Appendix I.
Analysis modification for Well A oil sample number J3439.

MAY 22 1984

California Analytical Laboratories, Inc.
2544 Industrial Boulevard • West Sacramento, CA 95691 • (916) 372-1393

May 21, 1984

Dr. Fred Haeberer
U.S. EPA
Hazardous Waste Investigation
401 M Street, SW
Washington, DC 20460

Dear Dr. Haeberer:

Enclosed are data summary sheets and documentation for samples and QA/QC comprising Case 2622/730J of Contract 68-01-6763. These samples were received April 7, 1984 and logged in under the following CAL Lab numbers.

CAL I.D.	Sample I.D.
S4259	J3439
S4260	J3440
S4261	J3442
S4262	J3444
S4263	J3445
S4264	J3446

Samples S4260-S4264 were received and extracted as low concentration water samples. They were analyzed for special compounds (chlorobutadienes) and lower detection limits (1 ppb; 0.1 ppb for PNA's). The detection limit for 2 of the samples is higher than normal because of the high levels of naphthalene and methyl naphthalene. Sample S4259 was received as an oil sample, and analyzed by a modified method. The oil sample was added to a liter of water, shaken, and extracted with methylene chloride (per the old soil and sediment contract). The extract was then cleaned up with a silica gel column and the resulting extract analyzed for polynuclear aromatic hydrocarbons only. The sample was also analyzed for volatile organic hydrocarbons by dilution into methanol and purging an aliquot in 5 mL of purged water.

MAY 22 1984

The QA/QC data does contain results outside the EPA windows, but in each case the surrogates or matrix spike compounds were spiked below their detection limit because of the necessary dilutions.

The samples were all analyzed for chlorobutadienes, and all samples were negative. The detection limit in sample J3440 was 80 ug/L, in sample J3442 it was 10 ug/L, and in samples J3444, 45 and 46 it was 1 ug/L.

No other problems were encountered. If you have any questions, please give us a call.

Sincerely,

Michael J. Miille, PhD
Director of GC/MS Services

Paul A. Taylor, PhD
President

MJM:nc

Appendix II

Results of Organics Analysis on April 1984 Samples of Oil and Water from D Street Wells and Marine Sediment from City Waterway: EPA Priority Pollutants and Hazardous Substances

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Kay / 6/7/84

SAMPLE NO: J 3453 SEDIMENT CW-6 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4255

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 56%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/12/84

OK

PP#	CAS #		ug/g	
2V	107-02-8	acrolein	0.050	U
3V	107-13-1	acrylonitrile	0.050	U
4V	71-43-2	benzene	0.005	U
5V	56-23-5	carbon tetrachloride	0.005	U
7V	108-90-7	chlorobenzene	0.005	U
8V	107-06-2	1,2-dichloroethane	0.005	U
1V	71-55-6	1,1,1-trichloroethane	0.005	U
3V	75-34-3	1,1-dichloroethane	0.005	U
4V	79-00-5	1,1,2-trichloroethane	0.005	U
5V	79-34-5	1,1,2,2-tetrachloroethane	0.005	U
6V	75-00-3	chloroethane	0.005	U
8V	110-75-8	2-chloroethylvinyl ether	0.050	U
3V	67-66-3	chloroform	0.005	U
2V	75-35-4	1,1-dichloroethene	0.005	U
3V	156-60-5	trans-1,2-dichloroethene	0.005	U
2V	78-87-5	1,2-dichloropropane	0.005	U
3V	10061-02-6	trans-1,3-dichloropropene	0.005	U
	10061-01-5	cis-1,3-dichloropropene	0.005	U
3V	100-41-4	ethylbenzene	0.005	U
4V	75-09-2	methylene chloride	0.13	
5V	74-87-3	chloromethane	0.005	U
6V	74-83-9	bromomethane	0.005	U
7V	75-25-2	bromoform	0.005	U
8V	75-27-4	bromodichloromethane	0.005	U
9V	75-69-4	fluorotrichloromethane	0.005	U
0V	75-71-8	dichlorodifluoromethane	0.005	U
1V	124-48-1	chlorodibromomethane	0.005	U
5V	127-18-4	tetrachloroethene	0.037	
6V	108-88-3	toluene	0.005	U
7V	79-01-6	trichloroethene	0.005	U
8V	75-01-4	vinyl chloride	0.005	U
L13	67-64-1	acetone	0.020	U
L14	78-93-3	2-butanone	0.020	U
L15	75-15-0	carbondisulfide	0.005	U
L16	519-78-6	2-hexanone	0.020	U
L17	108-10-1	4-methyl-2-pentanone	0.020	U
L18	100-42-5	styrene	0.005	U
L19	108-05-4	vinyl acetate	0.005	U
L20	95-47-6	total xylenes	0.005	U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/1/84
CONC FACTOR: 4.2g/mL

OK 6/7/84

PP#	CAS #		ug/g	
89P	309-00-2	aldrin	0.025	U
90P	60-57-1	dieldrin	0.050	U
91P	57-74-9	chlordane	0.25	U
92P	50-29-3	4,4'-DDT	0.010	U
93P	72-55-9	4,4'-DDE	0.050	U
94P	72-54-8	4,4'-DDD	0.10	U
95P	115-29-7	a-endosulfan	0.050	U
96P	115-29-7	b-endosulfan	0.050	U
97P	1031-07-8	endosulfan sulfate	0.010	U
98P	72-20-8	endrin	0.050	U
99P	7421-93-4	endrin aldehyde	0.010	U
100P	76-44-8	heptachlor	0.025	U
101P	1024-57-3	heptachlor epoxide	0.025	U
102P	319-84-6	a-BHC	0.025	U
103P	319-85-7	b-BHC	0.025	U
104P	319-86-8	d-BHC	0.025	U
105P	58-89-9	g-BHC (lindane)	0.025	U
106P	53469-21-9	PCB-1242	1.0	U
107P	11097-69-1	PCB-1254	1.0	U
108P	11104-28-2	PCB-1221	1.0	U
109P	11141-16-5	PCB-1232	1.0	U
110P	12672-29-6	PCB-1248	1.0	U
111P	11096-82-5	PCB-1260 0.24 M ~~0.041~~		K**
112P	12674-11-2	PCB-1016	1.0	U
113P	8001-35-2	toxaphene	2.5	U

DIOXINS

CONC FACTOR: 4.2g/10.5mL
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/11/84

OK

PP#	CAS #		ug/g	
129B	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin	0.002	U

DIOXINS-FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Li / [illegible]

SAMPLE NO: J 3453 SEDIMENT CW-6 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4255

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6733

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 59%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/19/84
CONC. FACTOR: 21.5g/10.0ml

6/7/84

PP#	CAS #		ug/g	PP#	CAS #		ug/g
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-20-5	naphthalene	0.43 M
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	66B	117-81-7	bis(2-ethylhexyl)phthalate	2.5
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	0.54 M
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	1.0
1B	83-32-9	acenaphthene	0.2 U	73B	50-32-8	benzo(a)pyrene	1.6
5B	92-87-5	benzidine	0.2 U	74B	205-99-2	benzo(b)fluoranthene	0.82 M
8B	120-82-1	1,2,4-trichlorobenzene	0.2 U	75B	207-08-9	benzo(k)fluoranthene	0.82 M
9B	118-74-1	hexachlorobenzene	0.2 U	76B	218-01-9	chrysene	0.91 M
12B	67-72-1	hexachloroethane	0.2 U	77B	208-96-8	acenaphthylene	0.20 M
18B	111-44-4	bis(2-chloroethyl)ether	0.2 U	78B	120-12-7	anthracene	0.39 M
20B	91-58-7	2-chloronaphthalene	0.2 U	79B	191-24-2	benzo(ghi)perylene	0.33 M
25B	95-50-1	1,2-dichlorobenzene	0.2 U	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	81B	85-01-8	phenanthrene	0.67 M
27B	106-46-7	1,4-dichlorobenzene	0.2 U	82B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.63 M
35B	121-14-2	2,4-dinitrotoluene	0.2 U	84B	129-00-0	pyrene	1.3
36B	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6	benzyl alconol	0.2 U
38B	206-44-0	fluoranthene	0.98 M	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	0.2 U	CL11	99-09-2	3-nitroaniline	0.2 U
				CL12	100-01-6	4-nitroaniline	0.2 U

SEMI. COMPOUNDS - FS

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: [illegible] / [illegible]

SAMPLE NO: J 3452 SEDIMENT CW-5b 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: 54254

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 59%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/12/84

OK

PP#	CAS #		ug/g	
2V	107-02-8	acrolein	0.050	U
3V	107-13-1	acrylonitrile	0.050	U
4V	71-43-2	benzene	0.005	U
6V	56-23-5	carbon tetrachloride	0.005	U
7V	108-90-7	chlorobenzene	0.005	U
0V	107-06-2	1,2-dichloroethane	0.005	U
1V	71-55-6	1,1,1-trichloroethane	0.005	U
3V	75-34-3	1,1-dichloroethane	0.005	U
4V	79-00-5	1,1,2-trichloroethane	0.005	U
5V	79-34-5	1,1,2,2-tetrachloroethane	0.005	U
6V	75-00-3	chloroethane	0.005	U
9V	110-75-8	2-chloroethylvinyl ether	0.050	U
3V	67-66-3	chloroform	0.005	U
9V	75-35-4	1,1-dichloroethene	0.005	U
0V	156-60-5	trans-1,2-dichloroethene	0.005	U
2V	78-87-5	1,2-dichloropropane	0.005	U
3V	10061-02-6	trans-1,3-dichloropropene	0.005	U
	10061-01-5	cis-1,3-dichloropropene	0.005	U
8V	100-41-4	ethylbenzene	0.017	M
4V	75-09-2	methylene chloride	0.21	
5V	74-87-3	chloromethane	0.005	U
6V	74-83-9	bromomethane	0.005	U
7V	75-25-2	bromoform	0.005	U
8V	75-27-4	bromodichloromethane	0.005	U
9V	75-69-4	fluorotrichloromethane	0.005	U
0V	75-71-8	dichlorodifluoromethane	0.005	U
1V	124-48-1	chlorodibromomethane	0.005	U
5V	127-18-4	tetrachloroethene	0.083	
6V	108-88-3	toluene	0.005	U
7V	79-01-6	trichloroethene	0.005	U
8V	75-01-4	vinyl chloride	0.005	U
L13	67-64-1	acetone	0.020	U
L14	78-93-3	2-butanone	0.020	U
L15	75-15-0	carbondisulfide	0.005	U
L16	519-78-6	2-hexanone	0.020	U
L17	108-10-1	4-methyl-2-pentanone	0.020	U
L18	100-42-5	styrene	0.005	U
L19	108-05-4	vinyl acetate	0.005	U
L20	95-47-6	total xylenes	0.065	

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/3/84
CONC FACTOR: 4.2g/mL

PS 6/7/84

PP#	CAS #		ug/g	
89P	309-00-2	aldrin	0.025	U
90P	60-57-1	dieldrin	0.050	U
91P	57-74-9	chlordane	0.25	U
92P	50-29-3	4,4'-DDT	0.010	U
93P	72-55-9	4,4'-DDE	0.050	U
94P	72-54-8	4,4'-DDD	0.10	U
95P	115-29-7	a-endosulfan	0.050	U
96P	115-29-7	b-endosulfan	0.050	U
97P	1031-07-8	endosulfan sulfate	0.010	U
98P	72-20-8	endrin	0.050	U
99P	7421-93-4	endrin aldehyde	0.010	U
100P	76-44-8	heptachlor	0.025	U
101P	1024-57-3	heptachlor epoxide	0.025	U
102P	319-84-6	a-BHC	0.025	U
103P	319-85-7	b-BHC	0.025	U
104P	319-86-8	d-BHC	0.025	U
105P	58-89-9	g-BHC (lindane)	0.025	U
106P	53469-21-9	PCB-1242	1.0	U
107P	11097-69-1	PCB-1254	1.0	U
108P	11104-28-2	PCB-1221	1.0	U
109P	11141-16-5	PCB-1232	1.0	U
110P	12672-29-6	PCB-1248	1.0	U
111P	11096-82-5	PCB-1260	1.0	U
112P	12674-11-2	PCB-1016	1.0	U
113P	8001-35-2	toxaphene	2.5	U

DIOXINS

CONC FACTOR: 4.2g/11.5mL
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/4/84

PP#	CAS #		ug/g	
129B	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin	0.002	U

DIOXINS-FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: _____ / _____

SAMPLE NO: J 3452 SEDIMENT CW-5b 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: 54254

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6733

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 59%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/19/84
CONC. FACTOR: 26.5g/1.0mL

(JS) 6/7/84

PP#	CAS #		ug/g	PP#	CAS #		ug/g
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-20-5	naphthalene	0.44 M
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	66B	117-81-7	bis(2-ethylhexyl)phthalate	2.8
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	2.1
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	1.5
1B	83-32-9	acenaphthene	0.2 U	73B	50-32-8	benzo(a)pyrene	2.3
6B	92-87-5	benzidine	0.2 U	74B	205-99-2	benzo(b)fluoranthene	0.88 M
8B	120-82-1	1,2,4-trichlorobenzene	0.2 U	75B	207-08-9	benzo(k)fluoranthene	0.88 M
9B	118-74-1	hexachlorobenzene	0.2 U	76B	218-01-9	chrysene	1.1
12B	67-72-1	hexachloroethane	0.2 U	77B	208-96-8	acenaphthylene	0.30 M
18B	111-44-4	bis(2-chloroethyl)ether	0.2 U	78B	120-12-7	anthracene	0.49 M
20B	91-58-7	2-chloronaphthalene	0.2 U	79B	191-24-2	benzo(ghi)perylene	0.83 M
25B	95-50-1	1,2-dichlorobenzene	0.2 U	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	81B	85-01-8	phenanthrene	0.63 M
27B	106-46-7	1,4-dichlorobenzene	0.2 U	82B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.78 M
35B	121-14-2	2,4-dinitrotoluene	0.2 U	84B	129-00-0	pyrene	1.9
36B	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6	benzyl alcohol	0.2 U
39B	206-44-0	fluoranthene	1.4	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	0.2 U	CL11	99-09-2	3-nitroaniline	0.2 U
				CL12	100-01-6	4-nitroaniline	0.2 U

M=EST. COMPOUNDS - FS
RESULTS REPORTED IN DRY WEIGHT
FOR DATA REPORTING QUALIFIERS SEE COVER LETTER

(1)

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: KL / MPM

SAMPLE NO: J 3451 SEDIMENT CW-5a 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: 54253

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 59%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE ANALYZED: 4/12/84

OK

PP#	CAS #		ug/g	
2V	107-02-8	acrolein	0.050	U
3V	107-13-1	acrylonitrile	0.050	U
4V	71-43-2	benzene	0.005	U
6V	56-23-5	carbon tetrachloride	0.005	U
7V	108-90-7	chlorobenzene	0.005	U
10V	107-06-2	1,2-dichloroethane	0.005	U
11V	71-55-6	1,1,1-trichloroethane	0.005	U
13V	75-34-3	1,1-dichloroethane	0.005	U
14V	79-00-5	1,1,2-trichloroethane	0.005	U
15V	79-34-5	1,1,2,2-tetrachloroethane	0.005	U
16V	75-00-3	chloroethane	0.005	U
19V	110-75-8	2-chloroethylvinyl ether	0.050	U
23V	67-66-3	chloroform	0.005	U
29V	75-35-4	1,1-dichloroethene	0.005	U
30V	156-60-5	trans-1,2-dichloroethene	0.005	U
32V	78-87-5	1,2-dichloropropane	0.005	U
33V	10061-02-6	trans-1,3-dichloropropene	0.005	U
	10061-01-5	cis-1,3-dichloropropene	0.005	U
38V	100-41-4	ethylbenzene	0.005	U
44V	75-09-2	methylene chloride	0.24	
45V	74-87-3	chloromethane	0.005	U
46V	74-83-9	bromomethane	0.005	U
47V	75-25-2	bromoform	0.005	U
48V	75-27-4	bromodichloromethane	0.005	U
49V	75-69-4	fluorotrichloromethane	0.005	U
50V	75-71-8	dichlorodifluoromethane	0.005	U
51V	124-48-1	chlorodibromomethane	0.005	U
85V	127-18-4	tetrachloroethene	0.078	
86V	108-88-3	toluene	0.005	U
87V	79-01-6	trichloroethene	0.005	U
88V	75-01-4	vinyl chloride	0.005	U
CL13	67-64-1	acetone	0.020	U
CL14	78-93-3	2-butanone	0.020	U
CL15	75-15-0	carbondisulfide	0.005	U
CL16	519-78-6	2-hexanone	0.020	U
CL17	108-10-1	4-methyl-2-pentanone	0.020	U
CL18	100-42-5	styrene	0.005	U
CL19	108-05-4	vinyl acetate	0.005	U
CL20	95-47-6	total xylenes	0.005	U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/1 /84
CONC FACTOR: 4.1g/ml

6/7/84

PP#	CAS #		ug/g	
89P	309-00-2	aldrin	0.0025	U
90P	60-57-1	dieldrin	0.0050	U
91P	57-74-9	chlordane	0.025	U
92P	50-29-3	4,4'-DDT	0.0010	U
93P	72-55-9	4,4'-DDE	0.005	U
94P	72-54-8	4,4'-DDD	0.010	U
95P	115-29-7	a-endosulfan	0.005	U
96P	115-29-7	b-endosulfan	0.005	U
97P	1031-07-8	endosulfan sulfate	0.001	U
98P	72-20-8	endrin	0.005	U
99P	7421-93-4	endrin aldehyde	0.001	U
100P	76-44-8	heptachlor	0.0025	U
101P	1024-57-3	heptachlor epoxide	0.0025	U
102P	319-84-6	a-BHC	0.0025	U
103P	319-85-7	b-BHC	0.05M ~~0.049~~**	
104P	319-86-8	d-BHC	0.005M ~~0.0049~~**	
105P	58-89-9	g-BHC (lindane)	0.0025	U
106P	53469-21-9	PCB-1242	0.10	U
107P	11097-69-1	PCB-1254	0.10	U
108P	11104-28-2	PCB-1221	0.10	U
109P	11141-16-5	PCB-1232	0.10	U
110P	12672-29-6	PCB-1248	0.10	U
111P	11096-82-5	PCB-1260	0.22** M	
112P	12674-11-2	PCB-1016	0.10	U
113P	8001-35-2	toxaphene	0.25	U

DIOXINS

CONC FACTOR: 4.1g/1.5ml
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/10/84

PP#	CAS #		ug/g	
129B	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin	0.002	U

DIOXINS-FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: _____ / _____

SAMPLE NO: J 3451 SEDIMENT CW-5a 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4253

CASE NO: 2522/730J
QC REPORT NO: RED 730J 5
CONTRACT NO: 68-01-6733

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 59%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/19/84
CONC. FACTOR: 20.5g / 1.0 ml

6/7/84

PP#	CAS #		ug/g	PP#	CAS #		ug/g
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-28-5	naphthalene	0.44M
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	66B	117-81-7	bis(2-ethylhexyl)phthalate	2.8
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	3.3
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	1.2
1B	83-32-9	acenaphthene	0.2 U	73B	50-32-8	benzo(a)pyrene	1.9
5B	92-87-5	benzidine	0.2 U	74B	205-99-2	benzo(b)fluoranthene	0.63M
8B	120-82-1	1,2,4-trichlorobenzene	0.2 U	75B	207-08-9	benzo(k)fluoranthene	0.83M
9B	118-74-1	hexachlorobenzene	0.2 U	76B	218-01-9	chrysene	0.93M
12B	67-72-1	hexachloroethane	0.2 U	77B	208-96-8	acenaphthylene	0.20M
18B	111-44-4	bis(2-chloroethyl)ether	0.2 U	78B	120-12-7	anthracene	0.47M
20B	91-58-7	2-chloronaphthalene	0.2 U	79B	191-24-2	benzo(ghi)perylene	0.73M
25B	95-50-1	1,2-dichlorobenzene	0.2 U	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	81B	85-01-8	phenanthrene	0.68M
27B	106-46-7	1,4-dichlorobenzene	0.2 U	82B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.73M
35B	121-14-2	2,4-dinitrotoluene	0.2 U	84B	129-00-0	pyrene	1.5
36B	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6	benzyl alcohol	0.2 U
39B	206-44-0	fluoranthene	1.1	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	0.2 U	CL11	99-09-2	3-nitroaniline	0.2 U
				CL12	100-01-6	4-nitroaniline	0.2 U

NON COMPOUNDS - FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Kij / [illegible]

SAMPLE NO: J 3450 SEDIMENT CW-4 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4252

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 57%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/12/84

OK

PP#	CAS #		ug/g	
2V	107-02-8	acrolein	0.050	U
3V	107-13-1	acrylonitrile	0.050	U
4V	71-43-2	benzene	0.005	U
6V	56-23-5	carbon tetrachloride	0.005	U
7V	108-90-7	chlorobenzene	0.005	U
0V	107-06-2	1,2-dichloroethane	0.005	U
1V	71-55-6	1,1,1-trichloroethane	0.005	U
3V	75-34-3	1,1-dichloroethane	0.005	U
4V	79-00-5	1,1,2-trichloroethane	0.005	U
5V	79-34-5	1,1,2,2-tetrachloroethane	0.005	U
6V	75-00-3	chloroethane	0.005	U
9V	110-75-8	2-chloroethylvinyl ether	0.050	U
3V	67-66-3	chloroform	0.005	U
9V	75-35-4	1,1-dichloroethene	0.005	U
0V	156-60-5	trans-1,2-dichloroethene	0.005	U
2V	78-87-5	1,2-dichloropropane	0.005	U
3V	10061-02-6	trans-1,3-dichloropropene	0.005	U
	10061-01-5	cis-1,3-dichloropropene	0.005	U
5V	100-41-4	ethylbenzene	0.005	U
4V	75-09-2	methylene chloride	0.29	
5V	74-87-3	chloromethane	0.005	U
5V	74-83-9	bromomethane	0.005	U
7V	75-25-2	bromoform	0.005	U
8V	75-27-4	bromodichloromethane	0.005	U
9V	75-69-4	fluorotrichloromethane	0.005	U
0V	75-71-8	dichlorodifluoromethane	0.005	U
7V	124-48-1	chlorodibromomethane	0.005	U
5V	127-18-4	tetrachloroethene	0.053	
8V	108-88-3	toluene	0.005	U
7V	79-01-6	trichloroethene	0.005	U
9V	75-01-4	vinyl chloride	0.005	U
L13	67-64-1	acetone	0.020	U
L14	78-93-3	2-butanone	0.020	U
L15	75-15-0	carbondisulfide	0.005	U
L16	519-78-6	2-hexanone	0.020	U
L17	108-10-1	4-methyl-2-pentanone	0.020	U
L18	100-42-5	styrene	0.005	U
L19	108-05-4	vinyl acetate	0.005	U
L20	95-47-6	total xylenes	0.005	U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/4/84
CONC FACTOR: 4.3g/ml

JD 6/7/84

OK

PP#	CAS #		ug/g	
89P	309-00-2	aldrin	0.025	U
90P	60-57-1	dieldrin	0.050	U
91P	57-74-9	chlordane	0.25	U
92P	50-29-3	4,4'-DDT	0.010	U
93P	72-55-9	4,4'-DDE	0.050	U
94P	72-54-8	4,4'-DDD	0.10	U
95P	115-29-7	a-endosulfan	0.050	U
96P	115-29-7	b-endosulfan	0.050	U
97P	1031-07-8	endosulfan sulfate	0.010	U
98P	72-20-8	endrin	0.050	U
99P	7421-93-4	endrin aldehyde	0.010	U
100P	76-44-8	heptachlor	0.025	U
101P	1024-57-3	heptachlor epoxide	0.025	U
102P	319-84-6	a-BHC	0.025	U
103P	319-85-7	b-BHC	0.025	U
104P	319-86-8	d-BHC	0.025	U
105P	58-89-9	g-BHC (lindane)	0.025	U
106P	53469-21-9	PCB-1242	1.0	U
107P	11097-69-1	PCB-1254	1.0	U
108P	11104-28-2	PCB-1221	1.0	U
109P	11141-16-5	PCB-1232	1.0	U
110P	12672-29-6	PCB-1248	1.0	U
111P	11096-82-5	PCB-1260	1.0	U
112P	12674-11-2	PCB-1016	1.0	U
113P	8001-35-2	toxaphene	2.5	U

DIOXINS

CONC FACTOR: 4.3g/5ml
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/14/84

PP#	CAS #		ug/g	
129B	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin	0.002	U

DIOXINS-FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: [illegible] / [illegible]

SAMPLE NO: J 3450 SEDIMENT CW-4 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4252

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6703

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 57%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/18/84
CONC. FACTOR: 21.5g / 10ml

6/7/84

PP#	CAS #		ug/g	PP#	CAS #		ug/g
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-28-5	naphthalene	0.51 M
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	66B	117-81-7	bis(2-ethylhexyl)phthalate	1.9
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	2.7
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	3.4
1B	83-32-9	acenaphthene	0.2 U	73B	50-32-8	benzo(a)pyrene	3.2
5B	92-87-5	benzidine	0.2 U	74B	205-99-2	benzo(b)fluoranthene	1.3
8B	120-82-1	1,2,4-trichlorobenzene	0.2 U	75B	207-08-9	benzo(k)fluoranthene	1.3
9B	118-74-1	hexachlorobenzene	0.2 U	76B	218-01-9	chrysene	2.6
12B	67-72-1	hexachloroethane	0.2 U	77B	208-96-8	acenaphthylene	0.70 M
18B	111-44-4	bis(2-chloroethyl)ether	0.2 U	78B	120-12-7	anthracene	1.6
20B	91-58-7	2-chloronaphthalene	0.2 U	79B	191-24-2	benzo(ghi)perylene	1.1
25B	95-50-1	1,2-dichlorobenzene	0.2 U	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	81B	85-01-8	phenanthrene	3.0
27B	106-46-7	1,4-dichlorobenzene	0.2 U	82B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	1.2
35B	121-14-2	2,4-dinitrotoluene	0.2 U	84B	129-00-0	pyrene	5.6
36B	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6	benzyl alcohol	0.2 U
39B	206-44-0	fluoranthene	3.3	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	0.2 U	CL11	99-09-2	3-nitroaniline	0.2 U
				CL12	100-01-6	4-nitroaniline	0.2 U

ABN. COMPOUNDS - FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: _____ / _____

SAMPLE NO: J 3449 SEDIMENT CW-3 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4251

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 57%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/12/84

PP#	CAS #		ug/g
2V	107-02-8	acrolein	0.050 U
3V	107-13-1	acrylonitrile	0.050 U
4V	71-43-2	benzene	0.005 U
6V	56-23-5	carbon tetrachloride	0.005 U
7V	108-90-7	chlorobenzene	0.005 U
10V	107-06-2	1,2-dichloroethane	0.005 U
11V	71-55-6	1,1,1-trichloroethane	0.005 U
13V	75-34-3	1,1-dichloroethane	0.005 U
14V	79-00-5	1,1,2-trichloroethane	0.005 U
15V	79-34-5	1,1,2,2-tetrachloroethane	0.005 U
16V	75-00-3	chloroethane	0.005 U
19V	110-75-8	2-chloroethylvinyl ether	0.050 U
23V	67-66-3	chloroform	0.005 U
29V	75-35-4	1,1-dichloroethene	0.005 U
30V	156-60-5	trans-1,2-dichloroethene	0.005 U
32V	78-87-5	1,2-dichloropropane	0.005 U
33V	10061-02-6	trans-1,3-dichloropropene	0.005 U
	10061-01-5	cis-1,3-dichloropropene	0.005 U
38V	100-41-4	ethylbenzene	0.005 U
44V	75-09-2	methylene chloride	0.020 U
45V	74-87-3	chloromethane	0.005 U
46V	74-83-9	bromomethane	0.005 U
47V	75-25-2	bromoform	0.005 U
48V	75-27-4	bromodichloromethane	0.005 U
49V	75-69-4	fluorotrichloromethane	0.005 U
50V	75-71-8	dichlorodifluoromethane	0.005 U
51V	124-48-1	chlorodibromomethane	0.005 U
85V	127-18-4	tetrachloroethene	0.035
86V	108-88-3	toluene	0.005 U
87V	79-01-6	trichloroethene	0.005 U
88V	75-01-4	vinyl chloride	0.005 U
CL13	67-64-1	acetone	0.020 U
CL14	78-93-3	2-butanone	0.020 U
CL15	75-15-0	carbondisulfide	0.005 U
CL16	519-78-6	2-hexanone	0.020 U
CL17	108-10-1	4-methyl-2-pentanone	0.020 U
CL18	100-42-5	styrene	0.005 U
CL19	108-05-4	vinyl acetate	0.005 U
CL20	95-47-6	total xylenes	0.005 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/1 /84
CONC FACTOR: 4.3g/mL

6/7/84

PP#	CAS #		ug/g
89P	309-00-2	aldrin	0.0025 U
90P	60-57-1	dieldrin	0.0050 U
91P	57-74-9	chlordane	0.025 U
92P	50-29-3	4,4'-DDT	0.0010 U
93P	72-55-9	4,4'-DDE	0.005 U
94P	72-54-8	4,4'-DDD	0.010 U
95P	115-29-7	a-endosulfan	0.005 U
96P	115-29-7	b-endosulfan	0.005 U
97P	1031-07-8	endosulfan sulfate	0.001 U
98P	72-20-8	endrin	0.005 U
99P	7421-93-4	endrin aldehyde	0.001 U
100P	76-44-8	heptachlor	0.0025 U
101P	1024-57-3	heptachlor epoxide	0.0025 U
102P	319-84-6	a-BHC	0.0025 U
103P	319-85-7	b-BHC	0.0025 U
104P	319-86-8	d-BHC	0.0025 U
105P	58-89-9	g-BHC (lindane)	0.0025 U
106P	53469-21-9	PCB-1242	0.10 U
107P	11097-69-1	PCB-1254	0.10 U
108P	11104-28-2	PCB-1221	0.10 U
109P	11141-16-5	PCB-1232	0.10 U
110P	12672-29-6	PCB-1248	0.10 U
111P	11096-82-5	PCB-1260	0.19 M
112P	12674-11-2	PCB-1016	0.10 U
113P	8001-35-2	toxaphene	0.25 U

DIOXINS

CONC FACTOR: 4.3g/10.5 mL
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/14/84

PP#	CAS #		ug/g
129S	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin	0.002 U

DIOXINS-FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Ky / [illegible]

SAMPLE NO: J 3449 SEDIMENT CW-3 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4251

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6733

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 57%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/18/84
CONC. FACTOR: 21.7g / 10 ml

JS 6/7/84

PP#	CAS #		ug/g	PP#	CAS #		ug/g
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-20-3	naphthalene	0.41 M
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	65B	117-81-7	bis(2-ethylhexyl)phthalate	2.6
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	5.1
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	1.4
1B	83-32-9	acenaphthene	0.2 U	73B	50-32-8	benzo(a)pyrene	1.4
5B	92-87-5	benzidine	0.2 U	74B	205-99-2	benzo(b)fluoranthene	0.65 M
6B	120-82-1	1,2,4-trichlorobenzene	0.2 U	75B	207-08-9	benzo(k)fluoranthene	0.65 M
9B	118-74-1	hexachlorobenzene	0.2 U	76B	218-01-9	chrysene	1.2
12B	67-72-1	hexachloroethane	0.2 U	77B	208-96-8	acenaphthylene	0.32 M
18B	111-44-4	bis(2-chloroethyl)ether	0.2 U	78B	120-12-7	anthracene	0.55 M
20B	91-58-7	2-chloronaphthalene	0.2 U	79B	191-24-2	benzo(ghi)perylene	0.50 M
25B	95-50-1	1,2-dichlorobenzene	0.2 U	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	81B	85-01-8	phenanthrene	0.65 M
27B	106-46-7	1,4-dichlorobenzene	0.2 U	82B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.60 M
35B	121-14-2	2,4-dinitrotoluene	0.2 U	84B	129-00-0	pyrene	2.0
36B	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6	benzyl alcohol	0.2 U
39B	206-44-0	fluoranthene	1.4	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	0.2 U	CL11	99-09-2	3-nitroaniline	0.2 U
				CL12	100-01-6	4-nitroaniline	0.2 U

ABN COMPOUNDS - FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: _____ / _____

SAMPLE NO: J 3448 SEDIMENT CW-2 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4250

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 46%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/12/84

OK

PP#	CAS #		ug/g	
2V	107-02-8	acrolein	0.050	U
3V	107-13-1	acrylonitrile	0.050	U
4V	71-43-2	benzene	0.005	U
6V	56-23-5	carbon tetrachloride	0.005	U
7V	108-90-7	chlorobenzene	0.005	U
10V	107-06-2	1,2-dichloroethane	0.005	U
11V	71-55-6	1,1,1-trichloroethane	0.005	U
13V	75-34-3	1,1-dichloroethane	0.005	U
14V	79-00-5	1,1,2-trichloroethane	0.005	U
15V	79-34-5	1,1,2,2-tetrachloroethane	0.005	U
16V	75-00-3	chloroethane	0.005	U
19V	110-75-8	2-chloroethylvinyl ether	0.050	U
23V	67-66-3	chloroform	0.005	U
29V	75-35-4	1,1-dichloroethene	0.005	U
30V	156-60-5	trans-1,2-dichloroethene	0.005	U
32V	78-87-5	1,2-dichloropropane	0.005	U
33V	10061-02-6	trans-1,3-dichloropropene	0.005	U
	10061-01-5	cis-1,3-dichloropropene	0.005	U
38V	100-41-4	ethylbenzene	0.005	U
44V	75-09-2	methylene chloride	0.10	
45V	74-87-3	chloromethane	0.005	U
46V	74-83-9	bromomethane	0.005	U
47V	75-25-2	bromoform	0.005	U
48V	75-27-4	bromodichloromethane	0.005	U
49V	75-69-4	fluorotrichloromethane	0.005	U
50V	75-71-8	dichlorodifluoromethane	0.005	U
51V	124-48-1	chlorodibromomethane	0.005	U
85V	127-18-4	tetrachloroethene	0.005	U
86V	108-88-3	toluene	0.005	U
87V	79-01-6	trichloroethene	0.005	U
88V	75-01-4	vinyl chloride	0.005	U
CL13	67-64-1	acetone	0.020	U
CL14	78-93-3	2-butanone	0.020	U
CL15	75-15-0	carbondisulfide	0.005	U
CL16	519-78-6	2-hexanone	0.020	U
CL17	108-10-1	4-methyl-2-pentanone	0.020	U
CL18	100-42-5	styrene	0.005	U
CL19	108-05-4	vinyl acetate	0.005	U
CL20	95-47-6	total xylenes	0.005	U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/16/84
CONC FACTOR: 5.5g/ml

JS 6/7/84 OK

PP#	CAS #		ug/g	
89P	309-00-2	aldrin	0.0025	U
90P	60-57-1	dieldrin	0.0050	U
91P	57-74-9	chlordane	0.025	U
92P	50-29-3	4,4'-DDT	0.0010	U
93P	72-55-9	4,4'-DDE	0.005	U
94P	72-54-8	4,4'-DDD	0.010	U
95P	115-29-7	a-endosulfan	0.005	U
96P	115-29-7	b-endosulfan	0.005	U
97P	1031-07-8	endosulfan sulfate	0.001	U
98P	72-20-8	endrin	0.005	U
99P	7421-93-4	endrin aldehyde	0.001	U
100P	76-44-8	heptachlor	0.0025	U
101P	1024-57-3	heptachlor epoxide	0.0025	U
102P	319-84-6	a-BHC	0.0025	U
103P	319-85-7	b-BHC	0.0025	U
104P	319-86-8	d-BHC	0.0025	U
105P	58-89-9	g-BHC (lindane)	0.0025	U
106P	53469-21-9	PCB-1242	0.10	U
107P	11097-69-1	PCB-1254	0.10	U
108P	11104-28-2	PCB-1221	0.10	U
109P	11141-16-5	PCB-1232	0.10	U
110P	12672-29-6	PCB-1248	0.10	U
111P	11096-82-5	PCB-1260	0.10	U
112P	12674-11-2	PCB-1016	0.10	U
113P	8001-35-2	toxaphene	0.25	U

DIOXINS

CONC FACTOR: 5.5g/0.5ml
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/8/84

PP#	CAS #		ug/g	
129B	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin	0.002	U

DIOXINS-FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Ky / [illegible]

SAMPLE NO: J 3443 SEDIMENT CW-2 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4250

CASE NO: 2522/730J
QC REPORT NO: RED 730J 5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 46%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/03/84
DATE ANALYZED: 4/16/84
CONC. FACTOR: 27.3g /10 ml

JS 6/6/84

PP#	CAS #		ug/g	PP#	CAS #		ug/g
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-20-3	naphthalene	0.29M
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	66B	117-81-7	bis(2-ethylhexyl)phthalate	1.1
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	0.51M
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	0.95M
1B	83-32-9	acenaphthene	0.2 U	73B	50-32-8	benzo(a)pyrene	1.4
5B	92-87-5	benzidine	0.2 U	74B	205-99-2	benzo(b)fluoranthene	0.62M
8B	120-82-1	1,2,4-trichlorobenzene	0.2 U	75B	207-08-9	benzo(k)fluoranthene	0.62M
9B	118-74-1	hexachlorobenzene	0.2 U	76B	218-01-9	chrysene	0.81M
12B	67-72-1	hexachloroethane	0.2 U	77B	208-96-8	acenaphthylene	0.22M
16B	111-44-4	bis(2-chloroethyl)ether	0.2 U	78B	120-12-7	anthracene	0.51M
20B	91-58-7	2-chloronaphthalene	0.2 U	79B	191-24-2	benzo(ghi)perylene	0.40M
25B	95-50-1	1,2-dichlorobenzene	0.2 U	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	81B	85-01-8	phenanthrene	0.37M
27B	106-46-7	1,4-dichlorobenzene	0.2 U	82B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.48M
35B	121-14-2	2,4-dinitrotoluene	0.2 U	84B	129-00-0	pyrene	1.4
36B	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6	benzyl alcohol	0.2 U
39B	206-44-0	fluoranthene	0.95M	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	0.2 U	CL11	99-09-2	3-nitroaniline	0.2 U
				CL12	100-01-6	4-nitroaniline	0.2 U

ABN COMPOUNDS - FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Ly / 4/21

SAMPLE NO: J 3447 SEDIMENT CW-1 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4249

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 56%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/12/84

PP#	CAS #		ug/g	
2V	107-02-8	acrolein	0.050	U
3V	107-13-1	acrylonitrile	0.050	U
4V	71-43-2	benzene	0.005	U
6V	56-23-5	carbon tetrachloride	0.005	U
7V	108-90-7	chlorobenzene	0.005	U
10V	107-06-2	1,2-dichloroethane	0.005	U
11V	71-55-6	1,1,1-trichloroethane	0.005	U
13V	75-34-3	1,1-dichloroethane	0.005	U
14V	79-00-5	1,1,2-trichloroethane	0.005	U
15V	79-34-5	1,1,2,2-tetrachloroethane	0.005	U
16V	75-00-3	chloroethane	0.005	U
19V	110-75-8	2-chloroethylvinyl ether	0.050	U
23V	67-66-3	chloroform	0.005	U
29V	75-35-4	1,1-dichloroethene	0.005	U
30V	156-60-5	trans-1,2-dichloroethene	0.005	U
32V	78-87-5	1,2-dichloropropane	0.005	U
33V	10061-02-6	trans-1,3-dichloropropene	0.005	U
	10061-01-5	cis-1,3-dichloropropene	0.005	U
39V	100-41-4	ethylbenzene	0.005	U
44V	75-09-2	methylene chloride	0.020	U
45V	74-87-3	chloromethane	0.005	U
46V	74-83-9	bromomethane	0.005	U
47V	75-25-2	bromoform	0.005	U
48V	75-27-4	bromodichloromethane	0.005	U
49V	75-69-4	fluorotrichloromethane	0.005	U
50V	75-71-8	dichlorodifluoromethane	0.005	U
51V	124-48-1	chlorodibromomethane	0.005	U
85V	127-18-4	tetrachloroethene	0.061	
86V	108-88-3	toluene	0.005	U
87V	79-01-6	trichloroethene	0.005	U
88V	75-01-4	vinyl chloride	0.005	U
CL13	67-64-1	acetone	0.020	U
CL14	78-93-3	2-butanone	0.020	U
CL15	75-15-0	carbondisulfide	0.005	U
CL16	519-78-6	2-hexanone	0.020	U
CL17	108-10-1	4-methyl-2-pentanone	0.020	U
CL18	100-42-5	styrene	0.005	U
CL19	108-05-4	vinyl acetate	0.005	U
CL20	95-47-6	total xylenes	0.005	U

OK

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/16/84
CONC FACTOR: 4.4g/mL

PP#	CAS #		ug/g	
89P	309-00-2	aldrin	0.025	U
90P	60-57-1	dieldrin	0.050	U
91P	57-74-9	chlordane	0.25	U
92P	50-29-3	4,4'-DDT	0.010	U
93P	72-55-9	4,4'-DDE	0.050	U
94P	72-54-8	4,4'-DDD	0.10	U
95P	115-29-7	a-endosulfan	0.050	U
96P	115-29-7	b-endosulfan	0.050	U
97P	1031-07-8	endosulfan sulfate	0.010	U
98P	72-20-8	endrin	0.050	U
99P	7421-93-4	endrin aldehyde	0.010	U
100P	76-44-8	heptachlor	0.025	U
101P	1024-57-3	heptachlor epoxide	0.025	U
102P	319-84-6	a-BHC	0.025	U
103P	319-85-7	b-BHC	0.025	U
104P	319-86-8	d-BHC	0.025	U
105P	58-89-9	g-BHC (lindane)	0.025	U
106P	53469-21-9	PCB-1242	1.0	U
107P	11097-69-1	PCB-1254	1.0	U
108P	11104-28-2	PCB-1221	1.0	U
109P	11141-16-5	PCB-1232	1.0	U
110P	12672-29-6	PCB-1248	1.0	U
111P	11096-82-5	PCB-1260	1.0	U
112P	12674-11-2	PCB-1016	1.0	U
113P	8001-35-2	toxaphene	2.5	U

6/6/84

OK

DIOXINS

CONC FACTOR: 4.4g/10.5mL
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/10/84

PP#	CAS #		ug/g	
129B	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin	0.002	U

DIOXINS-FS
RESULTS REPORTED IN DRY WEIGHT

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Ky / MDM

SAMPLE NO: J 3447 SEDIMENT CW-1 4/04/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4249

CASE NO: 2522/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6733

DATE SAMPLE REC'D: 4/05/84
SAMPLE MATRIX: SOIL
PERCENT MOISTURE: 55%

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 4/18/84
CONC. FACTOR: 22.2g/10ml

J.F. 6/6/84

PP#	CAS #		ug/g	PP#	CAS #		ug/g
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-20-5	naphthalene	0.50 M
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	65B	117-81-7	bis(2-ethylhexyl)phthalate	2.2
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	~~0.2 U~~ 0.23
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	2.3
1B	83-32-9	acenaphthene	0.2 U	73B	50-32-8	benzo(a)pyrene	1.7
5B	92-87-5	benzidine	0.2 U	74B	205-99-2	benzo(b)fluoranthene	1.0
8B	120-82-1	1,2,4-trichlorobenzene	0.2 U	75B	207-08-9	benzo(k)fluoranthene	1.0
9B	118-74-1	hexachlorobenzene	0.2 U	76B	218-01-9	chrysene	1.9
12B	67-72-1	hexachloroethane	0.2 U	77B	208-96-8	acenaphthylene	0.36 M
18B	111-44-4	bis(2-chloroethyl)ether	0.2 U	78B	120-12-7	anthracene	0.63 M
20B	91-58-7	2-chloronaphthalene	0.2 U	79B	191-24-2	benzo(ghi)perylene	0.59 M
25B	95-50-1	1,2-dichlorobenzene	0.2 U	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	81B	85-01-8	phenanthrene	1.9
27B	106-46-7	1,4-dichlorobenzene	0.2 U	82B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.55 M
35B	121-14-2	2,4-dinitrotoluene	0.2 U	84B	129-00-0	pyrene	5.0
36B	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6	benzyl alcohol	0.2 U
38B	206-44-0	fluoranthene	4.2	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	0.2 U	CL11	99-09-2	3-nitroaniline	0.2 U
				CL12	100-01-6	4-nitroaniline	0.2 U

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
818, Alexandria, Virginia 22313 - 703/557-2490

HA PREP/RELEASE BY: Ky / [illegible]

SAMPLE NO: J 3446 PUMP BLANK 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: 54264

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/84
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/13/84

PP#	CAS #		ug/L
2V	107-02-8	acrolein	10 U
3V	107-13-1	acrylonitrile	10 U
4V	71-43-2	benzene	1 U
6V	56-23-5	carbon tetrachloride	1 U
7V	108-90-7	chlorobenzene	1 U
10V	107-06-2	1,2-dichloroethane	1 U
11V	71-55-6	1,1,1-trichloroethane	1 U
13V	75-34-3	1,1-dichloroethane	1 U
14V	79-00-5	1,1,2-trichloroethane	1 U
15V	79-34-5	1,1,2,2-tetrachloroethane	1 U
16V	75-00-3	chloroethane	1 U
19V	110-75-8	2-chloroethylvinyl ether	10 U
23V	67-66-3	chloroform	1 U
29V	75-35-4	1,1-dichloroethene	1 U
30V	156-60-5	trans-1,2-dichloroethene	1 U
32V	78-87-5	1,2-dichloropropane	1 U
33V	10061-02-6	trans-1,3-dichloropropene	1 U
	10061-01-5	cis-1,3-dichloropropene	1 U
38V	100-41-4	ethylbenzene	1 U
44V	75-09-2	methylene chloride	16
45V	74-87-3	chloromethane	1 U
46V	74-83-9	bromomethane	1 U
47V	75-25-2	bromoform	1 U
48V	75-27-4	bromodichloromethane	1 U
49V	75-69-4	fluorotrichloromethane	1 U
50V	75-71-8	dichlorodifluoromethane	1 U
51V	124-48-1	chlorodibromomethane	1 U
85V	127-18-4	tetrachloroethene	1 U
86V	108-88-3	toluene	1 U
87V	79-01-6	trichloroethene	1 U
88V	75-01-4	vinyl chloride	1 U
CL13	67-64-1	acetone	5 U
CL14	78-93-3	2-butanone	5 U
CL15	75-15-0	carbondisulfide	1 U
CL16	519-78-6	2-hexanone	5 U
CL17	108-10-1	4-methyl-2-pentanone	5 U
CL18	100-42-5	styrene	1 U
CL19	108-05-4	vinyl acetate	5 U
CL20	95-47-6	total xylenes	1 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/09/84
CONC FACTOR: 500ml/5ml

JS 6/7/84

PP#	CAS #		ug/L
89P	309-00-2	aldrin	0.05 U
90P	60-57-1	dieldrin	0.05 U
91P	57-74-9	chlordane	0.50 U
92P	50-29-3	4,4'-DDT	0.10 U
93P	72-55-9	4,4'-DDE	0.05 U
94P	72-54-8	4,4'-DDD	0.10 U
95P	115-29-7	a-endosulfan	0.05 U
96P	115-29-7	b-endosulfan	0.05 U
97P	1031-07-8	endosulfan sulfate	0.10 U
98P	72-20-8	endrin	0.05 U
99P	7421-93-4	endrin aldehyde	0.10 U
100P	76-44-8	heptachlor	0.05 U
101P	1024-57-3	heptachlor epoxide	0.05 U
102P	319-84-6	a-BHC	0.05 U
103P	319-85-7	b-BHC	0.05 U
104P	319-86-8	d-BHC	0.05 U
105P	58-89-9	g-BHC (lindane)	0.05 U
106P	53469-21-9	PCB-1242	0.50 U
107P	11097-69-1	PCB-1254	1.0 U
108P	11104-28-2	PCB-1221	1.0 U
109P	11141-16-5	PCB-1232	1.0 U
110P	12672-29-6	PCB-1248	1.0 U
111P	11096-82-5	PCB-1260	2.0 U
112P	12674-11-2	PCB-1016	0.50 U
113P	8001-35-2	toxaphene	10 U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: _____ / _____ SAMPLE NO: J 3443 PUMP BLANK 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4264

CASE NO: 2622/730J
QC REPORT NO: RED 730J-S
CONTRACT NO: 68-01-6753

DATE SAMPLE REC'D: 4/07/83
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

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SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/10/84
DATE ANALYZED: 4/26/84
CONC. FACTOR: 1L/2ml

6/7/84

PP#	CAS #		ug/L	PP#	CAS #		ug/L
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	1.0 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	1.0 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	1.0 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-20-3	naphthalene	1.0 U
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	1.0 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	2.0 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	1.0 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	1.0 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	66B	117-81-7	bis(2-ethylhexyl)phthalate	1.0 U
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	1.0 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	1.0 U
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	1.0 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	1.0 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	1.0 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	0.1 U
1B	83-32-9	acenaphthene	0.1 U	73B	50-32-8	benzo(a)pyrene	0.1 U
5B	92-87-5	benzidine	1.0 U	74B	205-99-2	benzo(b)fluoranthene	0.1 U
8B	120-82-1	1,2,4-trichlorobenzene	1.0 U	75B	207-08-9	benzo(k)fluoranthene	0.1 U
9B	118-74-1	hexachlorobenzene	1.0 U	76B	218-01-9	chrysene	0.1 U
12B	67-72-1	hexachloroethane	1.0 U	77B	208-96-8	acenaphthylene	0.1 U
18B	111-44-4	bis(2-chloroethyl)ether	1.0 U	78B	120-12-7	anthracene	0.1 U
20B	91-58-7	2-chloronaphthalene	1.0 U	79B	191-24-2	benzo(ghi)perylene	0.1 U
25B	95-50-1	1,2-dichlorobenzene	1.0 U	80B	86-73-7	fluorene	0.1 U
26B	541-73-1	1,3-dichlorobenzene	1.0 U	81B	85-01-8	phenanthrene	0.1 U
27B	106-46-7	1,4-dichlorobenzene	1.0 U	82B	53-70-3	dibenzo(a,h)anthracene	0.1 U
28B	91-94-1	3,3'-dichlorobenzidine	1.0 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.1 U
35B	121-14-2	2,4-dinitrotoluene	1.0 U	84B	129-00-0	pyrene	0.1 U
36B	606-20-2	2,6-dinitrotoluene	1.0 U	CL5	62-53-3	aniline	1.0 U
37B	122-66-7	1,2-diphenylhydrazine	1.0 U	CL6	100-51-6	benzyl alcohol	1.0 U
39B	206-44-0	fluoranthene	0.1 U	CL7	106-47-8	4-chloroaniline	1.0 U
40B	7005-72-3	4-chlorophenyl phenyl ether	1.0 U	CL8	132-64-9	dibenzofuran	0.1 U
41B	101-55-3	4-bromophenyl phenyl ether	1.0 U	CL9	91-57-6	2-methylnaphthalene	1.0 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	1.0 U	CL10	88-74-4	2-nitroaniline	1.0 U
43B	111-91-1	bis(2-chloroethoxy) methane	1.0 U	CL11	99-09-2	3-nitroaniline	1.0 U
				CL12	100-01-6	4-nitroaniline	1.0 U

ABN COMPOUNDS - FS

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
818, Alexandria, Virginia 22313 - 703/557-2490

PREP/RELEASE BY: Ky / [illegible]

SAMPLE NO: J 3445 BAILER BLANK 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4263

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/84
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

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VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/13/84

PP#	CAS #		ug/L
2V	107-02-8	acrolein	10 U
3V	107-13-1	acrylonitrile	10 U
4V	71-43-2	benzene	1 U
6V	56-23-5	carbon tetrachloride	1 U
7V	108-90-7	chlorobenzene	1 U
10V	107-06-2	1,2-dichloroethane	1 U
11V	71-55-6	1,1,1-trichloroethane	1 U
13V	75-34-3	1,1-dichloroethane	1 U
14V	79-00-5	1,1,2-trichloroethane	1 U
15V	79-34-5	1,1,2,2-tetrachloroethane	1 U
16V	75-00-3	chloroethane	1 U
19V	110-75-8	2-chloroethylvinyl ether	10 U
23V	67-66-3	chloroform	1 U
29V	75-35-4	1,1-dichloroethene	1 U
30V	156-60-5	trans-1,2-dichloroethene	1 U
32V	78-87-5	1,2-dichloropropane	1 U
33V	10061-02-6	trans-1,3-dichloropropene	1 U
	10061-01-5	cis-1,3-dichloropropene	1 U
38V	100-41-4	ethylbenzene	1 U
44V	75-09-2	methylene chloride	32
45V	74-87-3	chloromethane	1 U
46V	74-83-9	bromomethane	1 U
47V	75-25-2	bromoform	1 U
48V	75-27-4	bromodichloromethane	1 U
49V	75-69-4	fluorotrichloromethane	1 U
50V	75-71-8	dichlorodifluoromethane	1 U
51V	124-48-1	chlorodibromomethane	1 U
85V	127-18-4	tetrachloroethene	1 U
86V	108-88-3	toluene	1 U
87V	79-01-6	trichloroethene	1 U
88V	75-01-4	vinyl chloride	1 U
CL13	67-64-1	acetone	5 U
CL14	78-93-3	2-butanone	5 U
CL15	75-15-0	carbondisulfide	1 U
CL16	519-78-6	2-hexanone	5 U
CL17	108-10-1	4-methyl-2-pentanone	5 U
CL18	100-42-5	styrene	1 U
CL19	108-05-4	vinyl acetate	5 U
CL20	95-47-6	total xylenes	1 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/09/84
CONC FACTOR: 1L/5ml

(85) 6/7/84

PP#	CAS #		ug/L
89P	309-00-2	aldrin	0.05 U
90P	60-57-1	dieldrin	0.05 U
91P	57-74-9	chlordane	0.50 U
92P	50-29-3	4,4'-DDT	0.10 U
93P	72-55-9	4,4'-DDE	0.05 U
94P	72-54-8	4,4'-DDD	0.10 U
95P	115-29-7	a-endosulfan	0.05 U
96P	115-29-7	b-endosulfan	0.05 U
97P	1031-07-8	endosulfan sulfate	0.10 U
98P	72-20-8	endrin	0.05 U
99P	7421-93-4	endrin aldehyde	0.10 U
100P	76-44-8	heptachlor	0.05 U
101P	1024-57-3	heptachlor epoxide	0.05 U
102P	319-84-6	a-BHC	0.05 U
103P	319-85-7	b-BHC	0.05 U
104P	319-86-8	d-BHC	0.05 U
105P	58-89-9	g-BHC (lindane)	0.05 U
106P	53469-21-9	PCB-1242	0.50 U
107P	11097-69-1	PCB-1254	1.0 U
108P	11104-28-2	PCB-1221	1.0 U
109P	11141-16-5	PCB-1232	1.0 U
110P	12672-29-6	PCB-1248	1.0 U
111P	11096-82-5	PCB-1260	2.0 U
112P	12674-11-2	PCB-1016	0.50 U
113P	8001-35-2	toxaphene	10 U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Key / [illegible]

SAMPLE NO: J 3445 BAILER BLANK 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: 54263

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 33-01-6753

DATE SAMPLE REC'D: 4/07/33
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

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SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/10/84
DATE ANALYZED: 4/25/84
CONC. FACTOR: 1L/2ml

6/7/84

PP#	CAS #		ug/L	PP#	CAS #		ug/L
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	1.0 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	1.0 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	1.0 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-28-5	naphthalene	1.0 U
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	1.0 U
57A	88-75-5	2-nitrophenol	1.0 U	61B	62-75-9	N-nitrosodimethylamine	2.0 U
59A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	1.0 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	1.0 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	66B	117-81-7	bis(2-ethylhexyl)phthalate	1.0 U
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	1.0 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	1.0 U
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	1.0 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	1.0 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	1.0 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	0.1 U
1B	83-32-9	acenaphthene	0.1 U	73B	50-32-8	benzo(a)pyrene	0.1 U
5B	92-87-5	benzidine	1.0 U	74B	205-99-2	benzo(b)fluoranthene	0.1 U
8B	120-82-1	1,2,4-trichlorobenzene	1.0 U	75B	207-08-9	benzo(k)fluoranthene	0.1 U
9B	118-74-1	hexachlorobenzene	1.0 U	76B	218-01-9	chrysene	0.1 U
12B	67-72-1	hexachloroethane	1.0 U	77B	208-96-8	acenaphthylene	0.1 U
18B	111-44-4	bis(2-chloroethyl)ether	1.0 U	78B	120-12-7	anthracene	0.1 U
20B	91-58-7	2-chloronaphthalene	1.0 U	79B	191-24-2	benzo(ghi)perylene	0.1 U
25B	95-50-1	1,2-dichlorobenzene	1.0 U	80B	86-73-7	fluorene	0.1 U
26B	541-73-1	1,3-dichlorobenzene	1.0 U	81B	85-01-8	phenanthrene	0.1 U
27B	106-46-7	1,4-dichlorobenzene	1.0 U	82B	53-70-3	dibenzo(a,h)anthracene	0.1 U
28B	91-94-1	3,3'-dichlorobenzidine	1.0 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.1 U
35B	121-14-2	2,4-dinitrotoluene	1.0 U	84B	129-00-0	pyrene	0.1 U
36B	606-20-2	2,6-dinitrotoluene	1.0 U	CL5	62-53-3	aniline	1.0 U
37B	122-66-7	1,2-diphenylhydrazine	1.0 U	CL6	100-51-6	benzyl alcohol	1.0 U
39B	206-44-0	fluoranthene	0.1 U	CL7	106-47-8	4-chloroaniline	1.0 U
40B	7005-72-3	4-chlorophenyl phenyl ether	1.0 U	CL8	132-64-9	dibenzofuran	0.1 U
41B	101-55-3	4-bromophenyl phenyl ether	1.0 U	CL9	91-57-6	2-methylnaphthalene	1.0 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	1.0 U	CL10	88-74-4	2-nitroaniline	1.0 U
43B	111-91-1	bis(2-chloroethoxy) methane	1.0 U	CL11	99-09-2	3-nitroaniline	1.0 U
				CL12	100-01-6	4-nitroaniline	1.0 U

ADN COMPOUNDS - FS

FOR DATA REPORTING QUALIFIERS SEE COVER LETTER

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Ky / MOA

SAMPLE NO: J 3444 TRANSPORT BLANK 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4262

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/84
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/13/84

PP#	CAS #		ug/L
2V	107-02-8	acrolein	10 U
3V	107-13-1	acrylonitrile	10 U
4V	71-43-2	benzene	1 U
6V	56-23-5	carbon tetrachloride	1 U
7V	108-90-7	chlorobenzene	1 U
10V	107-06-2	1,2-dichloroethane	1 U
11V	71-55-6	1,1,1-trichloroethane	1 U
13V	75-34-3	1,1-dichloroethane	1 U
14V	79-00-5	1,1,2-trichloroethane	1 U
15V	79-34-5	1,1,2,2-tetrachloroethane	1 U
16V	75-00-3	chloroethane	1 U
19V	110-75-8	2-chloroethylvinyl ether	10 U
23V	67-66-3	chloroform	1 U
29V	75-35-4	1,1-dichloroethene	1 U
30V	156-60-5	trans-1,2-dichloroethene	1 U
32V	78-87-5	1,2-dichloropropane	1 U
33V	10061-02-6	trans-1,3-dichloropropene	1 U
	10061-01-5	cis-1,3-dichloropropene	1 U
38V	100-41-4	ethylbenzene	1 U
44V	75-09-2	methylene chloride	1 U
45V	74-87-3	chloromethane	1 U
46V	74-83-9	bromomethane	1 U
47V	75-25-2	bromoform	1 U
48V	75-27-4	bromodichloromethane	1 U
49V	75-69-4	fluorotrichloromethane	1 U
50V	75-71-8	dichlorodifluoromethane	1 U
51V	124-48-1	chlorodibromomethane	1 U
85V	127-18-4	tetrachloroethene	1 U
86V	108-88-3	toluene	1 U
87V	79-01-6	trichloroethene	1 U
88V	75-01-4	vinyl chloride	1 U
CL13	67-64-1	acetone	5 U
CL14	78-93-3	2-butanone	5 U
CL15	75-15-0	carbondisulfide	1 U
CL16	519-78-6	2-hexanone	5 U
CL17	108-10-1	4-methyl-2-pentanone	5 U
CL18	100-42-5	styrene	1 U
CL19	108-05-4	vinyl acetate	5 U
CL20	95-47-6	total xylenes	1 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/09/84
CONC FACTOR: 1L/5ml

6/7/84

PP#	CAS #		ug/L
89P	309-00-2	aldrin	0.05 U
90P	60-57-1	dieldrin	0.05 U
91P	57-74-9	chlordane	0.50 U
92P	50-29-3	4,4'-DDT	0.10 U
93P	72-55-9	4,4'-DDE	0.05 U
94P	72-54-8	4,4'-DDD	0.10 U
95P	115-29-7	a-endosulfan	0.05 U
96P	115-29-7	b-endosulfan	0.05 U
97P	1031-07-8	endosulfan sulfate	0.10 U
98P	72-20-8	endrin	0.05 U
99P	7421-93-4	endrin aldehyde	0.10 U
100P	76-44-8	heptachlor	0.05 U
101P	1024-57-3	heptachlor epoxide	0.05 U
102P	319-84-6	a-BHC	0.05 U
103P	319-85-7	b-BHC	0.05 U
104P	319-86-8	d-BHC	0.05 U
105P	58-89-9	g-BHC (lindane)	0.05 U
106P	53469-21-9	PCB-1242	0.50 U
107P	11097-69-1	PCB-1254	1.0 U
108P	11104-28-2	PCB-1221	1.0 U
109P	11141-16-5	PCB-1232	1.0 U
110P	12672-29-6	PCB-1248	1.0 U
111P	11096-82-5	PCB-1260	2.0 U
112P	12674-11-2	PCB-1016	0.50 U
113P	8001-35-2	toxaphene	10 U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: _____ / _____

SAMPLE NO: J 3444 TRANSPORT BLANK 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4262

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/33
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/10/84
DATE ANALYZED: 4/26/34
CONC. FACTOR: 1L/2ml

6/7/84

PP#	CAS		ug/L	PP#	CAS #		ug/L
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	52B	87-68-3	hexachlorobutadiene	1.0 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	53B	77-47-4	hexachlorocyclopentadiene	1.0 U
24A	95-57-8	2-chlorophenol	1.0 U	54B	78-59-1	isophorone	1.0 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	55B	91-28-5	naphthalene	1.0 U
34A	105-67-9	2,4-dimethylphenol	1.0 U	56B	98-95-3	nitrobenzene	1.0 U
57A	88-75-5	2-nitrophenol	1.0 U	51B	62-75-9	N-nitrosodimethylamine	2.0 U
58A	100-02-7	4-nitrophenol	1.0 U	62B	86-30-6	N-nitrosodiphenylamine	1.0 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	63B	621-64-7	N-nitrosodipropylamine	1.0 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	63B	117-81-7	bis(2-ethylhexyl)phthalate	1.0 U
64A	87-86-5	pentachlorophenol	1.0 U	67B	85-68-7	benzyl butyl phthalate	1.0 U
65A	108-95-2	phenol	1.0 U	68B	84-74-2	di-n-butyl phthalate	1.0 U
CL1	65-85-0	benzoic acid	1.0 U	69B	117-84-0	di-n-octyl phthalate	1.0 U
CL2	95-48-7	2-methylphenol	1.0 U	70B	84-66-2	diethyl phthalate	1.0 U
CL3	108-39-4	4-methylphenol	1.0 U	71B	131-11-3	dimethyl phthalate	1.0 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	72B	56-55-3	benzo(a)anthracene	0.1 U
1B	83-32-9	acenaphthene	0.1 U	73B	50-32-8	benzo(a)pyrene	0.1 U
5B	92-87-5	benzidine	1.0 U	74B	205-99-2	benzo(b)fluoranthene	0.1 U
8B	120-82-1	1,2,4-trichlorobenzene	1.0 U	75B	207-08-9	benzo(k)fluoranthene	0.1 U
9B	118-74-1	hexachlorobenzene	1.0 U	76B	218-01-9	chrysene	0.1 U
12B	67-72-1	hexachloroethane	1.0 U	77B	208-96-8	acenaphthylene	0.1 U
18B	111-44-4	bis(2-chloroethyl)ether	1.0 U	78B	120-12-7	anthracene	0.1 U
20B	91-58-7	2-chloronaphthalene	1.0 U	79B	191-24-2	benzo(ghi)perylene	0.1 U
25B	95-50-1	1,2-dichlorobenzene	1.0 U	80B	86-73-7	fluorene	0.1 U
26B	541-73-1	1,3-dichlorobenzene	1.0 U	81B	85-01-8	phenanthrene	0.1 U
27B	106-46-7	1,4-dichlorobenzene	1.0 U	82B	53-70-3	dibenzo(a,h)anthracene	0.1 U
28B	91-94-1	3,3'-dichlorobenzidine	1.0 U	83B	193-39-5	indeno(1,2,3-cd)pyrene	0.1 U
35B	121-14-2	2,4-dinitrotoluene	1.0 U	84B	129-00-0	pyrene	0.1 U
36B	606-20-2	2,6-dinitrotoluene	1.0 U	CL5	62-53-3	aniline	1.0 U
37B	122-66-7	1,2-diphenylhydrazine	1.0 U	CL6	100-51-6	benzyl alcohol	1.0 U
39B	206-44-0	fluoranthene	0.1 U	CL7	106-47-8	4-chloroaniline	1.0 U
40B	7005-72-3	4-chlorophenyl phenyl ether	1.0 U	CL8	132-64-9	dibenzofuran	0.1 U
41B	101-55-3	4-bromophenyl phenyl ether	1.0 U	CL9	91-57-6	2-methylnaphthalene	1.0 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	1.0 U	CL10	88-74-4	2-nitroaniline	1.0 U
43B	111-91-1	bis(2-chloroethoxy) methane	1.0 U	CL11	99-09-2	3-nitroaniline	1.0 U
				CL12	100-01-6	4-nitroaniline	1.0 U

ASN COMPOUNDS - FS

FOR DATA REPORTING QUALIFIERS SEE COVER LETTER

IRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
818, Alexandria, Virginia 22313 703/557-2490

REP/RELEASE BY: Ky / MOM

SAMPLE NO: J 3442 WATER FRACTION WELL B 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4261

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/84
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE ANALYZED: 4/13/84

PP#	CAS #		ug/L
2V	107-02-8	acrolein	10 U
3V	107-13-1	acrylonitrile	10 U
4V	71-43-2	benzene	5500
6V	56-23-5	carbon tetrachloride	1 U
7V	108-90-7	chlorobenzene	1 U
10V	107-06-2	1,2-dichloroethane	1 U
11V	71-55-6	1,1,1-trichloroethane	1 U
13V	75-34-3	1,1-dichloroethane	1 U
14V	79-00-5	1,1,2-trichloroethane	1 U
15V	79-34-5	1,1,2,2-tetrachloroethane	1 U
16V	75-00-3	chloroethane	1 U
19V	110-75-8	2-chloroethylvinyl ether	10 U
23V	67-66-3	chloroform	1 U
29V	75-35-4	1,1-dichloroethene	1 U
30V	156-60-5	trans-1,2-dichloroethene	1 U
32V	78-87-5	1,2-dichloropropane	1 U
33V	10061-02-6	trans-1,3-dichloropropene	1 U
	10061-01-5	cis-1,3-dichloropropene	1 U
38V	100-41-4	ethylbenzene	850
44V	75-09-2	methylene chloride	1 U
45V	74-87-3	chloromethane	1 U
46V	74-83-9	bromomethane	1 U
47V	75-25-2	bromoform	1 U
48V	75-27-4	bromodichloromethane	1 U
49V	75-69-4	fluorotrichloromethane	1 U
50V	75-71-8	dichlorodifluoromethane	1 U
51V	124-48-1	chlorodibromomethane	1 U
85V	127-18-4	tetrachloroethene	1 U
86V	108-88-3	toluene	5900
87V	79-01-6	trichloroethene	1 U
88V	75-01-4	vinyl chloride	1 U
CL13	67-64-1	acetone	600
CL14	78-93-3	2-butanone	5 U
CL15	75-15-0	carbondisulfide	1 U
CL16	519-78-6	2-hexanone	5 U
CL17	108-10-1	4-methyl-2-pentanone	5 U
CL18	100-42-5	styrene	1 U
CL19	108-05-4	vinyl acetate	5 U
CL20	95-47-6	total xylenes	8600

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/07/84
CONC FACTOR: 500 ml/5ml

6/7/84

PP#	CAS #		ug/L
89P	309-00-2	aldrin	0.05 U
90P	60-57-1	dieldrin	0.05 U
91P	57-74-9	chlordane	0.50 U
92P	50-29-3	4,4'-DDT	0.10 U
93P	72-55-9	4,4'-DDE	0.05 U
94P	72-54-8	4,4'-DDD	0.10 U
95P	115-29-7	a-endosulfan	0.05 U
96P	115-29-7	b-endosulfan	0.05 U
97P	1031-07-8	endosulfan sulfate	0.10 U
98P	72-20-8	endrin	0.05 U
99P	7421-93-4	endrin aldehyde	0.10 U
100P	76-44-8	heptachlor	0.05 U
101P	1024-57-3	heptachlor epoxide	0.05 U
102P	319-84-6	a-BHC	0.05 U
103P	319-85-7	b-BHC	0.05 U
104P	319-86-8	d-BHC	0.05 U
105P	58-89-9	g-BHC (lindane)	0.05 U
106P	53469-21-9	PCB-1242	0.50 U
107P	11097-69-1	PCB-1254	1.0 U
108P	11104-28-2	PCB-1221	1.0 U
109P	11141-16-5	PCB-1232	1.0 U
110P	12672-29-6	PCB-1248	1.0 U
111P	11096-82-5	PCB-1260	2.0 U
112P	12674-11-2	PCB-1016	0.50 U
113P	8001-35-2	toxaphene	10 U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: _____ / _____

SAMPLE NO: J 3442 WATER FRACTION WELL B 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4261

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/33
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/10/84
DATE ANALYZED: 4/23/84
CONC. FACTOR: 1L/20ml

6/7/84

PP#	CAS #			ug/L	PP#	CAS #			ug/L
21A	88-06-2	2,4,6-trichlorophenol	10	U	52B	87-68-3	hexachlorobutadiene	10	U
22A	59-50-7	p-chloro-m-cresol	10	U	53B	77-47-4	hexachlorocyclopentadiene	10	U
24A	95-57-8	2-chlorophenol	10	U	54B	78-59-1	isophorone	10	U
31A	120-83-2	2,4-dichlorophenol	10	U	55B	91-28-5	naphthalene	640	
34A	105-67-9	2,4-dimethylphenol	280		56B	98-95-3	nitrobenzene	10	U
57A	88-75-5	2-nitrophenol	10	U	61B	62-75-9	N-nitrosodimethylamine	20	U
58A	100-02-7	4-nitrophenol	10	U	62B	86-30-6	N-nitrosodiphenylamine	10	U
59A	51-28-5	2,4-dinitrophenol	10	U	63B	621-64-7	N-nitrosodipropylamine	10	U
60A	534-52-1	4,6-dinitro-o-cresol	10	U	66B	117-81-7	bis(2-ethylhexyl)phthalate	10	U
64A	87-86-5	pentachlorophenol	10	U	67B	85-68-7	benzyl butyl phthalate	10	U
65A	108-95-2	phenol	92		68B	84-74-2	di-n-butyl phthalate	10	U
CL1	65-85-0	benzoic acid	10	U	69B	117-84-0	di-n-octyl phthalate	10	U
CL2	95-48-7	2-methylphenol	52		70B	84-66-2	diethyl phthalate	10	U
CL3	108-39-4	4-methylphenol	72		71B	131-11-3	dimethyl phthalate	10	U
CL4	95-95-4	2,4,5-trichlorophenol	10	U	72B	56-55-3	benzo(a)anthracene	1.0	U
1B	83-32-9	acenaphthene	1.0	U	73B	50-32-8	benzo(a)pyrene	1.0	U
5B	92-87-5	benzidine	10	U	74B	205-99-2	benzo(b)fluoranthene	1.0	U
8B	120-82-1	1,2,4-trichlorobenzene	10	U	75B	207-08-9	benzo(k)fluoranthene	1.0	U
9B	118-74-1	hexachlorobenzene	10	U	76B	218-01-9	chrysene	1.0	U
10B	67-72-1	hexachloroethane	10	U	77B	208-96-8	acenaphthylene	1.0	U
11B	111-44-4	bis(2-chloroethyl)ether	10	U	78B	120-12-7	anthracene	1.0	U
20B	91-58-7	2-chloronaphthalene	10	U	79B	191-24-2	benzo(ghi)perylene	1.0	U
25B	95-50-1	1,2-dichlorobenzene	10	U	80B	86-73-7	fluorene	1.0	U
26B	541-73-1	1,3-dichlorobenzene	10	U	81B	85-01-8	phenanthrene	24	
27B	106-46-7	1,4-dichlorobenzene	10	U	82B	53-70-3	dibenzo(a,h)anthracene	1.0	U
28B	91-94-1	3,3'-dichlorobenzidine	10	U	83B	193-39-5	indeno(1,2,3-cd)pyrene	1.0	U
35B	121-14-2	2,4-dinitrotoluene	10	U	84B	129-00-0	pyrene	1.0	U
36B	606-20-2	2,6-dinitrotoluene	10	U	CL5	62-53-3	aniline	10	U
37B	122-66-7	1,2-diphenylhydrazine	10	U	CL6	100-51-6	benzyl alcohol	10	U
39B	206-44-0	fluoranthene	1.0	U	CL7	106-47-8	4-chloroaniline	10	U
40B	7005-72-3	4-chlorophenyl phenyl ether	10	U	CL8	132-64-9	dibenzofuran	1.0	U
41B	101-55-3	4-bromophenyl phenyl ether	10	U	CL9	91-57-6	2-methylnaphthalene	260	
42B	39638-32-9	bis(2-chloroisopropyl) ether	10	U	CL10	88-74-4	2-nitroaniline	10	U
43B	111-91-1	bis(2-chloroethoxy) methane	10	U	CL11	99-09-2	3-nitroaniline	10	U
					CL12	100-01-6	4-nitroaniline	10	U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Ky / [illegible]

SAMPLE NO: J 3440 WATER FRACTION WELL A 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4260

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/84
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

COVER LETTER IS AN INTEGRAL PART OF THIS REPORT - PLEASE READ

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE ANALYZED: 4/13/84

PP#	CAS #		ug/L
2V	107-02-8	acrolein	10 U
3V	107-13-1	acrylonitrile	10 U
4V	71-43-2	benzene	27000
6V	56-23-5	carbon tetrachloride	1 U
7V	108-90-7	chlorobenzene	1 U
10V	107-06-2	1,2-dichloroethane	1 U
11V	71-55-6	1,1,1-trichloroethane	1 U
13V	75-34-3	1,1-dichloroethane	1 U
14V	79-00-5	1,1,2-trichloroethane	1 U
15V	79-34-5	1,1,2,2-tetrachloroethane	1 U
16V	75-00-3	chloroethane	1 U
19V	110-75-8	2-chloroethylvinyl ether	10 U
23V	67-66-3	chloroform	1 U
29V	75-35-4	1,1-dichloroethene	1 U
30V	156-60-5	trans-1,2-dichloroethene	1 U
32V	78-87-5	1,2-dichloropropane	1 U
33V	10061-02-6	trans-1,3-dichloropropene	1 U
	10061-01-5	cis-1,3-dichloropropene	1 U
38V	100-41-4	ethylbenzene	5300
44V	75-09-2	methylene chloride	1 U
45V	74-87-3	chloromethane	1 U
46V	74-83-9	bromomethane	1 U
47V	75-25-2	bromoform	1 U
48V	75-27-4	bromodichloromethane	1 U
49V	75-69-4	fluorotrichloromethane	1 U
50V	75-71-8	dichlorodifluoromethane	1 U
51V	124-48-1	chlorodibromomethane	1 U
85V	127-18-4	tetrachloroethene	1 U
86V	108-88-3	toluene	30000
87V	79-01-6	trichloroethene	1 U
98V	75-01-4	vinyl chloride	1 U
CL13	67-64-1	acetone	5 U
CL14	78-93-3	2-butanone	5 U
CL15	75-15-0	carbondisulfide	1 U
CL16	519-78-6	2-hexanone	5 U
CL17	108-10-1	4-methyl-2-pentanone	5 U
CL18	100-42-5	styrene	1 U
CL19	108-05-4	vinyl acetate	5 U
CL20	95-47-6	total xylenes	22000

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/09/84
DATE ANALYZED: 5/04/84
CONC FACTOR: 500ml/5mL

(JS) 6/7/84

PP#	CAS #		ug/L
89P	309-00-2	aldrin	0.05 U
90P	60-57-1	dieldrin	0.05 U
91P	57-74-9	chlordane	0.50 U
92P	50-29-3	4,4'-DDT	0.10 U
93P	72-55-9	4,4'-DDE	0.05 U
94P	72-54-8	4,4'-DDD	0.10 U
95P	115-29-7	a-endosulfan	0.05 U
96P	115-29-7	b-endosulfan	0.05 U
97P	1031-07-8	endosulfan sulfate	0.10 U
98P	72-20-8	endrin	0.05 U
99P	7421-93-4	endrin aldehyde	0.10 U
100P	76-44-8	heptachlor	0.05 U
101P	1024-57-3	heptachlor epoxide	0.05 U
102P	319-84-6	a-BHC	0.05 U
103P	319-85-7	b-BHC	0.05 U
104P	319-86-8	d-BHC	0.05 U
105P	58-89-9	g-BHC (lindane)	0.05 U
106P	53469-21-9	PCB-1242	0.50 U
107P	11097-69-1	PCB-1254	1.0 U
108P	11104-28-2	PCB-1221	1.0 U
109P	11141-16-5	PCB-1232	1.0 U
110P	12672-29-6	PCB-1248	1.0 U
111P	11096-82-5	PCB-1260	2.0 U
112P	12674-11-2	PCB-1016	0.50 U
113P	8001-35-2	toxaphene	10 U

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Key / MGH

SAMPLE NO: J 3440 ~~BFF~~ WATER FRACTION / WELL A 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO: S4260

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/83
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

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SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/10/84
DATE ANALYZED: 4/23/84
CONC. FACTOR: 500ml/10ml Acid 500ml/80ml Base

6/7/84

PP#	CAS #		ug/L		PP#	CAS #		ug/L	
21A	88-06-2	2,4,6-trichlorophenol	10	U	52B	87-68-3	hexachlorobutadiene	80	U
22A	59-50-7	p-chloro-m-cresol	10	U	53B	77-47-4	hexachlorocyclopentadiene	80	U
24A	95-57-8	2-chlorophenol	10	U	54B	78-59-1	isophorone	80	U
31A	120-83-2	2,4-dichlorophenol	10	U	55B	91-28-5	naphthalene	5600	
34A	105-67-9	2,4-dimethylphenol	28	M	56B	98-95-3	nitrobenzene	80	U
57A	88-75-5	2-nitrophenol	10	U	61B	62-75-9	N-nitrosodimethylamine	160	U
58A	100-02-7	4-nitrophenol	10	U	62B	86-30-6	N-nitrosodiphenylamine	80	U
59A	51-28-5	2,4-dinitrophenol	10	U	63B	621-64-7	N-nitrosodipropylamine	80	U
60A	534-52-1	4,6-dinitro-o-cresol	10	U	66B	117-81-7	bis(2-ethylhexyl)phthalate	80	U
64A	87-86-5	pentachlorophenol	10	U	67B	85-68-7	benzyl butyl phthalate	80	U
65A	108-95-2	phenol	340		68B	84-74-2	di-n-butyl phthalate	80	U
CL1	65-85-0	benzoic acid	10	U	69B	117-84-0	di-n-octyl phthalate	80	U
CL2	95-48-7	2 methylphenol	170		70B	84-66-2	diethyl phthalate	80	U
CL3	108-39-4	4-methylphenol	280		71B	131-11-3	dimethyl phthalate	80	U
CL4	95-95-4	2,4,5-trichlorophenol	10	U	72B	56-55-3	benzo(a)anthracene	5.0	U
1B	83-32-9	acenaphthene	5.0	U	73B	50-32-8	benzo(a)pyrene	5.0	U
5B	92-87-5	benzidine	80	U	74B	205-99-2	benzo(b)fluoranthene	5.0	U
8B	120-82-1	1,2,4-trichlorobenzene	80	U	75B	207-08-9	benzo(k)fluoranthene	5.0	U
9B	118-74-1	hexachlorobenzene	80	U	76B	218-01-9	chrysene	5.0	U
12B	67-72-1	hexachloroethane	80	U	77B	208-96-8	acenaphthylene	5.0	U
18B	111-44-4	bis(2-chloroethyl)ether	80	U	78B	120-12-7	anthracene	5.0	U
20B	91-58-7	2-chloronaphthalene	80	U	79B	191-24-2	benzo(ghi)perylene	5.0	U
25B	95-50-1	1,2-dichlorobenzene	80	U	80B	86-73-7	fluorene	5.0	U
26B	541-73-1	1,3-dichlorobenzene	80	U	81B	85-01-8	phenanthrene	150	
27B	106-46-7	1,4-dichlorobenzene	80	U	82B	53-70-3	dibenzo(a,h)anthracene	5.0	U
28B	91-94-1	3,3'-dichlorobenzidine	80	U	83B	193-39-5	indeno(1,2,3-cd)pyrene	5.0	U
35B	121-14-2	2,4-dinitrotoluene	80	U	84B	129-00-0	pyrene	5.0	U
36B	606-20-2	2,6-dinitrotoluene	80	U	CL5	62-53-3	aniline	80	U
37B	122-66-7	1,2-diphenylhydrazine	80	U	CL6	100-51-6	benzyl alcohol	80	U
39B	206-44-0	fluoranthene	5.0	U	CL7	106-47-8	4-chloroaniline	80	U
40B	7005-72-3	4-chlorophenyl phenyl ether	80	U	CL8	132-64-9	dibenzofuran	5.0	U
41B	101-55-3	4-bromophenyl phenyl ether	80	U	CL9	91-57-6	2-methylnaphthalene	2100	
42B	39638-32-9	bis(2-chloroisopropyl) ether	80	U	CL10	88-74-4	2-nitroaniline	80	U
43B	111-91-1	bis(2-chloroethoxy) methane	80	U	CL11	99-09-2	3-nitroaniline	80	U
					CL12	100-01-6	4-nitroaniline	80	U

ABN COMPOUNDS - FS

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DATA IS HELD FOR A MINIMUM OF 90 DAYS THEN SENT TO NEIC FOR EVIDENCE AUDITING

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: Ky / MGM

SAMPLE NO: J 3439 OIL FRACTION WELL A 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.
LAB SAMPLE NO: S4259

CASE NO: 2622/730J
QC REPORT NO: RED 730J-5
CONTRACT NO: 68-01-6763

DATE SAMPLE REC'D: 4/07/84
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

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VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one) EL
DATE ANALYZED: 4/14/84

JP 6/7/84

PP#	CAS #		ug/mL
2V	107-02-8	acrolein	2500 U
3V	107-13-1	acrylonitrile	2500 U
4V	71-43-2	benzene	16000
6V	56-23-5	carbon tetrachloride	250 U
7V	108-90-7	chlorobenzene	250 U
10V	107-06-2	1,2-dichloroethane	250 U
11V	71-55-6	1,1,1-trichloroethane	250 U
13V	75-34-3	1,1-dichloroethane	250 U
14V	79-00-5	1,1,2-trichloroethane	250 U
15V	79-34-5	1,1,2,2-tetrachloroethane	250 U
16V	75-00-3	chloroethane	250 U
19V	110-75-8	2-chloroethylvinyl ether	2500 U
23V	67-66-3	chloroform	250 U
29V	75-35-4	1,1-dichloroethene	250 U
30V	156-60-5	trans-1,2-dichloroethene	250 U
32V	78-87-5	1,2-dichloropropane	250 U
33V	10061-02-6	trans-1,3-dichloropropene	250 U
	10061-01-5	cis-1,3-dichloropropene	250 U
38V	100-41-4	ethylbenzene	22000
44V	75-09-2	methylene chloride	250 U
45V	74-87-3	chloromethane	250 U
46V	74-83-9	bromomethane	250 U
47V	75-25-2	bromoform	250 U
48V	75-27-4	bromodichloromethane	250 U
49V	75-69-4	fluorotrichloromethane	250 U
50V	75-71-8	dichlorodifluoromethane	250 U
51V	124-48-1	chlorodibromomethane	250 U
85V	127-18-4	tetrachloroethene	250 U
86V	108-88-3	toluene	50000
87V	79-01-6	trichloroethene	250 U
88V	75-01-4	vinyl chloride	250 U
CL13	67-64-1	acetone	1300 U
CL14	78-93-3	2-butanone	1300 U
CL15	75-15-0	carbondisulfide	250 U
CL16	519-78-6	2-hexanone	3000
CL17	108-10-1	4-methyl-2-pentanone	3000
CL18	100-42-5	styrene	250 U
CL19	108-05-4	vinyl acetate	1300 U
CL20	95-47-6	total xylenes	65000

#2

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. BOX 818, Alexandria, Virginia 22313 - 703/557-2490

DATA PREP/RELEASE BY: / / MM

SAMPLE NO:J 3439 OIL FRACTION WELL A 4/06/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.
LAB SAMPLE NO:S4259

CASE NO:2622/730J
QC REPORT NO:RED 730J-5
CONTRACT NO:68-01-6763

DATE SAMPLE REC'D: 4/07/83
SAMPLE MATRIX: WATER
PERCENT MOISTURE:

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oil

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 4/10/84
DATE ANALYZED: 4/25/84
CONC. FACTOR: 1ml/100ml

6/7/84

PP#	CAS #		ug/g		PP#	CAS #		ug/g	
21A	88-06-2	2,4,6-trichlorophenol	NA		52B	87-68-3	hexachlorobutadiene	NA	
22A	59-50-7	p-chloro-m-cresol	NA		53B	77-47-4	hexachlorocyclopentadiene	NA	
24A	95-57-8	2-chlorophenol	NA		54B	78-59-1	isophorone	NA	
31A	120-83-2	2,4-dichlorophenol	NA		55B	91-28-5	naphthalene	3500	
34A	105-67-9	2,4-dimethylphenol	NA		56B	98-95-3	nitrobenzene	NA	
57A	88-75-5	2-nitrophenol	NA		61B	62-75-9	N-nitrosodimethylamine	NA	
58A	100-02-7	4-nitrophenol	NA		62B	86-30-6	N-nitrosodiphenylamine	NA	
59A	51-28-5	2,4-dinitrophenol	NA		63B	621-64-7	N-nitrosodipropylamine	NA	
60A	534-52-1	4,6-dinitro-o-cresol	NA		66B	117-81-7	bis(2-ethylhexyl)phthalate	NA	
64A	87-86-5	pentachlorophenol	NA		67B	85-68-7	benzyl butyl phthalate	NA	
65A	108-95-2	phenol	NA		68B	84-74-2	di-n-butyl phthalate	NA	
CL1	65-85-0	benzoic acid	NA		69B	117-84-0	di-n-octyl phthalate	NA	
CL2	95-48-7	2-methylphenol	NA		70B	84-66-2	diethyl phthalate	NA	
CL3	108-39-4	4-methylphenol	NA		71B	131-11-3	dimethyl phthalate	NA	
CL4	95-95-4	2,4,5-trichlorophenol	NA		72B	56-55-3	benzo(a)anthracene	200	U
1B	83-32-9	acenaphthene	200	U	73B	50-32-8	benzo(a)pyrene	200	U
5B	92-87-5	benzidine	NA		74B	205-99-2	benzo(b)fluoranthene	200	U
8B	120-82-1	1,2,4-trichlorobenzene	NA		75B	207-08-9	benzo(k)fluoranthene	200	U
9B	118-74-1	hexachlorobenzene	NA		76B	218-01-9	chrysene	200	U
12B	67-72-1	hexachloroethane	NA		77B	208-96-8	acenaphthylene	200	U
18B	111-44-4	bis(2-chloroethyl)ether	NA		78B	120-12-7	anthracene	200	U
20B	91-58-7	2-chloronaphthalene	NA		79B	191-24-2	benzo(ghi)perylene	200	U
25B	95-50-1	1,2-dichlorobenzene	NA		80B	86-73-7	fluorene	200	U
26B	541-73-1	1,3-dichlorobenzene	NA		81B	85-01-8	phenanthrene	200	K
27B	106-46-7	1,4-dichlorobenzene	NA		82B	53-70-3	dibenzo(a,h)anthracene	200	U
28B	91-94-1	3,3'-dichlorobenzidine	NA		83B	193-39-5	indeno(1,2,3-cd)pyrene	200	U
35B	121-14-2	2,4-dinitrotoluene	NA		84B	129-00-0	pyrene	200	U
36B	606-20-2	2,6-dinitrotoluene	NA		CL5	62-53-3	aniline	NA	
37B	122-66-7	1,2-diphenylhydrazine	NA		CL6	100-51-6	benzyl alcohol	NA	
39B	206-44-0	fluoranthene	200	U	CL7	106-47-8	4-chloroaniline	NA	
40B	7005-72-3	4-chlorophenyl phenyl ether	NA		CL8	132-64-9	dibenzofuran	200	U
41B	101-55-3	4-bromophenyl phenyl ether	NA		CL9	91-57-6	2-methylnaphthalene	2700	
42B	39638-32-9	bis(2-chloroisopropyl) ether	NA		CL10	88-74-4	2-nitroaniline	NA	
43B	111-91-1	bis(2-chloroethoxy) methane	NA		CL11	99-09-2	3-nitroaniline	NA	
					CL12	100-01-6	4-nitroaniline	NA	