 6 of 8

Sample I.D. No: Leachate FSL-1

Date Received: 06/07/93

APPL Sample No: R14578-92380M

Date Extracted: 06/09/93

Method 625 Results (Base, Neutral and Acids):

Base/Neutral Compds	Concentration $\mu\text{g/L}$	Detection Limit $\mu\text{g/L}$
Hexachlorocyclopentadiene	ND	5.0
Isophorone	13.4	5.0
Naphthalene	ND	5.0
2-Methyl naphthalene	ND	5.0
Nitrobenzene	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
N-Nitrosodi-n-propylamine	ND	5.0
N-Nitrosodimethylamine	ND	5.0
Bis-(2-ethylhexyl)phthalate	ND	5.0
Butylbenzylphthalate	ND	5.0
Di-n-butylphthalate	ND	5.0
Di-n-octylphthalate	ND	5.0
Diethylphthalate	ND	5.0
Dimethylphthalate	ND	5.0
Benzo(a)anthracene	ND	5.0
Benzo(a)pyrene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzyl alcohol	ND	5.0
Chrysene	ND	5.0
Acenaphthylene	ND	5.0
Anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Dibenzofuran	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Pyrene	ND	5.0
Dieldrin	ND	1.0
4,4'-DDE	ND	1.0
4,4'-DDD	ND	1.0
4,4'-DDT	ND	1.0
Endrin	ND	1.0
Endrin aldehyde	ND	1.0

06/25/93

17:00

APPL FLSMO

000

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Bertie Yee

Sample Date: 06/04/93
Report Date: 06/24/93

Page 7 of 8

Sample I.D. No: Leachate FSL-L

Date Received: 06/07/93

APPL Sample No. R14578-92380M

Date Extracted: 06/09/93

Method 625 Results (Base Neutral and Acids):

<u>Base/Neutral Compds</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection Limit $\mu\text{g/L}$</u>
Toxaphene	ND	50
α -BHC	ND	1.0
β -BHC	ND	1.0
δ -BHC	ND	1.0
Lindane	ND	1.0
Endosulfan I	ND	1.0
Endosulfan II	ND	1.0
Heptachlor	ND	1.0
Heptachlor epoxide	ND	1.0
Aldrin	ND	1.0

* ND = None Detected

Tested By Kathryn M. Graham
Checked By Mike L. Ray

06/25/93

17:00

APPL FRESNO

005

R W Q C B

3614 E. Ashlan

Fresno, California 93726

Attn: Betty Yee

Sample Date: 06/04/93

Report Date: 06/24/93

Page 8 of 8

Sample I.D. No: Leachate FSL-L

Date Received: 06/07/93

APPL Sample NO: R14578-92380M

Date Extracted: 06/09/93

Method 625 Results (Base Neutral and Acids):Tentatively Identified and Quantified Compounds:

Scan # 47	33 µg/L
Scan # 53	62 µg/L
Scan # 88	30 µg/L
4-Hydroxy-4-methyl-2-pentanone	56 µg/L
Scan # 149	41 µg/L
Scan # 156	38 µg/L
Scan # 211	25 µg/L
Scan # 247	21 µg/L
Scan # 295	17 µg/L
Scan # 325	94 µg/L
Camphor	29 µg/L
Scan # 339	25 µg/L
Scan # 370	29 µg/L
Scan # 380	24 µg/L
Scan # 406	44 µg/L
Scan # 422	36 µg/L
Scan # 443	32 µg/L
Scan # 479	100 µg/L
Scan # 738	40 µg/L
Pentadecanoic acid	63 µg/L
Scan # 822	93 µg/L
Scan # 941	40 µg/L

TIC's are calculated on a 1:1 response factor to the nearest internal standard.

Tested by Kathryn M. MadsonChecked by [Signature]

06/25/93

17:00

APPL FRESNO

010

APPL, INC.

AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC.

4203 WEST SWIFT AVENUE • FRESNO CALIFORNIA 93722 • PHONE (209) 275 2173

R W Q C B
 3614 E. Ashlan
 Fresno, California 93726
 Attn: Betty Yee

Sample Date: 06/04/93
 Report Date: 06/24/93

Page 1 of 2

Sample I.D. No: Leachate TB

Date Received: 06/07/93

APPL Sample No: R14578-92381W

Date Extracted: 06/09/93

Method 601 (Halocarbons) Results:

Compound	Concentration $\mu\text{g/L}$	Detection limit $\mu\text{g/L}$
Bromobenzene	ND*	0.5
Bromodichloromethane	ND	0.5
Bromoform	ND	0.5
Bromomethane	ND	1.0
Carbon tetrachloride	ND	0.5
Chlorobenzene	ND	0.5
Chloroethane	ND	0.5
Chloroform	ND	0.5
Chloromethane	ND	0.5
Dibromochloromethane	ND	0.5
Dibromomethane	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
Dichlorodifluoromethane	ND	1.0
1,1-Dichloroethane	ND	0.5
1,2-Dichloroethane	ND	0.5
1,1-Dichloroethene	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
cis-1,3-Dichloropropane	ND	0.5
trans-1,3-Dichloropropane	ND	0.5
Methylene chloride	ND	5.0
1,1,2,2-Tetrachloroethane	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Tetrachloroethene	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Trichloroethene	ND	0.5
Trichlorofluoromethane	ND	0.5
Vinyl chloride	ND	0.5

* ND - None Detected

Tested by

Checked by

[Signature]
[Signature]

06/25/93

17:21

APPL FRESNO

011

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: 06/04/93
Report Date: 06/24/93

Page 2 of 2

Sample I.D. No: Leachate TB

Date Received: 06/07/93

APPL Sample No: R14578-92381W

Date Extracted: 06/12/93

Method 602 Results (Aromatics):

<u>Compound</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection limit $\mu\text{g/L}$</u>
Benzene	ND*	0.5
Chlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
Ethyl benzene	ND	0.5
Toluene	ND	0.5
Xylenes	ND	0.5

* ND = None Detected

Tested By Jane H. Hume
Checked By M. L. Ray

06/25/93

17:01

APPL FRESNO

012

APPL, INC.

AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC.

4203 WEST SWIFT AVENUE • FRESNO, CALIFORNIA 93722 • PHONE (209) 275 2175

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: NA
Report Date: 06/24/93

Page 1 of 2

Sample I.D. No: Leachate FSL-L
Blank for samples
taken 06/04/93

Date Received: NA

APPL Sample No: K14578-930609M

Date Extracted: 06/09/93

Method 601 (Halocarbons) Results:

<u>Compound</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection Limit $\mu\text{g/L}$</u>
Bromobenzene	ND*	0.5
Bromodichloromethane	ND	0.5
Bromoform	ND	0.5
Bromomethane	ND	1.0
Carbon tetrachloride	ND	0.5
Chlorobenzene	ND	0.5
Chloroethane	ND	0.5
Chloroform	ND	0.5
Chloromethane	ND	0.5
Dibromochloromethane	ND	0.5
Dibromomethane	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
Dichlorodifluoromethane	ND	1.0
1,1-Dichloroethane	ND	0.5
1,2-Dichloroethane	ND	0.5
1,1-Dichloroethene	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
Methylene chloride	ND	5.0
1,1,2,2-Tetrachloroethane	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Tetrachloroethene	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Trichloroethene	ND	0.5
Trichlorofluoromethane	ND	0.5
Vinyl chloride	ND	0.5

* ND = None Detected

Checked by

Pamela Cooper

06/25/93

17:00

APPL FRESNO

813

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Report Date: 06/24/93

Page 2 of 9

Project ID No: Leachate FSL L

APPL Spike ID: R14578 92380M-92381W 1052A

Concentration Units: µg/L

SPIKES

Method	Analysis	Date	Amt in Sample	Amt Spiked	Results	Percent Recovery	RPD
601	1,1-DCE	06/09/93	0.00	5.0	5.07	101	7.8
601	TCE	06/09/93	0.00	5.0	5.29	106	0.8
601	Chlorobenzene	06/09/93	0.00	5.0	5.14	103	0.0

APPL Spike ID: R14578 92380M-92381W 1053B

Method	Analysis	Date	Amt in Sample	Amt Spiked	Results	Percent Recovery	RPD
601	1,1-DCE	06/09/93	0.00	5.0	4.69	93.0	7.8
601	TCE	06/09/93	0.00	5.0	5.25	105	0.8
601	Chlorobenzene	06/09/93	0.00	5.0	5.14	103	0.0

Comments:

Checked By Parmer, Coover

06/25/93

17:03

APPL FRESNO

014

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: NA
Report Date: 06/24/93

Page 3 of 9

Sample I.D. No: Leachate FSL-L
Blank for samples
taken 06/04/93

Date Received: NA

APPL Sample No: R14578-930609M

Date Extracted: 06/09/93

Method 602 Results (Aromatics):

<u>Compound</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection limit $\mu\text{g/L}$</u>
Benzene	ND*	0.5
Chlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
Ethyl benzene	ND	0.5
Toluene	ND	0.5
Xylenes	ND	0.5

* ND - None Detected

Checked By James Cooper

06/25/93

17:03

APPL FRESNO

015

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Report Date: 06/24/93

Page 4 of 9

Project ID No: Leachate FSL-L

APPL Spike ID: R14578 92380M-92381W 1052A

Concentration Units: µg/L

SPIKES

Method	Analysis	Date	Amt in Sample	Amt Spiked	Results	Percent Recovery	RPD
602	Benzene	06/09/93	0.00	5.00	5.04	101	1.4
602	Toluene	06/09/93	0.00	5.00	5.13	103	0.4
602	Chlorobenzene	06/09/93	0.00	5.00	5.03	101	0.4

APPL Spike ID: R14578 92380M-92381W 1053A

Method	Analysis	Date	Amt in Sample	Amt Spiked	Results	Percent Recovery	RPD
602	Benzene	06/09/93	0.00	5.00	4.97	99.4	1.4
602	Toluene	06/09/93	0.00	5.00	5.13	102	0.4
602	Chlorobenzene	06/09/93	0.00	5.00	5.01	100	0.4

Comments:

Checked By

James Cooper

06/25/93

17:43

APPL FRESNO

010

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: NA
Report Date: 06/24/93

Page 5 of 9

Sample I.D. No: Leachate FSL-1
Blank for samples
taken 06/04/93

Date Received: NA

APPL Sample No: R14578-930609M

Date Extracted: 06/09/93

Method 625 Results (Basic Neutral and Acids):

<u>Acid Cmpds</u>	<u>Concentration µg/L</u>	<u>Detection Limit µg/L</u>
2,4,6-Trichlorophenol	ND*	5.0
4-Chloro-3-methyl phenol	ND	10.0
2-Chlorophenol	ND	5.0
2,4-Dichlorophenol	ND	5.0
2,4-Dimethylphenol	ND	5.0
2-Nitrophenol	ND	5.0
4-Nitrophenol	ND	10.0
2,4-Dinitrophenol	ND	10.0
2-Methyl-4,6-dinitrophenol	ND	10.0
Pentachlorophenol	ND	10.0
Phenol	ND	5.0

<u>Base/Neutral Cmpds</u>	<u>Concentration µg/L</u>	<u>Detection Limit µg/L</u>
Acenaphthene	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachloroethane	ND	5.0
Bis-(2-chloroethyl) ether	ND	5.0
2-Chloronaphthalene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
3,3'-Dichlorobenzidine	ND	10.0
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
Fluoranthene	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
4-Bromophenyl phenyl ether	ND	5.0
Bis-(2-chloroisopropyl) ether	ND	5.0
Bis-(2-chloroethoxy) methane	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	5.0
Isophorone	ND	5.0
Naphthalene	ND	5.0
2-Methyl naphthalene	ND	5.0
Nitrobenzene	ND	5.0

06/25/93

17:04

APPL FRESNO

017

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: NA
Report Date: 06/24/93

Page 6 of 9

Sample I.D. No: Leachate FSL-L
Blank for samples
taken 06/04/93

Date Received: NA

APPL Sample No: R14578-930609M

Date Extracted: 06/09/93

Method 625 Results (Base, Neutral and Acids):

<u>Base/Neutral Compds</u>	<u>Concentration ug/L</u>	<u>Detection Limit ug/L</u>
N-nitrosodiphenylamine	ND	5.0
N-nitrosodi-n-propylamine	ND	5.0
N-nitrosodimethylamine	ND	5.0
Bis-(2 ethylhexyl) phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Benzo(a)anthracene	ND	5.0
Benzo(a)pyrene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Chrysene	ND	5.0
Acenaphthylene	ND	5.0
Anthracene	ND	5.0
Benzo(ghi)perylene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Dibenzo(a,h)anthracene	ND	5.0
Dibenzofuran	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Pyrene	ND	5.0
Dieldrin	ND	1.0
4,4'-DDE	ND	1.0
4,4'-DDD	ND	1.0
4,4'-DDT	ND	1.0
Endrin	ND	1.0
Endrin aldehyde	ND	1.0
Toxaphene	ND	10.0
α-BHC	ND	1.0
β-BHC	ND	1.0
δ-BHC	ND	1.0
Lindane	ND	1.0
Endosulfan 1	ND	1.0

06/25/93

17:15

APPL FRESNO

018

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: NA
Report Date: 06/24/93

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Sample I.D. No: Leachate FSL-L
Blank for samples
taken 06/04/93

Date Received: NA

APPL Sample No: R14578-930609M

Date Extracted: 06/09/93

Method 625 Results (Base Neutral and Acids):

<u>Base/Neutral Compds</u>	<u>Concentration $\mu\text{g/L}$</u>	<u>Detection Limit $\mu\text{g/L}$</u>
Endosulfan II	ND	1.0
Heptachlor	ND	1.0
Heptachlor epoxide	ND	1.0
Aldrin	ND	1.0

* ND = None Detected

Checked By Samuel Coops

06/25/93

17:05

APPL FRESNO

019

R W Q C B
3614 E. Ashlan
Fresno, California 93726
Attn: Betty Yee

Sample Date: NA
Report Date: 06/24/93

Page 8 of 9

Sample I.D. No: Leachate FSL-L
Blank for samples
taken 06/04/93

Date Received: NA

APPL Sample No: R14578-930609M

Date Extracted: 06/09/93

Method 625 Results (Base Neutral and Acids):Tentatively Identified and Quantified Compounds:

Scan # 56	260 µg/L
Scan # 75	5.0 µg/L
4-Hydroxy-4-methyl-2-pentanone	81 µg/L
Scan # 112	7.0 µg/L

TIC's are calculated on a 1:1 response factor to the nearest internal standard.

Checked by Lamar Cook