

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 Haebeler  
U.S. EPA  
Hazardous Waste Investigation  
401 M Street, SW  
Washington, DC 20460

Dear Dr. Haebeler:

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.

<u>CAL I.D.</u>	<u>Sample I.D.</u>
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

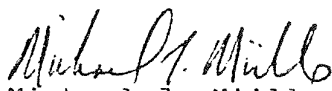
Dr. Fred Haebeler  
May 21, 1984  
Page 2

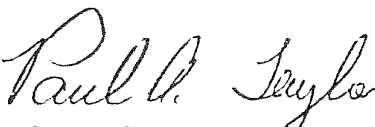
The QA/QC data does contain results outside the EPA windows, but in each case the surrogates or matrix spike compounds were spiked below their detection limit because of the necessary dilutions.

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: Key / MMH

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

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)  
DATE EXTRACTED/PREPARED: 4/09/84  
DATE ANALYZED: 5/1/84  
CONC FACTOR: 4.29/106

OK

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
3V	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
5V	75-00-3	chloroethane 0.005 U
3V	110-75-8	2-chloroethylvinyl ether 0.050 U
3V	67-66-3	chloroform 0.005 U
5V	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
5V	74-83-9	bromomethane 0.005 U
7V	75-25-2	bromoform 0.005 U
3V	75-27-4	bromodichloromethane 0.005 U
3V	75-69-4	fluorotrichloromethane 0.005 U
3V	75-71-8	dichlorodifluoromethane 0.005 U
7V	124-48-1	chlorodibromomethane 0.005 U
5V	127-18-4	tetrachloroethene 0.037
5V	108-88-3	toluene 0.005 U
7V	79-01-6	trichloroethene 0.005 U
3V	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	carbonylsulfide 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

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 <del>0.04</del> K**
112P	12674-11-2	PCB-1016 1.0 U
113P	8001-35-2	toxaphene 2.5 U

DIOXINS

CONC FACTOR: 4.29/10.5ml  
DATE EXTRACTED/PREPARED: 4/09/84  
DATE ANALYZED: 5/1/84

OK

PP#	CAS #	ug/g
1298	1746-01-6	2,3,7,8-tetrachloro-dibenzo-p-dioxin 0.002 U

DIOXINS-FS  
RESULTS REPOETED 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, NCH

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: 63-01-6733

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/100ml

PP#	CAS #	ug/g	PP#	CAS #	ug/g	
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	528	87-68-3 hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	538	77-47-4 hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	548	78-59-1 isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	553	91-28-5 naphthalene	0.43 M
34A	105-67-9	2,4-dimethylphenol	1.0 U	558	98-95-3 nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	613	62-75-9 N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	628	86-30-6 N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	639	621-64-7 N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	668	117-81-7 bis(2-ethylhexyl)phthalate	2.5
64A	87-86-5	pentachlorophenol	1.0 U	678	85-68-7 benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	688	84-74-2 di-n-butyl phthalate	0.54 M
CL1	65-85-0	benzoic acid	1.0 U	699	117-84-0 di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	702	84-66-2 diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	718	131-11-3 dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	722	56-55-3 benzo(a)anthracene	1.0
15	83-32-9	acenaphthene	0.2 U	738	50-32-8 benzo(a)pyrene	1.6
55	92-87-5	benzidine	0.2 U	748	205-99-2 benzo(b)fluoranthene	0.82 M
85	120-82-1	1,2,4-trichlorobenzene	0.2 U	758	207-08-9 benzo(k)fluoranthene	0.82 M
98	118-74-1	hexachlorobenzene	0.2 U	768	218-01-9 chrysene	0.91 M
125	87-72-1	hexachloroethane	0.2 U	778	208-96-8 acenaphthylene	0.20 M
182	111-44-4	bis(2-chloroethyl)ether	0.2 U	788	120-12-7 anthracene	0.39 M
203	91-58-7	2-chloronaphthalene	0.2 U	798	191-24-2 benzo(g,h,i)perylene	0.33 M
255	95-50-1	1,2-dichlorobenzene	0.2 U	808	86-73-7 fluorene	0.2 U
263	541-73-1	1,3-dichlorobenzene	0.2 U	818	85-01-8 phenanthrene	0.67 M
273	106-46-7	1,4-dichlorobenzene	0.2 U	828	53-70-3 dibenzo(a,h)anthracene	0.2 U
283	91-94-1	3,3'-dichlorobenzidine	0.2 U	838	193-39-5 indeno(1,2,3-cd)pyrene	0.63 M
353	121-14-2	2,4-dinitrotoluene	0.2 U	848	129-00-0 pyrene	1.3
363	606-20-2	2,6-dinitrotoluene	0.2 U	CL5	62-53-3 aniline	0.2 U
373	122-66-7	1,2-diphenylhydrazine	0.2 U	CL6	100-51-6 benzyl alcohol	0.2 U
383	206-44-0	fluoranthene	0.99 M	CL7	106-47-8 4-chloroaniline	0.2 U
403	7005-72-3	4-chlorophenyl phenyl ether	0.2 U	CL8	132-64-9 dibenzofuran	0.2 U
413	101-55-3	4-bromophenyl phenyl ether	0.2 U	CL9	91-57-6 2-methylnaphthalene	0.2 U
423	39638-32-9	bis(2-chloroisopropyl) ether	0.2 U	CL10	88-74-4 2-nitroaniline	0.2 U
433	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

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

DATA PREP/RELEASE BY: ky / MPA

SAMPLE NO: J 3452 SEDIMENT CW-56  
 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

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)  
 DATE EXTRACTED/PREPARED: 4/09/84  
 DATE ANALYZED: 5/3/84  
 CONC FACTOR: 4.25/ml

OK

PS 6/7/84

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
5V	56-23-5	carbon tetrachloride 0.005 U
7V	108-90-7	chlorobenzene 0.005 U
3V	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
2V	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
3V	75-69-4	fluorotrichloromethane 0.005 U
2V	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	carbonyldisulfide 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

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
95P	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-1294 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: 4.25 / 110.5 ml  
 DATE EXTRACTED/PREPARED: 4/09/84  
 DATE ANALYZED: 5/11/84

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

DATA PREP/RELEASE BY: *[Signature]*

SAMPLE NO: J 3452 SEDIMENT CW-56  
 4/04/84

ORGANICS ANALYSIS DATA SHEET

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

CASE NO: 2622/73JJ  
 QC REPORT NO: RED 730J-5  
 CONTRACT NO: 66-01-6763

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

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

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

PP#	CAS #	ug/g	PP#	CAS #	ug/g	
21A	88-06-2	2,4,6-trichlorophenol	52B	87-68-3	hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	53B	77-47-4	hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	54B	78-59-1	isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	55B	91-28-5	naphthalene	0.44 M
34A	105-67-9	2,4-dimethylphenol	56B	98-95-3	nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	61B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	62B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	63B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	66B	117-81-7	bis(2-ethylhexyl)phthalate	2.6
64A	87-86-5	pentachlorophenol	67B	85-68-7	benzyl butyl phthalate	0.2 U
65A	103-95-2	phenol	63B	84-74-2	di-n-butyl phthalate	2.1
CL1	65-85-0	benzoic acid	69B	117-84-0	di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	70B	84-66-2	diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	71B	131-11-3	dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	72B	56-55-3	benzo(a)anthracene	1.5
1B	83-32-9	acenaphthene	73B	50-32-8	benzo(a)pyrene	2.3
5B	92-87-5	benzidine	74B	205-99-2	benzo(b)fluoranthene	0.83 M
6B	120-82-1	1,2,4-trichlorobenzene	75B	207-08-9	benzo(k)fluoranthene	0.88 M
9B	118-74-1	hexachlorobenzene	76B	218-01-9	chrysene	1.1
12B	67-72-1	hexachloroethane	77B	208-96-8	acenaphthylene	0.30 M
16B	111-44-4	bis(2-chloroethyl)ether	73B	120-12-7	anthracene	0.49 M
20B	91-58-7	2-chloronaphthalene	79B	191-24-2	benzo(g,h,i)perylene	0.63 M
25B	95-50-1	1,2-dichlorobenzene	80B	86-73-7	fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	31B	85-01-8	phenanthrene	0.63 M
27B	106-46-7	1,4-dichlorobenzene	32B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	33B	193-39-5	indeno(1,2,3-cd)pyrene	0.73 M
35B	121-14-2	2,4-dinitrotoluene	84B	129-00-0	pyrene	1.9
36B	606-20-2	2,6-dinitrotoluene	CL5	62-53-3	aniline	0.2 U
37B	122-66-7	1,2-diphenylhydrazine	CL6	100-51-6	benzyl alcohol	0.2 U
38B	206-44-0	fluoranthene	CL7	106-47-8	4-chloroaniline	0.2 U
40B	7005-72-3	4-chlorophenyl phenyl ether	CL8	132-64-9	dibenzofuran	0.2 U
41B	101-55-3	4-bromophenyl phenyl ether	CL9	91-57-6	2-methylnaphthalene	0.2 U
42B	39638-32-9	bis(2-chloroisopropyl) ether	CL10	88-74-4	2-nitroaniline	0.2 U
43B	111-91-1	bis(2-chloroethoxy) methane	CL11	99-09-2	3-nitroaniline	0.2 U
			CL12	100-01-6	4-nitroaniline	0.2 U

6/7/84

ABV COMPOUNDS - FS

RESULTS REPORTED IN DRY WEIGHT

FOR DATA REPORTING QUALITY: SEE COVER LETTER

01

DATA PREP/RELEASE BY: *Rig / MRM*

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

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc. CASE NO: 2622/730J DATE SAMPLE REC'D: 4/05/84  
LAB SAMPLE NO: 54253 QC REPORT NO: RED 730J-5 SAMPLE MATRIX: SOIL  
CONTRACT NO: 68-01-6763 PERCENT MOISTURE: 59%

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

VOLATILES

PESTICIDES

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

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

*OK*

*AS 6/7/84*

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	10051-02-6	trans-1,3-dichloropropene 0.005 U
	10051-01-5	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	75-09-4	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
85V	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	carbon disulfide 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

PP#	CAS #	ug/g
89P	309-00-2	aldrin 0.0025 U
90P	60-57-1	dieldrin 0.0050 U
91P	57-74-9	chlordan 0.025 U
92P	50-29-3	4,4'-DDT 0.0010 U
93P	72-55-9	4,4'-DDE 0.005 U
94P	72-54-0	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 <u>0.05M</u> <del>0.005**</del>
104P	319-86-8	d-BHC <u>0.005M</u> <del>0.005**</del>
105P	58-89-9	g-BHC (lindane) 0.0025 U
106P	53469-21-9	PCB-1242 0.10 U
107P	11097-69-1	PCB-1294 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 <b>M</b>
112P	12674-11-2	PCB-1016 0.10 U
113P	8001-35-2	toxaphene 0.25 U

DIOXINS

CONC FACTOR: 4.1g / 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: ELJ / MPM

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

ORGANICS ANALYSIS DATA SHEET

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

CASE NO: 2522/730J  
 QC REPORT NO: RED 730J 5  
 CONTRACT NO: 53-01-3733

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 / 1.1 ml

PP#	CAS #	ug/g	PP#	CAS #	ug/g
21A	88-06-2	2,4,6-trichlorophenol	528	87-68-3	hexachlorobutadiene
22A	59-50-7	p-chloro-m-cresol	538	77-47-4	hexachlorocyclopentadiene
24A	95-57-8	2-chlorophenol	548	78-59-1	isophorone
31A	120-83-2	2,4-dichlorophenol	558	91-28-5	naphthalene
34A	105-67-9	2,4-dimethylphenol	563	98-95-3	nitrobenzene
57A	88-75-5	2-nitrophenol	518	62-75-9	N-nitrosodimethylamine
58A	100-02-7	4-nitrophenol	528	86-30-6	N-nitrosodiphenylamine
59A	51-28-5	2,4-dinitrophenol	538	621-64-7	N-nitrosodipropylamine
63A	534-52-1	4,6-dinitro-o-cresol	668	117-81-7	bis(2-ethylhexyl)phthalate
64A	87-86-5	pentachlorophenol	578	85-68-7	benzyl butyl phthalate
65A	108-95-2	phenol	688	84-74-2	di-n-butyl phthalate
CL1	65-85-0	benzoic acid	598	117-84-0	di-n-octyl phthalate
CL2	95-48-7	2-methylphenol	708	84-66-2	diethyl phthalate
CL3	108-39-4	4-methylphenol	718	131-11-3	dimethyl phthalate
CL4	95-95-4	2,4,5-trichlorophenol	728	56-55-3	benzo(a)anthracene
1B	83-32-9	acenaphthene	738	50-32-8	benzo(a)pyrene
5B	92-87-5	benzidine	748	205-99-2	benzo(b)fluoranthene
6B	120-82-1	1,2,4-trichlorobenzene	758	207-08-9	benzo(k)fluoranthene
9B	118-74-1	hexachlorobenzene	768	218-01-9	chrysene
12B	67-72-1	hexachloroethane	778	208-96-8	acenaphthylene
18B	111-44-4	bis(2-chloroethyl)ether	788	120-12-7	anthracene
20B	91-58-7	2-chloronaphthalene	798	191-24-2	benzo(ghi)perylene
25B	95-50-1	1,2-dichlorobenzene	808	86-73-7	fluorene
25B	541-73-1	1,3-dichlorobenzene	818	85-01-8	phenanthrene
27B	106-46-7	1,4-dichlorobenzene	828	53-70-3	dibenz(a,h)anthracene
28B	91-94-1	3,3'-dichlorobenzidine	838	193-39-5	indeno(1,2,3-cd)pyrene
35B	121-14-2	2,4-dinitrotoluene	348	129-00-0	pyrene
35B	606-20-2	2,6-dinitrotoluene	CL5	62-53-3	aniline
37B	122-66-7	1,2-diphenylhydrazine	CL6	100-51-6	benzyl alcohol
39B	206-44-0	fluoranthene	CL7	106-47-8	4-chloroaniline
40B	7005-72-3	4-chlorophenyl phenyl ether	CL8	132-64-9	dibenzofuran
41B	101-55-3	4-bromophenyl phenyl ether	CL9	91-57-6	2-methylnaphthalene
42B	39638-32-9	bis(2-chloroisopropyl) ether	CL10	88-74-4	2-nitroaniline
43B	111-91-1	bis(2-chloroethoxy) methane	CL11	99-09-2	3-nitroaniline
			CL12	100-01-6	4-nitroaniline

6/7/84

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

DATA PREP/RELEASE BY: K. J. / M. J.

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

PESTICIDES

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

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
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
35V	100-41-4	ethylbenzene 0.005 U
36V	75-09-2	methylene chloride 0.29
38V	74-87-3	chloromethane 0.005 U
39V	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
57V	124-48-1	chlorodibromomethane 0.005 U
58V	127-18-4	tetrachloroethene 0.053
60V	108-88-3	toluene 0.005 U
70V	79-01-6	trichloroethene 0.005 U
80V	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	carbonylsulfide 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

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-1294 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/mv  
DATE EXTRACTED/PREPARED: 4/09/84  
DATE ANALYZED: 5/11/84

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 / 1/11/84

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

ORGANICS ANALYSIS DATA SHEET

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

CASE NO: 2622/73JJ  
QC REPORT NO: RED 730J-5  
CONTRACT NO: 55-01-67J3

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: 21.56 / 1.0 / 1.0

PP#	CAS #	ug/g	PP#	CAS #	ug/g
21A	88-06-2	2,4,6-trichlorophenol	52B	87-68-3	hexachlorobutadiene
22A	59-50-7	p-chloro-m-cresol	53B	77-47-4	hexachlorocyclopentadiene
24A	95-57-8	2-chlorophenol	54B	78-59-1	isophorone
31A	120-83-2	2,4-dichlorophenol	55B	91-28-5	naphthalene
34A	105-67-9	2,4-dimethylphenol	56B	98-95-3	nitrobenzene
57A	88-75-5	2-nitrophenol	61B	62-75-9	N-nitrosodimethylamine
58A	100-02-7	4-nitrophenol	62B	86-30-6	N-nitrosodiphenylamine
59A	51-28-5	2,4-dinitrophenol	63B	621-64-7	N-nitrosodipropylamine
60A	534-52-1	4,6-dinitro-o-cresol	66B	117-81-7	bis(2-ethylhexyl)phthalate
64A	87-86-5	pentachlorophenol	67B	85-68-7	benzyl butyl phthalate
65A	108-95-2	phenol	68B	84-74-2	di-n-butyl phthalate
CL1	65-85-0	benzoic acid	69B	117-84-0	di-n-octyl phthalate
CL2	95-48-7	2-methylphenol	70B	84-66-2	diethyl phthalate
CL3	108-39-4	4-methylphenol	71B	131-11-3	dimethyl phthalate
CL4	95-95-4	2,4,5-trichlorophenol	72B	56-55-3	benzo(a)anthracene
19	83-32-9	acenaphthene	73B	50-32-8	benzo(a)pyrene
56	92-87-5	benzidine	74B	205-99-2	benzo(b)fluoranthene
83	120-82-1	1,2,4-trichlorobenzene	75B	207-08-9	benzo(k)fluoranthene
93	118-74-1	hexachlorobenzene	76B	218-01-9	chrysene
12B	67-72-1	hexachloroethane	77B	208-96-8	acenaphthylene
18B	111-44-4	bis(2-chloroethyl)ether	78B	120-12-7	anthracene
20B	91-58-7	2-chloronaphthalene	79B	191-24-2	benzo(ghi)perylene
25B	95-50-1	1,2-dichlorobenzene	30B	86-73-7	fluorene
26B	541-73-1	1,3-dichlorobenzene	31B	85-01-8	phenanthrene
27B	106-46-7	1,4-dichlorobenzene	32B	53-70-3	dibenzo(a,h)anthracene
28B	91-94-1	3,3'-dichlorobenzidine	33B	193-39-5	indeno(1,2,3-cd)pyrene
35B	121-14-2	2,4-dinitrotoluene	34B	129-00-0	pyrene
36B	606-20-2	2,6-dinitrotoluene	CL5	62-53-3	aniline
37B	122-66-7	1,2-diphenylhydrazine	CL6	100-51-6	benzyl alcohol
39B	206-44-0	fluoranthene	CL7	106-47-8	4-chloroaniline
40B	7005-72-3	4-chlorophenyl phenyl ether	CL8	132-64-9	dibenzofuran
41B	101-55-3	4-bromophenyl phenyl ether	CL9	91-57-6	2-methylnaphthalene
42B	39638-32-9	bis(2-chloroisopropyl) ether	CL10	88-74-4	2-nitroaniline
43B	111-91-1	bis(2-chloroethoxy) methane	CL11	99-09-2	3-nitroaniline
			CL12	100-01-6	4-nitroaniline

ABA COMPOUNDS - FS

RESULTS REPORTED IN DRY WEIGHT

(1)

DATA PREP/RELEASE BY: Key / MRM

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 DATE SAMPLE REC'D: 4/05/84  
QC REPORT NO: RED 730J-5 SAMPLE MATRIX: SOIL  
CONTRACT NO: 68-01-6763 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

PESTICIDES

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

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 0.020 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	carbonylsulfide 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

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	chlordan 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-1294 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: 4.34 / 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 / NDM

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: 2522/730J  
 QC REPORT NO: R20 730J-5  
 CONTRACT NO: 53-01-5753

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: 4/13/84  
 CONC. FACTOR: 21.7g / 10 ml

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	0.41 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	51B	62-75-9	N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	52B	86-30-6	N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	53B	621-64-7	N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	54B	117-81-7	bis(2-ethylhexyl)phthalate	2.6
64A	87-86-5	pentachlorophenol	1.0 U	57B	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	31B	85-01-8	phenanthrene	0.65 M
27B	106-46-7	1,4-dichlorobenzene	0.2 U	32B	53-70-3	dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	33B	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-methylnaphtalene	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

JS 6/7/84

ASB 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: RLZ / MDM

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

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.  
LAB SAMPLE NO: 54250

CASE NO: 2622/730J DATE SAMPLE REC'D: 4/05/84  
QC REPORT NO: RED 730J-5 SAMPLE MATRIX: SOIL  
CONTRACT NO: 68-01-6763 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

PESTICIDES

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

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
85V	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	carbendisulfide 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

PP#	CAS #	ug/g
89P	309-00-2	aldrin 0.0025 U
90P	60-57-1	dieldrin 0.0050 U
91P	57-74-9	chlordan 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-1294 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/10.5ml  
DATE EXTRACTED/PREPARED: 4/09/84  
DATE ANALYZED: 5/6/84

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

DATA PREP/RELEASE BY: Key / [Signature]

SAMPLE NO: J 3443 SEDIMENT CW-2  
4/104/84

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.  
LAB SAMPLE NO: 54250

CASE NO: 2522/73JJ  
QC REPORT NO: RED 730J 5  
CONTRACT NO: 53-01-5753

DATE SAMPLE REC'D: 4/05/84  
SAMPLE MATRIX: SOIL  
PERCENT MOISTURE: 45%

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: 4/16/84  
CONC. FACTOR: 27.3g / 10 ml

PP#	CAS #	ug/g	PP#	CAS #	ug/g
21A	88-06-2	2,4,6-trichlorophenol	528	87-68-3	hexachlorobutadiene
22A	59-50-7	p-chloro-m-cresol	538	77-47-4	hexachlorocyclopentadiene
24A	95-57-8	2-chlorophenol	548	78-59-1	isophorone
31A	120-83-2	2,4-dichlorophenol	558	91-28-5	naphthalene
34A	105-67-9	2,4-dimethylphenol	568	98-95-3	nitrobenzene
57A	88-75-5	2-nitrophenol	518	62-75-9	N-nitrosodimethylamine
58A	100-02-7	4-nitrophenol	529	86-30-6	N-nitrosodiphenylamine
59A	51-28-5	2,4-dinitrophenol	538	621-64-7	N-nitrosodipropylamine
60A	534-52-1	4,6-dinitro-o-cresol	538	117-81-7	bis(2-ethylhexyl)phthalate
64A	87-86-5	pentachlorophenol	578	85-68-7	benzyl butyl phthalate
65A	108-95-2	phenol	588	84-74-2	di-n-butyl phthalate
CL1	65-85-0	benzoic acid	598	117-84-0	di-n-octyl phthalate
CL2	95-48-7	2-methylphenol	703	84-66-2	diethyl phthalate
CL3	108-39-4	4-methylphenol	718	131-11-3	dimethyl phthalate
CL4	95-95-4	2,4,5-trichlorophenol	728	56-55-3	benzo(a)anthracene
1B	83-32-9	acenaphthene	738	50-32-8	benzo(a)pyrene
5B	92-87-5	benzidine	748	205-99-2	benzo(b)fluoranthene
6B	120-82-1	1,2,4-trichlorobenzene	758	207-08-9	benzo(k)fluoranthene
9B	118-74-1	hexachlorobenzene	768	218-01-9	chrysene
12B	67-72-1	hexachloroethane	778	208-96-8	acenaphthylene
16B	111-44-4	bis(2-chloroethyl)ether	788	120-12-7	anthracene
20B	91-58-7	2-chloronaphthalene	798	191-24-2	benzo(ghi)perylene
25B	95-50-1	1,2-dichlorobenzene	808	86-73-7	fluorene
26B	541-73-1	1,3-dichlorobenzene	818	85-01-8	phenanthrene
27B	106-46-7	1,4-dichlorobenzene	828	53-70-3	dibenzo(a,h)anthracene
28B	91-94-1	3,3'-dichlorobenzidine	838	193-39-5	indeno(1,2,3-cd)pyrene
35B	121-14-2	2,4-dinitrotoluene	848	129-00-0	pyrene
36B	606-20-2	2,6-dinitrotoluene	CL5	62-53-3	aniline
37B	122-66-7	1,2-diphenylhydrazine	CL6	100-51-6	benzyl alcohol
39B	206-44-0	fluoranthene	CL7	106-47-8	4-chloroaniline
40B	7005-72-3	4-chlorophenyl phenyl ether	CL8	132-64-9	dibenzofuran
41B	101-55-3	4-bromophenyl phenyl ether	CL9	91-57-6	2-methylnaphthalene
42B	39638-32-9	bis(2-chloroisopropyl) ether	CL10	88-74-4	2-nitroaniline
43B	111-91-1	bis(2-chloroethoxy) methane	CL11	99-09-2	3-nitroaniline
			CL12	100-01-6	4-nitroaniline

JS 6/6/84

LAB 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: ky / MM

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

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.  
LAB SAMPLE NO: 54249

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

PESTICIDES

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

CONCENTRATION: LOW MEDIUM HIGH (circle one)  
DATE EXTRACTED/PREPARED: 4/09/84  
DATE ANALYZED: 4/16/84  
CONC FACTOR: 4.49/ml

PP#	CAS #	OK	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
55V	127-18-4	tetrachloroethene	0.061
56V	108-88-3	toluene	0.005 U
57V	79-01-6	trichloroethene	0.005 U
58V	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	carbonyl disulfide	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

PP#	CAS #	OK	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'-DDE	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-1234	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: 4.49/ml  
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 / H.P.M.

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: 52-01-5753

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

PP#	CAS #	43/5	PP#	CAS #	ug/g	
21A	88-06-2	2,4,6-trichlorophenol	1.0 U	523	87-68-3 hexachlorobutadiene	0.2 U
22A	59-50-7	p-chloro-m-cresol	1.0 U	538	77-47-4 hexachlorocyclopentadiene	0.2 U
24A	95-57-8	2-chlorophenol	1.0 U	548	78-59-1 isophorone	0.2 U
31A	120-83-2	2,4-dichlorophenol	1.0 U	553	91-28-5 naphthalene	0.50 M
34A	105-67-9	2,4-dimethylphenol	1.0 U	553	98-95-3 nitrobenzene	0.2 U
57A	88-75-5	2-nitrophenol	1.0 U	518	62-75-9 N-nitrosodimethylamine	0.2 U
58A	100-02-7	4-nitrophenol	1.0 U	522	86-30-6 N-nitrosodiphenylamine	0.2 U
59A	51-28-5	2,4-dinitrophenol	1.0 U	538	621-64-7 N-nitrosodipropylamine	0.2 U
60A	534-52-1	4,6-dinitro-o-cresol	1.0 U	638	117-81-7 bis(2-ethylhexyl)phthalate	2.2
64A	87-86-5	pentachlorophenol	1.0 U	573	85-68-7 benzyl butyl phthalate	0.2 U
65A	108-95-2	phenol	1.0 U	638	84-74-2 di-n-butyl phthalate	<del>0.2 U</del> 0.231
CL1	65-85-0	benzoic acid	1.0 U	538	117-84-0 di-n-octyl phthalate	0.2 U
CL2	95-48-7	2-methylphenol	1.0 U	703	84-66-2 diethyl phthalate	0.2 U
CL3	108-39-4	4-methylphenol	1.0 U	713	131-11-3 dimethyl phthalate	0.2 U
CL4	95-95-4	2,4,5-trichlorophenol	1.0 U	723	56-55-3 benzo(a)anthracene	2.3
1B	83-32-9	acenaphthene	0.2 U	735	50-32-8 benzo(a)pyrene	1.7
5B	92-87-5	benzidine	0.2 U	745	205-99-2 benzo(b)fluoranthene	1.0
8B	120-82-1	1,2,4-trichlorobenzene	0.2 U	753	207-08-9 benzo(k)fluoranthene	1.0
9B	118-74-1	hexachlorobenzene	0.2 U	753	218-01-9 chrysene	1.9
12B	67-72-1	hexachloroethane	0.2 U	773	208-96-8 acenaphthylene	0.36 M
18B	111-44-4	bis(2-chloroethyl)ether	0.2 U	789	120-12-7 anthracene	0.63 M
20B	91-58-7	2-chloronaphthalene	0.2 U	793	191-24-2 benzo(ghi)perylene	0.59 M
25B	95-50-1	1,2-dichlorobenzene	0.2 U	802	86-73-7 fluorene	0.2 U
26B	541-73-1	1,3-dichlorobenzene	0.2 U	818	85-01-8 phenanthrene	1.9
27B	106-46-7	1,4-dichlorobenzene	0.2 U	323	53-70-3 dibenzo(a,h)anthracene	0.2 U
28B	91-94-1	3,3'-dichlorobenzidine	0.2 U	335	193-39-5 indeno(1,2,3-cd)pyrene	0.55 M
35B	121-14-2	2,4-dinitrotoluene	0.2 U	843	129-00-0 pyrene	5.0
36B	606-20-2	2,5-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	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

*J.F. 6/6/84*

PREP/RELEASE BY: Ky / MAM

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

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: 4/07/84  
SAMPLE MATRIX: WATER  
PERCENT MOISTURE:

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

VOLATILES

PESTICIDES

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

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

PP#	CAS #	ug/L	PP#	CAS #	ug/L
2V	107-02-8	10 U	89P	309-00-2	0.05 U
3V	107-13-1	10 U	90P	60-57-1	0.05 U
4V	71-43-2	1 U	91P	57-74-9	0.50 U
6V	56-23-5	1 U	92P	50-29-3	0.10 U
7V	108-90-7	1 U	93P	72-55-9	0.05 U
10V	107-06-2	1 U	94P	72-54-8	0.10 U
11V	71-55-6	1 U	95P	115-29-7	0.05 U
13V	75-34-3	1 U	96P	115-29-7	0.05 U
14V	79-00-5	1 U	97P	1031-07-8	0.10 U
15V	79-34-5	1 U	98P	72-20-8	0.05 U
16V	75-00-3	1 U	99P	7421-93-4	0.10 U
19V	110-75-8	10 U	100P	76-44-8	0.05 U
23V	67-66-3	1 U	101P	1024-57-3	0.05 U
29V	75-35-4	1 U	102P	319-84-6	0.05 U
30V	155-60-5	1 U	103P	319-85-7	0.05 U
32V	78-87-5	1 U	104P	319-86-8	0.05 U
33V	10061-02-6	1 U	105P	58-89-9	0.05 U
	10061-01-5	1 U	106P	53469-21-9	0.50 U
38V	100-41-4	1 U	107P	11097-69-1	1.0 U
44V	75-09-2	16	108P	11104-28-2	1.0 U
45V	74-87-3	1 U	109P	11141-16-5	1.0 U
46V	74-83-9	1 U	110P	12672-29-6	1.0 U
47V	75-25-2	1 U	111P	11096-82-5	2.0 U
48V	75-27-4	1 U	112P	12674-11-2	0.50 U
49V	75-69-4	1 U	113P	8001-35-2	10 U
50V	75-71-8	1 U			
51V	124-48-1	1 U			
85V	127-18-4	1 U			
86V	108-88-3	1 U			
87V	79-01-6	1 U			
88V	75-01-4	1 U			
CL13	67-64-1	5 U			
CL14	78-93-3	5 U			
CL15	75-15-0	1 U			
CL16	519-78-6	5 U			
CL17	108-10-1	5 U			
CL18	100-42-5	1 U			
CL19	108-05-4	5 U			
CL20	95-47-6	1 U			

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

DATA PREP/RELEASE BY: Kij, NMM

10-3

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-5  
 CONTRACT NO: 68-01-6753

DATE SAMPLE REC'D: 4/07/83  
 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: 4/26/84  
 CONC. FACTOR: 1L/2ml

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
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	66A	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

6/7/84

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

PREP/RELEASE BY: Kry / MM

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:

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

VOLATILES

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

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)  
DATE EXTRACTED/PREPARED: 4/09/84  
DATE ANALYZED: 5/09/84  
CONC FACTOR: 14/5ml

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	carbonyl disulfide	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

PP# CAS # 95 6/7/84 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 MM J

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: 33-01-5753

DATE SAMPLE REC'D: 4/07/83  
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: 4/25/84  
CONC. FACTOR: 14/2ml

PP#	CAS #	ug/L	PP#	CAS #	ug/L
21A	88-06-2	2,4,6-trichlorophenol	523	87-68-3	hexachlorobutadiene
22A	59-50-7	p-chloro-m-cresol	539	77-47-4	hexachlorocyclopentadiene
24A	95-57-8	2-chlorophenol	548	78-59-1	isophorone
31A	120-83-2	2,4-dichlorophenol	553	91-28-5	naphthalene
34A	105-67-9	2,4-dimethylphenol	553	98-95-3	nitrobenzene
57A	88-75-5	2-nitrophenol	612	62-75-9	N-nitrosodimethylamine
59A	100-02-7	4-nitrophenol	623	86-30-6	N-nitrosodiphenylamine
59A	51-28-5	2,4-dinitrophenol	538	621-64-7	N-nitrosodipropylamine
60A	534-52-1	4,6-dinitro-o-cresol	668	117 81-7	bis(2-ethylhexyl)phthalate
64A	87-86-5	pentachlorophenol	373	85-68-7	benzyl butyl phthalate
65A	108-95-2	phenol	688	84-74-2	di-n-butyl phthalate
CL1	65-85-0	benzoic acid	699	117-84-0	di-n-octyl phthalate
CL2	95-48-7	2-methylphenol	703	84-66-2	diethyl phthalate
CL3	108-39-4	4-methylphenol	718	131-11-3	dimethyl phthalate
CL4	95-95-4	2,4,5-trichlorophenol	723	56-55-3	benzo(a)anthracene
1B	83-32-9	acenaphthene	738	50-32-8	benzo(a)pyrene
5B	92-87-5	benzidine	743	205-99-2	benzo(b)fluoranthene
8B	120-82-1	1,2,4-trichlorobenzene	753	207-08-9	benzo(k)fluoranthene
9B	118-74-1	hexachlorobenzene	753	218-01-9	chrysene
12B	67-72-1	hexachloroethane	778	208-96-8	acenaphthylene
18B	111-44-4	bis(2-chloroethyl)ether	788	120-12-7	anthracene
20B	91-58-7	2-chloronaphthalene	793	191-24-2	benzo(ghi)perylene
25B	95-50-1	1,2-dichlorobenzene	308	86-73-7	fluorene
25B	541-73-1	1,3-dichlorobenzene	318	85-01-8	phenanthrene
27B	106-46-7	1,4-dichlorobenzene	328	53-70-3	dibenzo(a,h)anthracene
23B	91-94-1	3,3'-dichlorobenzidine	835	193-39-5	indeno(1,2,3-cd)pyrene
35B	121-14-2	2,4-dinitrotoluene	843	129-00-0	pyrene
35B	606-20-2	2,6-dinitrotoluene	CL5	62-53-3	aniline
37B	122-66-7	1,2-diphenylhydrazine	CL5	100-51-6	benzyl alcohol
39B	206-44-0	fluoranthene	CL7	106-47-8	4-chloroaniline
40B	7005-72-3	4-chlorophenyl phenyl ether	CL8	132-64-9	dibenzofuran
41B	101-55-3	4-bromophenyl phenyl ether	CL9	91-57-6	2-methylnaphthalene
42B	39638-32-9	bis(2-chloroisopropyl) ether	CL10	88-74-4	2-nitroaniline
43B	111-91-1	bis(2-chloroethoxy) methane	CL11	99-09-2	3-nitroaniline
			CL12	100-01-6	4-nitroaniline

ADD 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 / MM

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

DATE SAMPLE REC'D: 4/07/84

QC REPORT NO: RED 730J-5

SAMPLE MATRIX: WATER

CONTRACT NO: 68-01-6763

PERCENT MOISTURE:

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VOLATILES

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

PESTICIDES

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

PP#	CAS #	ug/L	PP#	CAS #	ug/L
2V	107-02-8	10 U	89P	309-00-2	0.05 U
3V	107-13-1	10 U	90P	60-57-1	0.05 U
4V	71-43-2	1 U	91P	57-74-9	0.50 U
6V	56-23-5	1 U	92P	50-29-3	0.10 U
7V	108-90-7	1 U	93P	72-55-9	0.05 U
10V	107-06-2	1 U	94P	72-54-8	0.10 U
11V	71-55-6	1 U	95P	115-29-7	0.05 U
13V	75-34-3	1 U	96P	115-29-7	0.05 U
14V	79-00-5	1 U	97P	1031-07-8	0.10 U
15V	79-34-5	1 U	98P	72-20-8	0.05 U
16V	75-00-3	1 U	99P	7421-93-4	0.10 U
19V	110-75-8	10 U	100P	76-44-8	0.05 U
23V	67-66-3	1 U	101P	1024-57-3	0.05 U
29V	75-35-4	1 U	102P	319-84-6	0.05 U
30V	156-60-5	1 U	103P	319-85-7	0.05 U
32V	78-87-5	1 U	104P	319-86-8	0.05 U
33V	10061-02-6	1 U	105P	58-89-9	0.05 U
	10061-01-5	1 U	106P	53469-21-9	0.50 U
38V	100-41-4	1 U	107P	11097-69-1	1.0 U
44V	75-09-2	1 U	108P	11104-28-2	1.0 U
45V	74-87-3	1 U	109P	11141-16-5	1.0 U
46V	74-83-9	1 U	110P	12672-29-6	1.0 U
47V	75-25-2	1 U	111P	11096-82-5	2.0 U
48V	75-27-4	1 U	112P	12674-11-2	0.50 U
49V	75-69-4	1 U	113P	8001-35-2	10 U
50V	75-71-8	1 U			
51V	124-48-1	1 U			
85V	127-18-4	1 U			
86V	108-88-3	1 U			
87V	79-01-6	1 U			
88V	75-01-4	1 U			
CL13	67-64-1	5 U			
CL14	78-93-3	5 U			
CL15	75-15-0	1 U			
CL16	519-78-6	5 U			
CL17	108-10-1	5 U			
CL18	100-42-5	1 U			
CL19	108-05-4	5 U			
CL20	95-47-6	1 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 / MOM

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

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: 59-01-5753

DATE SAMPLE REC'D: 4/07/83  
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: 4/26/84  
CONC. FACTOR: 1L/2ml

PP#	CAS	ug/L	PP#	CAS #	ug/L
21A	88-06-2	2,4,6-trichlorophenol 1.0 U	528	87-68-3	hexachlorobutadiene 1.0 U
22A	59-50-7	p-chloro-m-cresol 1.0 U	538	77-47-4	hexachlorocyclopentadiene 1.0 U
24A	95-57-8	2-chlorophenol 1.0 U	543	78-59-1	isopnorone 1.0 U
31A	120-83-2	2,4-dichlorophenol 1.0 U	558	91-28-5	naphthalene 1.0 U
34A	105-67-9	2,4-dimethylphenol 1.0 U	568	98-95-3	nitrobenzene 1.0 U
57A	88-75-5	2-nitrophenol 1.0 U	513	62-75-9	N-nitrosodimethylamine 2.0 U
58A	100-02-7	4-nitrophenol 1.0 U	628	86-30-6	N-nitrosodiphenylamine 1.0 U
59A	51-28-5	2,4-dinitrophenol 1.0 U	338	621-64-7	N-nitrosodipropylamine 1.0 U
60A	534-52-1	4,6-dinitro-o-cresol 1.0 U	658	117-81-7	bis(2-ethylhexyl)phthalate 1.0 U
64A	87-86-5	pentachlorophenol 1.0 U	672	85-68-7	benzyl butyl phthalate 1.0 U
65A	108-95-2	phenol 1.0 U	688	84-74-2	di-n-butyl phthalate 1.0 U
CL1	65-85-0	benzoic acid 1.0 U	698	117-84-0	di-n-octyl phthalate 1.0 U
CL2	95-48-7	2-methylphenol 1.0 U	708	84-66-2	diethyl phthalate 1.0 U
CL3	108-39-4	4-methylphenol 1.0 U	718	131-11-3	dimethyl phthalate 1.0 U
CL4	95-95-4	2,4,5-trichlorophenol 1.0 U	723	56-55-3	benzo(a)anthracene 0.1 U
18	83-32-9	acenaphthene 0.1 U	738	50-32-8	benzo(a)pyrene 0.1 U
58	92-87-5	benzidine 1.0 U	748	205-99-2	benzo(b)fluoranthene 0.1 U
68	120-82-1	1,2,4-trichlorobenzene 1.0 U	753	207-08-9	benzo(k)fluoranthene 0.1 U
98	118-74-1	hexachlorobenzene 1.0 U	768	218-01-9	chrysene 0.1 U
128	67-72-1	hexachloroethane 1.0 U	778	208-96-8	acenaphthylene 0.1 U
188	111-44-4	bis(2-chloroethyl)ether 1.0 U	788	120-12-7	anthracene 0.1 U
208	91-58-7	2-chloronaphthalene 1.0 U	793	191-24-2	benzo(ghi)perylene 0.1 U
253	95-50-1	1,2-dichlorobenzene 1.0 U	808	86-73-7	fluorene 0.1 U
253	541-73-1	1,3-dichlorobenzene 1.0 U	813	85-01-8	phenanthrene 0.1 U
278	106-46-7	1,4-dichlorobenzene 1.0 U	823	53-70-3	dibenzo(a,h)anthracene 0.1 U
288	91-94-1	3,3'-dichlorobenzidine 1.0 U	838	193-39-5	indeno(1,2,3-cd)pyrene 0.1 U
358	121-14-2	2,4-dinitrotoluene 1.0 U	848	129-00-0	pyrene 0.1 U
368	606-20-2	2,6-dinitrotoluene 1.0 U	CL5	62-53-3	aniline 1.0 U
378	122-66-7	1,2-diphenylhydrazine 1.0 U	CL6	100-51-6	benzyl alcohol 1.0 U
398	206-44-0	fluoranthene 0.1 U	CL7	106-47-8	4-chloroaniline 1.0 U
408	7005-72-3	4-chlorophenyl phenyl ether 1.0 U	CL8	132-64-9	dibenzofuran 0.1 U
418	101-55-3	4-bromophenyl phenyl ether 1.0 U	CL9	91-57-6	2-methylnaphthalene 1.0 U
428	39638-32-9	bis(2-chloroisopropyl) ether 1.0 U	CL10	88-74-4	2-nitroaniline 1.0 U
438	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

JS 6/7/84

ASW COMPOUNDS - FS

FOR DATA REPORTING QUALIFIERS SEE COVER LETTER

REP/RELEASE BY: Ky / MM

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  
OC 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

PESTICIDES

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

PP#	CAS #	ug/L	PP#	CAS #	ug/L
2V	107-02-8	acrolein 10 U	89P	309-00-2	aldrin 0.05 U
3V	107-13-1	acrylonitrile 10 U	90P	60-57-1	dieldrin 0.05 U
4V	71-43-2	benzene 5500	91P	57-74-9	chlordane 0.50 U
6V	56-23-5	carbon tetrachloride 1 U	92P	50-29-3	4,4'-DDE 0.10 U
7V	108-90-7	chlorobenzene 1 U	93P	72-55-9	4,4'-DDE 0.05 U
10V	107-06-2	1,2-dichloroethane 1 U	94P	72-54-8	4,4'-DDD 0.10 U
11V	71-55-6	1,1,1-trichloroethane 1 U	95P	115-29-7	a-endosulfan 0.05 U
13V	75-34-3	1,1-dichloroethane 1 U	96P	115-29-7	b-endosulfan 0.05 U
14V	79-00-5	1,1,2-trichloroethane 1 U	97P	1031-07-8	endosulfan sulfate 0.10 U
15V	79-34-5	1,1,2,2-tetrachloroethane 1 U	98P	72-20-8	endrin 0.05 U
16V	75-00-3	chloroethane 1 U	99P	7421-93-4	endrin aldehyde 0.10 U
19V	110-75-8	2-chloroethylvinyl ether 10 U	100P	76-44-8	heptachlor 0.05 U
23V	67-66-3	chloroform 1 U	101P	1024-57-3	heptachlor epoxide 0.05 U
29V	75-35-4	1,1-dichloroethene 1 U	102P	319-84-6	a-BHC 0.05 U
30V	156-60-5	trans-1,2-dichloroethene 1 U	103P	319-85-7	b-BHC 0.05 U
32V	78-87-5	1,2-dichloropropane 1 U	104P	319-86-8	d-BHC 0.05 U
33V	10061-02-6	trans-1,3-dichloropropene 1 U	105P	58-89-9	g-BHC (lindane) 0.05 U
	10061-01-5	cis-1,3-dichloropropene 1 U	106P	53469-21-9	PCB-1242 0.50 U
38V	100-41-4	ethylbenzene 850	107P	11097-69-1	PCB-1254 1.0 U
44V	75-09-2	methylene chloride 1 U	108P	11104-28-2	PCB-1221 1.0 U
45V	74-87-3	chloromethane 1 U	109P	11141-16-5	PCB-1247 1.0 U
46V	74-83-9	bromomethane 1 U	110P	12672-29-6	PCB-1248 1.0 U
47V	75-25-2	bromoform 1 U	111P	11096-82-5	PCB-1260 2.0 U
48V	75-27-4	bromodichloromethane 1 U	112P	12674-11-2	PCB-1016 0.50 U
49V	75-69-4	fluorotrichloromethane 1 U	113P	8001-35-2	toxaphene 10 U
50V	75-71-8	dichlorodifluoromethane 1 U			
51V	124-48-1	chlorodibromomethane 1 U			
05V	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	carbendisulfide 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			



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

DATA PREP/RELEASE BY: kyi WOM 112

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: 4/07/83  
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: 14/20 ML

PP#	CAS #	ug/L	PP#	CAS #	ug/L
21A	88-06-2	2,4,6-trichlorophenol	52B	87-68-3	hexachlorobutadiene
22A	59-50-7	p-chloro-m-cresol	530	77-47-4	hexachlorocyclopentadiene
24A	95-57-8	2-chlorophenol	54B	78-59-1	isophorone
31A	120-83-2	2,4-dichlorophenol	55B	91-28-5	naphthalene
34A	105-67-9	2,4-dimethylphenol	56B	98-95-3	nitrobenzene
57A	88-75-5	2-nitrophenol	61B	62-75-9	N-nitrosodimethylamine
58A	100-02-7	4-nitrophenol	62B	86-30-6	N-nitrosodiphenylamine
59A	51-28-5	2,4-dinitrophenol	63B	621-64-7	N-nitrosodipropylamine
60A	534-52-1	4,6-dinitro-o-cresol	66B	117-81-7	bis(2-ethylhexyl)phthalate
64A	87-86-5	pentachlorophenol	67B	85-68-7	benzyl butyl phthalate
65A	108-95-2	phenol	68B	84-74-2	di-n-butyl phthalate
EL1	65-85-0	benzoic acid	69B	117-84-0	di-n-octyl phthalate
EL2	95-48-7	2-methylphenol	70B	84-66-2	diethyl phthalate
EL3	108-39-4	4-methylphenol	71B	131-11-3	dimethyl phthalate
EL4	95-95-4	2,4,5-trichlorophenol	72B	56-55-3	benzo(a)anthracene
1B	83-32-9	acenaphthene	73B	50-32-8	benzo(a)pyrene
5B	92-87-5	benzidine	74B	205-99-2	benzo(b)fluoranthene
8B	120-82-1	1,2,4-trichlorobenzene	75B	207-08-9	benzo(k)fluoranthene
9B	118-74-1	hexachlorobenzene	76B	218-01-9	chrysene
12B	67-72-1	hexachloroethane	77B	208-96-8	acenaphthylene
18B	111-44-4	bis(2-chloroethyl)ether	78B	120-12-7	anthracene
20B	91-58-7	2-chloronaphthalene	79B	191-24-2	benzo(ghi)perylene
25B	95-50-1	1,2-dichlorobenzene	80B	86-73-7	fluorene
26B	541-73-1	1,3-dichlorobenzene	81B	85-01-8	phenanthrene
27B	106-46-7	1,4-dichlorobenzene	82B	53-70-3	dibenzo(a,h)anthracene
28B	91-94-1	3,3'-dichlorobenzidine	83B	193-39-5	indeno(1,2,3-cd)pyrene
35B	121-14-2	2,4-dinitrotoluene	84B	129-00-0	pyrene
36B	606-20-2	2,6-dinitrotoluene	CL5	62-53-3	aniline
37B	122-66-7	1,2-diphenylhydrazine	CL6	100-51-6	benzyl alcohol
39B	206-44-0	fluoranthene	CL7	106-47-8	4-chloroaniline
40B	7005-72-3	4-chlorophenyl phenyl ether	CL8	132-64-9	dibenzofuran
41B	101-55-3	4-bromophenyl phenyl ether	CL9	91-57-6	2-methylnaphthalene
42B	39638-32-9	bis(2-chloroisopropyl) ether	CL10	88-74-4	2-nitroaniline
43B	111-91-1	bis(2-chloroethoxy) methane	CL11	99-09-2	3-nitroaniline
			CL12	100-01-6	4-nitroaniline

FS 6/7/84

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

DATA PREP/RELEASE BY: Ky / [Signature]

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

PESTICIDES

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

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

PP#	CAS #	Compound	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
EL13	67-64-1	acetone	5 U
EL14	78-93-3	2-butanone	5 U
EL15	75-15-0	carbonyl disulfide	1 U
EL16	519-78-6	2-hexanone	5 U
EL17	108-10-1	4-methyl-2-pentanone	5 U
EL18	100-42-5	styrene	1 U
EL19	108-05-4	vinyl acetate	5 U
EL20	95-47-6	total xylenes	22000

PP#	CAS #	Compound	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	0001-35-2	toxaphene	10 U

[Signature] 4/7/84

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

DATA PREP/RELEASE BY: Ky, MAN

P13

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

ORGANICS ANALYSIS DATA SHEET

LABORATORY: California Analytical Labs, Inc.  
 LAB SAMPLE NO: 54260

CASE NO: 2622/730J  
 QC REPORT NO: RED 730J-5  
 CONTRACT NO: 58-01-6763

DATE SAMPLE REC'D: 4/07/83  
 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: 500ml/10ml Acid 500ml/80ml Base

PP#	CAS #	ug/L	PP#	CAS #	ug/L
21A	89-06-2	2,4,6-trichlorophenol 10 U	528	87-68-3	hexachlorobutadiene 80 U
22A	59-50-7	p-chloro-m-cresol 10 U	538	77-47-4	hexachlorocyclopentadiene 80 U
24A	95-57-8	2-chlorophenol 10 U	548	78-59-1	isophorone 80 U
31A	120-83-2	2,4-dichlorophenol 10 U	558	91-28-5	naphthalene 5600
34A	105-67-9	2,4-dimethylphenol 28 M	568	98-95-3	nitrobenzene 80 U
57A	88-75-5	2-nitrophenol 10 U	618	62-75-9	N-nitrosodimethylamine 160 U
58A	100-02-7	4-nitrophenol 10 U	628	86-30-6	N-nitrosodiphenylamine 80 U
59A	51-28-5	2,4-dinitrophenol 10 U	638	621-64-7	N-nitrosodipropylamine 80 U
60A	534-52-1	4,6-dinitro-o-cresol 10 U	668	117-81-7	bis(2-ethylhexyl)phthalate 80 U
64A	87-86-5	pentachlorophenol 10 U	678	85-68-7	benzyl butyl phthalate 80 U
65A	108-95-2	phenol 340	688	84-74-2	di-n-butyl phthalate 80 U
CL1	65-85-0	benzoic acid 10 U	698	117-84-0	di-n-octyl phthalate 80 U
CL2	95-48-7	2 methylphenol 170	708	84-66-2	diethyl phthalate 80 U
CL3	108-39-4	4-methylphenol 280	718	131-11-3	dimethyl phthalate 80 U
CL4	95-95-4	2,4,5-trichlorophenol 10 U	728	56-55-3	benzo(a)anthracene 5.0 U
1B	83-32-9	acenaphthene 5.0 U	738	50-32-8	benzo(a)pyrene 5.0 U
5B	92-87-5	benzidine 80 U	748	205-99-2	benzo(b)fluoranthene 5.0 U
8B	120-82-1	1,2,4-trichlorobenzene 80 U	758	207-08-9	benzo(k)fluoranthene 5.0 U
9B	118-74-1	hexachlorobenzene 80 U	768	218-01-9	chrysene 5.0 U
12B	67-72-1	hexachloroethane 80 U	778	208-96-8	acenaphthylene 5.0 U
18B	111-44-4	bis(2-chloroethyl)ether 80 U	788	120-12-7	anthracene 5.0 U
20B	91-58-7	2-chloronaphthalene 80 U	798	191-24-2	benzo(ghi)perylene 5.0 U
25B	95-50-1	1,2-dichlorobenzene 80 U	808	86-73-7	fluorene 5.0 U
26B	541-73-1	1,3-dichlorobenzene 80 U	818	85-01-8	phenanthrene 150
27B	106-46-7	1,4-dichlorobenzene 80 U	828	53-70-3	dibenzo(a,h)anthracene 5.0 U
28B	91-94-1	3,3'-dichlorobenzidine 80 U	838	193-39-5	indeno(1,2,3-cd)pyrene 5.0 U
35B	121-14-2	2,4-dinitrotoluene 80 U	848	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

4/7/84

ABN COMPOUNDS - FS

FOR DATA REPORTING QUALIFIERS SEE COVER LETTER

DATA IS HELD FOR A MINIMUM OF 90 DAYS THEN SENT TO METC 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 / MM

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

ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME: California Analytical Labs, Inc.

CASE NO: 2622/730J

DATE SAMPLE REC'D: 4/07/84

LAB SAMPLE NO: S4259

QC REPORT NO: RED 730J-5

SAMPLE MATRIX: WATER

CONTRACT NO: 68-01-6763

PERCENT MOISTURE:

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

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one) ul

DATE ANALYZED: 4/14/84

(JS) 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	10051-02-6	trans-1,3-dichloropropene	250 U
	10051-01-5	cis-1,3-dichloropropene	250 U
33V	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	carbon disulfide	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	55000

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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:

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

SEMIVOLATILE COMPOUNDS

**oil**

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

JP 6/7/84

PP#	CAS #	ug/g	PP#	CAS #	ug/g
21A	88-06-2	2,4,6-trichlorophenol	528	87-68-3	hexachlorobutadiene NA
22A	59-50-7	p-chloro-m-cresol	538	77-47-4	hexachlorocyclopentadiene NA
24A	95-57-8	2-chlorophenol	548	78-59-1	isophorone NA
31A	120-83-2	2,4-dichlorophenol	558	91-28-5	naphthalene 3500
34A	105-67-9	2,4-dimethylphenol	568	98-95-3	nitrobenzene NA
57A	88-75-5	2-nitrophenol	618	62-75-9	N-nitrosodimethylamine NA
58A	100-02-7	4-nitrophenol	628	86-30-6	N-nitrosodiphenylamine NA
59A	51-28-5	2,4-dinitrophenol	638	621-64-7	N-nitrosodipropylamine NA
60A	534-52-1	4,6-dinitro-o-cresol	668	117-81-7	bis(2-ethylhexyl)phthalate NA
64A	87-86-5	pentachlorophenol	678	85-68-7	benzyl butyl phthalate NA
65A	108-95-2	phenol	688	84-74-2	di-n-butyl phthalate NA
CL1	65-85-0	benzoic acid	698	117-84-0	di-n-octyl phthalate NA
CL2	95-48-7	2-methylphenol	708	84-66-2	diethyl phthalate NA
CL3	108-39-4	4-metnylphenol	718	131-11-3	dimethyl phthalate NA
CL4	95-95-4	2,4,5-trichlorophenol	728	56-55-3	benzo(a)anthracene 200 U
1B	83-32-9	acenaphthene 200 U	738	50-32-8	benzo(a)pyrene 200 U
58	92-87-5	benzidine NA	748	205-99-2	benzo(b)fluoranthene 200 U
88	120-82-1	1,2,4-trichlorobenzene NA	758	207-08-9	benzo(k)fluoranthene 200 U
99	118-74-1	hexachlorobenzene NA	768	218-01-9	chrysene 200 U
128	67-72-1	hexachloroethane NA	778	208-96-8	acenaphthylene 200 U
188	111-44-4	bis(2-chloroethyl)ether NA	788	120-12-7	anthracene 200 U
208	91-58-7	2-chloronaphthalene NA	798	191-24-2	benzo(ghi)perylene 200 U
258	95-50-1	1,2-dichlorobenzene NA	808	86-73-7	fluorene 200 U
268	541-73-1	1,3-dichlorobenzene NA	818	85-01-8	phenanthrene 200 U
278	106-46-7	1,4-dichlorobenzene NA	828	53-70-3	dibenzo(a,h)anthracene 200 U
288	91-94-1	3,3'-dichlorobenzidine NA	838	193-39-5	indeno(1,2,3-cd)pyrene 200 U
358	121-14-2	2,4-dinitrotoluene NA	848	129-00-0	pyrene 200 U
368	606-20-2	2,6-dinitrotoluene NA	CL5	62-53-3	aniline NA
378	122-66-7	1,2-diphenylhydrazine NA	CL6	100-51-6	benzyl alcohol NA
398	206-44-0	fluoranthene 200 U	CL7	106-47-8	4-chloroaniline NA
408	7005-72-3	4-chlorophenyl phenyl ether NA	CL8	132-64-9	dibenzofuran 200 U
418	101-55-3	4-bromophenyl phenyl ether NA	CL9	91-57-6	2-methylnaphthalene 2700
428	39638-32-9	bis(2-chloroisopropyl) ether NA	CL10	88-74-4	2-nitroaniline NA
438	111-91-1	bis(2-chloroethoxy) methane NA	CL11	99-09-2	3-nitroaniline NA
			CL12	100-01-6	4-nitroaniline NA