LPC 0316005445 Cook Co.
Valspar Paints
ILD 981040107
SF/HRS
Volume 2 of 2

EPA Region 5 Records Ctr.
303476

CERCLA
Screening Site Inspection Analytical Results

Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62794-9276

Confidential Material May be Enclosed

Printed on Recycled Paper

Valspar Paints
ILD081040107

TABLE 3-2
KEY SAMPLE SUMMARY

SAMPLING POINT	X101 5-19-93 Soil Bkgnd.		X102 5-19-93 Dup of X101		X103 5-19-93		X104 5-18-93		X105 5-18-93		X106 5-18-93		X107 5-18-93		X108 5-18-93		X109 5-18-93	
VOLATILES																		
2-Butanone	--		--		--		--		--		--		--		--		--	
Carbon Disulfide	--		--		--		--		--		--		--		--		--	
Chloroform	9.0	J	--		--		--		--		--		--		--		--	
1,2-Dichloroethene (total)	--		--		--		--		--		--		--		--		--	
1,2-Dichloroethane	5.0	J	--		20.0	J	--		16.0	J	--		22.0	J	--		21.0	J
Ethylbenzene	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloroethane	6.0	J	19.0	J	--		--		--		--		--		--		24.0	J
Tetrachloroethene	--		--		--		--		--		--		--		--		32.0	J
1,1,2,2-Tetrachloroethane	--		--		--		--		--		--		--		--		--	
Toluene	--		--		--		--		--		--		--		--		--	
Xylene (total)	--		--		--		--		11.0	J	--		--		--		--	
	(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)	
INORGANICS																		
Aluminum	9340.0		--		--		--		--		--		--		--		--	
Antimony	7.0	J	--		--		--		--		--		--		--		105.0	J
Arsenic	16.1	J	--		--		--		--		--		--		--		--	
Barium	91.6		--		--		--		658.0		1660.0		605.0		1270.0		3390.0	
Cadmium	2.0		--		--		--		--		14.4		--		11.3		12.6	
Calcium	19700.0		--		71400.0		--		64600.0		65500.0		--		--		--	
Chromium	35.0		--		--		--		--		211.0		--		--		2890.0	
Cobalt	10.5		--		--		--		--		38.6		--		--		42.4	
Copper	57.5		--		--		--		--		310.0		189.0		265.0		239.0	
Iron	20600.0		--		--		--		--		--		--		--		69700.0	
Lead	146.0		--		--		--		622.0		6930.0		1050.0		4310.0		17000.0	
Magnesium	10400.0		--		33300.0		--		--		34700.0		--		--		--	
Manganese	670.0		--		--		--		--		--		--		--		--	
Mercury	0.15		1.8		2.7		--		--		2.0		0.59		2.6		7.3	
Nickel	28.6		--		--		--		--		--		--		--		--	
Potassium	1230.0		--		--		--		--		--		--		--		--	
Selenium	0.82	B	--		--		--		--		--		--		--		--	
Silver	--		--		--		--		--		1.9	B	--		2.1	B	3.1	
Sodium	68.4	B	--		--		2180.0		299.0	B	471.0	B	445.0	B	298.0	B	994.0	B
Thallium	0.38	J	--		--		--		--		1.6	J	--		1.9	J	2.2	J
Vanadium	24.3		--		--		--		--		--		--		--		--	
Zinc	189.0		--		--		--		--		2370.0		1000.0		6640.0		3680.0	
Sulfate	93.4		--		342.0		--		--		--		452.0		--		--	
	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	

TABLE 3-2
KEY SAMPLE SUMMARY

SAMPLING POINT	X101 5-19-93 Soil Bkgnd.		X110 5-18-93		X111 5-18-93		X112 5-18-93		X113 5-18-93		X114 5-18-93		X115 5-18-93		X116 5-18-93		X117 5-19-93		X118 5-19-93	
VOLATILES																				
2-Butanone	--		--		--		--		--		40.0		--		--		--		--	
Carbon Disulfide	--		--		--		--		--		--		--		--		--		--	
Chloroform	9.0	J	--		--		--		--		--		--		--		--		--	
1,2-Dichloroethene (total)	--		--		--		--		--		8.0	J	--		--		--		--	
1,2-Dichloroethane	5.0	J	15.0		--		--		--		51.0		--		--		--		--	
Ethylbenzene	--		--		530000.0	D	--		--		210.0		--		--		--		--	
1,1,2-Trichloroethane	6.0	J	--		--		--		--		--		--		--		21.0		--	
Tetrachloroethene	--		--		--		--		--		15.0		--		--		--		--	
1,1,2,2-Tetrachloroethane	--		--		--		--		3.0	J	--		--		--		--		--	
Toluene	--		--		30000.0		--		--		61.0		--		--		--		--	
Xylene (total)	--		--		1700000.0	D	--		--		9100.0	D	13.0		--		--		--	
	(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)	
INORGANICS																				
Aluminum	9340.0		--		--		--		--		--		--		--		--		--	
Antimony	7.0	J	--		--		--		--		--		--		--		--		--	
Arsenic	16.1	J	--		--		--		--		--		--		--		--		--	
Barium	91.6		--		--		--		--		532.0		--		--		--		--	
Cadmium	2.0		--		--		--		--		--		--		--		--		--	
Calcium	19700.0		--		--		--		--		--		--		--		--		--	
Chromium	35.0		--		--		--		--		--		--		--		--		--	
Cobalt	10.5		--		--		--		--		--		--		--		--		--	
Copper	57.5		--		--		--		--		--		--		--		--		--	
Iron	20600.0		--		--		--		--		--		--		--		--		--	
Lead	146.0		--		--		--		--		1580.0		--		--		563.0		1260.0	
Magnesium	10400.0		--		--		--		--		--		--		--		--		--	
Manganese	670.0		--		--		--		--		--		--		--		--		--	
Mercury	0.15		--		--		--		--		--		--		0.48		--		0.53	
Nickel	28.6		--		--		--		--		--		--		--		--		--	
Potassium	1230.0		--		--		--		--		--		--		--		--		--	
Selenium	0.82	B	--		--		--		--		--		--		--		--		2.7	
Silver	--		1.5	B	--		--		--		2.1	B	1.9		--		0.95	B	2.2	B
Sodium	68.4	B	--		--		--		--		--		--		--		--		--	
Thallium	0.38	J	1.7	J	--		--		--		--		--		--		--		--	
Vanadium	24.3		--		--		--		--		--		--		--		--		--	
Zinc	189.0		969.0		--		--		--		1270.0		--		--		--		--	
Sulfate	93.4		--		--		--		--		--		--		--		--		--	
	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	

Valspar Paints
ILD081040107

TABLE 3-2
KEY SAMPLE SUMMARY

SAMPLING POINT	X101 5-19-93 Soil Bkgnd.		X102 5-19-93 Dup of X101		X103 5-19-93		X104 5-18-93		X105 5-18-93		X106 5-18-93		X107 5-18-93		X108 5-18-93		X109 5-18-93	
SEMIVOLATILES																		
Fluorene	--		--		--		--		--		--		--		--		--	
Phenanthrene	340.0	J	--		--		--		1100.0		22000.0		--		5000.0		1700.0	J
Anthracene	58.0	J	--		--		--		--		2600.0	J	260.0	J	1300.0	J	610.0	J
Fluoranthene	570.0		--		--		--		--		29000.0		--		8700.0		3200.0	J
Pyrene	560.0		--		--		--		--		25000.0		--		10000.0		3700.0	J
Benzo(a)anthracene	330.0	J	--		1000.0		--		1200.0		17000.0		--		6200.0		2500.0	J
Chrysene	380.0	J	--		--		--		--		13000.0		--		4500.0		2900.0	J
Benzo(b)fluoranthene	630.0		--		2700.0		--		2600.0	J	20000.0		--		13000.0	J	7300.0	J
Benzo(k)fluoranthene	130.0	J	--		570.0		--		420.0	J	5900.0		--		3200.0	J	1400.0	J
Benzo(a)pyrene	380.0	J	--		1200.0		--		--		11000.0		--		5400.0	J	3800.0	J
Indeno(1,2,3-cd)pyrene	250.0	J	--		1000.0	J	--		--		8400.0		--		1800.0	J	1900.0	J
Dibenzo(a,h)anthracene	--		--		240.0	J	92.0	J	160.0	J	1100.0	J	--		410.0	J	--	
Benzo (g,h,i) perylene	210.0	J	--		930.0	J	680.0	J	--		6000.0		--		1200.0	J	900.0	J
Napthalene	--		--		--		--		150.0	J	930.0	J	120.0	J	460.0	J	--	
2-Methylnapthalene	--		--		--		--		110.0	J	670.0	J	380.0	J	250.0	J	--	
Acenaphthylene	--		--		--		--		97.0	J	--		180.0	J	910.0	J	570.0	J
Acenapthene	--		--		--		--		--		2000.0	J	--		400.0	J	--	
Dibenzofuran	--		--		--		--		120.0	J	1200.0	J	120.0	J	290.0	J	--	
Carbazole	48.0	J	--		--		--		--		3200.0	J	160.0	J	640.0	J	--	
Butylbenzylphthalate	--		--		--		--		--		1600.0	J	--		--		2000.0	J
bis(2-ethylhexyl)phthalate	760.0		--		--		--		--		9900.0		--		3500.0		17000.0	
4-Nitroaniline	--		--		--		--		--		--		--		350.0		--	
Di-n-Octyl phthalate	--		--		--		--		--		--		--		--		--	
Di-n-Butylphthalate	--		--		--		--		--		--		--		--		--	
	(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)	
PESTICIDES																		
beta-BHC	--		--		--		--		--		--		--		7.8	JP	--	
Heptachlor	--		--		--		--		--		--		--		--		--	
Heptachlor epoxide	--		--		--		--		--		--		1.6	P	--		--	
Endosulfan I	--		--		--		--		--		--		--		--		--	
4,4'-DDE	27.0	J	--		--		--		--		--		--		--		--	
Dieldren	--		--		--		--		--		--		--		--		--	
Endrin	--		--		--		--		--		--		9.0	P	--		--	
4,4'-DDD	3.5	P	--		--		--		--		--		35.0		--		130.0	P
Endosulfan II	--		--		4.1	P	--		3.4	JP	--		4.3	P	--		--	
Endosulfan sulfate	--		--		--		--		4.5	P	20.0	JP	--		12.0	JP	--	
4,4'-DDT	15.0	P	--		--		--		--		--		--		210.0	P	290.0	P
alpha-Chlordane	--		--		--		--		--		--		--		--		--	
gamma-Chlordane	--		--		--		--		--		--		--		--		--	
Endrin ketone	--		--		--		--		--		--		--		--		--	
Endrin aldehyde	--		--		--		--		--		--		--		--		--	
Methoxychlor	--		--		--		--		--		71.0	JP	--		--		--	
Aroclor-1254	--		87.0	P	--		--		--		2700.0	P	--		--		3800.0	PC
	(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)	

Valspar Paints
ILD081040107

TABLE 3-2
KEY SAMPLE SUMMARY

SAMPLING POINT	X101 5-19-93 Soil Bkgnd.		X110 5-18-93		X111 5-18-93		X112 5-18-93		X113 5-18-93		X114 5-18-93		X115 5-18-93		X116 5-18-93		X117 5-19-93		X118 5-19-93	
SEMIVOLATILES																				
Fluorene	--		--		--		--		--		--		--		--		63.0	J	230.0	J
Phenanthrene	340.0	J	--		--		--		--		1200.0	J	--		--		--		2100.0	
Anthracene	58.0	J	--		--		--		--		--		--		--		--		390.0	
Fluoranthene	570.0		--		--		--		--		--		--		--		--		2800.0	
Pyrene	560.0		--		--		--		--		--		--		--		--		2900.0	
Benzo(a)anthracene	330.0	J	1100.0		--		--		--		--		--		--		--		2000.0	
Chrysene	380.0	J	--		--		--		--		--		--		--		--		1600.0	
Benzo(b)fluoranthene	630.0		11000.0		--		--		--		--		--		--		1900.0	J	2800.0	J
Benzo(k)fluoranthene	130.0	J	740.0		--		--		--		--		--		--		--		840.0	J
Benzo(a)pyrene	380.0	J	1600.0		--		--		--		--		--		--		--		1600.0	J
Indeno(1,2,3-cd)pyrene	250.0	J	960.0		--		--		--		--		--		--		--		--	
Dibenzo(a,h)anthracene	--		210.0	J	--		--		--		--		--		--		52.0	J	130.0	J
Benzo(g,h,i)perylene	210.0	J	--		--		--		--		--		--		--		--		--	
Napthalene	--		130.0	J	16000.0		--		--		4900.0	J	49.0	J	--		57.0	J	180.0	J
2-Methylnapthalene	--		73.0	J	2900.0	J	--		--		1500.0	J	79.0	J	--		81.0	J	140.0	J
Acenaphthylene	--		50.0	J	--		--		--		--		--		--		--		140.0	J
Acenapthene	--		--		--		--		--		--		--		76.0	J	56.0	J	190.0	J
Dibenzofuran	--		38.0	J	--		--		--		--		--		--		49.0	J	130.0	J
Carbazole	48.0	J	--		--		--		--		--		--		--		--		260.0	J
Butylbenzylphthalate	--		--		--		--		--		--		--		--		100.0	J	390.0	
bis(2-ethylhexyl)phthalate	760.0		--		3500.0	J	--		--		--		--		--		--		2900.0	
4-Nitroaniline	--		--		--		--		--		1100.0	J	--		--		--		--	
Di-n-Octyl phthalate	--		--		--		--		--		--		--		--		--		94.0	J
Di-n-Butylphthalate	--		--		5800.0	J	--		--		4200.0		--		--		--		--	
	(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)	
PESTICIDES																				
beta-BHC	--		--		--		--		--		--		--		--		--		--	
Heptachlor	--		1.1	JP	18.0		--		--		--		--		--		--		--	
Heptachlor epoxide	--		--		--		--		--		1.2	JP	--		--		--		2.0	P
Endosulfan I	--		--		--		3.5		--		--		--		59.0	P	--		--	
4,4'-DDE	27.0	J	--		--		--		--		--		--		--		1400.0	JC	--	
Dieldrin	--		--		--		--		--		--		--		--		--		1.6	JP
Endrin	--		--		--		--		--		6.9	P	2.1	JP	--		--		7.9	P
4,4'-DDD	3.5	P	--		--		--		--		--		--		35.0	JP	90.0	P	10.0	P
Endosulfan II	--		--		--		--		--		--		--		--		--		4.3	P
Endosulfan sulfate	--		--		--		--		--		--		--		--		--		--	
4,4'-DDT	15.0	P	--		--		--		--		--		--		--		1600.0	C	89.0	
alpha-Chlordane	--		--		--		--		--		--		--		--		--		11.0	P
gamma-Chlordane	--		--		--		--		--		--		--		--		--		4.7	P
Endrin ketone	--		--		--		--		--		--		--		--		--		--	
Endrin aldehyde	--		--		190.0	P	--		--		--		--		--		--		--	
Methoxychlor	--		--		--		--		--		--		--		--		--		--	
Aroclor-1254	--		140.0		--		--		--		--		--		15000.0	DPC	--		--	
	(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)		(ppb)	

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Date: 8/12/93

Subject: Review of CLP Data
(Inorganics only)

From: Ron Turpin
Contract Laboratories Administrator
Division of Laboratories

To: Data User: Bruce Everetts

The Quality Assurance Section has reviewed the following data package(s):

SITE NAME: Valspar Paints CASE/SDG No.: 9305G855

Date(s) Received for Review: 16-Jul-93 No. of Samples: 18 soil

Laboratory(s): Weston/Gulf Coast Hours Used for Review: 18 hrs.

Reviewer(s): Chris Bridges

The following narrative represents our findings:

The results are valid as qualified on the enclosed forms 1.
Organic results to follow.

- ☐ Data are acceptable for use.
- ☒ Data are acceptable for use with qualifications noted above.
- ☐ Data are preliminary - pending verification by laboratory.
- ☐ Data are unacceptable.

cc: Karl Reed
Tom Crause

IEPA DIVISION OF LABORATORIES
QUALITY ASSURANCE SECTION
INORGANIC DATA VALIDATION
CHECKLIST

Site:	Valspar Paints
Laboratory:	Weston-Gulf Coast
SDG:	~~X101~~ 9305G855
Analytical Protocol:	ILM02.0
Date:	July 29, 1993
Reviewer:	Chris Bridges
Reviewer Signature:	Chris Bridges

8/12/93

I. PRELIMINARY REVIEW

Number Aqueous Samples: N/A Analytes:

Number Solid/Soil Samples: 18 Analytes: Trace Metals, Hg, CN, Sulfide, Sulfate

	YES	NO	N/A
A. Chain - of - Custody(ies) Present?	X		
Signed ?	X		
Dated?	X		
B. Cover Page- Present?	X		
Do sample numbers agree with sample numbers on:			
a. Chain - of - Custody Forms?	X		
b. Form 1s?	X		
C. Form 1- Final Data			
Are all Form 1s present and complete?	X		
Are correct units indicated on Form 1s (ug/l-waters & mg/kg-soils)	X		
Are soil sample results corrected for percent solids (dry weight)?	X		
Are sample results < IDL reported as the IDL (U)?	X		

ACTIONS:

NONE

II. HOLDING TIMES & PRESERVATION

Mercury (28 Days)	pH < 2	exceeded?		X	
Cyanide (14 Days)	pH > 12	exceeded?		X	
other Metals (6months)	pH < 2	exceeded?		X	

ACTIONS:

NONE

III. CALIBRATIONS

A. Initial Calibration Procedures:

		YES	NO	N/A
Are acceptable 2 point calibrations present for:	ICP?	X		
Are acceptable 4 point calibrations present for:	AA?	X		
Correlation Coefficient > 0.995?		X		
	Cyanide?	X		
Correlation Coefficient > 0.995?		X		
Mid-Range standard distilled?		X		
Are acceptable 4 point calibrations present for:	Mercury?	X		
Correlation Coefficient > 0.995?		X		
Are acceptable calibrations present for other parameters?		X		

ACTIONS:

NONE

B. Form 2 - Initial and Continuing Calibration Verification:

All necessary Form 2s present and complete?	X		
ICVs and CCVs analyzed at the correct frequency?	X		
Are results reported in the correct units (ug/l)?	X		
All calibration verification % Recoveries meet criteria?	X		

ACTIONS: (Analyte, % Recovery, Sample(s) affected and Qualifications)

NONE

IV. BLANKS

	YES	NO	N/A
All necessary Form 3s present and complete?	X		
A. Initial and Continuing Calibration Blanks			
Analyzed at correct frequency?	X		
Are results reported in the correct units (ug/l)?	X		
Were transcription errors corrected?			X
All ICBs and CCBs meet no contamination criteria?		X	

ACTIONS: (ICB or CCB/IDL) Sample(s) affected, qualifications

Be (1.2, 0.8, 0.9/0.8) X101, X102, X103, X104, X105, X106, X107, X108, X109, X110, X111, X112 X113, X114, X115, X116, X117, X118 are qualified as estimated (J)

Se (-1.4, 1.4, 1.4/1.2) X117 is qualified as estimated (J)

Na (42.5/37.2) X116 is qualified (U)

Tl (-2.3, -1.8, -1.8, -2.3/1.7) X101, X102, X103, X104, X105, X106, X107, X108, X109, X110, X111 X112, X113, X114, X115, X116, X117, X118 are qualified as estimated (J)

Contamination noted in Al, As, Ba, Ca, Fe, Pb, Mg, and Mn however no data is affected

B. Preparation Blanks

	YES	NO	N/A
Was one preparation blank prepared for:			
each 20 samples?	X		
each batch?	X		
each matrix type?			X
Were prep blanks analyzed at the correct frequency?	X		
Were prep blanks reported in the correct concentration units?	X		
Were all transcription errors corrected?			X
All prep blanks meet no contamination criteria?		X	

ACTIONS: (Analyte, (PB/IDL), Sample(s) affected, Qualifications)

Na (48.3/37.3) X116 is qualified (U)

Contamination noted in Al, Ca, Fe, Mg, Mn, and Zn however no data is affected

V. ICP INTERFERENCE CHECK SAMPLE:

	YES	NO	N/A
Form 4 present and complete?	X		
Were ICS ran at the correct frequency?	X		
Were all transcription errors corrected?			X
All % Recoveries of ICSAB Solution +/- 20 % of True Value?		X	
For elements not present in ICSA, is the absolute value of the ICSA result greater than the IDL?	X		

ACTIONS: (Analyte, % Recovery, Sample(s) affected, Qualifications)

Co, Pb, V, and Zn all have results that exceed their IDLs however no data is affected

VI. SPIKE SAMPLE RECOVERY:

Form 5 present and complete for:	each 20 samples?	X		
	each matrix type?			X
Were all transcription errors corrected?				X
Were field blanks used for spike sample analysis?			X	
Were all Matrix Spike % Recoveries within criteria?			X	

ACTIONS: (Analyte, % Recovery, Sample(s) affected, Qualifications)

Sb (42.8%R) X101, X102, X103, X104, X105, X106, X107, X108, X109, X110, X111
X112, X113, X114, X115, X116, X117, X118 are qualified as estimated (J)

As (-7.7%R) X101, X102, X103, X104, X105, X106, X107, X108, X109, X110, X111
X112, X113, X114, X115, X116, X117, X118 are qualified as estimated (J)

Sulfide (0.0%R) X101, X102, X103, X104, X105, X106, X107, X108, X109, X110, X111
X112, X113, X114, X115, X116, X117, X118 are qualified as unusable (R)

VII. DUPLICATE SAMPLE ANALYSIS:

		YES	NO	N/A
Form 6 present and complete for:	each 20 samples?	X		
	each matrix type?			X
Were all transcription errors corrected?				X
Were field blanks used for duplicate analysis?			X	
For both AA and ICP when both are used for the same analyte?		X		
Were all duplicate analyses differences within criteria?			X	

ACTIONS: (Element, Differences, Sample(s) affected, Qualifications)

As (39.8%D) X101, X102, X103, X104, X105, X106, X107, X108, X109, X110, X111
X112, X113, X114, X115, X116, X117, X118 are qualified as estimated (J)

VIII. LABORATORY CONTROL SAMPLE:

(Note: LCS not required for aqueous Hg.)

	YES	NO	N/A
Form 7 Present and Complete?	X		
Was one LCS prepared and analyzed for:			
every 20 or fewer water samples?			X
every digestion batch of water samples?			X
every 20 or fewer solid samples?	X		
every digestion batch of solid samples?	X		
Were all transcription errors corrected?			X
Were all of the Aqueous LCS % Recoveries within criteria?	X		
Were all of the Solid LCS % Recoveries within criteria?			X

ACTIONS: (Element, % Recovery, Sample(s) affected, Qualifications)

NONE

IX. FURNACE ATOMIC ABSORPTION (AA) QC:

	YES	NO	N/A
Did the laboratory utilize duplicate injections for all non-MSAanalyses?	X		
Does the GFAA fow chart appear to have been followed for all analyses?	X		
Did the laboratory properly flag the GFAA results on the Form 1s?	X		

ACTIONS: (Analyte, Sample(s) affected, Qualifications)

Any result flagged 'W' or 'E' by the laboratory are qualified as estimated (J)

X. ICP SERIAL DILUTION:

Form 9 present and complete?	X		
Was Serial Dilution analysis performed for:			
each 20 or fewer samples	X		
each matrix type?			X
Were all transcription errors corrected?			X
Were all serial dilution results within criteria?	X		
Were field blanks used for serial dilution analysis?		X	

ACTIONS: (Analyte, Sample(s) affected, Qualifications)

NONE

XI. RAW DATA:

	YES	NO	N/A
Digestion Log for flame AA/ICP present?	X		
Digestion Log for furnace AA present?	X		
Digestion Log for mercury present?	X		
Digestion Log for cyanide present?	X		
Inventory Sheet present?			X
Weights, dilutions, and volumes used to obtain values present?	X		
Percent solids calculation present for soils (sediments)?	X		
Are preparation dates present on Digestion Logs?	X		
Are standards preparation logs present and dated?	X		
Measurement read out records present for:			
ICP?	X		
Flame AA?			X
Furnace AA?	X		
Mercury?	X		
Cyanide?	X		
other Inorganics?	X		
Are all results with the ICP linear ranges?	X		
Are all Mercury results within the calibrated range?	X		
Are all Cyanide results within the calibrated range?	X		
Are all other inorganics within the calibrated range?	X		
Sulfate, Sulfide, _____			
Are all raw data to support all sample analyses an QC operations present?	X		
Legible?	X		
Properly labeled?	X		

ACTIONS:

NONE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Date: 8/25/93

Subject: Review of CLP Data (organic data only)

From: Ron Turpin
Contract Laboratories Administrator
Division of Laboratories

To: Data User: Bruce Everetts

The Quality Assurance Section has reviewed the following data package(s):

SITE NAME: Valspar Paints CASE/SDG No.: 9305G855

Date(s) Received for Review: 16-Jul-93 No. of Samples: 18 soil

Laboratory(s): Weston/Gulf Coast Hours Used for Review: 50 hours

Reviewer(s): Alicia Mudd

The following narrative represents our findings:

The results are valid as qualified on the enclosed Forms 1.

☐ Data are acceptable for use.

☒ Data are acceptable for use with qualifications noted above.

☐ Data are preliminary - pending verification by laboratory.

☐ Data are unacceptable.

cc: Karl Reed

Tom Crause

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 9305G855
Laboratory: Weston/GC
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PRELIMINARY REVIEW

1. *Chain-of-Custody*

	YES	NO	
a.	[X]	[ ]	Check chain-of-custody documentation for date/time sampled, date/time received in laboratory.
b.	[X]	[ ]	Check chain-of-custody documentation for proper documentation of transfers and signoffs.
c.	[X]	[ ]	Check chain-of-custody documentation for any inconsistencies or anomalies.

Comments: None.

2. *Case Narrative*

	YES	NO	
a.	[X]	[ ]	Review entire case narrative.
b.	[X]	[ ]	Check case narrative for completeness.
c.	[X]	[ ]	Check for proper authorization signature.

Comments: None

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 9305G8SS
Laboratory: Weston/GC
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I. Holding Times

YES NO
[X] [ ] Check that all technical and/or contractual holding times were met, as required, for all fractions.

EPA Number	Lab Number	Date Coll.	Date Rec'd.	VOA Date Anal.	Semi-VOA Date Extr	Semi-VOA Date Anal.	Pesticide Date Extr	Pesticide Date Anal.
X101	-001	5/19/93	5/19/93	5/28/93	5/25/93	6/22/93	5/22/93	6/26/93
X102	-002	5/19	↓	5/28	↓	6/22	↓	6/26
X103	-003	5/19	↓	5/28	↓	6/22	↓	6/26
X104	-004	5/18	↓	5/28	↓	6/24	↓	6/26
X105	-005	5/18	↓	5/28	↓	6/22	↓	6/27
X106	-006	5/18	↓	5/28	↓	6/24	↓	6/27
X107	-007	5/18	↓	5/28	↓	6/22	↓	6/27
X108	-008	5/18	↓	5/28	↓	6/23	↓	6/27
X109	-009	5/18	↓	5/28	↓	6/23	↓	6/28
X110	-010	5/18	↓	5/29	↓	6/23	↓	6/27
X111	-011	5/18	↓	5/28	↓	6/24	↓	6/27
X112	-012	5/18	↓	5/28	↓	6/23	↓	6/27
X113	-013	5/18	↓	5/28	↓	6/23	↓	6/28
X114	-014	5/18	↓	5/28	↓	6/23	↓	6/28
X115	-015	5/18	↓	5/28	↓	6/23	↓	6/28
X116	-016	5/18	↓	5/28	↓	6/23	↓	6/26
X117	-017	5/19	↓	5/28	↓	6/23	↓	6/26
X118	-018	5/19	↓	5/28	↓	6/23	↓	6/28
X102RE				5/28				
X103RE				5/29				
X104RE				5/28				

List below all samples (by sample number and fraction) qualified due to holding times.

Validation holding times met.
Semivolatile extraction of X113RE exceeded contractual holding time. No data qualifications required.

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 9305G855
Laboratory: Weston/SC
Page 3 of 43

I. Holding Times

YES NO
[X] [ ] Check that all technical and/or contractual holding times were met, as required, for all fractions.

EPA Number	Lab Number	Date Coll.	Date Rec'd.	VOA Date Anal.	Semi-VOA Date Extr	Semi-VOA Date Anal.	Pesticide Date Extr	Pesticide Date Anal.
X105RE				5/28	5/25	6/28		
X106RE				5/29				
X107RE				5/29				
X106DL					5/25	6/24		
X108RE				5/29	5/25	6/24		
X108DL							5/22	6/26
X109RE				5/29	5/25	6/24		
X109DL							5/22	6/26
X110DL					5/25	6/24		
X111DL				5/28				
X112DL							5/22	6/26
X113RE					6/30	7/8		
X114DL				5/28				
X116RE					5/25	6/24		
X116DL							5/22	6/26
X117RE					5/25	6/24		
X117DL							5/22	6/28
X118RE				5/28	5/25	6/24		
X118DL					5/25	6/24	5/22	6/26

List below all samples (by sample number and fraction) qualified due to holding times.

See previous page for holding times.

II. GC/MS Instrument Performance Check

Fraction: (VOA) SemiVOA (*circle one*)

1. Evaluate Forms V and Raw Data

	YES	NO	
a.	[X]	[ ]	Check that Forms V are present and completed for each 12 hour time period.
b.	[X]	[ ]	Check for transcription errors between raw data and Forms V.
c.	[X]	[ ]	Check that the appropriate number of significant figures has been reported and that rounding errors have not occurred.
d.	[X]	[ ]	Check for calculation errors.

2. Verify Raw Data Format

YES	NO	
[X]	[ ]	Check mass spectral listing to determine that the mass assignment is correct and that the mass listing is normalize to the specified ion (m/z 95 for VOA, m/z 198 for SemiVOA).

3. Verify Ion Abundance Criteria

YES	NO	
[X]	[ ]	Check that all ion abundance criteria has been met.

4. Verify Background Correction

YES	NO	
[X]	[ ]	Check that tuning compound spectra were generated using appropriate background correction.

Comments: None.

III. Initial Calibration

GC/MS

Fraction: (VOA) SemiVOA (*circle one*)

1. ***Verify that the Correct Standard Concentrations Were Used.***

YES	NO	
[X]	[ ]	Check the Forms VI and the raw data to verify that the correct standard concentrations were used to calibrate the GC/MS instrument(s).

2. ***Verify that the Correct Initial Calibration was Used for Water and Low Level Soils.***

YES	NO	N/A	
[X]	[ ]	[ ]	Check that initial calibrations were performed as required for water/med. level soil and low level soil.

3. ***Verify Use of Correct Standards.***

YES	NO	N/A	
[ ]	[ ]	[X]	Check that the correct standard was used for quantitation of samples, if samples were analyzed immediately subsequent to initial calibration.

4. ***Evaluate Initial Calibration*** RRFs ***and*** $\overline{\text{RRF}}$s.

	YES	NO	
a.	[X]	[ ]	Check and recalculate the RRFs and $\overline{\text{RRF}}$s for several target compounds (at least one associated with each internal standard).
b.	[X]	[ ]	Check that, for all target compounds and surrogates, the $\overline{\text{RRF}}$s meet the applicable criteria. Note any "outliers" on the Calibration Outliers Form.

5. ***Evaluate Initial Calibration %RSDs.***

	YES	NO	
a.	[X]	[ ]	Check and recalculate the *%RSD* for several target compounds.
b.	[X]	[ ]	Check that the applicable *%RSD* criteria have been met. Note any "outliers" on the Calibration Outliers Form.

Comments: None

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 93056855
Laboratory: Weston/SC
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IV. Continuing Calibration

GC/MS

Fraction: (VOA) SemiVOA (*circle one*)

1. ***Verify Continuing Calibration Frequency.***

YES	NO	
[X]	[ ]	Check the continuing calibration raw data and Forms VII to verify that continuing calibration standards were analyzed at the proper frequency and that each continuing calibration was compared to the appropriate initial calibration.

2. ***Evaluate Continuing Calibration RRFs.***

	YES	NO	
a.	[X]	[ ]	Check and recalculate the continuing calibration *RRFs* for several compounds.
b.	[X]	[ ]	Check that all target compound and surrogate *RRFs* meet the criteria.

3. ***Evaluate Continuing Calibration %Ds.***

	YES	NO	
a.	[X]	[ ]	Check and recalculate the continuing calibration *%Ds* for several compounds.
b.	[X]	[ ]	Check that all target compound and surrogate *%Ds* meet the applicable criteria.

Comments: None

VOLATILE CALIBRATION OUTLIERS

3/90 SOW

Lab Name: ~~ISPA~~ Weston/GC

Case: Valspar Paints

9305G855

Instrument # GCL 3	Minimum	Initial Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.		
DATE/TIME.	RRF	4/7/93 0055			5/27/93 2251			5/28/93 1102								
heated purge		RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q
Chloromethane	0.010															
Bromomethane	0.100															
Vinyl Chloride	0.100															
Chloroethane	0.010															
Methylene Chloride	0.010															
Acetone	0.010		37.4													
Carbon Disulfide	0.010					48.5	J		46.6	J						
1,1-Dichloroethene	0.100															
1,1-Dichloroethane	0.200															
1,2-Dichloroethene (total)	0.010															
Chloroform	0.200															
1,2-Dichloroethane	0.100															
2-Butanone	0.010															
1,1,1-Trichloroethane	0.100															
Carbon Tetrachloride	0.100															
Bromodichloromethane	0.200															
1,2-Dichloropropane	0.010															
cis-1,3-Dichloropropene	0.200															
Trichloroethene	0.300															
Dibromochloromethane	0.100															
1,1,2-Trichloroethane	0.100															
Benzene	0.500															
trans-1,3-Dichloropropene	0.100															
Bromoform	0.100															
4-Methyl-2-Pentanone	0.010															
2-Hexanone	0.010															
Tetrachloroethene	0.200															
1,1,2,2-Tetrachloroethane	0.500															
Toluene	0.400															
Chlorobenzene	0.500															
Ethylbenzene	0.100															
Styrene	0.300															
Xylene(total)	0.300															
Bromofluorobenzene	0.300															

AFFECTED SAMPLES:

VBLK-193	VBLK-196
X106	X111
X102	X112
X103	X113
X104	X114
X105	X116
X107	X117
X101	X118
X101MS	X111DL
X101MSD	X115
X108	X118RE
X109	X114DL

Reviewer's Initials/Date Am 8/3/93

Q This column of flags should be applied to the analytes on the sample data sheets.

3/92

VOLATILE CALIBRATION OUTLIERS

3/90 SOW

Lab Name: Weston/HC

Case: Valspar Paints 9305G855

Instrument # 6	Minimum	Initial Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.		
DATE/TIME:	RRF	5/28/93 219			5/28/93 1943			5/29 1317								
heated purge		RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q
Chloromethane	0.010		39.5													
Bromomethane	0.100		40.0			30.4	J									
Vinyl Chloride	0.100								31.0	J						
Chloroethane	0.010					38.6	J		58.8	J						
Methylene Chloride	0.010					34.6	J		59.1	J						
Acetone	0.010		47.5						34.2	J						
Carbon Disulfide	0.010															
1,1-Dichloroethene	0.100								34.5	J						
1,1-Dichloroethane	0.200															
1,2-Dichloroethene (total)	0.010								35.2	J						
Chloroform	0.200															
1,2-Dichloroethane	0.100															
2-Butanone	0.010		34.2													
1,1,1-Trichloroethane	0.100															
Carbon Tetrachloride	0.100															
Bromodichloromethane	0.200															
1,2-Dichloropropane	0.010															
cis-1,3-Dichloropropene	0.200															
Trichloroethene	0.300															
Chloromethane	0.100															
1,1,2-Trichloroethane	0.100															
Benzene	0.500															
trans-1,3-Dichloropropene	0.100															
Bromoform	0.100															
4-Methyl 2-Pentanone	0.010		35.6						31.4	J						
2-Hexanone	0.010		33.2													
Tetrachloroethene	0.200															
1,1,2,2-Tetrachloroethane	0.500															
Toluene	0.400															
Chlorobenzene	0.500															
Ethylbenzene	0.100															
Styrene	0.300															
Xylene(total)	0.300															
Bromofluorobenzene	0.300															

AFFECTED SAMPLES:

VBLK-007	VBLK-008
X102 RE	X103 RE
X104 RE	X109 RE
X105 RE	X110
X108 RE	
X106 RE	
X105 RE	

Reviewer's Initials/Date: [illegible] 8/3/93

3/92

Q is column of flags should be applied to the analytes on the sample data sheets.

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 93056855
Laboratory: Weston/GC
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V. Blanks

Fraction: (VOA) SemiVOA Pest. (*circle one*)

1. ***Review Blank Results.***

YES NO
[X] [ ] Check all associated blanks for the presence of TCL compounds or TICs. Note all contaminated blanks and associated samples below.

2. ***Verify Blank Frequency.***

YES NO
[X] [ ] Check that blank analyses have been performed at the required frequency.

Blank Summary

Blank Sample No.	193-MB1	196-MB1	007-MB1	008-MB1
Date (Anal.) or Extr.	5/27/93	5/28/93	5/28/93	5/29/93
Instrument	GCL 3	GCL 3	GCL 6	GCL 6

TCL Comp'd.	Amount	TCL Comp'd.	Amount	TCL Comp'd.	Amount	TCL Comp'd.	Amount
Acetone	6	$MeCl_2$	1	Bromomethane	14	Bromomethane	10
		Acetone	6				

TIC Comp'd.	Amount	TIC Comp'd.	Amount	TIC Comp'd.	Amount	TIC Comp'd.	Amount

VI. Surrogate Spikes

GC/MS

Fraction: (VOA) SemiVOA (*circle one*)

1. ***Review Raw Data.***

YES	NO	
[X]	[ ]	Check raw data to verify that the recoveries on the Form II are accurate and within the limits.

2. ***Evaluate Surrogate Recovery Calculations.***

YES	NO	
[X]	[ ]	Check that the surrogate spike recoveries were calculated correctly and are free from transcription errors.

3 ***Evaluate Surrogate Recoveries.***

	YES	NO	
a.	[X]	[ ]	Check that reanalyses were performed as required.
b.	[X]	[ ]	Check that surrogate recoveries in blanks met criteria.

4. ***Evaluate Reanalyses.***

YES	NO	
[X]	[ ]	Whenever there are two or more analyses for a particular sample, determine which are the best analyses to use. This determination must be performed in conjunction with the evaluation of the internal standard area response criteria. List below the results of the reviewers determinations.

Comments:

X104RE, X105RE, X106RE, X108RE – DCE high % R ; X107RE + X114DL – TOL + DCE % R out.

4) X110 required reanalysis due to low int std area, but not reanalyzed. Use X102RE, X103, X104, X105, X106, X107, X108, X109, X118.

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 9305G855
Laboratory: Weston/SLC
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VII. Matrix Spikes/Matrix Spike Duplicates

Fraction: (VOA) SemiVOA Pesticide (*circle one*)

1. ***Verify Frequency***

YES NO
[X] [ ] Check that MS and MSD samples were analyzed at the correct frequency.

2. ***Evaluate MS/MSD Criteria.***

YES NO
[X] [ ] Check MS/MSD results for *%R* and *RPD* are within the advisory limits.

3. ***Verify MS/MSD Calculations.***

YES NO
a. [X] [ ] Check raw data and verify that results are calculated correctly and are free from transcription errors.

b. [X] [ ] Check that *%Rs* and *RPDs* were calculated correctly.

4. ***Evaluate Sample Precision.***

YES NO
[X] [ ] Compare *%RSD* results of non-spiked compounds between the original result, MS and MSD.

X101 Compound	Orig. Result	MS Result	MSD Result	%RSD
Chloroform	9	8	7	13%
~~2-Butanone~~				
1,2-Dichloroethane	5	6	6	10%
1,1,2-Trichloroethane	6	7	8	14%

Comments:
None

X. Internal Standards

GC/MS

Fraction: (VOA) SemiVOA (*circle one*)

1. ***Evaluate Raw Data.***

YES	NO	
[X]	[ ]	Check raw data and verify that the internal standard retention times and areas reported on the Forms VIII are correct.

2. ***Verify RT and IS Area Criteria.***

YES	NO	
[X]	[ ]	Check that retention times and internal standard area meet the appropriate criteria.

3. ***Evaluate Reanalyses.***

YES	NO	
[X]	[ ]	Whenever there are two or more analyses for a particular sample, determine which are the best analyses to use. This determination must be performed in conjunction with the evaluation of the surrogate spike recovery criteria. List the results of the reviewers determinations in Section VI., Surrogate Spikes.

Comments:

X101, X101MS + MSD - all int std areas low
X102 - all int std areas low, X102RE - DFB + CB2 areas low
X103 + X103RE - all int std areas low
X104 + X104RE - all int std areas low
X105 + X105RE - all int std areas low
X106 + X106RE - all int std areas low
X107 + X107RE - all int std areas low
X108 - DFB + CB2 areas low, X108RE all int std areas low
X109 + X109RE all int std areas low
X110 - DFB + CB2 - low areas
X118 + X118RE - CB2 low area

XI. Target Compound Identification

GC/MS

Fraction: VOA SemiVOA (*circle one*)

1. ***Verify Relative Retention Time (RRT) Criteria.***

   YES NO
   [X] [ ] Check that the RRT of reported compounds is within the criteria.

2. ***Evaluate Target Compound Spectra.***

   YES NO
   [X] [ ] Check the sample target compound spectra against the laboratory standard spectra; verify that the specified criteria are met.

3. ***Evaluate Possible Carryover.***

   YES NO
   [X] [ ] Check the raw data of the samples as related to the samples analyzed previously to verify that sample carryover has not adversely affected results.

4. ***Evaluate Chromatograms.***

   YES NO
   [X] [ ] Check the sample chromatograms to verify that peaks are accounted for.

Comments: None

XII. Compound Quantitation and Reported CRQLs

Fraction: (VOA) SemiVOA Pesticide (*circle one*)

1. ***Evaluate Quantitation of Sample Results.***

YES	NO	
[X]	[ ]	Check raw data to verify calculation of sample results.

2. ***Evaluate Quantitation Parameters.***

YES	NO	N/A	
[X]	[ ]	[ ]	For GC/MS analyses, check that the correct internal standard, quantitation ion, and *RRF* were used to quantitate results. Verify that the same internal standard, quantitation ion, and *RRF* are used throughout, in both the calibration and as well as the quantitation process.

3. ***Evaluate CRQLs.***

YES	NO	
[X]	[ ]	Check that the CRQLs have been adjusted to reflect all sample dilutions, concentrations, splits, cleanup activities, and dry weight factors.

Comments: None

XIII. Tentatively Identified Compounds

GC/MS Only

Fraction: (VOA) SemiVOA (*circle one*)

1. ***Evaluate Tentative Identifications.***

YES	NO	
[X]	[ ]	Check that all TICs reported meet the identification guidelines.

2. ***Evaluate Raw Data.***

YES	NO	
[X]	[ ]	Check raw data to verify that the laboratory has generated a library search for all required peaks in the chromatograms for samples and blanks.

3. ***Evaluate Blanks.***

YES	NO	
[X]	[ ]	Check blank sample chromatograms to verify that TIC peaks present in samples are not found in blanks.

4. ***Examine Mass Spectra.***

YES	NO	
[X]	[ ]	Check all mass spectra for every sample.

5. ***Evaluate TIC Identifications.***

YES	NO	
[X]	[ ]	Since TIC library searches often yield several candidate compounds, all reasonable choices must be considered.

6. ***Evaluate Laboratory Artifacts and Contaminants.***

YES	NO	
[X]	[ ]	Check sample results and raw data to verify that common laboratory artifacts and contaminants are not reported as sample contaminants.

XIII. TICs continued

7. ***Evaluate Possibility of False Negatives.***

	YES	NO	N/A	
a.	[X]	[ ]	[ ]	Check to determine if target compounds have been identified and quantitated as TICs.
b.	[ ]	[ ]	[X]	If target compounds have been identified and quantitated as TICs, check to determine whether the false negative is an isolated occurrence or whether additional data may be affected. Comment on all such false negatives below.

8. ***Determine That Results Are From Proper Fraction.***

YES	NO	N/A	
[X]	[ ]	[ ]	Target compounds could be identified in more than one fraction; if this occurs, check that quantitation is from the proper fraction.

9. ***Verify That Internal Standards And Surrogates Are Not Searched.***

YES	NO	
[X]	[ ]	Check that library searches were not performed on internal standards or surrogates.

10. ***Verify Estimated Quantitation of TICs.***

YES	NO	
[X]	[ ]	Check that the estimated concentration of the TICs was made using an assumed *RRF* of one.

Comments: None

XIV. GC/MS System Performance

Fraction: (VOA) SemiVOA (*circle one*)

1. ***Evaluate Overall System Performance.***

	YES	NO	
a.	[X]	[ ]	Check for high RIC background levels or shifts in absolute retention times of internal standards.
b.	[X]	[ ]	Check for excessive baseline rise at elevated temperature.
c.	[X]	[ ]	Check for extraneous peaks.
d.	[X]	[ ]	Check for loss of resolution.
e.	[X]	[ ]	Check for peak tailing or peak splitting that may result in inaccurate quantitation.

Comments: None

Data Validation Checklist
Site Name: Valspar Paints
SDG
No.: 93056855
Laboratory: Weston/GC
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II. GC/MS Instrument Performance Check

Fraction: ~~VOA~~ ~~SemiVOA~~ 5V (*circle one*)

1. Evaluate Forms V and Raw Data

	YES	NO	
a.	[X]	[ ]	Check that Forms V are present and completed for each 12 hour time period.
b.	[X]	[ ]	Check for transcription errors between raw data and Forms V.
c.	[X]	[ ]	Check that the appropriate number of significant figures has been reported and that rounding errors have not occurred.
d.	[X]	[ ]	Check for calculation errors.

2. Verify Raw Data Format

YES	NO	
[X]	[ ]	Check mass spectral listing to determine that the mass assignment is correct and that the mass listing is normalize to the specified ion (m/z 95 for VOA, m/z 198 for SemiVOA).

3. Verify Ion Abundance Criteria

YES	NO	
[X]	[ ]	Check that all ion abundance criteria has been met.

4. Verify Background Correction

YES	NO	
[X]	[ ]	Check that tuning compound spectra were generated using appropriate background correction.

Comments: None

III. Initial Calibration

GC/MS

Fraction: VOA SemiVOA (*circle one*)

1. ***Verify that the Correct Standard Concentrations Were Used.***

YES	NO	
[X]	[ ]	Check the Forms VI and the raw data to verify that the correct standard concentrations were used to calibrate the GC/MS instrument(s).

2. ***Verify that the Correct Initial Calibration was Used for Water and Low Level Soils.***

YES	NO	N/A	
[ ]	[ ]	[X]	Check that initial calibrations were performed as required for water/med. level soil and low level soil.

3. ***Verify Use of Correct Standards.***

YES	NO	N/A	
[ ]	[ ]	[X]	Check that the correct standard was used for quantitation of samples, if samples were analyzed immediately subsequent to initial calibration.

4. ***Evaluate Initial Calibration*** RRFs ***and*** $\overline{\text{RRF}}$s.

	YES	NO	
a.	[X]	[ ]	Check and recalculate the RRFs and $\overline{\text{RRF}}$s for several target compounds (at least one associated with each internal standard).
b.	[X]	[ ]	Check that, for all target compounds and surrogates, the $\overline{\text{RRF}}$s meet the applicable criteria. Note any "outliers" on the Calibration Outliers Form.

5. ***Evaluate Initial Calibration %RSDs.***

	YES	NO	
a.	[X]	[ ]	Check and recalculate the *%RSD* for several target compounds.
b.	[X]	[ ]	Check that the applicable *%RSD* criteria have been met. Note any "outliers" on the Calibration Outliers Form.

Comments: None

IV. Continuing Calibration

GC/MS

Fraction: VOA SemiVOA (*circle one*)

1. ***Verify Continuing Calibration Frequency.***

YES	NO	
[X]	[ ]	Check the continuing calibration raw data and Forms VII to verify that continuing calibration standards were analyzed at the proper frequency and that each continuing calibration was compared to the appropriate initial calibration.

2. ***Evaluate Continuing Calibration RRFs.***

	YES	NO	
a.	[X]	[ ]	Check and recalculate the continuing calibration *RRFs* for several compounds.
b.	[X]	[ ]	Check that all target compound and surrogate *RRFs* meet the criteria.

3. ***Evaluate Continuing Calibration %Ds.***

	YES	NO	
a.	[X]	[ ]	Check and recalculate the continuing calibration *%Ds* for several compounds.
b.	[X]	[ ]	Check that all target compound and surrogate *%Ds* meet the applicable criteria.

Comments: None

SEMIVOLATILE CALIBRATION OUTLIERS

Page 1

Lab Name: Weston/MC

Case: Valspar Paints 9305G855

Instrument # GCL 4	Minimum	Initial Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.		
DATE/TIME:	RRF	6/11/93 1122			6/22/93 0903			6/28/93 0917 ~~1906~~			7/8/93 0901					
		RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q
Phenol	0.800											34.9	J			
bis(2-Chloroethyl)ether	0.700															
2-Chlorophenol	0.800															
1,3-Dichlorobenzene	0.600															
1,4-Dichlorobenzene	0.500															
1,2-Dichlorobenzene	0.400															
2-Methylphenol	0.700											31.1	J			
2,2'-oxybis(1-Chloropropane)	0.010								64.8	J		83.6	J			
4-Methylphenol	0.600								27.8	J		37.7	J			
N-Nitroso-di-n-propylamine	0.500															
Hexachloroethane	0.300															
Nitrobenzene	0.200															
Isophorone	0.400															
2-Nitrophenol	0.100															
2,4-Dimethylphenol	0.200															
bis(2-Chloroethoxy)methane	0.300											30.0	J			
2,4-Dichlorophenol	0.200															
1,2,4-Trichlorobenzene	0.200															
Naphthalene	0.700															
4-Chloroaniline	0.010															
Hexachlorobutadiene	0.010															
4-Chloro-3-methylphenol	0.200															
2-Methylnaphthalene	0.400															
Hexachlorocyclopentadiene	0.010											55.5	J			
2,4,6-Trichlorophenol	0.200															
2,4,5-Trichlorophenol	0.200															
2-Chloronaphthalene	0.800															
2-Nitroaniline	0.010															
Dimethylphthalate	0.010															
Acenaphthylene	1.300															
2,6-Dinitrotoluene	0.200															
3-Nitroaniline	0.010											26.5	J			
Acenaphthene	0.800															
2,4-Dinitrophenol	0.010															
4-Nitrophenol	0.010				37.3	J		49.1	J		25.3	J				
Dibenzofuran	0.800															
2,4-Dinitrotoluene	0.200															

AFFECTED SAMPLES:

MB-255	X105RE	MB-333
X101		X113RE
X101MS		
X101MSD		
X102		
X103		
X105		
X107		

Reviewer's Initials/Date: 8/4/93

Q - This column of flags should be applied to the analytes on the sample data sheets.

SEMIVOLATILE CALIBRATION OUTLIERS

Page 2

Lab Name: Weston/GC

Case: Valspar Paints 9305G855

Instrument # GCL 4	Minimum RRF	Initial Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.		
DATE/TIME:		6/11 1122			6/22 0903			6/28 0917			7/8 0901					
		RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q
Diethylphthalate	0.010															
4-Chlorophenyl-phenylether	0.400															
Fluorene	0.900															
4-Nitroaniline	0.010											31.3	J			
4,6-Dinitro-2-methylphenol	0.010															
N-Nitrosodiphenylamine (1)	0.010															
4-Bromophenyl-ethylether	0.100															
Hexachlorobenzene	0.100															
Pentachlorophenol	0.050					39.7	J									
Phenanthrene	0.700															
Anthracene	0.700															
Carbazole	0.010															
Di-n-butylphthalate	0.010															
Fluoranthene	0.600															
Pyrene	0.600															
Butylbenzylphthalate	0.010															
3,3'-Dichlorobenzidine	0.010															
Benzo(a)anthracene	0.800															
Chrysene	0.700															
bis(2-Ethylhexyl)phthalate	0.010															
Di-n-octylphthalate	0.010															
Benzo(b)fluoranthene	0.700															
Benzo(k)fluoranthene	0.700															
Benzo(a)pyrene	0.700															
Indeno(1,2,3-cd)pyrene	0.500					31.2	J									
Dibenz(a,h)anthracene	0.400					38.8	J		36.7	J						
Benzo(g,h,i)perylene	0.500					37.0	J									
Nitrobenzene-d5	0.200															
2-Fluorobiphenyl	0.700															
Terphenyl-d14	0.500															
Phenol-d6	0.300															
2-Fluorophenol	0.300															
2-Chlorophenol-d4	0.300															
1,2-Dichlorobenzene-d4	0.400															
4-Nitrophenol	0.010															
Dibenzofuran	0.300															
2,4-Dinitrotoluene	0.200															

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Q - This column of flags should be applied to the analytes on the sample data sheets.

SEE PAGE 1 FOR AFFECTED SAMPLES

Reviewer's Initials-Date

AM 8/4/93

SEMIVOLATILE CALIBRATION OUTLIERS

Page 1

Lab Name: Weston / GC

Case: Valspar Paints 9305G855

Instrument # GCL 1	Minimum	Initial Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.		
DATE/TIME:	RRF	6/21/93 1759			6/23 0833			6/24 1305								
		RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q
Phenol	0.300															
bis(2-Chloroethyl)ether	0.700															
2-Chlorophenol	0.800															
1,3-Dichlorobenzene	0.600															
1,4-Dichlorobenzene	0.500															
1,2-Dichlorobenzene	0.400															
2-Methylphenol	0.700															
2,2'-oxybis(1-Chloropropane)	0.010															
4-Methylphenol	0.600															
N-Nitroso-di-n-propylamine	0.500								32.0	J						
Hexachloroethane	0.300															
Nitrobenzene	0.200															
Isophorone	0.400															
2-Nitrophenol	0.100															
2,4-Dimethylphenol	0.200															
bis(2-Chloroethoxy)methane	0.300															
2,4-Dichlorophenol	0.200															
1,2,4-Trichlorobenzene	0.200															
Naphthalene	0.700															
4-Chloroaniline	0.010															
Hexachlorobutadiene	0.010															
4-Chloro-3-methylphenol	0.200															
2-Methylnaphthalene	0.400															
Hexachlorocyclopentadiene	0.010															
2,4,6-Trichlorophenol	0.200															
2,4,5-Trichlorophenol	0.200															
2-Chloronaphthalene	0.800															
2-Nitroaniline	0.010															
Dimethylphthalate	0.010															
Acenaphthylene	1.300															
2,6-Dinitrotoluene	0.200															
3-Nitroaniline	0.010															
Acenaphthene	0.800															
2,4-Dinitrophenol	0.010															
4-Nitrophenol	0.010															
Dibenzofuran	0.800															
2,4-Dinitrotoluene	0.200															

AFFECTED SAMPLES:

X110	MB-255RE
X112	X104
X113	X106
X114	X106DL
X115	X108RE
X109	X109RE
X116	X110DL
X117	X111
X118	X116RE
X108	X117RE
	X118RE
	X118DL

Reviewer's Initials/Date: [illegible] 8/3/93

1 - This column of flags should be applied to the analytes on the sample data sheets.

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SEMIVOLATILE CALIBRATION OUTLIERS

Page 2

Name: Weston/RSC

Case: Valspar Paint

Instrument # GCL 1	Minimum	Initial Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.			Contin. Cal.		
DATE/TIME:	RRF	6/21 1759			6/23 0833			6/24 1305								
		RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q	RF	%RSD	Q
Diethylphthalate	0.010															
4-Chlorophenyl-phenylether	0.400															
Fluorene	0.900															
4-Nitroaniline	0.010															
4,6-Dinitro-2-methylphenol	0.010															
N-Nitrosodiphenylamine (1)	0.010															
4-Bromophenyl-ethylether	0.100															
Hexachlorobenzene	0.100															
Pentachlorophenol	0.050								38.8	J						
Phenanthrene	0.700															
Anthracene	0.700															
Carbazole	0.010															
Di-n-butylphthalate	0.010															
Fluoranthene	0.600															
Pyrene	0.600															
Butylbenzylphthalate	0.010															
3,3'-Dichlorobenzidine	0.010															
Benzo(a)anthracene	0.800															
Chrysene	0.700															
bis(2-Ethylhexyl)phthalate	0.010															
Di-n-octylphthalate	0.010															
Benzo(b)fluoranthene	0.700															
Benzo(k)fluoranthene	0.700															
Benzo(a)pyrene	0.700															
Indeno(1,2,3-cd)pyrene	0.500															
Dibenz(a,h)anthracene	0.400															
Benzo(g,h,i)perylene	0.500															
Nitrobenzene-d5	0.200															
2-Fluorobiphenyl	0.700															
Terphenyl-d14	0.500															
Phenol-d6	0.800															
2-Fluorophenol	0.600															
2-Chlorophenol-d4	0.800															
1,2-Dichlorobenzene-d4	0.400															
4-Nitrophenol	0.010															
Dibenzofuran	0.800															
2,4-Dinitrotoluene	0.200															

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Q - This column of flags should be applied to the analytes on the sample data sheets.

SEE PAGE 1 FOR AFFECTED SAMPLES

Reviewer's Initials/Date arn 8/3/93

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 9305G855
Laboratory: Weston/SC
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V. Blanks

Fraction: VOA (SemiVOA) Pest. (*circle one*)

1. ***Review Blank Results.***

YES NO
[X] [ ] Check all associated blanks for the presence of TCL compounds or TICs. Note all contaminated blanks and associated samples below.

2. ***Verify Blank Frequency.***

YES NO
[X] [ ] Check that blank analyses have been performed at the required frequency.

Blank Summary

Blank Sample No.	MB-255	MB-255 RE (other instrument)		MB-333
Date Anal. or Extr.	5/25/93	5/25/93		6/30/93
Instrument	GCL 4	GCL 1		GCL 4

TCL Comp'd.	Amount	TCL Comp'd.	Amount	TCL Comp'd.	Amount	TCL Comp'd.	Amount
Di-n-But	220	Di-n-But	260			Di-n-But	120

TIC Comp'd.	Amount	TIC Comp'd.	Amount	TIC Comp'd.	Amount	TIC Comp'd.	Amount
Ketone RT 5.52	100	UNK ketone 4.23	5000				
Unk ketone RT 5.80	5000	2-cyclopenten-1-one 6.54	90				
UNK ketone RT 5.84	90	butanoic acid ester 19.63	300				
Cyclic H.C. RT 6.00	100	* RT 29.93	500				
Alkylbenzene 6.06	200						
" 6.33	400						
" 6.92	100						
Cyclic ketone 8.06	70						
ester 21.14	200						
octyl adipate 31.51	400						

* Subs. hexanediodic acid ester

no form TIC-SV for MB-333

Data Validation Checklist
Site Name: Valspar Paint
SDG No.: 93056855
Laboratory: Weston / GC
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VI. Surrogate Spikes

GC/MS

Fraction: VOA (SemiVOA) *(circle one)*

1. Review Raw Data.

YES NO
[X] [ ] Check raw data to verify that the recoveries on the Form II are accurate and within the limits.

2. Evaluate Surrogate Recovery Calculations.

YES NO
[X] [ ] Check that the surrogate spike recoveries were calculated correctly and are free from transcription errors.

3 Evaluate Surrogate Recoveries.

YES NO
a. [X] [ ] Check that reanalyses were performed as required.

b. [X] [ ] Check that surrogate recoveries in blanks met criteria.

4. Evaluate Reanalyses.

YES NO
[X] [ ] Whenever there are two or more analyses for a particular sample, determine which are the best analyses to use. This determination must be performed in conjunction with the evaluation of the internal standard area response criteria. List below the results of the reviewers determinations.

Comments:
X109 - FBP + TPH high % R, X109RE - FBP high % R
X113 - NB2 + FBP high % R, X113RE - FBP high % R
X118RE - TPH high % R

4) Use X105, X108, X109, X113, X116, X117, + X118

Data Validation Checklist
Site Name: Valspar Paint
SDG No.: 93056855
Laboratory: Weston/GC
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VII. Matrix Spikes/Matrix Spike Duplicates

Fraction: VOA (SemiVOA) Pesticide (*circle one*)

1. ***Verify Frequency***

YES NO
[X] [ ] Check that MS and MSD samples were analyzed at the correct frequency.

2. ***Evaluate MS/MSD Criteria.***

YES NO
[X] [ ] Check MS/MSD results for *%R* and *RPD* are within the advisory limits.

3. ***Verify MS/MSD Calculations.***

YES NO
a. [X] [ ] Check raw data and verify that results are calculated correctly and are free from transcription errors.

b. [X] [ ] Check that *%Rs* and *RPDs* were calculated correctly.

4. ***Evaluate Sample Precision.***

YES NO
[X] [ ] Compare *%RSD* results of non-spiked compounds between the original result, MS and MSD.

X101 Compound	Orig. Result	MS Result	MSD Result	%RSD
Phenanthrene	340	280	310	9.7%
Anthracene	58	37	39	26%
Carbazole	48	36	41	14%
Di-n-Butylphthalate	310	350	440	18%
Fluoranthene	570	530	550	3.6%
Benzo(a)anthracene	330	320	~~260~~ 340	3.0%
Chrysene	380	380	~~34~~ 370	1.5%

cont' below

Comments:
X101 MS & MSD - 4-Nitrophenol high %R, Pentachlorophenol high RPD

bis(2-Ethylhexyl)phthalate	760	790	750	2.7%
Benzo(b)fluoranthene	630	530	560	9%
Benzo(k)fluoranthene	130	200	130	26%
Benzo(a)pyrene	380	350	280	15%
Indeno(1,2,3-cd)pyrene	250	230	220	6.5%
Benzo(g,h,i)perylene	210	210	200	2.8%

X. Internal Standards

GC/MS

Fraction: VOA (SemiVOA) (*circle one*)

1. ***Evaluate Raw Data.***

YES NO
[X] [ ] Check raw data and verify that the internal standard retention times and areas reported on the Forms VIII are correct.

2. ***Verify RT and IS Area Criteria.***

YES NO
[X] [ ] Check that retention times and internal standard area meet the appropriate criteria.

3. ***Evaluate Reanalyses.***

YES NO
[X] [ ] Whenever there are two or more analyses for a particular sample, determine which are the best analyses to use. This determination must be performed in conjunction with the evaluation of the surrogate spike recovery criteria. List the results of the reviewers determinations in Section VI., Surrogate Spikes.

Comments:
X105, X105RE, X108, X108RE, X109, X109RE, X116, X116RE, X117, X117RE, X118, X118RE, X118DL, - Perylene d_{12} low area

XI. Target Compound Identification

GC/MS

Fraction: VOA SemiVOA (circle one)

1. ***Verify Relative Retention Time (RRT) Criteria.***

YES	NO	
[X]	[ ]	Check that the RRT of reported compounds is within the criteria.

2. ***Evaluate Target Compound Spectra.***

YES	NO	
[X]	[ ]	Check the sample target compound spectra against the laboratory standard spectra; verify that the specified criteria are met.

3. ***Evaluate Possible Carryover.***

YES	NO	
[X]	[ ]	Check the raw data of the samples as related to the samples analyzed previously to verify that sample carryover has not adversely affected results.

4. ***Evaluate Chromatograms.***

YES	NO	
[X]	[ ]	Check the sample chromatograms to verify that peaks are accounted for.

Comments: None

XII. Compound Quantitation and Reported CRQLs

Fraction: VOA (SemiVOA) Pesticide *(circle one)*

1. ***Evaluate Quantitation of Sample Results.***

YES	NO	
[X]	[ ]	Check raw data to verify calculation of sample results.

2. ***Evaluate Quantitation Parameters.***

YES	NO	N/A	
[X]	[ ]	[ ]	For GC/MS analyses, check that the correct internal standard, quantitation ion, and *RRF* were used to quantitate results. Verify that the same internal standard, quantitation ion, and *RRF* are used throughout, in both the calibration and as well as the quantitation process.

3. ***Evaluate CRQLs.***

YES	NO	
[X]	[ ]	Check that the CRQLs have been adjusted to reflect all sample dilutions, concentrations, splits, cleanup activities, and dry weight factors.

Comments: None

XIII. Tentatively Identified Compounds

GC/MS Only

Fraction: VOA SemiVOA (*circle one*)

1. ***Evaluate Tentative Identifications.***

YES	NO	
[X]	[ ]	Check that all TICs reported meet the identification guidelines.

2. ***Evaluate Raw Data.***

YES	NO	
[X]	[ ]	Check raw data to verify that the laboratory has generated a library search for all required peaks in the chromatograms for samples and blanks.

3. ***Evaluate Blanks.***

YES	NO	
[X]	[ ]	Check blank sample chromatograms to verify that TIC peaks present in samples are not found in blanks.

4. ***Examine Mass Spectra.***

YES	NO	
[X]	[ ]	Check all mass spectra for every sample.

5. ***Evaluate TIC Identifications.***

YES	NO	
[X]	[ ]	Since TIC library searches often yield several candidate compounds, all reasonable choices must be considered.

6. ***Evaluate Laboratory Artifacts and Contaminants.***

YES	NO	
[X]	[ ]	Check sample results and raw data to verify that common laboratory artifacts and contaminants are not reported as sample contaminants.

XIII. TICs continued

7. ***Evaluate Possibility of False Negatives.***

	YES	NO	N/A	
a.	[X]	[ ]	[ ]	Check to determine if target compounds have been identified and quantitated as TICs.
b.	[ ]	[ ]	[X]	If target compounds have been identified and quantitated as TICs, check to determine whether the false negative is an isolated occurrence or whether additional data may be affected. Comment on all such false negatives below.

8. ***Determine That Results Are From Proper Fraction.***

YES	NO	N/A	
[X]	[ ]	[ ]	Target compounds could be identified in more than one fraction; if this occurs, check that quantitation is from the proper fraction.

9. ***Verify That Internal Standards And Surrogates Are Not Searched.***

YES	NO	
[X]	[ ]	Check that library searches were not performed on internal standards or surrogates.

10. ***Verify Estimated Quantitation of TICs.***

YES	NO	
[X]	[ ]	Check that the estimated concentration of the TICs was made using an assumed *RRF* of one.

Comments: None

XIV. GC/MS System Performance

Fraction: VOA SemiVOA (*circle one*)

1. ***Evaluate Overall System Performance.***

	YES	NO	
a.	[X]	[ ]	Check for high RIC background levels or shifts in absolute retention times of internal standards.
b.	[X]	[ ]	Check for excessive baseline rise at elevated temperature.
c.	[X]	[ ]	Check for extraneous peaks.
d.	[X]	[ ]	Check for loss of resolution.
e.	[X]	[ ]	Check for peak tailing or peak splitting that may result in inaccurate quantitation.

Comments: None.

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 9305G855
Laboratory: Weston/GC
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II. Pesticide Instrument Performance Check

1. ***Resolution Check Mixture***

	YES	NO	
a.	[X]	[ ]	Check the Form VIII PEST. to determine that the resolution check mixture(s) was analyzed in the proper sequence.
b.	[X]	[ ]	Check the resolution check mixture data and the Form VI PEST.-4 to verify that the resolution criterion was met.

2. ***Performance Evaluation Mixture***

	YES	NO	
a.	[X]	[ ]	Check the Form VII PEST. to determine that the PEM(s) was analyzed at the proper frequency and position in the initial calibration sequence.
b.	[X]	[ ]	Check the PEM data from the initial and continuing calibrations to verify that the resolution criterion was met.
c.	[X]	[ ]	Check the PEM data from the initial and continuing calibrations and Form VII PEST.-1 to verify that the retention times are within the retention time windows.
d.	[X]	[ ]	Check that the *RPDs* meet the criterion.
e.	[X]	[ ]	Check that the breakdowns for 4,4'-DDT and Endrin meet the criteria.

Comments:
DB-1701 PEM3F - Endrin + combined breakdown high
PEM3G - Endrin breakdown high
PEM3H - Endrin breakdown high (6/27 1006)
PEM 3F,G,+H -> affect samples X108DL, X109DL, X112DL, X117 but no Endrin or breakdown products detected.

Data Validation Checklist
Site Name: Valspar Paints
SDG
No.: 9305G855
Laboratory: Weston/GC
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III. Initial Calibration

PESTICIDES

1. ***Individual Standard Mixtures.***

	YES	NO	
a.	[X]	[ ]	Check the Form VIII PEST to verify that the Individual Standard Mixtures were analyzed at the proper frequency for each GC column and instrument. Check that the proper concentrations were used.
b.	[X]	[ ]	Check the raw data to determine that the midpoint standard is at the proper concentration and verify that the resolution criterion has been met for each midpoint concentration standard.
c.	[X]	[ ]	Check the Individual Standard Mixture data and Form VI PEST.-1 and review the calculated retention time windows for calculation and transcription errors.
d.	[X]	[ ]	Check the Individual Standard Mixture data and Form VI PEST.-2 to verify that the *%RSDs* for the calibration factors meet the criterion. Check and recalculate several *%RSDs* for errors.

2. ***Multi Component Compounds.***

a.	[X]	[ ]	Check the raw data and the Form VIII PEST. to verify that the Multi-component Standards were analyzed at the proper concentration and frequency for each GC column and instrument.
b.	[X]	[ ]	Check the raw data and Form VI PEST.-3 to verify that at least three peaks were used for calibration and that retention time and calibration factor data are available for each peak.

Comments:
1) DB-1701 Aldrin high RSD } affect all samples
DDE high RSD }

Data Validation Checklist
Site Name: Valspar Paints
SDG
No.: 9305G855
Laboratory: Weston/RC
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IV. Continuing Calibration

PESTICIDES

1. ***Evaluate Continuing Calibration Standards.***

YES NO
[X] [ ] Check the Form VIII PEST to verify that the Instrument Blanks, PEMs, and Individual Standard Mixtures were analyzed at the proper frequency and that no more than 12:00 hours elapsed between calibration brackets in an ongoing analytical sequence.

2. ***Individual Standard Mixtures Resolution.***

YES NO
[X] [ ] Check the data for the midpoint concentration of the Individual Standard Mixtures to verify that the resolution criteria was met.

3. ***Individual Standard Mixtures Retention Times***

YES NO
[X] [ ] Check the data for each of the single component pesticides and surrogates in the midpoint concentration of the Individual Standard Mixtures to verify that the retention times are within the appropriate windows.

4. ***Evaluate Continuing Calibration RPDs.***

YES NO
[X] [ ] Check the data for the midpoint concentration of the Individual Standard Mixtures and Form VII PEST.-2 to verify that the *RPDs* between the calculated amount and the true amount for each of the pesticides and surrogates meet the criterion.

Comments:
Ind BM4H (DB608) TCX high RPD - no qualification required
Ind AM4F (DB1701) Endrin high RPD - no qual. required - PEM3H OK
Ind BM4F (DB1701) DDE, a-Chlordane, g-Chlordane, TCX + DCB high RPD - affects samples X105, X110, X111, X113, X117DL
Ind AM4H (DB-1701) TCX high RPD - no qualifications required
Ind BM4H (DB-1701) Endrin ketone .02 outside RT window - affects samples X109, X106, X112, X116DL, X115, X118, X114, X118DL, X116, X101, X102, X103, X104, X107, X108
Ind AM4I (DB1701) TCX high RPD - no qualification required

Data Validation Checklist
Site Name: Valspar Paints
SDG No.: 9305G855
Laboratory: Weston/RC
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V. Blanks

Fraction: VOA SemiVOA Pest. (*circle one*)

1. ***Review Blank Results.***

YES NO
[X] [ ] Check all associated blanks for the presence of TCL compounds or TICs. Note all contaminated blanks and associated samples below.

2. ***Verify Blank Frequency.***

YES NO
[X] [ ] Check that blank analyses have been performed at the required frequency.

Blank Summary

Blank Sample No.	PBLKDD			
Date Anal. or Extr.	5/22/93			
Instrument	15 + 16			

TCL Comp'd.	Amount	TCL Comp'd.	Amount	TCL Comp'd.	Amount	TCL Comp'd.	Amount

TIC Comp'd.	Amount	TIC Comp'd.	Amount	TIC Comp'd.	Amount	TIC Comp'd.	Amount
NA							

Instrument blanks O.K.

VI. Surrogate Spikes

Pesticides

1. *Review Raw Data.*

YES	NO	
[X]	[ ]	Check raw data to verify that the recoveries on the Form II are accurate and within the limits.

2. *Evaluate Surrogate Recovery Calculations.*

YES	NO	
[X]	[ ]	Check that the surrogate spike recoveries were calculated correctly and are free from transcription errors.

3 *Evaluate Possible Interferences.*

YES	NO	N/A	
[X]	[ ]	[ ]	If surrogate spike recoveries are not acceptable, check the raw data for possible interferences which may have effected surrogate recoveries.

4. *Evaluate Retention Times.*

YES	NO	N/A	
[X]	[ ]	[ ]	If retention time limits are not met, check the raw data for possible misidentification of GC peaks.

5. *Evaluate Any Low Recoveries.*

YES	NO	N/A	
[ ]	[ ]	[X]	If low surrogate recoveries are observed, check whether low recoveries are due to sample dilution.

6. *Evaluate Surrogate Analyses in Blanks.*

YES	NO	
[X]	[ ]	Check that all surrogate analysis criteria (retention time and advisory recovery criteria) were met in all blank samples.

Comments:
X103 - DCB (608) high %R, X112 - DCB (1701) high %R, X112DL - DCB (both col) high %R, X116 - both surr, both col high %R, X118 - DCB (608) high %R, X118DL - both surr, both col high %R

VII. Matrix Spikes/Matrix Spike Duplicates

Fraction: VOA SemiVOA (Pesticide) *(circle one)*

1. ***Verify Frequency***

YES	NO	
[X]	[ ]	Check that MS and MSD samples were analyzed at the correct frequency.

2. ***Evaluate MS/MSD Criteria.***

YES	NO	
[X]	[ ]	Check MS/MSD results for *%R* and *RPD* are within the advisory limits.

3. ***Verify MS/MSD Calculations.***

	YES	NO	
a.	[X]	[ ]	Check raw data and verify that results are calculated correctly and are free from transcription errors.
b.	[X]	[ ]	Check that *%Rs* and *RPDs* were calculated correctly.

4. ***Evaluate Sample Precision.***

YES	NO	
[X]	[ ]	Compare *%RSD* results of non-spiked compounds between the original result, MS and MSD.

X101 Compound	Orig. Result	MS Result	MSD Result	%RSD
DDE	27	31	38	17%
DDD	3.5	5.0	5.4	22%

Comments:

X. Pesticide Cleanup Checks

1. ***Florisil Cartridge Check.***

	YES	NO	
a.	[X]	[ ]	Check the data from the Florisil cartridge solution analyses and the Form IX PEST.-1 and check some of the *%R* calculations; verify that there are no calculation or transcription errors.
b.	[X]	[ ]	Check all criteria have been met.

2. ***Gel Permeation Chromatography.***

	YES	NO	
a.	[X]	[ ]	Check the data from the GPC calibration check analyses and the Form IX PEST.-2 and recalculate some of the *%R* results; verify that there are no calculation or transcription errors.
b.	[X]	[ ]	Check all criteria have been met and that Arochlor patterns are similar to those of previous standards.

Comments:
Florisil cartridge check - OK

GPC calibration check - OK

XI. Target Compound Identification

Pesticides

1. ***Evaluate Reported Results.***

	YES	NO	
a.	[X]	[ ]	Check the Form I PEST., the associated raw data, and Form X PEST.-1 and Form X PEST.-2 to confirm reported detected analytes.
b.	[X]	[ ]	Check the Form I PEST., the associated raw data, and Form X PEST.-1 and Form X PEST.-2 to confirm reported non-detects.
c.	[X]	[ ]	Check the associated blank data for potential interferences to evaluate sample data for false positives.
d.	[X]	[ ]	Check the calibration data for adequate retention time windows to evaluate the sample data for false positives and false negatives.

2. ***Evaluate Multi-Component Analyte Results.***

YES	NO	
[X]	[ ]	Compare the retention times and relative peak height ratios of major multi-component analyte peaks against appropriate standard chromatograms.

3. ***Verify GC/MS Confirmations if Applicable.***

YES	NO	N/A	
[X]	[ ]	[ ]	Check that GC/MS confirmation was performed for pesticide concentrations in the final sample extract which exceeded 10 ng/ul.

Comments: None.

XII. Compound Quantitation and Reported CRQLs

Fraction: VOA SemiVOA Pesticide (*circle one*)

1. ***Evaluate Quantitation of Sample Results.***

YES	NO	
[X]	[ ]	Check raw data to verify calculation of sample results.

2. ***Evaluate Quantitation Parameters.***

YES	NO	N/A	
[ ]	[ ]	[X]	For GC/MS analyses, check that the correct internal standard, quantitation ion, and *RRF* were used to quantitate results. Verify that the same internal standard, quantitation ion, and *RRF* are used throughout, in both the calibration and as well as the quantitation process.

3. ***Evaluate CRQLs.***

YES	NO	
[X]	[ ]	Check that the CRQLs have been adjusted to reflect all sample dilutions, concentrations, splits, cleanup activities, and dry weight factors.

Comments: None.

XV. Overall Assessment of Data

Evaluate the Overall Quality of the Data.

YES	NO	
[X]	[ ]	Evaluate any technical problems which have not been previously addressed.
[X]	[ ]	Review all available materials to assess the overall quality of the dada, keeping in mind the additive nature of analytical problems.
[X]	[ ]	If appropriate information is available, assess the usability of the data to assist the data user in avoiding inappropriate use of the data. Review all available information, including the QAPjP, SAP, and communications with the data user that concerns the intended use of the data.

Provide a brief narrative to give the data user an indication of the analytical limitations of the data. Include any details from the above checks. Any inconsistency of the data with the Case Narrative should be noted. If sufficient information is available, the reviewer should give an assessment of the usability of the data within the given context.

Data are useable as qualified on the Forms 1.

AHudd

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT
-001	Valspar X101	% Solids	84.9		%	0.10
		Cyanide, Total	5.4	u	MG/KG	5.4
		Sulfide	9.8	u	MG/KG	9.8 R
		Sulfate	93.4		MG/KG	58.3

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-001

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _84.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	9340			P	
7440-36-0	Antimony_	7.0	U	N	P	
7440-38-2	Arsenic__	16.1		SN*	F	
7440-39-3	Barium___	91.6			P	
7440-41-7	Beryllium	0.67	U		P	
7440-43-9	Cadmium__	2.0			P	
7440-70-2	Calcium__	19700			P	
7440-47-3	Chromium_	35.0			P	
7440-48-4	Cobalt___	10.5			P	
7440-50-8	Copper___	57.5			P	
7439-89-6	Iron_____	20600			P	
7439-92-1	Lead_____	146		*	P	
7439-95-4	Magnesium	10400			P	
7439-96-5	Manganese	670			P	
7439-97-6	Mercury__	0.15			CV	
7440-02-0	Nickel___	28.6			P	
7440-09-7	Potassium	1230			P	
7782-49-2	Selenium_	0.82	B		F	
7440-22-4	Silver___	0.98	U		P	
7440-23-5	Sodium___	68.4	B		P	
7440-28-0	Thallium_	0.38	U	W	F	
7440-62-2	Vanadium_	24.3			P	
7440-66-6	Zinc_____	189			P	
5955-70-0	Cyanide__	5.4	U		C	

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X101

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-001

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE07

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 15 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	12	UJ
74-83-9	Bromomethane	12	UJ
75-01-4	Vinyl Chloride	12	UJ
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	12	UJ
67-64-1	Acetone	12	UJ
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	UJ
75-34-3	1,1-Dichloroethane	12	UJ
540-59-0	1,2-Dichloroethene (total)	12	UJ
67-66-3	Chloroform	9	J
107-06-2	1,2-Dichloroethane	5	J
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	12	UJ
56-23-5	Carbon Tetrachloride	12	UJ
75-27-4	Bromodichloromethane	12	UJ
78-87-5	1,2-Dichloropropane	12	UJ
10061-01-5	cis-1,3-Dichloropropene	12	UJ
79-01-6	Trichloroethene	12	UJ
124-48-1	Dibromochloromethane	12	UJ
79-00-5	1,1,2-Trichloroethane	6	J
71-43-2	Benzene	12	UJ
10061-02-6	Trans-1,3-Dichloropropene	12	UJ
75-25-2	Bromoform	12	UJ
108-10-1	4-Methyl-2-pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	UJ
79-34-5	1,1,2,2-Tetrachloroethane	12	UJ
108-88-3	Toluene	12	UJ
108-90-7	Chlorobenzene	12	UJ
100-41-4	Ethylbenzene	12	UJ
100-42-5	Styrene	12	UJ
1330-20-7	Xylene (total)	12	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X101

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-001

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE07

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 15 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X101

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-001

Sample wt/vol: 30.2 (g/mL) G Lab File ID: D8EK63

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/22/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

JJ 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X101

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-001

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: DBEK63

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	UJ
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	UJ
85-01-8	Phenanthrene	340	J
120-12-7	Anthracene	58	J
86-74-8	Carbazole	48	J
84-74-2	Di-n-Butylphthalate	390 ~~310~~	~~JB~~ U
206-44-0	Fluoranthene	570	
129-00-0	Pyrene	560	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	330	J
218-01-9	Chrysene	380	J
117-81-7	bis(2-Ethylhexyl)phthalate	760	
117-84-0	Di-n-Octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	630	
207-08-9	Benzo(k)fluoranthene	130	J
50-32-8	Benzo(a)pyrene	380	J
193-39-5	Indeno(1,2,3-cd)pyrene	250	J
53-70-3	Dibenzo(a,h)anthracene	390	UJ
191-24-2	Benzo(g,h,i)perylene	210	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2 3/90

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X101

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-001

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: DBEK63

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

7-7-93

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN KETONE	5.85	7000	~~JB~~U	am
2.	UNKNOWN	9.33	100	J	
3.	ESTER (C16H3004)	21.19	300	~~JB~~U	am
4.	UNKNOWN HYDROCARBON	22.90	200	J	
5. 57103	HEXADECANOIC ACID	26.55	100	JN	JK 7-13-93
6.	UNKNOWN HYDROCARBON	26.98	100	J	
7.	DIOCTYL ADIPATE	31.55	300	~~JB~~U	am
8.	UNKNOWN ALDEHYDE	34.13	500	J	
9.	UNKNOWN HYDROCARBON	33.75	300	J	
10.	UNKNOWN HYDROCARBON	30.59	100	J	
11.	UNKNOWN	32.03	400	J	
12.	UNKNOWN HYDROCARBON	34.76	1000	J	
13.	UNKNOWN ALDEHYDE	36.39	800	J	
14.	UNKNOWN	36.98	200	J	
15.	UNKNOWN HYDROCARBON	37.17	1000	J	
16.	BENZO-PYRENE ISOMER	37.25	900	J	
17.	UNKNOWN ALDEHYDE	39.99	200	J	
18.	UNKNOWN HYDROCARBON	40.46	2000	J	
19.	UNKNOWN AROM. HYDROCARBON	43.97	6000	J	
20.	UNKNOWN AROM. HYDROCARBON	44.52	1000	J	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X101

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-001

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 06259315.20

% Moisture: 15 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	UJ
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	27	J
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.5	P
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	15	P
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-002	Valspar X102	% Solids	86.5		%	0.10	
		Cyanide, Total	5.8	u	MG/KG	5.8	
		Sulfide	9.6	u	MG/KG	9.6	R
		Sulfate	82.5		MG/KG	57.2	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-002

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _86.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	9240			P_	
7440-36-0	Antimony_	7.6	U	N	P_	J
7440-38-2	Arsenic__	8.8		SN*	F_	J
7440-39-3	Barium___	82.4			P_	
7440-41-7	Beryllium	0.74	B	U	P_	
7440-43-9	Cadmium__	2.3			P_	
7440-70-2	Calcium__	18600			P_	
7440-47-3	Chromium_	31.2			P_	
7440-48-4	Cobalt___	8.3	B		P_	
7440-50-8	Copper___	50.5			P_	
7439-89-6	Iron____	18700			P_	
7439-92-1	Lead____	116		*	P_	
7439-95-4	Magnesium	9610			P_	
7439-96-5	Manganese	577			P_	
7439-97-6	Mercury__	1.8			CV	
7440-02-0	Nickel___	25.4			P_	
7440-09-7	Potassium	1270			P_	
7782-49-2	Selenium_	0.69	B		F_	
7440-22-4	Silver___	1.1	U		P_	
7440-23-5	Sodium___	69.5	B		P_	
7440-28-0	Thallium_	0.31	U		F_	J
7440-62-2	Vanadium_	22.2			P_	
7440-66-6	Zinc____	163			P_	
5955-70-0	Cyanide__	5.8	U		C_	

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X102RE

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: FRZE21

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 13 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	UJ
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	12	UJ
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	7	J
107-06-2	1,2-Dichloroethane	9	J
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	UJ
56-23-5	Carbon Tetrachloride	12	UJ
75-27-4	Bromodichloromethane	12	UJ
78-87-5	1,2-Dichloropropane	12	UJ
10061-01-5	cis-1,3-Dichloropropene	12	UJ
79-01-6	Trichloroethene	12	UJ
124-48-1	Dibromochloromethane	12	UJ
79-00-5	1,1,2-Trichloroethane	19	J
71-43-2	Benzene	12	UJ
10061-02-6	Trans-1,3-Dichloropropene	12	UJ
75-25-2	Bromoform	12	UJ
108-10-1	4-Methyl-2-pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	UJ
79-34-5	1,1,2,2-Tetrachloroethane	12	UJ
108-88-3	Toluene	12	UJ
108-90-7	Chlorobenzene	12	UJ
100-41-4	Ethylbenzene	12	UJ
100-42-5	Styrene	12	UJ
1330-20-7	Xylene (total)	12	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X102RE

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: FRZE21

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 13 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X102

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-002

Sample wt/vol: 30.4 (g/mL) G Lab File ID: DBEK66

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 14 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/22/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X102

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-002

Sample wt/vol: 30.4 (g/mL) G Lab File ID: DBEK66

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 14 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/22/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 JJ 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	UJ
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	950	UJ
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-Butylphthalate	380 ~~310~~	~~JB~~U em
206-44-0	Fluoranthene	490	
129-00-0	Pyrene	490	
85-68-7	Butylbenzylphthalate	45	J
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	290	J
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	690	
117-84-0	Di-n-Octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	510	
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	310	J
193-39-5	Indeno(1,2,3-cd)pyrene	210	J
53-70-3	Dibenzo(a,h)anthracene	380	UJ
191-24-2	Benzo(g,h,i)perylene	210	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X102

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-002

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: D8EK66

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

JJ 7-7-93

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	KETONE (C6H10O)	4.55	100	~~JB~~U	am
2.	UNKNOWN KETONE	5.83	6000	~~JB~~U	am
3.	HYDROCARBON (C15H32)	19.76	100	J	
4.	ESTER (C16H3OO4)	21.19	200	~~JB~~U	am
5.	HYDROCARBON (C16H34)	22.93	200	J	
6. 57103	HEXADECANOIC ACID	26.55	80	JN	JK 7-13-93
7.	UNKNOWN HYDROCARBON	30.59	90	J	
8.	UNKNOWN HYDROCARBON	31.70	100	J	
9.	UNKNOWN HYDROCARBON	32.77	400	J	
10.	UNKNOWN HYDROCARBON	33.78	100	J	
11.	UNKNOWN HYDROCARBON	34.79	400	J	
12.	UNKNOWN HYDROCARBON	35.90	100	J	
13.	UNKNOWN ALDEHYDE	36.42	500	J	
14.	UNKNOWN	36.99	200	J	
15.	UNKNOWN HYDROCARBON	37.20	900	J	
16.	BENZO-PYRENE ISOMER	37.28	400	J	
17.	UNKNOWN HYDROCARBON	40.49	1000	J	
18.	UNKNOWN AROM. HYDROCARBON	44.00	5000	J	
19.	UNKNOWN AROM. HYDROCARBON	44.57	1000	J	
20.	UNKNOWN HYDROCARBON	45.25	600	J	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X102

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-002

Sample wt/vol: 30.7 (g/mL) G Lab File ID: 06259315.23

% Moisture: 14 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	UJ
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	21	J
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	13	P
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	87	P
11096-82-5	Aroclor-1260	38	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 93050355

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-003	Valspar X103	% Solids	88.6		%	0.10	
		Cyanide, Total	5.1	u	MG/KG	5.1	
		Sulfide	9.2	u	MG/KG	9.2	R
		Sulfate	342		MG/KG	55.3	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-003

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _88.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	2760	_		P_	
7440-36-0	Antimony_	7.1	U	N	P_	J
7440-38-2	Arsenic__	2.7	_	N*	F_	J
7440-39-3	Barium___	38.7	B		P_	
7440-41-7	Beryllium	0.28	~~B~~ U		P_	
7440-43-9	Cadmium__	0.61	U		P_	
7440-70-2	Calcium__	71400	_		P_	
7440-47-3	Chromium_	8.5	_		P_	
7440-48-4	Cobalt___	4.5	B		P_	
7440-50-8	Copper___	16.1	_		P_	
7439-89-6	Iron____	8880	_		P_	
7439-92-1	Lead____	88.1	_	*	P_	
7439-95-4	Magnesium	33300	_		P_	
7439-96-5	Manganese	408	_		P_	
7439-97-6	Mercury__	2.7	_		CV	
7440-02-0	Nickel___	7.7	B		P_	
7440-09-7	Potassium	455	B		P_	
7782-49-2	Selenium_	0.26	U		F_	
7440-22-4	Silver___	1.0	U		P_	
7440-23-5	Sodium___	155	B		P_	
7440-28-0	Thallium_	0.36	U	W	F_	J
7440-62-2	Vanadium_	11.0	_		P_	
7440-66-6	Zinc____	168	_		P_	
5955-70-0	Cyanide__	5.1	U		C_	

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X103

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-003

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE03

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 11 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	UJ
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	~~B~~UJ am
75-15-0	Carbon Disulfide	11	UJ
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	UJ
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	7	J
107-06-2	1,2-Dichloroethane	20	J
78-93-3	2-Butanone	11	UJ
71-55-6	1,1,1-Trichloroethane	11	UJ
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	16	J
71-43-2	Benzene	11	UJ
10061-02-6	Trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	11	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	11	UJ
108-90-7	Chlorobenzene	11	UJ
100-41-4	Ethylbenzene	11	UJ
100-42-5	Styrene	11	UJ
1330-20-7	Xylene (total)	11	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X103

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-003

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE03

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 11 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X103

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-003

Sample wt/vol: 30.7 (g/mL) G

Lab File ID: DBEK67

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 11 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

JJ 7-7-93

GPC Cleanup: (Y/N) Y pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	920	U
83-32-9	Acenaphthene	370	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X103

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-003

Sample wt/vol: 30.7 (g/mL) G Lab File ID: DBEK67

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/22/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 JJ 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	UJ
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	920	UJ
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	70	J
86-74-8	Carbazole	370	U
84-74-2	Di-n-Butylphthalate	370 ~~220~~	~~JB~~U an
206-44-0	Fluoranthene	910	
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	1000	
218-01-9	Chrysene	990	
117-81-7	bis(2-Ethylhexyl)phthalate	82	J
117-84-0	Di-n-Octyl phthalate	370	U
205-99-2	Benzo(b)fluoranthene	2700	
207-08-9	Benzo(k)fluoranthene	570	
50-32-8	Benzo(a)pyrene	1200	
193-39-5	Indeno(1,2,3-cd)pyrene	1000	J
53-70-3	Dibenzo(a,h)anthracene	240	J
191-24-2	Benzo(g,h,i)perylene	930	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X103

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-003

Sample wt/vol: 30.7 (g/mL) G

Lab File ID: DBEK67

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 11 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN KETONE	5.78	6000	~~JB~~U	am
2.	HYDROCARBON (C10H22)	8.12	300	J	
3.	UNSAT. HYDROCARBON (C10H20)	8.67	400	J	
4.	HYDROCARBON (C10H22)	9.73	400	J	
5.	HYDROCARBON (C11H24)	10.26	300	J	
6.	CYCLIC HYDROCARBON (C11H22)	10.85	300	J	
7.	HYDROCARBON (C11H24)	11.18	300	J	
8.	HYDROCARBON (C11H24)	11.42	400	J	
9.	CYCLIC HYDROCARBON (C12H24)	11.65	300	J	
10.	HYDROCARBON (C11H24)	12.10	700	J	
11.	HYDROCARBON (C12H26)	13.28	200	J	
12.	ESTER (C16H3004)	21.16	300	~~JB~~U	am
13.	HYDROCARBON (C19H40)	22.88	300	J	
14. 544638	TETRADECANOIC ACID	23.82	100	JN	JK
15. 57103	HEXEDECANOIC ACID	26.71	2000	JN	7-13-93
16.	UNKNOWN ACID	29.16	2000	J	
17.	UNKNOWN HYDROCARBON	29.44	300	J	
18.	UNKNOWN	30.95	700	J	
19.	UNKNOWN 32.10	~~31.10~~	800	J	am
20.	UNKNOWN	31.21	500	J	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X103

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-003

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 06259315.24

% Moisture: 11 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	UJ
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	2.6	JP
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	4.1	P
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	2.6	JP
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WCRK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-004	Valspar X104	% Solids	74.9		%	0.10	
		Cyanide, Total	5.1	u	MG/KG	5.1	
		Sulfide	11.1	u	MG/KG	11.1	R
		Sulfate	195		MG/KG	64.2	

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-004

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _74.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	18100			P	
7440-36-0	Antimony	8.9	U	N	P	J
7440-38-2	Arsenic	8.0		N*	F	J
7440-39-3	Barium	110			P	
7440-41-7	Beryllium	1.1	~~B~~	J	P	
7440-43-9	Cadmium	0.76	U		P	
7440-70-2	Calcium	8340			P	
7440-47-3	Chromium	36.5			P	
7440-48-4	Cobalt	15.7			P	
7440-50-8	Copper	47.3			P	
7439-89-6	Iron	28900			P	
7439-92-1	Lead	93.6		*	P	
7439-95-4	Magnesium	7600			P	
7439-96-5	Manganese	300			P	
7439-97-6	Mercury	0.27			CV	
7440-02-0	Nickel	46.9			P	
7440-09-7	Potassium	3260			P	
7782-49-2	Selenium	0.32	U		F	
7440-22-4	Silver	1.3	U		P	
7440-23-5	Sodium	2180			P	
7440-28-0	Thallium	0.45	U		F	J
7440-62-2	Vanadium	29.4			P	
7440-66-6	Zinc	174			P	
5955-70-0	Cyanide	5.1	U		C	

Color Before: GREY_____ Clarity Before: _____ Texture: COARSE

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X104

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-004

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE04

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 25 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	13	UJ
74-83-9	Bromomethane	13	UJ
75-01-4	Vinyl Chloride	13	UJ
75-00-3	Chloroethane	13	UJ
75-09-2	Methylene Chloride	13	UJ
67-64-1	Acetone	13	UJ
75-15-0	Carbon Disulfide	13	UJ
75-35-4	1,1-Dichloroethene	13	UJ
75-34-3	1,1-Dichloroethane	13	UJ
540-59-0	1,2-Dichloroethene (total)	13	UJ
67-66-3	Chloroform	13	UJ
107-06-2	1,2-Dichloroethane	13	UJ
78-93-3	2-Butanone	13	UJ
71-55-6	1,1,1-Trichloroethane	13	UJ
56-23-5	Carbon Tetrachloride	13	UJ
75-27-4	Bromodichloromethane	13	UJ
78-87-5	1,2-Dichloropropane	13	UJ
10061-01-5	cis-1,3-Dichloropropene	13	UJ
79-01-6	Trichloroethene	13	UJ
124-48-1	Dibromochloromethane	13	UJ
79-00-5	1,1,2-Trichloroethane	13	UJ
71-43-2	Benzene	13	UJ
10061-02-6	Trans-1,3-Dichloropropene	13	UJ
75-25-2	Bromoform	13	UJ
108-10-1	4-Methyl-2-pentanone	13	UJ
591-78-6	2-Hexanone	13	UJ
127-18-4	Tetrachloroethene	13	UJ
79-34-5	1,1,2,2-Tetrachloroethane	13	UJ
108-88-3	Toluene	13	UJ
108-90-7	Chlorobenzene	13	UJ
100-41-4	Ethylbenzene	13	UJ
100-42-5	Styrene	13	UJ
1330-20-7	Xylene (total)	13	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X104

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-004

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE04

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 25 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X104

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-004

Sample wt/vol: 30.6 (g/mL) G Lab File ID: AAEH61

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~1.0~~ 2.0

GPC Cleanup: (Y/N) Y pH: 7.0 JB 7-2-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	870	U
111-44-4	bis(2-Chloroethyl)ether	870	U
95-57-8	2-Chlorophenol	870	U
541-73-1	1,3-Dichlorobenzene	870	U
106-46-7	1,4-Dichlorobenzene	870	U
95-50-1	1,2-Dichlorobenzene	870	U
95-48-7	2-Methylphenol	870	U
108-60-1	bis(2-Chloroisopropyl)ether	870	U
106-44-5	4-Methylphenol	870	U
621-64-7	N-Nitroso-Di-n-propylamine	870	UJ
67-72-1	Hexachloroethane	870	U
98-95-3	Nitrobenzene	870	U
78-59-1	Isophorone	870	U
88-75-5	2-Nitrophenol	870	U
105-67-9	2,4-Dimethylphenol	870	U
111-91-1	bis(2-Chloroethoxy)methane	870	U
120-83-2	2,4-Dichlorophenol	870	U
120-82-1	1,2,4-Trichlorobenzene	870	U
91-20-3	Naphthalene	870	U
106-47-8	4-Chloroaniline	870	U
87-68-3	Hexachlorobutadiene	870	U
59-50-7	4-Chloro-3-methylphenol	870	U
91-57-6	2-Methylnaphthalene	870	U
77-47-4	Hexachlorocyclopentadiene	870	U
88-06-2	2,4,6-Trichlorophenol	870	U
95-95-4	2,4,5-Trichlorophenol	2200	U
91-58-7	2-Chloronaphthalene	870	U
88-74-4	2-Nitroaniline	2200	U
131-11-3	Dimethylphthalate	870	U
208-96-8	Acenaphthylene	870	U
606-20-2	2,6-Dinitrotoluene	870	U
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	870	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X104

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-004

Sample wt/vol: 30.6 (g/mL) G Lab File ID: AAEH61

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~1.0~~ 2.0

GPC Cleanup: (Y/N) Y pH: 7.0 JJ 07 7 93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	870	U
121-14-2	2,4-Dinitrotoluene	870	U
84-66-2	Diethylphthalate	870	U
7005-72-3	4-Chlorophenyl-phenylether	870	U
86-73-7	Fluorene	870	U
100-01-6	4-Nitroaniline	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	870	U
101-55-3	4-Bromophenyl-phenylether	870	U
118-74-1	Hexachlorobenzene	870	U
87-86-5	Pentachlorophenol	2200	UJ
85-01-8	Phenanthrene	780	J
120-12-7	Anthracene	160	J
86-74-8	Carbazole	110	J
84-74-2	Di-n-Butylphthalate	870 ~~310~~	~~J~~BU am
206-44-0	Fluoranthene	1200	
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	870	U
91-94-1	3,3'-Dichlorobenzidine	870	U
56-55-3	Benzo(a)anthracene	610	J
218-01-9	Chrysene	680	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-Octyl phthalate	870	U
205-99-2	Benzo(b)fluoranthene	950	
207-08-9	Benzo(k)fluoranthene	240	J
50-32-8	Benzo(a)pyrene	610	J
193-39-5	Indeno(1,2,3-cd)pyrene	490	J
53-70-3	Dibenzo(a,h)anthracene	92	J
191-24-2	Benzo(g,h,i)perylene	680	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X104

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-004

Sample wt/vol: 30.6 (g/mL) G Lab File ID: AAEH61

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~1.0~~ 2.0

GPC Cleanup: (Y/N) Y pH: 7.0 7-7-93

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.11	6000	~~JB~~U
2.	BUTANOIC ACID ESTER	19.63	300	~~J~~BU
3.	HYDROCARBON (C16H34)	21.35	400	J
4.	PROMETON	21.98	600	J
5.	HYDROCARBON (C15H32)	24.11	200	J
6.	HEXADECANOIC ACID (C16H3202)	24.93	400	J
7.	UNKNOWN	26.26	500	J
8.	UNKNOWN	27.66	400	J
9.	UNKNOWN HYDROCARBON	28.97	300	J
10.	UNKNOWN ACID	29.92	300	J
11.	UNKNOWN HYDROCARBON	30.06	300	J
12.	UNKNOWN HYDROCARBON	31.11	300	J
13.	UNKNOWN HYDROCARBON	32.12	300	J
14.	UNKNOWN HYDROCARBON	33.09	500	J
15.	UNKNOWN HYDROCARBON	34.04	500	J
16.	BENZO(A)PYRENE ISOMER	34.85	500	J
17.	UNKNOWN HYDROCARBON	36.11	300	J
18.	UNKNOWN	37.08	700	J
19.	UNKNOWN	37.31	500	J
20.	UNKNOWN	38.25	800	J

HLH 7-9-93

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X104

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-004

Sample wt/vol: 30.9 (g/mL) G Lab File ID: 06259315.25

% Moisture: 25 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 12500(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	5.4	U
319-85-7	beta-BHC	5.4	U
319-86-8	delta-BHC	5.4	U
58-89-9	gamma-BHC (Lindane)	5.4	U
76-44-8	Heptachlor	5.4	U
309-00-2	Aldrin	5.4	UJ
1024-57-3	Heptachlor epoxide	5.4	U
959-98-8	Endosulfan I	5.4	U
60-57-1	Dieldrin	11	U
72-55-9	4,4'-DDE	11	UJ
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4'-DDD	11	U
1031-07-8	Endosulfan sulfate	11	U
50-29-3	4,4'-DDT	27	P
72-43-5	Methoxychlor	54	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	5.4	U
5103-74-2	gamma-Chlordane	5.4	U
8001-35-2	Toxaphene	540	U
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G355

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-005	Valspar X105	% Solids	87.7		%	0.10	
		Cyanide, Total	5.7	u	MG/KG	5.7	
		Sulfide	9.3	u	MG/KG	9.3	R
		Sulfate	123		MG/KG	55.4	

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-005

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _87.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	6930			P_	
7440-36-0	Antimony_	7.7	U	N	P_	J
7440-38-2	Arsenic__	7.2		SN*	F_	J
7440-39-3	Barium___	658			P_	
7440-41-7	Beryllium	0.83	B	U	P_	
7440-43-9	Cadmium__	1.0	B		P_	
7440-70-2	Calcium__	64600			P_	
7440-47-3	Chromium_	33.4			P_	
7440-48-4	Cobalt___	8.1	B		P_	
7440-50-8	Copper___	59.2			P_	
7439-89-6	Iron____	18600			P_	
7439-92-1	Lead____	622		*	P_	
7439-95-4	Magnesium	25300			P_	
7439-96-5	Manganese	282			P_	
7439-97-6	Mercury__	0.30			CV	
7440-02-0	Nickel___	20.2		P		
7440-09-7	Potassium	1030	B		P_	
7782-49-2	Selenium_	0.29	B	W	F_	J
7440-22-4	Silver___	1.1	U		P_	
7440-23-5	Sodium___	299	B		P_	
7440-28-0	Thallium_	0.35	U	W	F_	J
7440-62-2	Vanadium_	20.0			P_	
7440-66-6	Zinc____	555			P_	
5955-70-0	Cyanide__	5.7	U		C_	

Color Before: BLACK____ Clarity Before: _____ Texture: COARSE

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X105

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-005

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE05

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 12 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	UJ
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	~~B~~UJ am
75-15-0	Carbon Disulfide	11	UJ
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	UJ
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	10	J
107-06-2	1,2-Dichloroethane	16	J
78-93-3	2-Butanone	11	UJ
71-55-6	1,1,1-Trichloroethane	11	UJ
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	7	J
71-43-2	Benzene	11	UJ
10061-02-6	Trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	11	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	11	UJ
108-90-7	Chlorobenzene	11	UJ
100-41-4	Ethylbenzene	11	UJ
100-42-5	Styrene	11	UJ
1330-20-7	Xylene (total)	11	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X105

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-005

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE05

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 12 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X105

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-005

Sample wt/vol: 30.9 (g/mL) G Lab File ID: DBEK68

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/22/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	150	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	110	J
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	97	J
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	920	U
83-32-9	Acenaphthene	370	U

IC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X105

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-005

Sample wt/vol: 30.9 (g/mL) G Lab File ID: DBEK68

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/22/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	UJ
132-64-9	Dibenzofuran	120	J
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	920	UJ
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	140	J
86-74-8	Carbazole	370	U
84-74-2	Di-n-Butylphthalate	370 ~~350~~	~~JB~~U am
206-44-0	Fluoranthene	1100	
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	1200	
218-01-9	Chrysene	860	
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-Octyl phthalate	370	UJ
205-99-2	Benzo(b)fluoranthene	2600	J
207-08-9	Benzo(k)fluoranthene	420	J
50-32-8	Benzo(a)pyrene	730	J
193-39-5	Indeno(1,2,3-cd)pyrene	530	J
53-70-3	Dibenzo(a,h)anthracene	160	J
191-24-2	Benzo(g,h,i)perylene	390	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2 3/90

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X105

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-005

Sample wt/vol: 30.9 (g/mL) G

Lab File ID: DBEK68

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UKNOWN KETONE	6.01	9000	~~JB~~U	am
2.	ALKYLBENZENE (C8H10)	6.24	1000	~~JB~~U	am
3.	ALKYLBENZENE (C8H10)	6.54	6000	J~~B~~	am
4.	ETHER (C8H180)	6.83	2000	J	
5.	ALKYLBENZENE (C8H10)	7.11	4000	J~~B~~	am
6.	UNKNOWN	7.18	1000	J	
7.	ALKYLBENZENE (C9H12)	8.83	2000	J	
8.	ALKYLBENZENE (C9H12)	9.09	3000	J	
9.	ALKYLBENZENE (C9H12)	9.27	900	J	
10.	ALKYLBENZENE (C9H12)	9.70	2000	J	
11.	HYDROCARBON (C11H24)	9.80	1000	J	
12.	C9-BENZENE + C11-HYDROCARBON	10.33	1000	J	
13.	HYDROCARBON (C12H26)	11.21	1000	J	
14.	HYDROCARBON (C11H24)	11.33	900	J	
15.	HYDROCARBON (C11H24)	11.46	1000	J	
16.	CYCLIC HYDROCARBON (C12H24)	11.68	1000	J	
17.	HYDROCARBON (C12H26)	12.15	1000	J	
18.	ALKYLBENZENE (C10H14)	13.29	400	J	
19.	HYDROCARBON (C12H26)	14.25	500	J	
20.	UNKNOWN HYDROCARBON	22.91	800	J	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X105

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-005

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 06259315.29

% Moisture: 12 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/27/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	UJ
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	7.6	J
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.4	JP
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	4.5	P
50-29-3	4,4'-DDT	3.0	JP
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	UJ
5103-74-2	gamma-Chlordane	1.9	UJ
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-006	Valspar X106	% Solids	97.5		%	0.10	
		Cyanide, Total	5.1	u	MG/KG	5.1	
		Sulfide	8.5	u	MG/KG	8.5	R
		Sulfate	171		MG/KG	51.3	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-006

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _97.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	7780	_		P_	
7440-36-0	Antimony_	8.7	B	N	P_	J
7440-38-2	Arsenic__	6.6	_	SN*	F_	J
7440-39-3	Barium___	1660	_		P_	
7440-41-7	Beryllium	0.32	~~B~~	U	P_	
7440-43-9	Cadmium__	14.4	_		P_	
7440-70-2	Calcium__	65500	_		P_	
7440-47-3	Chromium_	211	_		P_	
7440-48-4	Cobalt___	38.6	_		P_	
7440-50-8	Copper___	310	_		P_	
7439-89-6	Iron____	29600	_		P_	
7439-92-1	Lead____	6930	_	*	P_	
7439-95-4	Magnesium	34700	_		P_	
7439-96-5	Manganese	634	_		P_	
7439-97-6	Mercury__	2.0	_		CV	
7440-02-0	Nickel___	38.1	_		P_	
7440-09-7	Potassium	1000	_		P_	
7782-49-2	Selenium_	0.42	B	W	F_	J
7440-22-4	Silver___	1.9	B		P_	
7440-23-5	Sodium___	471	B		P_	
7440-28-0	Thallium_	1.6	U	W	F_	J
7440-62-2	Vanadium_	20.8	_		P_	
7440-66-6	Zinc____	2370	_		P_	
5955-70-0	Cyanide__	5.1	U		C_	

Color Before: GREY_____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X106

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-006

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE01

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 3 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	10	UJ
74-83-9	Bromomethane	10	UJ
75-01-4	Vinyl Chloride	10	UJ
75-00-3	Chloroethane	10	UJ
75-09-2	Methylene Chloride	10	UJ
67-64-1	Acetone	30	~~B~~UJ an
75-15-0	Carbon Disulfide	10	UJ
75-35-4	1,1-Dichloroethene	10	UJ
75-34-3	1,1-Dichloroethane	10	UJ
540-59-0	1,2-Dichloroethene (total)	10	UJ
67-66-3	Chloroform	5	J
107-06-2	1,2-Dichloroethane	8	J
78-93-3	2-Butanone	10	UJ
71-55-6	1,1,1-Trichloroethane	10	UJ
56-23-5	Carbon Tetrachloride	10	UJ
75-27-4	Bromodichloromethane	10	UJ
78-87-5	1,2-Dichloropropane	10	UJ
10061-01-5	cis-1,3-Dichloropropene	10	UJ
79-01-6	Trichloroethene	10	UJ
124-48-1	Dibromochloromethane	10	UJ
79-00-5	1,1,2-Trichloroethane	10	UJ
71-43-2	Benzene	10	UJ
10061-02-6	Trans-1,3-Dichloropropene	10	UJ
75-25-2	Bromoform	10	UJ
108-10-1	4-Methyl-2-pentanone	10	UJ
591-78-6	2-Hexanone	10	UJ
127-18-4	Tetrachloroethene	10	UJ
79-34-5	1,1,2,2-Tetrachloroethane	10	UJ
108-88-3	Toluene	10	UJ
108-90-7	Chlorobenzene	10	UJ
100-41-4	Ethylbenzene	10	UJ
100-42-5	Styrene	10	UJ
1330-20-7	Xylene (total)	10	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X106

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-006

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE01

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 3 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X106

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-006

Sample wt/vol: 30.3 (g/mL) G Lab File ID: AAEH62

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 3 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 5000 (uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) JJ 7-9-93 Dilution Factor: ~~5.0~~ ~~10~~ 1.0 JJ 7-9-9

GPC Cleanup: (Y/N) Y pH: 7.0 JJ 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	3400	U
111-44-4	bis(2-Chloroethyl)ether	3400	U
95-57-8	2-Chlorophenol	3400	U
541-73-1	1,3-Dichlorobenzene	3400	U
106-46-7	1,4-Dichlorobenzene	3400	U
95-50-1	1,2-Dichlorobenzene	3400	U
95-48-7	2-Methylphenol	3400	U
108-60-1	bis(2-Chloroisopropyl)ether	3400	U
106-44-5	4-Methylphenol	3400	U
621-64-7	N-Nitroso-Di-n-propylamine	3400	UJ
67-72-1	Hexachloroethane	3400	U
98-95-3	Nitrobenzene	3400	U
78-59-1	Isophorone	3400	U
88-75-5	2-Nitrophenol	3400	U
105-67-9	2,4-Dimethylphenol	3400	U
111-91-1	bis(2-Chloroethoxy)methane	3400	U
120-83-2	2,4-Dichlorophenol	3400	U
120-82-1	1,2,4-Trichlorobenzene	3400	U
91-20-3	Naphthalene	930	J
106-47-8	4-Chloroaniline	3400	U
87-68-3	Hexachlorobutadiene	3400	U
59-50-7	4-Chloro-3-methylphenol	3400	U
91-57-6	2-Methylnaphthalene	670	J
77-47-4	Hexachlorocyclopentadiene	3400	U
88-06-2	2,4,6-Trichlorophenol	3400	U
95-95-4	2,4,5-Trichlorophenol	8500	U
91-58-7	2-Chloronaphthalene	3400	U
88-74-4	2-Nitroaniline	8500	U
131-11-3	Dimethylphthalate	3400	U
208-96-8	Acenaphthylene	3400	U
606-20-2	2,6-Dinitrotoluene	3400	U
99-09-2	3-Nitroaniline	8500	U
83-32-9	Acenaphthene	2000	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X106

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-006

Sample wt/vol: 30.3 (g/mL) G Lab File ID: AAEH62

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 3 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500(uL)~~ 5000 Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) JJH 7-9-93 Dilution Factor: ~~5.0~~ ~~10.0~~ 1.0 JJH 7-9-93

GPC Cleanup: (Y/N) Y pH: 7.0 JJ 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	8500	U
100-02-7	4-Nitrophenol	8500	U
132-64-9	Dibenzofuran	1200	J
121-14-2	2,4-Dinitrotoluene	3400	U
84-66-2	Diethylphthalate	3400	U
7005-72-3	4-Chlorophenyl-phenylether	3400	U
86-73-7	Fluorene	2100	J
100-01-6	4-Nitroaniline	8500	U
534-52-1	4,6-Dinitro-2-methylphenol	8500	U
86-30-6	N-Nitrosodiphenylamine (1)	3400	U
101-55-3	4-Bromophenyl-phenylether	3400	U
118-74-1	Hexachlorobenzene	3400	U
87-86-5	Pentachlorophenol	8500	UJ
85-01-8	Phenanthrene	22000	
120-12-7	Anthracene	2600	J
86-74-8	Carbazole	3200	J
84-74-2	Di-n-Butylphthalate	3400 ~~2100~~	JBU am
206-44-0	Fluoranthene		E
129-00-0	Pyrene		E
85-68-7	Butylbenzylphthalate	1600	J
91-94-1	3,3'-Dichlorobenzidine	3400	U
56-55-3	Benzo(a)anthracene	17000	
218-01-9	Chrysene	13000	
117-81-7	bis(2-Ethylhexyl)phthalate	9900	
117-84-0	Di-n-Octyl phthalate	3400	U
205-99-2	Benzo(b)fluoranthene	20000	
207-08-9	Benzo(k)fluoranthene	5900	
50-32-8	Benzo(a)pyrene	11000	
193-39-5	Indeno(1,2,3-cd)pyrene	8400	
53-70-3	Dibenzo(a,h)anthracene	1100	J
191-24-2	Benzo(g,h,i)perylene	6000	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X106

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-006

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: AAEH62

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 3 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 5000 (uL)

Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) DHH 7-9-93

Dilution Factor: ~~5.0~~ ~~10.~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

DH 7-7-93 DHH 7-9-93

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.16	20000	~~J~~BU
2.	ACID ESTER (C10H2002)	16.08	1000	J
3.	METHYLNITROBENZENAMINEISOMER	18.55	1000	J
4.	ACID ESTER (C10H2002)	19.64	1000	~~J~~BU
5.	UNKNOWN HYDROCARBON	21.36	1000	J
6.	UNKNOWN	22.07	1000	J
7.	UNKNOWN	22.26	1000	J
8.	UNKNOWN	24.25	900	J
9.	UNKNOWN	24.54	1000	J
10.	HEXADECANOIC ACID (C16H3202)	25.03	4000	J
11.	UNKNOWN AROMATIC	25.26	1000	J
12.	ANTHRACENEDIONE ISOMER	25.32	1000	J
13.	UNKNOWN ACID (C20H4002)	27.50	1000	J
14.	UNKNOWN HYDROCARBON	28.99	6000	J
15.	UNKNOWN HYDROCARBON	29.11	4000	J
16.	UNKNOWN ACID + UNKNOWN	32.81	20000	J
17.	BENZO(A)PYRENE ISOMER	34.95	6000	J
18.	UNKNOWN	38.07	10000	J
19.	UNKNOWN	38.26	9000	J
20.	UNKNOWN	41.37	5000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X106DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-006 DL

Sample wt/vol: ~~4.00~~ 30.3 (g/mL) G

Lab File ID: AAEH63

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 3 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500(uL)~~ 5000

Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) DH 7-9-93

Dilution Factor: ~~20~~ ~~40~~ 4.0

GPC Cleanup: (Y/N) Y pH: 7.0

JJ 7-7-93

DH 7-9-

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	NA	
111-44-4	bis(2-Chloroethyl)ether	NA	
95-57-8	2-Chlorophenol	NA	
541-73-1	1,3-Dichlorobenzene	NA	
106-46-7	1,4-Dichlorobenzene	NA	
95-50-1	1,2-Dichlorobenzene	NA	
95-48-7	2-Methylphenol	NA	
108-60-1	bis(2-Chloroisopropyl)ether	NA	
106-44-5	4-Methylphenol	NA	
621-64-7	N-Nitroso-Di-n-propylamine	NA	
67-72-1	Hexachloroethane	NA	
98-95-3	Nitrobenzene	NA	
78-59-1	Isophorone	NA	
88-75-5	2-Nitrophenol	NA	
105-67-9	2,4-Dimethylphenol	NA	
111-91-1	bis(2-Chloroethoxy)methane	NA	
120-83-2	2,4-Dichlorophenol	NA	
120-82-1	1,2,4-Trichlorobenzene	NA	
91-20-3	Naphthalene	NA	
106-47-8	4-Chloroaniline	NA	
87-68-3	Hexachlorobutadiene	NA	
59-50-7	4-Chloro-3-methylphenol	NA	
91-57-6	2-Methylnaphthalene	NA	
77-47-4	Hexachlorocyclopentadiene	NA	
88-06-2	2,4,6-Trichlorophenol	NA	
95-95-4	2,4,5-Trichlorophenol	NA	
91-58-7	2-Chloronaphthalene	NA	
88-74-4	2-Nitroaniline	NA	
131-11-3	Dimethylphthalate	NA	
208-96-8	Acenaphthylene	NA	
606-20-2	2,6-Dinitrotoluene	NA	
99-09-2	3-Nitroaniline	NA	
83-32-9	Acenaphthene	NA	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X106DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-006 DL

Sample wt/vol: ~~4.00~~ 30.3 (g/mL) G

Lab File ID: AAEH63

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 3 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 5000 (uL)

Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) DHH 7-9-93

Dilution Factor: ~~20.~~ ~~40~~ 4.0

GPC Cleanup: (Y/N) Y pH: 7.0

JJ 7-7-93

DHH 7-9-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	NA	
100-02-7	4-Nitrophenol	NA	
132-64-9	Dibenzofuran	NA	
121-14-2	2,4-Dinitrotoluene	NA	
84-66-2	Diethylphthalate	NA	
7005-72-3	4-Chlorophenyl-phenylether	NA	
86-73-7	Fluorene	NA	
100-01-6	4-Nitroaniline	NA	
534-52-1	4,6-Dinitro-2-methylphenol	NA	
86-30-6	N-Nitrosodiphenylamine (1)	NA	
101-55-3	4-Bromophenyl-phenylether	NA	
118-74-1	Hexachlorobenzene	NA	
87-86-5	Pentachlorophenol	NA	
85-01-8	Phenanthrene	NA	
120-12-7	Anthracene	NA	
86-74-8	Carbazole	NA	
84-74-2	Di-n-Butylphthalate	NA	
206-44-0	Fluoranthene	29000	
129-00-0	Pyrene	25000	
85-68-7	Butylbenzylphthalate	NA	
91-94-1	3,3'-Dichlorobenzidine	NA	
56-55-3	Benzo(a)anthracene	NA	
218-01-9	Chrysene	NA	
117-81-7	bis(2-Ethylhexyl)phthalate	NA	
117-84-0	Di-n-Octyl phthalate	NA	
205-99-2	Benzo(b)fluoranthene	NA	
207-08-9	Benzo(k)fluoranthene	NA	
50-32-8	Benzo(a)pyrene	NA	
193-39-5	Indeno(1,2,3-cd)pyrene	NA	
53-70-3	Dibenzo(a,h)anthracene	NA	
191-24-2	Benzo(g,h,i)perylene	NA	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X106DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-006 DL

Sample wt/vol: ~~4.00~~ 30.3 (g/mL) G

Lab File ID: AAEH63

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 3 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500(uL)~~ 5000

Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) DHY 7-9-93

Dilution Factor: ~~20.~~ ~~40~~ 4.0

GPC Cleanup: (Y/N) Y pH: 7.0

JJ 7-7-93 DHY 7-9-

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.12	10000	~~JB~~ U am
2.	UNKNOWN	24.52	4000	J
3.	ANTHRACENEDIONE ISOMER 25.28	~~25.32~~	4000	J am
4.	UNKNOWN ACID	27.41	3000	J
5.	UNKNOWN	27.82	3000	J
6.	UNKNOWN AROMATIC	28.21	5000	J
7.	UNKNOWN AROMATIC	29.84	3000	J
8.	UNKNOWN	30.07	6000	J
9.	UNKNOWN ACID + UNKNOWN	32.77	3000	J
10.	UNKNOWN HYDROCARBON	33.10	3000	J
11.	BENZO(A)PYRENE ISOMER	34.11	20000	J
12.	UNKNOWN	34.33	4000	J
13.	BENZO(A)PYRENE ISOMER	34.85	8000	J
14.	UNKNOWN	37.08	20000	J
15.	UNKNOWN	38.02	5000	J
16.	UNKNOWN	38.23	6000	J
17.	UNKNOWN AROMATIC	39.09	6000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X106

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-006

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 06259315.41

% Moisture: 2 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 50000(uL) Date Analyzed: 06/27/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	17	U
319-85-7	beta-BHC	17	U
319-86-8	delta-BHC	17	U
58-89-9	gamma-BHC (Lindane)	17	U
76-44-8	Heptachlor	17	U
309-00-2	Aldrin	17	UJ
1024-57-3	Heptachlor epoxide	17	U
959-98-8	Endosulfan I	17	U
60-57-1	Dieldrin	34	U
72-55-9	4,4'-DDE	27	JP
72-20-8	Endrin	34	U
33213-65-9	Endosulfan II	34	U
72-54-8	4,4'-DDD	34	U
1031-07-8	Endosulfan sulfate	20	JP
50-29-3	4,4'-DDT	34	U
72-43-5	Methoxychlor	71	JP
53494-70-5	Endrin ketone	34	U
7421-93-4	Endrin aldehyde	34	U
5103-71-9	alpha-Chlordane	17	U
5103-74-2	gamma-Chlordane	17	U
8001-35-2	Toxaphene	1700	U
12674-11-2	Aroclor-1016	340	U
11104-28-2	Aroclor-1221	670	U
11141-16-5	Aroclor-1232	340	U
53469-21-9	Aroclor-1242	340	U
12672-29-6	Aroclor-1248	340	U
11097-69-1	Aroclor-1254	2700	P
11096-82-5	Aroclor-1260	340	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X106DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-006 DL

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 06229315.91

% Moisture: 2 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 50000(uL) Date Analyzed: 06/25/93

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	170	U
319-85-7	beta-BHC	170	U
319-86-8	delta-BHC	170	U
58-89-9	gamma-BHC (Lindane)	170	U
76-44-8	Heptachlor	170	U
309-00-2	Aldrin	170	UJ
1024-57-3	Heptachlor epoxide	170	U
959-98-8	Endosulfan I	170	U
60-57-1	Dieldrin	340	U
72-55-9	4,4'-DDE	64	JPD
72-20-8	Endrin	340	U
33213-65-9	Endosulfan II	340	U
72-54-8	4,4'-DDD	340	U
1031-07-8	Endosulfan sulfate	340	U
50-29-3	4,4'-DDT	340	U
72-43-5	Methoxychlor	1700	U
53494-70-5	Endrin ketone	340	U
7421-93-4	Endrin aldehyde	340	U
5103-71-9	alpha-Chlordane	170	U
5103-74-2	gamma-Chlordane	170	U
8001-35-2	Toxaphene	17000	U
12674-11-2	Aroclor-1016	3400	U
11104-28-2	Aroclor-1221	6700	U
11141-16-5	Aroclor-1232	3400	U
53469-21-9	Aroclor-1242	3400	U
12672-29-6	Aroclor-1248	3400	U
11097-69-1	Aroclor-1254	4200	DPC
11096-82-5	Aroclor-1260	3400	U

Deborah L. Koellert 7/8/93

FORM 1 PEST 3/90

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-C07	Valspar X107	% Solids	84.2		%	0.10	
		Cyanide, Total	5.4	u	MG/KG	5.4	
		Sulfide	9.9	u	MG/KG	9.9	R
		Sulfate	452		MG/KG	59.4	

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-007

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _84.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	6290			P_	
7440-36-0	Antimony_	7.3	U	N	P_	J
7440-38-2	Arsenic__	11.6		SN*	F_	J
7440-39-3	Barium___	605			P_	
7440-41-7	Beryllium	0.74	B	U	P_	
7440-43-9	Cadmium__	2.9			P_	
7440-70-2	Calcium__	31700			P_	
7440-47-3	Chromium_	90.6			P_	
7440-48-4	Cobalt___	14.4			P_	
7440-50-8	Copper___	189			P_	
7439-89-6	Iron____	20000			P_	
7439-92-1	Lead____	1050		*	P_	
7439-95-4	Magnesium	11700			P_	
7439-96-5	Manganese	368			P_	
7439-97-6	Mercury__	0.59			CV	
7440-02-0	Nickel___	23.3			P_	
7440-09-7	Potassium	1210			P_	
7782-49-2	Selenium_	0.37	B		F_	
7440-22-4	Silver___	1.0	U		P_	
7440-23-5	Sodium___	445	B		P_	
7440-28-0	Thallium_	0.30	U	W	F_	J
7440-62-2	Vanadium_	16.9			P_	
7440-66-6	Zinc____	1000			P_	
5955-70-0	Cyanide__	5.4	U		C_	

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X107

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-007

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE06

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 16 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	UJ
74-83-9	Bromomethane	12	UJ
75-01-4	Vinyl Chloride	12	UJ
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	12	UJ
67-64-1	Acetone	20	BUJ am
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	UJ
75-34-3	1,1-Dichloroethane	12	UJ
540-59-0	1,2-Dichloroethene (total)	12	UJ
67-66-3	Chloroform	10	J
107-06-2	1,2-Dichloroethane	22	J
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	12	UJ
56-23-5	Carbon Tetrachloride	12	UJ
75-27-4	Bromodichloromethane	12	UJ
78-87-5	1,2-Dichloropropane	12	UJ
10061-01-5	cis-1,3-Dichloropropene	12	UJ
79-01-6	Trichloroethene	12	UJ
124-48-1	Dibromochloromethane	12	UJ
79-00-5	1,1,2-Trichloroethane	13	J
71-43-2	Benzene	12	UJ
10061-02-6	Trans-1,3-Dichloropropene	12	UJ
75-25-2	Bromoform	12	UJ
108-10-1	4-Methyl-2-pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	UJ
79-34-5	1,1,2,2-Tetrachloroethane	12	UJ
108-88-3	Toluene	12	UJ
108-90-7	Chlorobenzene	12	UJ
100-41-4	Ethylbenzene	12	UJ
100-42-5	Styrene	12	UJ
1330-20-7	Xylene (total)	12	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X107

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-007

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE06

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 16 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

FORM 1 VOA-TIC 3/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X107

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-007

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: DBEK69

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

JB 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	120	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	380	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	180	J
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X107

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-007

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DBEK69

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/22/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 7-7-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	UJ
132-64-9	Dibenzofuran	120	J
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	UJ
85-01-8	Phenanthrene	950	
120-12-7	Anthracene	260	J
86-74-8	Carbazole	160	J
84-74-2	Di-n-Butylphthalate	390 ~~150~~	JBU am
206-44-0	Fluoranthene	1300	
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	820	
218-01-9	Chrysene	780	
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-Octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	1500	
207-08-9	Benzo(k)fluoranthene	240	J
50-32-8	Benzo(a)pyrene	730	
193-39-5	Indeno(1,2,3-cd)pyrene	370	J
53-70-3	Dibenzo(a,h)anthracene	390	UJ
191-24-2	Benzo(g,h,i)perylene	300	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X107

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-007

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: DBEK69

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/22/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	5.76	3000	~~J~~BU
2.	ALKYLBENZENE (C10H14)	11.14	300	J
3.	HYDROCARBON (C11H24)	12.10	300	J
4.	ALKYLBENZENE (C10H14) 13.28	~~12.28~~	200	J
5.	HYDROCARBON (C12H26)	14.24	300	J
6.	HYDROCARBON (C13H28)	16.20	200	J
7.	METHYL NAPTHALENE (C11H10)	16.61	300	J
8.	HYDROCARBON (C14H30)	18.02	300	J
9.	DIMETHYL NAPTHALENE (C12H12)	18.34	300	J
10.	DIMETHYL NAPTHALENE (C12H12)	18.57	300	J
11.	DIMETHYL NAPTHALENE (C12H12)	18.65	200	J
12.	DIMETHYL NAPTHALENE (C12H12)	18.94	200	J
13.	UNKNOWN	19.73	300	J
14.	UNKNOWN HYDROCARBON	21.35	300	J
15.	UNKNOWN HYDROCARBON	22.05	600	J
16.	HYDROCARBON (C19H40)	22.91	2000	J
17.	UNKNOWN	24.33	600	J
18.	HYDROCARBON (C21H44)	25.68	400	J
19.	HYDROCARBON (C21H44)	27.00	500	J
20.	BENZO-PYRENE ISOMER	37.26	700	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X107

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-007

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 06259315.43

% Moisture: 16 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/27/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	UJ
1024-57-3	Heptachlor epoxide	1.6	P
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	1.6	JP
72-55-9	4,4'-DDE	3.9	UJ
72-20-8	Endrin	9.0	P
33213-65-9	Endosulfan II	4.3	P
72-54-8	4,4'-DDD	35	
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	80	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-C08	Valspar X108	% Solids	83.5		%	0.10	
		Cyanide, Total	5.4	u	MG/KG	5.4	
		Sulfide	9.9	u	MG/KG	9.9	R
		Sulfate	80.0		MG/KG	58.7	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-008

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _83.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	9120			P_	
7440-36-0	Antimony_	7.3	U	N	P_	J
7440-38-2	Arsenic__	17.1		N*	F_	J
7440-39-3	Barium___	1270			P_	
7440-41-7	Beryllium	0.67	B	U	P_	
7440-43-9	Cadmium__	11.3			P_	
7440-70-2	Calcium__	20500			P_	
7440-47-3	Chromium_	78.4			P_	
7440-48-4	Cobalt___	28.8			P_	
7440-50-8	Copper___	265			P_	
7439-89-6	Iron____	42100			P_	
7439-92-1	Lead____	4310		*	P_	
7439-95-4	Magnesium	8880			P_	
7439-96-5	Manganese	493			P_	
7439-97-6	Mercury__	2.6			CV	
7440-02-0	Nickel___	145			P_	
7440-09-7	Potassium	1380			P_	
7782-49-2	Selenium_	0.59	B	W	F_	J
7440-22-4	Silver___	2.1	B		P_	
7440-23-5	Sodium___	298	B		P_	
7440-28-0	Thallium_	1.9	U	E	F_	J
7440-62-2	Vanadium_	32.2			P_	
7440-66-6	Zinc____	6640			P_	
5955-70-0	Cyanide__	5.4	U		C_	

Color Before: GREY_____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X108

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-008

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE10

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 17 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X108

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-008

Sample wt/vol: 30.4 (g/mL) G Lab File ID: AAEH52

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 2500 (uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) 7-7-93 JJ Dilution Factor: ~~2.5~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	bis(2-Chloroisopropyl)ether	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-Di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene	460	J
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	250	J
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	4900	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	4900	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	910	J
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	4900	U
83-32-9	Acenaphthene	400	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X108

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-008

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE10

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 17 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	UJ
56-23-5	Carbon Tetrachloride	12	UJ
75-27-4	Bromodichloromethane	12	UJ
78-87-5	1,2-Dichloropropane	12	UJ
10061-01-5	cis-1,3-Dichloropropene	12	UJ
79-01-6	Trichloroethene	12	UJ
124-48-1	Dibromochloromethane	12	UJ
79-00-5	1,1,2-Trichloroethane	4	J
71-43-2	Benzene	12	UJ
10061-02-6	Trans-1,3-Dichloropropene	12	UJ
75-25-2	Bromoform	12	UJ
108-10-1	4-Methyl-2-pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	UJ
79-34-5	1,1,2,2-Tetrachloroethane	12	UJ
108-88-3	Toluene	12	UJ
108-90-7	Chlorobenzene	12	UJ
100-41-4	Ethylbenzene	12	UJ
100-42-5	Styrene	12	UJ
1330-20-7	Xylene (total)	12	UJ

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X108

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-008

Sample wt/vol: 30.4 (g/mL) G Lab File ID: AAEH52

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 2500 (uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) 7-7-93 Dilution Factor: ~~2.5~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	4900	U
100-02-7	4-Nitrophenol	4900	U
132-64-9	Dibenzofuran	290	J
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
86-73-7	Fluorene	470	J
100-01-6	4-Nitroaniline	~~4900~~ 350	~~U~~ J
534-52-1	4,6-Dinitro-2-methylphenol	4900	U
86-30-6	N-Nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	4900	U
85-01-8	Phenanthrene	5000	
120-12-7	Anthracene	1300	J
86-74-8	Carbazole	640	J
84-74-2	Di-n-Butylphthalate	2000~~480~~	~~J~~ U
206-44-0	Fluoranthene	8700	
129-00-0	Pyrene	10000	
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)anthracene	6200	
218-01-9	Chrysene	4500	
117-81-7	bis(2-Ethylhexyl)phthalate	3500	
117-84-0	Di-n-Octyl phthalate	2000	UJ
205-99-2	Benzo(b)fluoranthene	13000	J
207-08-9	Benzo(k)fluoranthene	3200	J
50-32-8	Benzo(a)pyrene	5400	J
193-39-5	Indeno(1,2,3-cd)pyrene	1800	J
53-70-3	Dibenzo(a,h)anthracene	410	J
191-24-2	Benzo(g,h,i)perylene	1200	J

JK 7-13-93

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X108

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-008

Sample wt/vol: 30.4 (g/mL) G Lab File ID: AAEH52

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 2500 (uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) 7-7-93 JJ Dilution Factor: ~~2.5~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	bis(2-Chloroisopropyl)ether	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-Di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene	460	J
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	250	J
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	4900	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	4900	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	910	J
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	4900	U
83-32-9	Acenaphthene	400	J

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X108

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-008

Sample wt/vol: 30.4 (g/mL) G Lab File ID: AAEH52

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 2500 (uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) JJ 7-7-93 Dilution Factor: ~~2.5~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.20	8000	~~J~~BU am
2.	METHYLNITROBENZENAMINEISOMER	18.56	800	J
3.	UNKNOWN	19.40	600	J
4.	BUTANOIC ACID ESTER	19.65	500	~~J~~BU am
5.	UNKNOWN HYDROCARBON	21.37	800	J
6.	UNKNOWN	22.06	600	J
7.	UNKNOWN AROMATIC HYDROCARBON	22.29	700	J
8.	UNKNOWN AROMATIC HYDROCARBON	24.55	1000	J
9.	HEXADECANOIC ACID	25.04	3000	J
10.	UNKNOWN AROMATIC HYDROCARBON	25.27	600	J
11.	UNKNOWN AROMATIC HYDROCARBON	27.51	2000	J
12.	UNKNOWN AROMATIC HYDROCARBON	28.28	1000	J
13.	UNKNOWN AROMATIC HYDROCARBON	28.48	8000	J
14.	UNKNOWN	29.89	500	J
15.	UNKNOWN HYDROCARBON	30.12	500	J
16.	UNKNOWN AROMATIC HYDROCARBON	32.29	4000	J
17.	UNKNOWN	32.83	20000	J
18.	UNKNOWN	33.14	4000	J
19.	UNKNOWN	34.75	5000	J
20.	UNKNOWN AROMATIC HYDROCARBON	34.96	5000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X108

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-008

Sample wt/vol: 30.9 (g/mL) G Lab File ID: 06259315.45

% Moisture: 17 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 25000(uL) Date Analyzed: 06/27/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	9.7	U
319-85-7	beta-BHC	7.8	JP
319-86-8	delta-BHC	9.7	U
58-89-9	gamma-BHC (Lindane)	9.7	U
76-44-8	Heptachlor	9.7	U
309-00-2	Aldrin	9.7	UJ
1024-57-3	Heptachlor epoxide	9.7	U
959-98-8	Endosulfan I	9.7	U
60-57-1	Dieldrin	19	U
72-55-9	4,4'-DDE	48	PJ
72-20-8	Endrin	19	U
33213-65-9	Endosulfan II	19	U
72-54-8	4,4'-DDD	19	U
1031-07-8	Endosulfan sulfate	12	JP
50-29-3	4,4'-DDT	210	P
72-43-5	Methoxychlor	97	U
53494-70-5	Endrin ketone	19	U
7421-93-4	Endrin aldehyde	19	U
5103-71-9	alpha-Chlordane	9.7	U
5103-74-2	gamma-Chlordane	9.7	U
8001-35-2	Toxaphene	970	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X108DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-008 DL

Sample wt/vol: 30.9 (g/mL) G Lab File ID: 06259315.01

% Moisture: 17 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 25000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	97	U
319-85-7	beta-BHC	97	U
319-86-8	delta-BHC	97	U
58-89-9	gamma-BHC (Lindane)	97	U
76-44-8	Heptachlor	97	U
309-00-2	Aldrin	97	UJ
1024-57-3	Heptachlor epoxide	97	U
959-98-8	Endosulfan I	97	U
60-57-1	Dieldrin	190	U
72-55-9	4,4'-DDE	81	JPD
72-20-8	Endrin	190	U
33213-65-9	Endosulfan II	190	U
72-54-8	4,4'-DDD	72	JDP
1031-07-8	Endosulfan sulfate	190	U
50-29-3	4,4'-DDT	270	PD
72-43-5	Methoxychlor	970	U
53494-70-5	Endrin ketone	190	U
7421-93-4	Endrin aldehyde	190	U
5103-71-9	alpha-Chlordane	97	U
5103-74-2	gamma-Chlordane	97	U
8001-35-2	Toxaphene	9700	U
12674-11-2	Aroclor-1016	1900	U
11104-28-2	Aroclor-1221	3900	U
11141-16-5	Aroclor-1232	1900	U
53469-21-9	Aroclor-1242	1900	U
12672-29-6	Aroclor-1248	1900	U
11097-69-1	Aroclor-1254	1900	U
11096-82-5	Aroclor-1260	1900	U

Deborah L. Koehlert 7/8/93

FORM 1 PEST 3/90

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-009	Valspar X109	% Solids	71.9		%	0.10	
		Cyanide, Total	7.0	u	MG/KG	7.0	
		Sulfide	11.5	u	MG/KG	11.5	R
		Sulfate	214		MG/KG	70.2	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X109

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-009

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _71.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	12000	_		P_	
7440-36-0	Antimony_	105	_	N	P_	J
7440-38-2	Arsenic__	40.8	_	N*	F_	J
7440-39-3	Barium___	3390	_		P_	
7440-41-7	Beryllium	0.41	B	U	P_	
7440-43-9	Cadmium__	12.6	_		P_	
7440-70-2	Calcium__	49400	_		P_	
7440-47-3	Chromium_	2890	_		P_	
7440-48-4	Cobalt___	42.4	_		P_	
7440-50-8	Copper___	239	_		P_	
7439-89-6	Iron____	69700	_		P_	
7439-92-1	Lead____	17000	_	*	P_	
7439-95-4	Magnesium	13000	_		P_	
7439-96-5	Manganese	687	_		P_	
7439-97-6	Mercury__	7.3	_		CV	
7440-02-0	Nickel___	52.8	_		P_	
7440-09-7	Potassium	2010	_		P_	
7782-49-2	Selenium_	0.59	B	W	F_	J
7440-22-4	Silver___	3.1	_		P_	
7440-23-5	Sodium___	994	B		P_	
7440-28-0	Thallium_	2.2	U	E	F_	J
7440-62-2	Vanadium_	28.7	_		P_	
7440-66-6	Zinc____	3680	_		P_	
5955-70-0	Cyanide__	7.0	U		C_	

Color Before: RED_____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X109

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-009

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE11

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 28 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	14	UJ
74-83-9	Bromomethane	14	UJ
75-01-4	Vinyl Chloride	14	UJ
75-00-3	Chloroethane	14	UJ
75-09-2	Methylene Chloride	14	UJ
67-64-1	Acetone	14	UJ
75-15-0	Carbon Disulfide	14	UJ
75-35-4	1,1-Dichloroethene	14	UJ
75-34-3	1,1-Dichloroethane	14	UJ
540-59-0	1,2-Dichloroethene (total)	14	UJ
67-66-3	Chloroform	14	J
107-06-2	1,2-Dichloroethane	21	J
78-93-3	2-Butanone	14	UJ
71-55-6	1,1,1-Trichloroethane	14	UJ
56-23-5	Carbon Tetrachloride	14	UJ
75-27-4	Bromodichloromethane	14	UJ
78-87-5	1,2-Dichloropropane	14	UJ
10061-01-5	cis-1,3-Dichloropropene	14	UJ
79-01-6	Trichloroethene	14	UJ
124-48-1	Dibromochloromethane	14	UJ
79-00-5	1,1,2-Trichloroethane	24	J
71-43-2	Benzene	14	UJ
10061-02-6	Trans-1,3-Dichloropropene	14	UJ
75-25-2	Bromoform	14	UJ
108-10-1	4-Methyl-2-pentanone	14	UJ
591-78-6	2-Hexanone	14	UJ
127-18-4	Tetrachloroethene	32	J
79-34-5	1,1,2,2-Tetrachloroethane	14	UJ
108-88-3	Toluene	14	UJ
108-90-7	Chlorobenzene	14	UJ
100-41-4	Ethylbenzene	14	UJ
100-42-5	Styrene	14	UJ
1330-20-7	Xylene (total)	14	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X109

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-009

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE11

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 28 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X109

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-009

Sample wt/vol: 30.8 (g/mL) G Lab File ID: AAEH45

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 28 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 2500 (uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~5.0~~ 2.0

GPC Cleanup: (Y/N) Y pH: 7.0 7-8-93

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	4500	U
111-44-4	bis(2-Chloroethyl)ether	4500	U
95-57-8	2-Chlorophenol	4500	U
541-73-1	1,3-Dichlorobenzene	4500	U
106-46-7	1,4-Dichlorobenzene	4500	U
95-50-1	1,2-Dichlorobenzene	4500	U
95-48-7	2-Methylphenol	4500	U
108-60-1	bis(2-Chloroisopropyl)ether	4500	U
106-44-5	4-Methylphenol	4500	U
621-64-7	N-Nitroso-Di-n-propylamine	4500	U
67-72-1	Hexachloroethane	4500	U
98-95-3	Nitrobenzene	4500	U
78-59-1	Isophorone	4500	U
88-75-5	2-Nitrophenol	4500	U
105-67-9	2,4-Dimethylphenol	4500	U
111-91-1	bis(2-Chloroethoxy)methane	4500	U
120-83-2	2,4-Dichlorophenol	4500	U
120-82-1	1,2,4-Trichlorobenzene	4500	U
91-20-3	Naphthalene	4500	U
106-47-8	4-Chloroaniline	4500	U
87-68-3	Hexachlorobutadiene	4500	U
59-50-7	4-Chloro-3-methylphenol	4500	U
91-57-6	2-Methylnaphthalene	4500	U
77-47-4	Hexachlorocyclopentadiene	4500	U
88-06-2	2,4,6-Trichlorophenol	4500	U
95-95-4	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	4500	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	4500	U
208-96-8	Acenaphthylene	570	J
606-20-2	2,6-Dinitrotoluene	4500	U
99-09-2	3-Nitroaniline	11000	U
83-32-9	Acenaphthene	4500	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X109

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-009

Sample wt/vol: 30.8 (g/mL) G Lab File ID: AAEH45

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 28 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 2500 (uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~5.0~~ 2.0

GPC Cleanup: (Y/N) Y pH: 7.0 JB 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	11000	U
100-02-7	4-Nitrophenol	11000	U
132-64-9	Dibenzofuran	4500	U
121-14-2	2,4-Dinitrotoluene	4500	U
84-66-2	Diethylphthalate	4500	U
7005-72-3	4-Chlorophenyl-phenylether	4500	U
86-73-7	Fluorene	4500	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	N-Nitrosodiphenylamine (1)	4500	U
101-55-3	4-Bromophenyl-phenylether	4500	U
118-74-1	Hexachlorobenzene	4500	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	1700	J
120-12-7	Anthracene	610	J
86-74-8	Carbazole	4500	U
84-74-2	Di-n-Butylphthalate	~~2200~~ 4500	~~JB~~ U
206-44-0	Fluoranthene	3200	J
129-00-0	Pyrene	3700	J
85-68-7	Butylbenzylphthalate	2000	J
91-94-1	3,3'-Dichlorobenzidine	4500	U
56-55-3	Benzo(a)anthracene	2500	J
218-01-9	Chrysene	2900	J
117-81-7	bis(2-Ethylhexyl)phthalate	17000	
117-84-0	Di-n-Octyl phthalate	4500	UJ
205-99-2	Benzo(b)fluoranthene	7300	J
207-08-9	Benzo(k)fluoranthene	1400	J
50-32-8	Benzo(a)pyrene	3800	J
193-39-5	Indeno(1,2,3-cd)pyrene	1900	J
53-70-3	Dibenzo(a,h)anthracene	4500	UJ
191-24-2	Benzo(g,h,i)perylene	900	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X109

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-009

Sample wt/vol: 30.8 (g/mL) G

Lab File ID: AAEH45

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 28 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 2500 (uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~5.0~~ 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

Number TICs found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.17	10000	~~JB~~ U
2.	DIMETHYLETHYLPHENOL(C10H14O)	14.73	1000	J
3.	HEXADECANOIC ACID (C16H32O2)	25.05	10000	J
4.	TETRADECANOIC ACID(C14H28O2)	27.50	6000	J
5.	UNKNOWN	30.15	3000	J
6.	UNKNOWN	31.82	5000	J
7.	HYDROCARBON (C26H54)	32.18	1000	J
8.	UNKNOWN	32.32	3000	J
9.	UNKNOWN	32.84	5000	J
10.	UNKNOWN	33.15	2000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X109

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-009

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 06259315.63

% Moisture: 28 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 25000(uL) Date Analyzed: 06/28/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	12	U
319-85-7	beta-BHC	12	U
319-86-8	delta-BHC	12	U
58-89-9	gamma-BHC (Lindane)	12	U
76-44-8	Heptachlor	12	U
309-00-2	Aldrin	12	UJ
1024-57-3	Heptachlor epoxide	12	U
959-98-8	Endosulfan I	12	U
60-57-1	Dieldrin	23	U
72-55-9	4,4'-DDE	78	PJ
72-20-8	Endrin	23	U
33213-65-9	Endosulfan II	23	U
72-54-8	4,4'-DDD	130	P
1031-07-8	Endosulfan sulfate	23	U
50-29-3	4,4'-DDT	290	P
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	23	U
7421-93-4	Endrin aldehyde	23	U
5103-71-9	alpha-Chlordane	12	U
5103-74-2	gamma-Chlordane	12	U
8001-35-2	Toxaphene	1200	U
12674-11-2	Aroclor-1016	230	U
11104-28-2	Aroclor-1221	460	U
11141-16-5	Aroclor-1232	230	U
53469-21-9	Aroclor-1242	230	U
12672-29-6	Aroclor-1248	230	U
11097-69-1	Aroclor-1254	3800	PC
11096-82-5	Aroclor-1260	230	U

am 8/25/93

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X109DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-009 DL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 06259315.02

% Moisture: 28 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 25000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	120	U
58-89-9	gamma-BHC (Lindane)	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	UJ
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	230	U
72-55-9	4,4'-DDE	260	PDJ
72-20-8	Endrin	230	U
33213-65-9	Endosulfan II	230	U
72-54-8	4,4'-DDD	160	JDP
1031-07-8	Endosulfan sulfate	230	U
50-29-3	4,4'-DDT	260	PD
72-43-5	Methoxychlor	1200	U
53494-70-5	Endrin ketone	230	U
7421-93-4	Endrin aldehyde	230	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	12000	U
12674-11-2	Aroclor-1016	2300	U
11104-28-2	Aroclor-1221	4600	U
11141-16-5	Aroclor-1232	2300	U
53469-21-9	Aroclor-1242	2300	U
12672-29-6	Aroclor-1248	2300	U
11097-69-1	Aroclor-1254	6200	DPC
11096-82-5	Aroclor-1260	2300	U

am 8/26/93

Deborah L. Koellert 7/8/93

FORM 1 PEST 3/90

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-010	Valspar X110	% Solids	90.4		%	0.10	
		Cyanide, Total	5.0	u	MG/KG	5.0	
		Sulfide	9.1	u	MG/KG	9.1	R
		Sulfate	53.7	u	MG/KG	53.7	

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-010

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _90.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	4480			P	
7440-36-0	Antimony_	7.0	U	N	P	J
7440-38-2	Arsenic__	9.4		SN*	F	J
7440-39-3	Barium___	50.3			P	
7440-41-7	Beryllium	0.32	B	U	P	
7440-43-9	Cadmium__	1.4			P	
7440-70-2	Calcium__	4320			P	
7440-47-3	Chromium_	35.4			P	
7440-48-4	Cobalt___	6.7	B		P	
7440-50-8	Copper___	160			P	
7439-89-6	Iron____	45800			P	
7439-92-1	Lead____	61.3		*	P	
7439-95-4	Magnesium	2010			P	
7439-96-5	Manganese	1120			P	
7439-97-6	Mercury__	0.09			CV	
7440-02-0	Nickel___	41.7			P	
7440-09-7	Potassium	400	B		P	
7782-49-2	Selenium_	0.39	B	W	F	J
7440-22-4	Silver___	1.5	B		P	
7440-23-5	Sodium___	141	B		P	
7440-28-0	Thallium_	1.7	U	E	F	J
7440-62-2	Vanadium_	8.6	B		P	
7440-66-6	Zinc____	969			P	
5955-70-0	Cyanide__	5.0	U		C	

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X110

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-010

Sample wt/vol: 5.00 (g/mL) G Lab File ID: FREZ32

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 10 Date Analyzed: 05/29/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	9	J
107-06-2	1,2-Dichloroethane	15	
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	UJ
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	12	J
71-43-2	Benzene	11	UJ
10061-02-6	Trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	11	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	11	UJ
108-90-7	Chlorobenzene	11	UJ
100-41-4	Ethylbenzene	11	UJ
100-42-5	Styrene	11	UJ
1330-20-7	Xylene (total)	11	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X110

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-010

Sample wt/vol: 5.00 (g/mL) G Lab File ID: FREZ32

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 10 Date Analyzed: 05/29/93

GC Column: ID: ___(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X110

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-010

Sample wt/vol: 30.8 (g/mL) G Lab File ID: AAEH40

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 10 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	130	J
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	73	J
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	900	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	900	U
83-32-9	Acenaphthene	50	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X110

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-010

Sample wt/vol: 30.8 (g/mL) G Lab File ID: AAEH40

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 10 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.80~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	U
132-64-9	Dibenzofuran	38	J
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	900	U
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	340	J
120-12-7	Anthracene	49	J
86-74-8	Carbazole	360	U
84-74-2	Di-n-Butylphthalate	360 ~~280~~	~~J~~BU
206-44-0	Fluoranthene	660	
129-00-0	Pyrene	840	
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	1100	
218-01-9	Chrysene	880	
117-81-7	bis(2-Ethylhexyl)phthalate	82	J
117-84-0	Di-n-Octyl phthalate	360	U
205-99-2	Benzo(b)fluoranthene		E
207-08-9	Benzo(k)fluoranthene	740	
50-32-8	Benzo(a)pyrene	1600	
193-39-5	Indeno(1,2,3-cd)pyrene	960	
53-70-3	Dibenzo(a,h)anthracene	210	J
191-24-2	Benzo(g,h,i)perylene	440	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X110

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-010

Sample wt/vol: 30.8 (g/mL) G Lab File ID: AAEH40

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 10 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN KETONE	4.33	5000	~~J~~ U	am
2.	HYDROCARBON (C11H24)	10.88	200	J	
3.	HYDROCARBON (C12H26)	13.03	200	J	
4.	HYDROCARBON (C13H28) +HSL	14.97	200	J	
5.	HYDROCARBON (C14H30)	16.77	200	J	
6.	UNKNOWN HYDROCARBON	17.80	100	J	
7.	HYDROCARBON (C15H32)	18.47	200	J	
8.	BUTANOIC ACID ESTER	19.87	300	~~J~~ U	am
9.	HYDROCARBON (C16H34)	20.05	200	J	
10.	HEXADECANE (C16H34)	21.57	400	J	
11.	PROMETON	22.27	200	J	
12.	HYDROCARBON (C19H40)	24.36	200	J	
13.	HEXADECANOIC ACID	25.21	200	J	
14.	UNKNOWN HYDROCARBON	26.89	200	J	
15.	UNKNOWN AROMATIC HYDROCARBON	28.42	200	J	
16.	UNKNOWN HYDROCARBON	29.22	200	J	
17.	DIOCTYL ESTER ADIPATE	30.20	100	J	
18.	UNKNOWN AROMATIC HYDROCARBON	30.51	100	J	
19.	UNKNOWN HYDROCARBON	32.39	200	J	
20.	UNKNOWN HYDROCARBON 30.34	~~35.12~~	400	J	am

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X110DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL DM 7-9-93 Lab Sample ID: 9305G855-010 DL

Sample wt/vol: ~~4.00~~ 30.8 (g/mL) G Lab File ID: AAEH66

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 10 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.0~~ 4.0

GPC Cleanup: (Y/N) Y pH: 7.0 DB 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	NA	
111-44-4	bis(2-Chloroethyl)ether	NA	
95-57-8	2-Chlorophenol	NA	
541-73-1	1,3-Dichlorobenzene	NA	
106-46-7	1,4-Dichlorobenzene	NA	
95-50-1	1,2-Dichlorobenzene	NA	
95-48-7	2-Methylphenol	NA	
108-60-1	bis(2-Chloroisopropyl)ether	NA	
106-44-5	4-Methylphenol	NA	
621-64-7	N-Nitroso-Di-n-propylamine	NA	
67-72-1	Hexachloroethane	NA	
98-95-3	Nitrobenzene	NA	
78-59-1	Isophorone	NA	
88-75-5	2-Nitrophenol	NA	
105-67-9	2,4-Dimethylphenol	NA	
111-91-1	bis(2-Chloroethoxy)methane	NA	
120-83-2	2,4-Dichlorophenol	NA	
120-82-1	1,2,4-Trichlorobenzene	NA	
91-20-3	Naphthalene	NA	
106-47-8	4-Chloroaniline	NA	
87-68-3	Hexachlorobutadiene	NA	
59-50-7	4-Chloro-3-methylphenol	NA	
91-57-6	2-Methylnaphthalene	NA	
77-47-4	Hexachlorocyclopentadiene	NA	
88-06-2	2,4,6-Trichlorophenol	NA	
95-95-4	2,4,5-Trichlorophenol	NA	
91-58-7	2-Chloronaphthalene	NA	
88-74-4	2-Nitroaniline	NA	
131-11-3	Dimethylphthalate	NA	
208-96-8	Acenaphthylene	NA	
606-20-2	2,6-Dinitrotoluene	NA	
99-09-2	3-Nitroaniline	NA	
83-32-9	Acenaphthene	NA	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X110DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL JJH 7-9-93 Lab Sample ID: 9305G855-010 DL

Sample wt/vol: ~~4.00~~ 30.8 (g/mL) G Lab File ID: AAEH66

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 10 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.0~~ 4.0

GPC Cleanup: (Y/N) Y pH: 7.0 JJ 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	NA	
100-02-7	4-Nitrophenol	NA	
132-64-9	Dibenzofuran	NA	
121-14-2	2,4-Dinitrotoluene	NA	
84-66-2	Diethylphthalate	NA	
7005-72-3	4-Chlorophenyl-phenylether	NA	
86-73-7	Fluorene	NA	
100-01-6	4-Nitroaniline	NA	
534-52-1	4,6-Dinitro-2-methylphenol	NA	
86-30-6	N-Nitrosodiphenylamine (1)	NA	
101-55-3	4-Bromophenyl-phenylether	NA	
118-74-1	Hexachlorobenzene	NA	
87-86-5	Pentachlorophenol	NA	
85-01-8	Phenanthrene	NA	
120-12-7	Anthracene	NA	
86-74-8	Carbazole	NA	
84-74-2	Di-n-Butylphthalate	NA	
206-44-0	Fluoranthene	NA	
129-00-0	Pyrene	NA	
85-68-7	Butylbenzylphthalate	NA	
91-94-1	3,3'-Dichlorobenzidine	NA	
56-55-3	Benzo(a)anthracene	NA	
218-01-9	Chrysene	NA	
117-81-7	bis(2-Ethylhexyl)phthalate	NA	
117-84-0	Di-n-Octyl phthalate	NA	
205-99-2	Benzo(b)fluoranthene	11000	
207-08-9	Benzo(k)fluoranthene	NA	
50-32-8	Benzo(a)pyrene	NA	
193-39-5	Indeno(1,2,3-cd)pyrene	NA	
53-70-3	Dibenzo(a,h)anthracene	NA	
191-24-2	Benzo(g,h,i)perylene	NA	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X110DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-010 DL

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: AAEH66

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 10 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/24/93

Injection Volume: 2.0(uL)

Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.24	2000	~~JB~~ U cnx
2.	HYDROCARBON (C11H24)	10.69	700	J
3.	HYDROCARBON (C12H26)	12.81	800	J
4.	HYDROCARBON (C13H28)	14.75	700	J
5.	UNKNOWN HYDROCARBON	16.55	800	J
6.	UNKNOWN HYDROCARBON	18.25	900	J
7.	ACID ESTER	19.65	1000	J
8.	HYDROCARBON (C17H36)	21.35	2000	J
9.	HYDROCARBON (C19H40)	24.12	900	J
10.	HEXADECANOIC ACID(C16H3202)	24.98	900	J
11.	HYDROCARBON (C20H42)	25.43	800	J
12.	UNKNOWN HYDROCARBON	26.67	1000	J
13.	UNKNOWN HYDROCARBON	29.00	900	J
14.	UNKNOWN HYDROCARBON	30.09	900	J
15.	UNKNOWN HYDROCARBON	32.16	1000	J
16.	UNKNOWN HYDROCARBON	33.13	1000	J
17.	BENZO(A)PYRENE ISOMER	34.97	1000	J
18.	BENZO(A)PYRENE ISOMER	35.12	2000	J
19.	UNKNOWN	37.12	900	J
20.	UNKNOWN	39.23	2000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X110

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-010

Sample wt/vol: 30.7 (g/mL) G Lab File ID: 06259315.47

% Moisture: 9 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/27/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.1	JP
309-00-2	Aldrin	1.8	UJ
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	3.6	UJ
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	6.1	P
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.8	UJ
5103-74-2	gamma-Chlordane	1.8	UJ
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	140	
11096-82-5	Aroclor-1260	36	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-011	Valspar X111	% Solids	91.5		%	0.10	
		Cyanide, Total	5.5	u	MG/KG	5.5	
		Sulfide	9.1	u	MG/KG	9.1	R
		Sulfate	62.2		MG/KG	54.1	

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-011

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _91.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	1960			P_	
7440-36-0	Antimony_	7.4	U	N	P_	J
7440-38-2	Arsenic__	5.0		SN*	F_	J
7440-39-3	Barium___	23.4	B		P_	
7440-41-7	Beryllium	0.17	U		P_	
7440-43-9	Cadmium__	0.63	U		P_	
7440-70-2	Calcium__	47600			P_	
7440-47-3	Chromium_	4.8			P_	
7440-48-4	Cobalt___	3.0	B		P_	
7440-50-8	Copper___	9.0			P_	
7439-89-6	Iron____	5800			P_	
7439-92-1	Lead____	20.5			F_	
7439-95-4	Magnesium	23400			P_	
7439-96-5	Manganese	191			P_	
7439-97-6	Mercury__	0.09	U		CV	
7440-02-0	Nickel___	6.0	B		P_	
7440-09-7	Potassium	463	B		P_	
7782-49-2	Selenium_	0.24	U		F_	
7440-22-4	Silver___	1.0	U		P_	
7440-23-5	Sodium___	143	B		P_	
7440-28-0	Thallium_	0.33	U		F_	J
7440-62-2	Vanadium_	8.5	B		P_	
7440-66-6	Zinc____	50.1			P_	
5955-70-0	Cyanide__	5.5	U		C_	

Color Before: BROWN____ Clarity Before: _____ Texture: COARSE

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X111

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-011

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE13

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 9 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1000 mk 6/22/93

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	11000	U
74-83-9	Bromomethane	11000	U
75-01-4	Vinyl Chloride	11000	U
75-00-3	Chloroethane	11000	U
75-09-2	Methylene Chloride	11000	U
67-64-1	Acetone	11000	U
75-15-0	Carbon Disulfide	11000	UJ
75-35-4	1,1-Dichloroethene	11000	U
75-34-3	1,1-Dichloroethane	11000	U
540-59-0	1,2-Dichloroethene (total)	11000	U
67-66-3	Chloroform	11000	U
107-06-2	1,2-Dichloroethane	11000	U
78-93-3	2-Butanone	11000	U
71-55-6	1,1,1-Trichloroethane	11000	U
56-23-5	Carbon Tetrachloride	11000	U
75-27-4	Bromodichloromethane	11000	U
78-87-5	1,2-Dichloropropane	11000	U
10061-01-5	cis-1,3-Dichloropropene	11000	U
79-01-6	Trichloroethene	11000	U
124-48-1	Dibromochloromethane	11000	U
79-00-5	1,1,2-Trichloroethane	11000	U
71-43-2	Benzene	11000	U
10061-02-6	Trans-1,3-Dichloropropene	11000	U
75-25-2	Bromoform	11000	U
108-10-1	4-Methyl-2-pentanone	11000	U
591-78-6	2-Hexanone	11000	U
127-18-4	Tetrachloroethene	11000	U
79-34-5	1,1,2,2-Tetrachloroethane	11000	U
108-88-3	Toluene	30000	
108-90-7	Chlorobenzene	11000	U
100-41-4	Ethylbenzene	290000	E
100-42-5	Styrene	11000	U
1330-20-7	Xylene (total)	370000	E

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X111

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-011

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE13

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 9 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1000 mk 6/22/93

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SUBST. CYCLOHEXANE C8H16	17.18	200000	J
2.	SUBST. CYCLOHEXANE C9H18	18.89	100000	J
3.	UNKNOWN HYDROCARBON	19.68	200000	J
4.	UNKNOWN	20.79	400000	J
5.	SUBST. CYCLOHEXANE C9H18	21.41	200000	J
6.	UNKOWN HYDROCARBON	21.89	200000	J
7.	SUBST. CYCLOHEXANE C9H18	22.13	300000	J
8.	UNKNOWN HYDROCARBON	23.87	200000	J
9.	SUBST. NAPHTHALENE C10H18	26.31	200000	J
10.	UNKNOWN HYDROCARBON	26.76	100000	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X111DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-011 DL

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE30

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 9 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 5000 mk 6/22/93

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	54000	U
74-83-9	Bromomethane	54000	U
75-01-4	Vinyl Chloride	54000	U
75-00-3	Chloroethane	54000	U
75-09-2	Methylene Chloride	54000	U
67-64-1	Acetone	54000	U
75-15-0	Carbon Disulfide	54000	UJ
75-35-4	1,1-Dichloroethene	54000	U
75-34-3	1,1-Dichloroethane	54000	U
540-59-0	1,2-Dichloroethene (total)	54000	U
67-66-3	Chloroform	54000	U
107-06-2	1,2-Dichloroethane	54000	U
78-93-3	2-Butanone	54000	U
71-55-6	1,1,1-Trichloroethane	54000	U
56-23-5	Carbon Tetrachloride	54000	U
75-27-4	Bromodichloromethane	54000	U
78-87-5	1,2-Dichloropropane	54000	U
10061-01-5	cis-1,3-Dichloropropene	54000	U
79-01-6	Trichloroethene	54000	U
124-48-1	Dibromochloromethane	54000	U
79-00-5	1,1,2-Trichloroethane	54000	U
71-43-2	Benzene	54000	U
10061-02-6	Trans-1,3-Dichloropropene	54000	U
75-25-2	Bromoform	54000	U
108-10-1	4-Methyl-2-pentanone	54000	U
591-78-6	2-Hexanone	54000	U
127-18-4	Tetrachloroethene	54000	U
79-34-5	1,1,2,2-Tetrachloroethane	54000	U
108-88-3	Toluene	54000	U
108-90-7	Chlorobenzene	54000	U
100-41-4	Ethylbenzene	530000	D
100-42-5	Styrene	54000	U
1330-20-7	Xylene (total)	1700000	D

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X111DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-011 DL

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE30

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 9 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 5000 MK 6/22/93

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SUBST. CYCLOHEXANE	19.14	100000	J
2.	UNKNOWN HYDROCARBON	19.95	200000	J
3.	SUBST. CYCLOHEXANE C9H18	21.41	300000	J
4.	UNKNOWN HYDROCARBON	21.89	300000	J
5.	SUBST. CYCLOHEXANE C9H18	22.13	400000	J
6.	UNKNOWN HYDROCARBON	23.04	100000	J
7.	SUBST. CYCLOHEXANE C10H20	23.71	200000	J
8.	UNKNOWN HYDROCARBON	23.86	600000	J
9.	SUBST. NAPHTHALENE C10H18	26.29	200000	J
10.	UNKNOWN HYDROCARBON	26.74	300000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X111

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-011

Sample wt/vol: 30.6 (g/mL) G Lab File ID: AAEH67

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 9 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 5000 (uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~20.~~ 4

GPC Cleanup: (Y/N) Y pH: 6.0 JJ 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	14000	U
111-44-4	bis(2-Chloroethyl)ether	14000	U
95-57-8	2-Chlorophenol	14000	U
541-73-1	1,3-Dichlorobenzene	14000	U
106-46-7	1,4-Dichlorobenzene	14000	U
95-50-1	1,2-Dichlorobenzene	14000	U
95-48-7	2-Methylphenol	14000	U
108-60-1	bis(2-Chloroisopropyl)ether	14000	U
106-44-5	4-Methylphenol	14000	U
621-64-7	N-Nitroso-Di-n-propylamine	14000	UJ
67-72-1	Hexachloroethane	14000	U
98-95-3	Nitrobenzene	14000	U
78-59-1	Isophorone	14000	U
88-75-5	2-Nitrophenol	14000	U
105-67-9	2,4-Dimethylphenol	14000	U
111-91-1	bis(2-Chloroethoxy)methane	14000	U
120-83-2	2,4-Dichlorophenol	14000	U
120-82-1	1,2,4-Trichlorobenzene	14000	U
91-20-3	Naphthalene	16000	
106-47-8	4-Chloroaniline	14000	U
87-68-3	Hexachlorobutadiene	14000	U
59-50-7	4-Chloro-3-methylphenol	14000	U
91-57-6	2-Methylnaphthalene	2900	J
77-47-4	Hexachlorocyclopentadiene	14000	U
88-06-2	2,4,6-Trichlorophenol	14000	U
95-95-4	2,4,5-Trichlorophenol	36000	U
91-58-7	2-Chloronaphthalene	14000	U
88-74-4	2-Nitroaniline	36000	U
131-11-3	Dimethylphthalate	14000	U
208-96-8	Acenaphthylene	14000	U
606-20-2	2,6-Dinitrotoluene	14000	U
99-09-2	3-Nitroaniline	36000	U
83-32-9	Acenaphthene	14000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X111

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-011

Sample wt/vol: 30.6 (g/mL) G Lab File ID: AAEH67

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 9 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~ 5000 (uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~20.~~ 4.0

GPC Cleanup: (Y/N) Y pH: 6.0 JB 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	36000	U
100-02-7	4-Nitrophenol	36000	U
132-64-9	Dibenzofuran	14000	U
121-14-2	2,4-Dinitrotoluene	14000	U
84-66-2	Diethylphthalate	14000	U
7005-72-3	4-Chlorophenyl-phenylether	14000	U
86-73-7	Fluorene	14000	U
100-01-6	4-Nitroaniline	36000	U
534-52-1	4,6-Dinitro-2-methylphenol	36000	U
86-30-6	N-Nitrosodiphenylamine (1)	14000	U
101-55-3	4-Bromophenyl-phenylether	14000	U
118-74-1	Hexachlorobenzene	14000	U
87-86-5	Pentachlorophenol	36000	UJ
85-01-8	Phenanthrene	14000	U
120-12-7	Anthracene	14000	U
86-74-8	Carbazole	14000	U
84-74-2	Di-n-Butylphthalate	5800	JB am
206-44-0	Fluoranthene	14000	U
129-00-0	Pyrene	14000	U
85-68-7	Butylbenzylphthalate	14000	U
91-94-1	3,3'-Dichlorobenzidine	14000	U
56-55-3	Benzo(a)anthracene	14000	U
218-01-9	Chrysene	14000	U
117-81-7	bis(2-Ethylhexyl)phthalate	3500	J
117-84-0	Di-n-Octyl phthalate	14000	U
205-99-2	Benzo(b)fluoranthene	14000	U
207-08-9	Benzo(k)fluoranthene	14000	U
50-32-8	Benzo(a)pyrene	14000	U
193-39-5	Indeno(1,2,3-cd)pyrene	14000	U
53-70-3	Dibenzo(a,h)anthracene	14000	U
191-24-2	Benzo(g,h,i)perylene	14000	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X111

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-011

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: AAEH67

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 9 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: ~~500~~(uL) ~~2500~~ 5000 7-9-93

Date Analyzed: 06/24/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~20.~~ 4.0

GPC Cleanup: (Y/N) Y pH: 6.0

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

7-8-93

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	5.63	200000	J
2.	HYDROCARBON (C10H22)	6.55	90000	J
3.	HYDROCARBON (C10H22)	6.67	90000	J
4.	HYDROCARBON (C10H22)	7.28	100000	J
5.	HYDROCARBON (C10H22)	7.57	100000	J
6.	UNKNOWN CYCLIC HYDROCARBON	7.90	100000	J
7.	HYDROCARBON (C10H22)	8.39	300000	J
8.	HYDROCARBON (C11H24)	8.90	100000	J
9.	CYCLIC HYDROCARBON (C11H22)	9.12	80000	J
10.	HYDROCARBON (C11H24)	9.72	80000	J
11.	HYDROCARBON (C11H24)	9.92	90000	J
12.	HYDROCARBON (C12H26)	10.07	70000	J
13.	HYDROCARBON (C11H24)	10.8	400000	J
14.	HYDROCARBON (C12H26)	11.09	60000	J
15.	HYDROCARBON (C12H26)	12.83	60000	J
16.	HEXADECANOIC ACID	25.41	700000	J
17.	CYCLIC HYDROCARBON (C20H40)	28.00	3000000	J
18.	CYCLIC HYDROCARBON (C20H40)	28.12	300000	J
19.	UNKNOWN CYCLIC HYDROCARBON	29.67	200000	J
20.	UNKNOWN ACID ESTER	29.73	100000	~~J~~ J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X111

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-011

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 06259315.48

% Moisture: 8 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 50000(uL) Date Analyzed: 06/27/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	
309-00-2	Aldrin	18	UJ
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	36	UJ
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	36	U
72-54-8	4,4'-DDD	36	U
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	39	P
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	36	U
7421-93-4	Endrin aldehyde	190	P
5103-71-9	alpha-Chlordane	18	U
5103-74-2	gamma-Chlordane	18	U
8001-35-2	Toxaphene	1800	U
12674-11-2	Aroclor-1016	360	U
11104-28-2	Aroclor-1221	720	U
11141-16-5	Aroclor-1232	360	U
53469-21-9	Aroclor-1242	360	U
12672-29-6	Aroclor-1248	360	U
11097-69-1	Aroclor-1254	360	U
11096-82-5	Aroclor-1260	360	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-012	Valspar X112	% Solids	84.0		%	0.10	
		Cyanide, Total	6.0	u	MG/KG	6.0	
		Sulfide	9.9	u	MG/KG	9.9	R
		Sulfate	148		MG/KG	58.4	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-012

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _84.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	2030			P	
7440-36-0	Antimony_	6.5	U	N	P	J
7440-38-2	Arsenic__	3.1		N*	F	J
7440-39-3	Barium___	17.4	B		P	
7440-41-7	Beryllium	0.15	U		P	
7440-43-9	Cadmium__	0.55	U		P	
7440-70-2	Calcium__	32600			P	
7440-47-3	Chromium_	9.4			P	
7440-48-4	Cobalt___	7.0	B		P	
7440-50-8	Copper___	16.6			P	
7439-89-6	Iron____	6570			P	
7439-92-1	Lead____	172		*	P	
7439-95-4	Magnesium	16900			P	
7439-96-5	Manganese	271			P	
7439-97-6	Mercury__	0.23			CV	
7440-02-0	Nickel___	11.5			P	
7440-09-7	Potassium	283	B		P	
7782-49-2	Selenium_	0.31	B		F	
7440-22-4	Silver___	0.91	U		P	
7440-23-5	Sodium___	91.2	B		P	
7440-28-0	Thallium_	0.38	U		F	J
7440-62-2	Vanadium_	7.4	B		P	
7440-66-6	Zinc____	102			P	
5955-70-0	Cyanide__	6.0	U		C	

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X112

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-012

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE14

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 16 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 10.

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	120	U
74-83-9	Bromomethane	120	U
75-01-4	Vinyl Chloride	120	U
75-00-3	Chloroethane	120	U
75-09-2	Methylene Chloride	120	U
67-64-1	Acetone	120	U
75-15-0	Carbon Disulfide	120	UJ
75-35-4	1,1-Dichloroethene	120	U
75-34-3	1,1-Dichloroethane	120	U
540-59-0	1,2-Dichloroethene (total)	120	U
67-66-3	Chloroform	120	U
107-06-2	1,2-Dichloroethane	120	U
78-93-3	2-Butanone	120	U
71-55-6	1,1,1-Trichloroethane	120	U
56-23-5	Carbon Tetrachloride	120	U
75-27-4	Bromodichloromethane	120	U
78-87-5	1,2-Dichloropropane	120	U
10061-01-5	cis-1,3-Dichloropropene	120	U
79-01-6	Trichloroethene	120	U
124-48-1	Dibromochloromethane	120	U
79-00-5	1,1,2-Trichloroethane	120	U
71-43-2	Benzene	120	U
10061-02-6	Trans-1,3-Dichloropropene	120	U
75-25-2	Bromoform	120	U
108-10-1	4-Methyl-2-pentanone	120	U
591-78-6	2-Hexanone	120	U
127-18-4	Tetrachloroethene	120	U
79-34-5	1,1,2,2-Tetrachloroethane	120	U
108-88-3	Toluene	120	U
108-90-7	Chlorobenzene	120	U
100-41-4	Ethylbenzene	120	U
100-42-5	Styrene	120	U
1330-20-7	Xylene (total)	120	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X112

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-012

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE14

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 16 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 10.

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SUBST. CYCLOHEXANE C9H18	20.76	2000	J
2.	SUBST. CYCLOHEXANE C9H18	21.42	3000	J
3.	UNKNOWN HYDROCARBON	21.92	3000	J
4.	SUBST. CYCLIC HYDROCARBON	22.14	4000	J
5.	UNKNOWN HYDROCARBON C10H22	22.59	2000	J
6.	UNKNOWN HYDROCARBON	23.14	3000	J
7.	UNKNOWN HYDROCARBON	23.88	2000	J
8.	UNKNOWN HYDROCARBON	24.59	5000	J
9.	SUBST. NAPHTHALENE C10H18	26.32	3000	J
10.	UNKNOWN HYDROCARBON C11H24	26.77	4000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X112

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-012

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: AAEH41

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~2.5~~ 5.0

GPC Cleanup: (Y/N) Y pH: 7.0

7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	bis(2-Chloroisopropyl)ether	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-Di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene	2000	U
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	2000	U
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	4900	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	4900	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	4900	U
83-32-9	Acenaphthene	2000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X112

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-012

Sample wt/vol: 30.6 (g/mL) G Lab File ID: AAEH41

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.5~~ 5.0

GPC Cleanup: (Y/N) Y pH: 7.0

7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	4900	U
100-02-7	4-Nitrophenol	4900	U
132-64-9	Dibenzofuran	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
86-73-7	Fluorene	2000	U
100-01-6	4-Nitroaniline	4900	U
534-52-1	4,6-Dinitro-2-methylphenol	4900	U
86-30-6	N-Nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	4900	U
85-01-8	Phenanthrene	2000	U
120-12-7	Anthracene	2000	U
86-74-8	Carbazole	2000	U
84-74-2	Di-n-Butylphthalate	2000 ~~310~~	JBU am
206-44-0	Fluoranthene	220	J
129-00-0	Pyrene	220	J
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)anthracene	2000	U
218-01-9	Chrysene	2000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1500	J
117-84-0	Di-n-Octyl phthalate	2000	U
205-99-2	Benzo(b)fluoranthene	280	J
207-08-9	Benzo(k)fluoranthene	2000	U
50-32-8	Benzo(a)pyrene	2000	U
193-39-5	Indeno(1,2,3-cd)pyrene	2000	U
53-70-3	Dibenzo(a,h)anthracene	2000	U
191-24-2	Benzo(g,h,i)perylene	240	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X112

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-012

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: AAEH41

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~2.5~~ 5.0

GPC Cleanup: (Y/N) Y

pH: 7.0

Number TICs found: 20

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

D78-47

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.20	6000	J
2.	HYDROCARBON (C10H22)	7.57	5000	J
3.	HYDROCARBON (C10H22)	8.34	10000	J
4.	HYDROCARBON (C11H24)	8.90	10000	J
5.	UNKNOWN CYCLIC HYDROCARBON	9.12	7000	J
6.	UNKNOWN	9.57	6000	J
7.	ALKYL BENZENE (C10H14)	9.71	10000	J
8.	HYDROCARBON (C11H24)	9.92	10000	J
9.	HYDROCARBON (C11H24)	10.06	6000	J
10.	HYDROCARBON (C11H22)	10.20	8000	J
11.	UNKNOWN HYDROCARBON	10.49	5000	J
12.	HYDROCARBON (C12H26)	10.80	20000	J
13.	ALKYL BENZENE +UNKNOWN HC	11.08	5000	J
14.	ALKYL BENZENE (C10H14)	11.17	3000	J
15.	UNKNOWN CYCLIC HYDROCARBON	11.49	3000	J
16.	ALKYL BENZENE + UNKNOWN HC	11.60	3000	J
17.	HYDROCARBON (C12H26)	11.88	4000	J
18.	HYDROCARBON + UNKNOWN	12.01	3000	J
19.	HYDROCARBON + UNKNOWN	12.11	4000	J
20.	HYDROCARBON (C12H26)	12.87	4000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X112

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-012

Sample wt/vol: 30.7 (g/mL) G Lab File ID: 06259315.49

% Moisture: 16 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/27/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	UJ
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	3.5	
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	5.0	PJ
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	P
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	620	P
11096-82-5	Aroclor-1260	39	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X112DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-012 DL

Sample wt/vol: 30.7 (g/mL) G Lab File ID: 06259315.05

% Moisture: 16 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	UJ
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	4.7	JPD
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	12	JDP
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	39	U
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	39	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	39	U
7421-93-4	Endrin aldehyde	39	U
5103-71-9	alpha-Chlordane	19	U
5103-74-2	gamma-Chlordane	19	U
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	780	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	1100	DP
11096-82-5	Aroclor-1260	390	U

Deborah L. Koerkert 7/8/93

FORM 1 PEST 3/90

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-013	Valspar X113	% Solids	80.4		%	0.10	
		Cyanide, Total	6.2	u	MG/KG	6.2	
		Sulfide	10.2	u	MG/KG	10.2	R
		Sulfate	60.4	u	MG/KG	60.4	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-013

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _80.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	2050			P_	
7440-36-0	Antimony_	7.6	U	N	P_	J
7440-38-2	Arsenic__	1.4	B	MN*	F_	J
7440-39-3	Barium___	13.7	B		P_	
7440-41-7	Beryllium	0.18	U		P_	
7440-43-9	Cadmium__	0.65	U		P_	
7440-70-2	Calcium__	44200			P_	
7440-47-3	Chromium_	4.8			P_	
7440-48-4	Cobalt___	2.7	B		P_	
7440-50-8	Copper___	3.9	B		P_	
7439-89-6	Iron____	6110			P_	
7439-92-1	Lead____	25.4			F_	
7439-95-4	Magnesium	22800			P_	
7439-96-5	Manganese	233			P_	
7439-97-6	Mercury__	0.11	U		CV	
7440-02-0	Nickel___	6.0	B		P_	
7440-09-7	Potassium	306	B		P_	
7782-49-2	Selenium_	0.29	U		F_	
7440-22-4	Silver___	1.1	U		P_	
7440-23-5	Sodium___	86.9	B		P_	
7440-28-0	Thallium_	0.41	U		F_	J
7440-62-2	Vanadium_	8.5	B		P_	
7440-66-6	Zinc____	26.3			P_	
5955-70-0	Cyanide__	6.2	U		C_	

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X113

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-013

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE15

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 20 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	3	J
71-43-2	Benzene	12	U
10061-02-6	Trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X113

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-013

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE15

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 20 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	24.71	200	J
2.	UNKNOWN	25.12	70	J
3.	UNKNOWN HYDROCARBON	25.90	100	J
4.	UNKNOWN HYDROCARBON	26.29	200	J
5.	UNKNOWN HYDROCARBON	26.47	100	J
6.	UNKNOWN	26.59	200	J
7.	SUBST. CYCLOHEXANE	26.86	300	J
8.	SUBST. CYCLOHEXANE	27.18	100	J
9.	UNKNOWN HYDROCARBON C12H26	27.33	200	J
10.	UNKNOWN HYDROCARBON	27.65	200	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X113

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-013

Sample wt/vol: 30.3 (g/mL) G Lab File ID: A3EH42

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.0~~ 40

GPC Cleanup: (Y/N) Y pH: 7.0

JR 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
95-48-7	2-Methylphenol	1600	U
108-60-1	bis(2-Chloroisopropyl)ether	1600	U
106-44-5	4-Methylphenol	1600	U
621-64-7	N-Nitroso-Di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	1600	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
99-09-2	3-Nitroaniline	4100	U
83-32-9	Acenaphthene	1600	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X113

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-013

Sample wt/vol: 30.3 (g/mL) G Lab File ID: AAEH42

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.0~~ 4.0

GPC Cleanup: (Y/N) Y pH: 7.0

7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
86-73-7	Fluorene	1600	U
100-01-6	4-Nitroaniline	4100	U
534-52-1	4,6-Dinitro-2-methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	4100	U
85-01-8	Phenanthrene	1600	U
120-12-7	Anthracene	1600	U
86-74-8	Carbazole	1600	U
84-74-2	Di-n-Butylphthalate	1600 ~~300~~	JBU am
206-44-0	Fluoranthene	1600	U
129-00-0	Pyrene	1600	U
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)anthracene	1600	U
218-01-9	Chrysene	1600	U
117-81-7	bis(2-Ethylhexyl)phthalate	1600	U
117-84-0	Di-n-Octyl phthalate	1600	U
205-99-2	Benzo(b)fluoranthene	1600	U
207-08-9	Benzo(k)fluoranthene	1600	U
50-32-8	Benzo(a)pyrene	1600	U
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U
53-70-3	Dibenzo(a,h)anthracene	1600	U
191-24-2	Benzo(g,h,i)perylene	1600	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X113

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-013

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: AAEH42

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~2.0~~ 4.0

GPC Cleanup: (Y/N) Y pH: 7.0

7-8-93

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.2	9000	~~J~~BU
2.	UNKNOWN	8.89	2000	J
3.	UNKNOWN CYCLIC HYDROCARBON	9.71	2000	J
4.	UNKNOWN CYCLIC HYDROCARBON	9.92	4000	J
5.	UNKNOWN	10.04	2000	J
6.	CYCLIC HYDROCARBON(C11H22)	10.18	4000	J
7.	CYCLIC HYDROCARBON(C12H24)	10.43	8000	J
8.	UNKNOWN	10.80	2000	J
9.	UNKNOWN CYCLIC HYDROCARBON	11.04	7000	J
10.	UNKNOWN	11.41	10000	J
11.	UNSAT HYDROCARBON (C13H26)	11.78	2000	J
12.	UNSAT HYDROCARBON (C13H26)	11.90	2000	J
13.	HYDROCARBON (C13H28)	13.11	2000	J
14.	HYDROCARBON (C15H32)	16.16	1000	J
15.	HEXADECANE	17.64	2000	J
16.	UNKNOWN HYDROCARBON	19.30	1000	J
17.	UNKNOWN HYDROCARBON	20.59	4000	J
18.	UNKNOWN HYDROCARBON	21.46	6000	J
19.	UNKNOWN HYDROCARBON	22.91	4000	J
20.	UNKNOWN HYDROCARBON	24.02	1000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X113

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-013

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 06259315.54

% Moisture: 20 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/28/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	UJ
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	UJ
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	11	
5103-71-9	alpha-Chlordane	2.0	UJ
5103-74-2	gamma-Chlordane	2.0	UJ
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-014	Valspar X114	% Solids	81.9		%	0.10	
		Cyanide, Total	4.4	u	MG/KG	4.4	
		Sulfide	10.1	u	MG/KG	10.1	R
		Sulfate	190		MG/KG	59.3	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-014

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _81.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	6170			P_	
7440-36-0	Antimony_	7.4	U	N	P_	J
7440-38-2	Arsenic__	12.1		SN*	F_	J
7440-39-3	Barium___	532			P_	
7440-41-7	Beryllium	0.62	~~B~~	U	P_	
7440-43-9	Cadmium__	3.7			P_	
7440-70-2	Calcium__	15300			P_	
7440-47-3	Chromium_	41.6			P_	
7440-48-4	Cobalt___	7.9	B		P_	
7440-50-8	Copper___	105			P_	
7439-89-6	Iron____	36400			P_	
7439-92-1	Lead____	1580		*	P_	
7439-95-4	Magnesium	5970			P_	
7439-96-5	Manganese	303			P_	
7439-97-6	Mercury__	0.38			CV	
7440-02-0	Nickel___	24.6			P_	
7440-09-7	Potassium	978	B		P_	
7782-49-2	Selenium_	0.41	B	W	F_	J
7440-22-4	Silver___	2.1	B		P_	
7440-23-5	Sodium___	178	B		P_	
7440-28-0	Thallium_	0.39	U	W	F_	J
7440-62-2	Vanadium_	19.4			P_	
7440-66-6	Zinc____	1270			P_	
5955-70-0	Cyanide__	4.4	U		C_	

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X114

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-014

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE16

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 18 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	8	J
67-66-3	Chloroform	12	
107-06-2	1,2-Dichloroethane	51	
78-93-3	2-Butanone	40	
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	Trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	15	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	61	
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	210	
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	660	E

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X114

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-014

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE16

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 18 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SUBST. CYCLOHEXANE C8H16	17.17	500	J
2.	SUBST. CYCLOHEXANE C8H16	17.85	600	J
3.	SUBST. CYCLOHEXANE C8H16	18.08	300	J
4.	UNKNOWN HYDROCARBON	18.55	200	J
5.	SUBST. CYCLOHEXANE C9H18	18.91	1000	J
6.	UNKNOWN HYDROCARBON	19.95	500	J
7.	SUBST. CYCLOHEXANE C9H18	20.40	400	J
8.	SUBST. CYCLOHEXANE C9H18	20.91	400	J
9.	UNKNOWN HYDROCARBON C10H20	21.11	500	J
10.	UNKNOWN HYDROCARBON C10H20	21.76	400	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X114DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-014 DL

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE31

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 18 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 50.

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	610	U
74-83-9	Bromomethane	610	U
75-01-4	Vinyl Chloride	610	U
75-00-3	Chloroethane	610	U
75-09-2	Methylene Chloride	610	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	610	UJ
75-35-4	1,1-Dichloroethene	610	U
75-34-3	1,1-Dichloroethane	610	U
540-59-0	1,2-Dichloroethene (total)	610	U
67-66-3	Chloroform	610	U
107-06-2	1,2-Dichloroethane	610	U
78-93-3	2-Butanone	610	U
71-55-6	1,1,1-Trichloroethane	610	U
56-23-5	Carbon Tetrachloride	610	U
75-27-4	Bromodichloromethane	610	U
78-87-5	1,2-Dichloropropane	610	U
10061-01-5	cis-1,3-Dichloropropene	610	U
79-01-6	Trichloroethene	610	U
124-48-1	Dibromochloromethane	610	U
79-00-5	1,1,2-Trichloroethane	610	U
71-43-2	Benzene	610	U
10061-02-6	Trans-1,3-Dichloropropene	610	U
75-25-2	Bromoform	610	U
108-10-1	4-Methyl-2-pentanone	610	U
591-78-6	2-Hexanone	610	U
127-18-4	Tetrachloroethene	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U
108-88-3	Toluene	610	U
108-90-7	Chlorobenzene	610	U
100-41-4	Ethylbenzene	610	U
100-42-5	Styrene	610	U
1330-20-7	Xylene (total)	9100	D

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X114DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-014 DL

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE31

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 18 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 50.

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SUBST. CYCLOHEXANE	21.30	10000	J
2.	UNKNOWN HYDROCARBON	21.79	6000	J
3.	UNKNOWN HYDROCARBON C10H20	23.01	10000	J
4.	SUBST. BENZENE C9H12	23.49	7000	J
5.	UNKNOWN HYDROCARBON	24.56	20000	J
6.	UNKNOWN	24.93	6000	J
7.	UNKNOWN HYDROCARBON	25.10	9000	J
8.	UNKNOWN	25.68	8000	J
9.	SUBST. NAPHTHALENE C10H18	26.21	20000	J
10.	UNKNOWN	26.66	8000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X114

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-014

Sample wt/vol: 30.8 (g/mL) G Lab File ID: AAEH43

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~5.0~~ 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 JJ 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	4000	U
111-44-4	bis(2-Chloroethyl)ether	4000	U
95-57-8	2-Chlorophenol	4000	U
541-73-1	1,3-Dichlorobenzene	4000	U
106-46-7	1,4-Dichlorobenzene	4000	U
95-50-1	1,2-Dichlorobenzene	4000	U
95-48-7	2-Methylphenol	4000	U
108-60-1	bis(2-Chloroisopropyl)ether	4000	U
106-44-5	4-Methylphenol	4000	U
621-64-7	N-Nitroso-Di-n-propylamine	4000	U
67-72-1	Hexachloroethane	4000	U
98-95-3	Nitrobenzene	4000	U
78-59-1	Isophorone	4000	U
88-75-5	2-Nitrophenol	4000	U
105-67-9	2,4-Dimethylphenol	4000	U
111-91-1	bis(2-Chloroethoxy)methane	4000	U
120-83-2	2,4-Dichlorophenol	4000	U
120-82-1	1,2,4-Trichlorobenzene	4000	U
91-20-3	Naphthalene	4900	
106-47-8	4-Chloroaniline	4000	U
87-68-3	Hexachlorobutadiene	4000	U
59-50-7	4-Chloro-3-methylphenol	4000	U
91-57-6	2-Methylnaphthalene	1500	J
77-47-4	Hexachlorocyclopentadiene	4000	U
88-06-2	2,4,6-Trichlorophenol	4000	U
95-95-4	2,4,5-Trichlorophenol	9900	U
91-58-7	2-Chloronaphthalene	4000	U
88-74-4	2-Nitroaniline	9900	U
131-11-3	Dimethylphthalate	4000	U
208-96-8	Acenaphthylene	4000	U
606-20-2	2,6-Dinitrotoluene	4000	U
99-09-2	3-Nitroaniline	9900	U
83-32-9	Acenaphthene	4000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X114

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-014

Sample wt/vol: 30.8 (g/mL) G Lab File ID: AAEH43

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~5.0~~ 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	9900	U
100-02-7	4-Nitrophenol	9900	U
132-64-9	Dibenzofuran	4000	U
121-14-2	2,4-Dinitrotoluene	4000	U
84-66-2	Diethylphthalate	4000	U
7005-72-3	4-Chlorophenyl-phenylether	4000	U
86-73-7	Fluorene	4000	U
100-01-6	4-Nitroaniline	1100	J
534-52-1	4,6-Dinitro-2-methylphenol	9900	U
86-30-6	N-Nitrosodiphenylamine (1)	4000	U
101-55-3	4-Bromophenyl-phenylether	4000	U
118-74-1	Hexachlorobenzene	4000	U
87-86-5	Pentachlorophenol	9900	U
85-01-8	Phenanthrene	1200	J
120-12-7	Anthracene	4000	U
86-74-8	Carbazole	4000	U
84-74-2	Di-n-Butylphthalate	4200	~~B~~
206-44-0	Fluoranthene	1200	J
129-00-0	Pyrene	1100	J
85-68-7	Butylbenzylphthalate	4000	U
91-94-1	3,3'-Dichlorobenzidine	4000	U
56-55-3	Benzo(a)anthracene	530	J
218-01-9	Chrysene	710	J
117-81-7	bis(2-Ethylhexyl)phthalate	800	J
117-84-0	Di-n-Octyl phthalate	4000	U
205-99-2	Benzo(b)fluoranthene	1300	J
207-08-9	Benzo(k)fluoranthene	4000	U
50-32-8	Benzo(a)pyrene	510	J
193-39-5	Indeno(1,2,3-cd)pyrene	460	J
53-70-3	Dibenzo(a,h)anthracene	4000	U
191-24-2	Benzo(g,h,i)perylene	4000	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X114

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-014

Sample wt/vol: 30.8 (g/mL) G

Lab File ID: AAEH43

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 18 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~5.0~~ 10.0

GPC Cleanup: (Y/N) Y pH: 7.0

7-8-93

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	HYDROCARBON (C10H22)	6.68	10000	J
2.	ALKYL BENZENE (C9H12)	7.32	30000	J
3.	HYDROCARBON (C11H24)	7.60	10000	J
4.	HYDROCARBON (C10H22)	8.36	10000	J
5.	HYDROCARBON (C11H24)	8.93	40000	J
6.	HYDROCARBON (C11H24)	9.18	40000	J
7.	HYDROCARBON (C12H26)	9.63	20000	J
8.	HYDROCARBON (C11H24)	9.96	20000	J
9.	HYDROCARBON (C12H26)	10.14	10000	J
10.	ALKYL BENZENE (C10H14)	10.41	20000	J
11.	HYDROCARBON (C11H24)	10.84	60000	J
12.	HYDROCARBON (C12H26)	11.14	20000	J
13.	ALKYL BENZENE (C10H14)	11.22	20000	J
14.	ALKYL BENZENE +UNKNOWN	11.63	10000	J
15.	HYDROCARBON (C12H26)	11.94	10000	J
16.	HYDROCARBON (C12H26)	12.04	10000	J
17.	HYDROCARBON (C12H26)	12.17	20000	J
18.	HYDROCARBON (C13H28)	12.93	30000	J
19.	HYDROCARBON (C13H28)	14.83	20000	J
20.	HYDROCARBON (C14H30)	16.62	20000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X114

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-014

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 06259315.55

% Moisture: 18 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/28/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	UJ
1024-57-3	Heptachlor epoxide	1.2	JP
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	2.8	JP
72-20-8	Endrin	6.9	P
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	4.0	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-015	Valspar X115	% Solids	79.5		%	0.10	
		Cyanide, Total	6.3	u	MG/KG	6.3	
		Sulfide	10.4	u	MG/KG	10.4	R
		Sulfate	84.8		MG/KG	63.5	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-015

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _79.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	11400			P	
7440-36-0	Antimony_	6.3	U	N	P	
7440-38-2	Arsenic__	7.5		SN*	F	pb
7440-39-3	Barium__	157			P	
7440-41-7	Beryllium	0.82	~~B~~ U		P	
7440-43-9	Cadmium__	0.54	U		P	
7440-70-2	Calcium__	8210			P	
7440-47-3	Chromium_	20.7			P	
7440-48-4	Cobalt___	19.6			P	
7440-50-8	Copper___	42.3			P	
7439-89-6	Iron____	32500			P	
7439-92-1	Lead____	69.0		*	P	
7439-95-4	Magnesium	4600			P	
7439-96-5	Manganese	697			P	
7439-97-6	Mercury__	0.13			CV	
7440-02-0	Nickel___	41.9			P	
7440-09-7	Potassium	1770			P	
7782-49-2	Selenium_	0.28	U		F	
7440-22-4	Silver___	1.9			P	
7440-23-5	Sodium___	142	B		P	
7440-28-0	Thallium_	0.40	U		F	J
7440-62-2	Vanadium_	33.0			P	
7440-66-6	Zinc____	145			P	
5955-70-0	Cyanide__	6.3	U		C	

Color Before: BLACK____ Clarity Before: _____ Texture: COARSE

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X115

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-015

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE32

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 21 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	UJ
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	4	J
107-06-2	1,2-Dichloroethane	12	J
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	9	J
71-43-2	Benzene	13	U
10061-02-6	Trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X115

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-015

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE32

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 21 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	23.98	7	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X115

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix:
Matrix: SOIL

Lab Sample ID: 9305G855-015

Sample wt/vol: 30.9 (g/mL) G

Lab File ID: AAEH44

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 21 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)ether	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	49	J
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	79	J
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X115

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-015

Sample wt/vol: 30.9 (g/mL) G

Lab File ID: AAEH44

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 21 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	360	J
120-12-7	Anthracene	48	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-Butylphthalate	410 ~~270~~	~~J~~ U am
206-44-0	Fluoranthene	440	
129-00-0	Pyrene	440	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	220	J
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-Octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	400	J
207-08-9	Benzo(k)fluoranthene	98	J
50-32-8	Benzo(a)pyrene	200	J
193-39-5	Indeno(1,2,3-cd)pyrene	96	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	59	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar XI15

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-015

Sample wt/vol: 30.9 (g/mL) G

Lab File ID: AAEH44

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 21 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

JJ 7-8-93

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE 4.30	~~4.23~~	7000	~~J~~BU Am
2.	DIMETHYLNAPTHALENE ISOMER	17.43	100	J
3.	UNKNOWN HYDROCARBON	17.68	100	J
4.	BUTANOIC ACID ESTER	19.74	300	~~J~~BU Am
5.	UNKNOWN HYDROCARBON	21.49	600	J
6.	UNKNOWN	22.02	100	J
7.	PROMETON	22.12	100	J
8.	UNKNOWN AROMATIC HYDROCARBON	22.37	100	J
9.	HYDROCARBON (C14H40)	24.22	100	J
10.	HEXADECANOIC ACID	25.08	300	J
11.	UNKNOWN HYDROCARBON	25.53	100	J
12.	DIMETHYLPHENANTHRENE ISOMER	26.13	100	J
13.	HYDROCARBON (C19H40)	26.77	200	J
14.	UNKNOWN HYDROCARBON	29.09	100	J
15.	DIOCTYL ESTER ADIPATE	30.06	100	J
16.	UNKNOWN HYDROCARBON	31.21	200	J
17.	UNKNOWN HYDROCARBON	32.23	100	J
18.	UNKNOWN	33.22	200	J
19.	BENZO(A)PYRENE ISOMER	34.95	300	J
20.	UNKNOWN HYDROCARBON	37.53	300	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X115

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-015

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 06259315.56

% Moisture: 21 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/28/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	UJ
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	0.82	JP
72-20-8	Endrin	2.1	JP
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	3.7	P
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-016	Valspar X116	% Solids	76.8		%	0.10	
		Cyanide, Total	6.5	u	MG/KG	6.5	
		Sulfide	10.8	u	MG/KG	10.8	R
		Sulfate	101		MG/KG	63.2	

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-016

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	714			P_	
7440-36-0	Antimony_	8.0	U	N	P_	J
7440-38-2	Arsenic__	0.90	B	WN*	F_	J
7440-39-3	Barium__	20.2	B		P_	
7440-41-7	Beryllium	0.19	U		P_	
7440-43-9	Cadmium__	0.69	U		P_	
7440-70-2	Calcium__	926	B		P_	
7440-47-3	Chromium_	4.8			P_	
7440-48-4	Cobalt__	3.0	B		P_	
7440-50-8	Copper__	5.7	B		P_	
7439-89-6	Iron____	2870			P_	
7439-92-1	Lead____	57.7		*	P_	
7439-95-4	Magnesium	569	B		P_	
7439-96-5	Manganese	25.1			P_	
7439-97-6	Mercury__	0.48			CV	
7440-02-0	Nickel__	3.6	U		P_	
7440-09-7	Potassium	239	U		P_	
7782-49-2	Selenium_	0.29	U		F_	
7440-22-4	Silver__	1.1	U		P_	
7440-23-5	Sodium__	23.8	~~B~~ U		P_	
7440-28-0	Thallium_	0.41	U	W	F_	J
7440-62-2	Vanadium_	2.6	B		P_	
7440-66-6	Zinc____	101			P_	
5955-70-0	Cyanide__	6.5	U		C_	

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: COLOLESS Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X116

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-016

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE18

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 23 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 10.

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	130	U
74-83-9	Bromomethane	130	U
75-01-4	Vinyl Chloride	130	U
75-00-3	Chloroethane	130	U
75-09-2	Methylene Chloride	130	U
67-64-1	Acetone	130	U
75-15-0	Carbon Disulfide	130	UJ
75-35-4	1,1-Dichloroethene	130	U
75-34-3	1,1-Dichloroethane	130	U
540-59-0	1,2-Dichloroethene (total)	130	U
67-66-3	Chloroform	130	U
107-06-2	1,2-Dichloroethane	130	U
78-93-3	2-Butanone	130	U
71-55-6	1,1,1-Trichloroethane	130	U
56-23-5	Carbon Tetrachloride	130	U
75-27-4	Bromodichloromethane	130	U
78-87-5	1,2-Dichloropropane	130	U
10061-01-5	cis-1,3-Dichloropropene	130	U
79-01-6	Trichloroethene	130	U
124-48-1	Dibromochloromethane	130	U
79-00-5	1,1,2-Trichloroethane	130	U
71-43-2	Benzene	130	U
10061-02-6	Trans-1,3-Dichloropropene	130	U
75-25-2	Bromoform	130	U
108-10-1	4-Methyl-2-pentanone	130	U
591-78-6	2-Hexanone	130	U
127-18-4	Tetrachloroethene	130	U
79-34-5	1,1,2,2-Tetrachloroethane	130	U
108-88-3	Toluene	130	U
108-90-7	Chlorobenzene	130	U
100-41-4	Ethylbenzene	130	U
100-42-5	Styrene	130	U
1330-20-7	Xylene (total)	130	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X116

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-016

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE18

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 23 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 10.

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKOWN HYDROCARBON C10H20	23.21	70	J
2.	UNKNOWN HYDROCARBON	24.31	100	J
3.	UNKNOWN	24.69	100	J
4.	UNKNOWN AROMATIC HC C9H10	26.16	200	J
5.	SUBST. NAPHTHALENE C10H18	26.35	300	J
6.	SUBST. CYCLOHEXANE	26.83	100	J
7.	UNKNOWN AROMATIC HYDROCARBON	27.56	500	J
8.	UNKNOWN HYDROCARBON	27.90	200	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X116

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-016

Sample wt/vol: 30.2 (g/mL) G Lab File ID: AAEH47

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X116

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-016

Sample wt/vol: 30.2 (g/mL) G Lab File ID: AAEH47

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 78-43

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	56	J
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-Butylphthalate	430	~~B~~U am
206-44-0	Fluoranthene	120	J
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	72	J
218-01-9	Chrysene	93	J
117-81-7	bis(2-Ethylhexyl)phthalate	220	J
117-84-0	Di-n-Octyl phthalate	430	UJ
205-99-2	Benzo(b)fluoranthene	520	J
207-08-9	Benzo(k)fluoranthene	130	J
50-32-8	Benzo(a)pyrene	190	J
193-39-5	Indeno(1,2,3-cd)pyrene	150	J
53-70-3	Dibenzo(a,h)anthracene	430	UJ
191-24-2	Benzo(g,h,i)perylene	100	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X116

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-016

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: AAEH47

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 23 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y

pH: 7.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.34	9000	~~J~~ U
2.	UNKNOWN	11.09	1000	J
3.	UNKNOWN	11.41	3000	J
4.	UNKNOWN	12.91	1000	J
5.	HYDROCARBON (C13H28)	13.26	3000	J
6.	UNKNOWN	13.42	1000	J
7.	UNKNOWN	14.28	4000	J
8.	HYDROCARBON (C14H30)	14.47	2000	J
9.	UNKNOWN CYCLIC HYDROCARBON	14.78	1000	J
10.	HYDROCARBON (C14H30)	15.17	1000	J
11.	HYDROCARBON (C14H30)	15.29	2000	J
12.	HYDROCARBON (C14H30)	15.60	1000	J
13.	UNKNOWN CYCLIC HYDROCARBON	15.80	1000	J
14.	HYDROCARBON (C11H24)	16.36	3000	J
15.	HYDROCARBON (C16H34)	17.77	2000	J
16.	HYDROCARBON (C18H38)	21.48	2000	J
17.	UNKNOWN	24.79	800	J
18.	UNKNOWN	25.39	1000	J
19.	UNKNOWN	25.90	2000	J
20.	UNKNOWN	26.19	2000	J

7-19-93 KF
7-9-93

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X116

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-016

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 06259315.16

% Moisture: 23 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	21	U
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC (Lindane)	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	21	UJ
1024-57-3	Heptachlor epoxide	21	U
959-98-8	Endosulfan I	59	P
60-57-1	Dieldrin	43	U
72-55-9	4,4'-DDE	43	UJ
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	4,4'-DDD	35	JP
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	19	JP
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	43	U
7421-93-4	Endrin aldehyde	43	U
5103-71-9	alpha-Chlordane	21	U
5103-74-2	gamma-Chlordane	21	U
8001-35-2	Toxaphene	2100	U
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	850	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	12000	PC
11096-82-5	Aroclor-1260	430	U

am 8/25/93

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X116DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-016 DL

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 06259315.13

% Moisture: 23 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 100

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	210	U
319-85-7	beta-BHC	210	U
319-86-8	delta-BHC	210	U
58-89-9	gamma-BHC (Lindane)	210	U
76-44-8	Heptachlor	210	U
309-00-2	Aldrin	210	UJ
1024-57-3	Heptachlor epoxide	210	U
959-98-8	Endosulfan I	67	JPD
60-57-1	Dieldrin	430	U
72-55-9	4,4'-DDE	430	UJ
72-20-8	Endrin	430	U
33213-65-9	Endosulfan II	430	U
72-54-8	4,4'-DDD	430	U
1031-07-8	Endosulfan sulfate	430	U
50-29-3	4,4'-DDT	430	U
72-43-5	Methoxychlor	2100	U
53494-70-5	Endrin ketone	430	U
7421-93-4	Endrin aldehyde	430	U
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	21000	U
12674-11-2	Aroclor-1016	4300	U
11104-28-2	Aroclor-1221	8500	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	15000	DPe
11096-82-5	Aroclor-1260	4300	U

am 8/25/93

Deborah L. Koerbert 7/8/93

FORM 1 PEST 3/90

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-017	Valspar X117	% Solids	82.5		%	0.10	
		Cyanide, Total	5.5	u	MG/KG	5.5	
		Sulfide	9.9	u	MG/KG	9.9	R
		Sulfate	60.6	u	MG/KG	60.6	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X117

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-017

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _82.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	12600			P	
7440-36-0	Antimony_	5.5	U	N	P	
7440-38-2	Arsenic__	15.5		SN*	F	J
7440-39-3	Barium___	142			P	
7440-41-7	Beryllium	0.65	B		P	
7440-43-9	Cadmium__	1.0			P	
7440-70-2	Calcium__	13100			P	
7440-47-3	Chromium_	24.9			P	
7440-48-4	Cobalt___	9.2			P	
7440-50-8	Copper___	48.2			P	
7439-89-6	Iron____	22500			P	
7439-92-1	Lead____	563		*	P	
7439-95-4	Magnesium	6940			P	
7439-96-5	Manganese	414			P	
7439-97-6	Mercury__	0.22			CV	
7440-02-0	Nickel___	28.2			P	
7440-09-7	Potassium	2710			P	
7782-49-2	Selenium_	0.65	B	W	F	J
7440-22-4	Silver___	0.95	B		P	
7440-23-5	Sodium___	205	B		P	
7440-28-0	Thallium_	0.40	U	W	F	J
7440-62-2	Vanadium_	28.7			P	
7440-66-6	Zinc____	229			P	
5955-70-0	Cyanide__	5.5	U		C	

Color Before: BLACK____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X117

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-017

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZF19

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 18 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	39	~~B~~U am
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	15	
107-06-2	1,2-Dichloroethane	18	
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	21	
71-43-2	Benzene	12	U
10061-02-6	Trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Valspar X117

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-017

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE19

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 18 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X117

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-017

Sample wt/vol: 31.0 (g/mL) G Lab File ID: AAEH48

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

B 7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	57	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	81	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	56	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X117

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-017

Sample wt/vol: 31.0 (g/mL) G Lab File ID: AAEH48

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 7.8.93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	49	J
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	63	J
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	850	
120-12-7	Anthracene	150	J
86-74-8	Carbazole	110	J
84-74-2	Di-n-Butylphthalate	390 ~~270~~	~~J~~ U am
206-44-0	Fluoranthene	1400	
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	110	J
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	850	
218-01-9	Chrysene	780	
117-81-7	bis(2-Ethylhexyl)phthalate	880	
117-84-0	Di-n-Octyl phthalate	390	UJ
205-99-2	Benzo(b)fluoranthene	1900	J
207-08-9	Benzo(k)fluoranthene	350	J
50-32-8	Benzo(a)pyrene	660	J
193-39-5	Indeno(1,2,3-cd)pyrene	240	J
53-70-3	Dibenzo(a,h)anthracene	52	J
191-24-2	Benzo(g,h,i)perylene	55	J

(I) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X117

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-017

Sample wt/vol: 31.0 (g/mL) G

Lab File ID: AAEH48

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 18 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

7-8-93

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.31	7000	~~1B~~U am
2.	HYDROCARBON (C15H32)	17.59	200	~~2~~J
3.	BUTANOIC ACID ESTER	19.66	400	~~1B~~U am
4.	HYDROCARBON (C14H32)	21.38	500	J
5.	UNKNOWN	21.94	200	J
6.	UNKNOWN	22.29	200	J
7.	UNKNOWN KETONE	23.35	100	J
8.	UNKNOWN PHTHALATE	23.62	200	J
9.	HYDROCARBON (C19H40)	24.13	100	J
10.	UNKNOWN ACID	25.06	700	J
11.	HYDROCARBON(C20H42)	26.69	200	J
12.	UNKNOWN	26.83	100	J
13.	ACID (C18H36O2)	27.51	100	J
14.	DDE ISOMER	27.72	600	J
15.	DDD ISOMER	28.79	300	J
16.	DDD ISOMER	29.70	300	J
17.	UNKNOWN HYDROCARBON	33.15	400	J
18.	UNKNOWN 34.48	~~34.38~~	500	J am
19.	UNKNOWN HYDROCARBON	37.50	800	J
20.	UNKNOWN AROMATIC HYDROCARBON	39.79	400	J

7-9-93

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X117

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-017

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 06259315.14

% Moisture: 18 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q	
319-84-6	alpha-BHC	20	U	
319-85-7	beta-BHC	20	U	
319-86-8	delta-BHC	20	U	
58-89-9	gamma-BHC (Lindane)	20	U	
76-44-8	Heptachlor	20	U	
309-00-2	Aldrin	20	UJ	
1024-57-3	Heptachlor epoxide	20	U	
959-98-8	Endosulfan I	20	U	
60-57-1	Dieldrin	40	U	
72-55-9	4,4'-DDE	1400	JC	8/25/93
72-20-8	Endrin	40	U	
33213-65-9	Endosulfan II	40	U	
72-54-8	4,4'-DDD	90	P	
1031-07-8	Endosulfan sulfate	40	U	
50-29-3	4,4'-DDT	1600	C	8/25/93
72-43-5	Methoxychlor	200	U	
53494-70-5	Endrin ketone	40	U	
7421-93-4	Endrin aldehyde	40	U	
5103-71-9	alpha-Chlordane	20	U	
5103-74-2	gamma-Chlordane	20	U	
8001-35-2	Toxaphene	2000	U	
12674-11-2	Aroclor-1016	400	U	
11104-28-2	Aroclor-1221	790	U	
11141-16-5	Aroclor-1232	400	U	
53469-21-9	Aroclor-1242	400	U	
12672-29-6	Aroclor-1248	400	U	
11097-69-1	Aroclor-1254	400	U	
11096-82-5	Aroclor-1260	400	U	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X117DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-017 DL

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 06259315.57

% Moisture: 18 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/28/93

Injection Volume: 1.0(uL) Dilution Factor: 100

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q	
319-84-6	alpha-BHC	200	U	
319-85-7	beta-BHC	200	U	
319-86-8	delta-BHC	200	U	
58-89-9	gamma-BHC (Lindane)	200	U	
76-44-8	Heptachlor	200	U	
309-00-2	Aldrin	200	UJ	
1024-57-3	Heptachlor epoxide	200	U	
959-98-8	Endosulfan I	200	U	
60-57-1	Dieldrin	400	U	
72-55-9	4,4'-DDE	1100	PDJC	am 8/25/93
72-20-8	Endrin	400	U	
33213-65-9	Endosulfan II	400	U	
72-54-8	4,4'-DDD	95	JPD	
1031-07-8	Endosulfan sulfate	400	U	
50-29-3	4,4'-DDT	1700	DC	am 8/25/93
72-43-5	Methoxychlor	2000	U	
53494-70-5	Endrin ketone	400	U	
7421-93-4	Endrin aldehyde	400	U	
5103-71-9	alpha-Chlordane	200	UJ	
5103-74-2	gamma-Chlordane	200	UJ	
8001-35-2	Toxaphene	20000	U	
12674-11-2	Aroclor-1016	4000	U	
11104-28-2	Aroclor-1221	7900	U	
11141-16-5	Aroclor-1232	4000	U	
53469-21-9	Aroclor-1242	4000	U	
12672-29-6	Aroclor-1248	4000	U	
11097-69-1	Aroclor-1254	4000	U	
11096-82-5	Aroclor-1260	4000	U	

Deborah L. Koerbert 7/8/93

FORM 1 PEST 3/90

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 06/30/93

CLIENT: Illinois EPA
WORK ORDER: 01104-009-001-0000-00

WESTON BATCH #: 9305G855

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	
-018	Valspar X118	% Solids	83.5		%	0.10	
		Cyanide, Total	6.0	u	MG/KG	6.0	
		Sulfide	10	u	MG/KG	10	R
		Sulfate	61.8		MG/KG	59.3	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

X118

Lab Name: WESTON_GULF_COAST_LAB____ Contract: _____

Lab Code: WESGCL Case No.: _____ SAS No.: _____ SDG No.: X101__

Matrix (soil/water): SOIL_ Lab Sample ID: 9305G855-013

Level (low/med): LOW__ Date Received: 05/19/93

% Solids: _83.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum_	12800			P	
7440-36-0	Antimony_	8.0	U	N	P	J
7440-38-2	Arsenic__	17.6		SN*	F	J
7440-39-3	Barium___	195			P	
7440-41-7	Beryllium	1.0	~~B~~	U	P	
7440-43-9	Cadmium__	4.1			P	
7440-70-2	Calcium__	13200			P	
7440-47-3	Chromium_	63.7			P	
7440-48-4	Cobalt___	11.2	B		P	
7440-50-8	Copper___	131			P	
7439-89-6	Iron____	23300			P	
7439-92-1	Lead____	1260		*	P	
7439-95-4	Magnesium	6330			P	
7439-96-5	Manganese	353			P	
7439-97-6	Mercury__	0.53			CV	
7440-02-0	Nickel___	48.9			P	
7440-09-7	Potassium	2590			P	
7782-49-2	Selenium_	2.7		S	F	
7440-22-4	Silver___	2.2	B		P	
7440-23-5	Sodium___	92.4	B		P	
7440-28-0	Thallium_	0.36	U	W	F	J
7440-62-2	Vanadium_	27.7			P	
7440-66-6	Zinc____	547			P	
5955-70-0	Cyanide__	4.2	U		C	

Color Before: BLACK____ Clarity Before: _____ Texture: COARSE

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X118

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-0

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-018

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE20

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 17 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	11	J
107-06-2	1,2-Dichloroethane	11	J
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	
71-43-2	Benzene	12	U
10061-02-6	Trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	UJ
79-34-5	1,1,2,2-Tetrachloroethane	12	UJ
108-88-3	Toluene	12	UJ
108-90-7	Chlorobenzene	12	UJ
100-41-4	Ethylbenzene	12	UJ
100-42-5	Styrene	12	UJ
1330-20-7	Xylene (total)	12	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X118

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-018

Sample wt/vol: 5.00 (g/mL) G Lab File ID: CRZE20

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: not dec. 17 Date Analyzed: 05/28/93

GC Column: ID: ____(mm) Dilution Factor: 1.0

Soil Extract Volume: 10000(uL) Soil Aliquot Volume: 100(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

FORM 1 VOA-TIC 3/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X118

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-018

Sample wt/vol: 30.9 (g/mL) G Lab File ID: AAEH49

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

7-8-93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	180	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	140	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	140	J
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	190	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X118

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL Lab Sample ID: 9305G855-018

Sample wt/vol: 30.9 (g/mL) G Lab File ID: AAEH49

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/23/93

Injection Volume: 2.0(uL) Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 7.8.93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	130	J
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	230	J
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	2100	
120-12-7	Anthracene	390	
86-74-8	Carbazole	260	J
84-74-2	Di-n-Butylphthalate	390 ~~380~~	~~JB~~U an
206-44-0	Fluoranthene	2800	
129-00-0	Pyrene		E
85-68-7	Butylbenzylphthalate	390	
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	2000	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate		E
117-84-0	Di-n-Octyl phthalate	94	J
205-99-2	Benzo(b)fluoranthene		EJ
207-08-9	Benzo(k)fluoranthene	840	J
50-32-8	Benzo(a)pyrene	1600	J
193-39-5	Indeno(1,2,3-cd)pyrene	560	J
53-70-3	Dibenzo(a,h)anthracene	130	J
191-24-2	Benzo(g,h,i)perylene	420	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X118

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL

Lab Sample ID: 9305G855-018

Sample wt/vol: 30.9 (g/mL) G

Lab File ID: AAEH49

Level: (low/med) LOW

Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL)

Date Analyzed: 06/23/93

Injection Volume: 2.0(uL)

Dilution Factor: ~~0.50~~ 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

7-8-93

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

Number TICs found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.3	7000	~~J~~BU
2.	BUTANOIC ACID ESTER	19.65	400	~~J~~BU
3.	HYDROCARBON (C18H38)	21.39	500	J
4.	UNKNOWN	22.30	200	J
5.	HYDROCARBON (C19H40)	24.13	200	J
6.	UNKNOWN AROMATIC HYDROCARBON	24.29	300	J
7.	UNKNOWN AROMATIC HYDROCARBON	24.38	200	J
8.	UNKNOWN	24.58	400	J
9.	HEXADECANOIC ACID	25.07	700	J
10.	UNKNOWN AROMATIC HYDROCARBON	25.26	300	J
11.	UNKNOWN HYDROCARBON	25.34	200	J
12.	HYDROCARBON (C21H44)	26.70	200	J
13.	ACID (C18H36O2)	27.53	200	J
14.	UNKNOWN	27.77	200	J
15.	UNKNOWN AROMATIC HYDROCARBON	28.25	200	J
16.	UNKNOWN CYCLIC HYDROCARBON	29.03	200	J
17.	UNKNOWN	30.46	200	J
18.	UNKNOWN HYDROCARBON	33.17	600	J
19.	UNKNOWN	34.47	800	J
20.	UNKNOWN HYDROCARBON	~~37.45~~ 37.47	500	~~J~~J

7-9-93

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X118DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL AZH 7-9-93 Lab Sample ID: 9305G855-018 DL

Sample wt/vol: ~~4.00~~ 30.9 (g/mL) G Lab File ID: AAEH71

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.0~~ 4.0

GPC Cleanup: (Y/N) Y pH: 6.0 JJ 7.8.93

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	NA	
111-44-4	bis(2-Chloroethyl)ether	NA	
95-57-8	2-Chlorophenol	NA	
541-73-1	1,3-Dichlorobenzene	NA	
106-46-7	1,4-Dichlorobenzene	NA	
95-50-1	1,2-Dichlorobenzene	NA	
95-48-7	2-Methylphenol	NA	
108-60-1	bis(2-Chloroisopropyl)ether	NA	
106-44-5	4-Methylphenol	NA	
621-64-7	N-Nitroso-Di-n-propylamine	NA	
67-72-1	Hexachloroethane	NA	
98-95-3	Nitrobenzene	NA	
78-59-1	Isophorone	NA	
88-75-5	2-Nitrophenol	NA	
105-67-9	2,4-Dimethylphenol	NA	
111-91-1	bis(2-Chloroethoxy)methane	NA	
120-83-2	2,4-Dichlorophenol	NA	
120-82-1	1,2,4-Trichlorobenzene	NA	
91-20-3	Naphthalene	NA	
106-47-8	4-Chloroaniline	NA	
87-68-3	Hexachlorobutadiene	NA	
59-50-7	4-Chloro-3-methylphenol	NA	
91-57-6	2-Methylnaphthalene	NA	
77-47-4	Hexachlorocyclopentadiene	NA	
88-06-2	2,4,6-Trichlorophenol	NA	
95-95-4	2,4,5-Trichlorophenol	NA	
91-58-7	2-Chloronaphthalene	NA	
88-74-4	2-Nitroaniline	NA	
131-11-3	Dimethylphthalate	NA	
208-96-8	Acenaphthylene	NA	
606-20-2	2,6-Dinitrotoluene	NA	
99-09-2	3-Nitroaniline	NA	
83-32-9	Acenaphthene	NA	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Valspar X118DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL 30.9 HH 7-9-93 Lab Sample ID: 9305G855-018 DL

Sample wt/vol: ~~4.00~~ (g/mL) G Lab File ID: AAEH71

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.0~~ 4.0 HH 7-9-93

GPC Cleanup: (Y/N) Y pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	NA	
100-02-7	4-Nitrophenol	NA	
132-64-9	Dibenzofuran	NA	
121-14-2	2,4-Dinitrotoluene	NA	
84-66-2	Diethylphthalate	NA	
7005-72-3	4-Chlorophenyl-phenylether	NA	
86-73-7	Fluorene	NA	
100-01-6	4-Nitroaniline	NA	
534-52-1	4,6-Dinitro-2-methylphenol	NA	
86-30-6	N-Nitrosodiphenylamine (1)	NA	
101-55-3	4-Bromophenyl-phenylether	NA	
118-74-1	Hexachlorobenzene	NA	
87-86-5	Pentachlorophenol	NA	
85-01-8	Phenanthrene	NA	
120-12-7	Anthracene	NA	
86-74-8	Carbazole	NA	
84-74-2	Di-n-Butylphthalate	NA	
206-44-0	Fluoranthene	NA	
129-00-0	Pyrene	2900	
85-68-7	Butylbenzylphthalate	NA	
91-94-1	3,3'-Dichlorobenzidine	NA	
56-55-3	Benzo(a)anthracene	NA	
218-01-9	Chrysene	NA	
117-81-7	bis(2-Ethylhexyl)phthalate	2900	
117-84-0	Di-n-Octyl phthalate	NA	
205-99-2	Benzo(b)fluoranthene	2800	J
207-08-9	Benzo(k)fluoranthene	NA	
50-32-8	Benzo(a)pyrene	NA	
193-39-5	Indeno(1,2,3-cd)pyrene	NA	
53-70-3	Dibenzo(a,h)anthracene	NA	
191-24-2	Benzo(g,h,i)perylene	NA	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Valspar X118DL

Lab Name: Roy F. Weston, Inc. Work Order: 01104-009-001-0

Client: Illinois EPA

Matrix: SOIL HAH 7-9-93 Lab Sample ID: 9305G855-018 DL

Sample wt/vol: ~~4.00~~ 30.9 (g/mL) G Lab File ID: AAEH71

Level: (low/med) LOW Date Received: 05/19/93

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/25/93

Concentrated Extract Volume: 500(uL) Date Analyzed: 06/24/93

Injection Volume: 2.0(uL) Dilution Factor: ~~2.0~~ 4.0 HAH 7-9-93

GPC Cleanup: (Y/N) Y pH: 6.0

Number TICs found: 18 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	4.10	6000	~~J~~ Buan HAH
2.	PROPANOIC ACID ESTER	19.61	400	~~J~~ Buan HAH
3.	UNKNOWN HYDROCARBON	21.34	400	J
4.	UNKNOWN	25.20	400	J
5.	UNKNOWN	26.19	300	J
6.	UNKNOWN	28.20	700	J
7.	UNKNOWN HYDROCARBON	31.10	600	J
8.	UNKNOWN HYDROCARBON	33.10	1000	J
9.	UNKNOWN	34.40	2000	J
10.	UNKNOWN HYDROCARBON	34.99	2000	J
11.	UNKNOWN CYCLIC HYDROCARBON	35.08	3000	J
12.	UNKNOWN	36.64	800	J
13.	UNKNOWN HYDROCARBON	37.41	3000	J
14.	UNKNOWN	39.67	1000	J
15.	UNKNOWN	39.79	700	J
16.	UNKNOWN HYDROCARBON	40.84	800	J
17.	UNKNOWN	41.21	500	J
18.	UNKNOWN	41.34	500	J

7-9-93

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X118

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-018

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 06259315.58

% Moisture: 17 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/28/93

Injection Volume: 1.0(uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	UJ
1024-57-3	Heptachlor epoxide	2.0	P
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	1.6	JP
72-55-9	4,4'-DDE	57	J
72-20-8	Endrin	7.9	P
33213-65-9	Endosulfan II	4.3	P
72-54-8	4,4'-DDD	10	P
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	89	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	11	P
5103-74-2	gamma-Chlordane	4.7	P
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Valspar X118DL

Lab Name: Roy F. Weston, Inc. Contract: 01104-009-001-0000-00

Lab Code: WESTON Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: 9305G855-018 DL

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 06259315.15

% Moisture: 17 decanted: (Y/N) N Date Received: 05/19/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/22/93

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/26/93

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) _

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	UJ
1024-57-3	Heptachlor epoxide	3.6	JPD
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	18	JPD
72-55-9	4,4'-DDE	72	DJ
72-20-8	Endrin	8.3	JDP
33213-65-9	Endosulfan II	7.5	JPD
72-54-8	4,4'-DDD	18	JDP
1031-07-8	Endosulfan sulfate	40	U
50-29-3	4,4'-DDT	130	D
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	40	U
7421-93-4	Endrin aldehyde	40	U
5103-71-9	alpha-Chlordane	24	DP
5103-74-2	gamma-Chlordane	8.3	JPD
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	400	U
11104-28-2	Aroclor-1221	790	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U
11096-82-5	Aroclor-1260	400	U

Deborah L. Koehart 7/8/93

FORM 1 PEST 3/90