



**Pace Analytical Services, Inc.**  
1000 Riverbend Blvd. Suite F  
Saint Rose, LA 70087

Phone: 504.469.0333  
Fax: 504.469.0555  
LELAP # 02006

November 09, 2005

Wilma Subra  
SUBRA COMPANY  
3814 Old Jeanerette Road  
New Iberia, LA 70562-9813

RE: Project: 2054872  
RE: Project ID: ANALYSES

Dear Wilma Subra:

Enclosed are the analytical results for sample(s) received by the laboratory on October 25, 2005. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cindy Olavesen



**REPORT OF LABORATORY ANALYSIS**

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Report of Laboratory Analysis  
Project Number: 2054872





# Sample Cross Reference Report

**Pace Analytical Services, Inc.**  
1000 Riverbend Blvd. Suite F  
St. Rose, LA 70087  
Phone: 504.469.0333  
Fax: 504.469.0555  
LELAP # 02006

**Client:** SUBRA COMPANY

**Project:** ANALYSES

**Project No.:** 2054872

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
L-01	20408004	Soil	10/23/2005	10:05	10/25/2005	14:30
L-02	20408005	Soil	10/23/2005	10:40	10/25/2005	14:30
L-03	20408006	Soil	10/23/2005	12:00	10/25/2005	14:30
L-04	20408007	Soil	10/23/2005	12:25	10/25/2005	14:30
L-05	20408008	Soil	10/23/2005	15:05	10/25/2005	14:30
L-06	20408009	Soil	10/23/2005	16:30	10/25/2005	14:30

11/9/2005 07:16:27

New Orleans Laboratory Certifications  
Louisiana Dept. of Environmental Quality (LELAP) - 02006  
Puerto Rico - 3449  
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
Kansas Dept. of Health Environmental/ELWHW - E-10266  
U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-01

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408004

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 20:42 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		333.	
208-96-8	Acenaphthylene	1	ND		333.	
120-12-7	Anthracene	1	ND		333.	
56-55-3	Benzo(a)anthracene	1	ND		333.	
205-99-2	Benzo(b)fluoranthene	1	ND		333.	
207-08-9	Benzo(k)fluoranthene	1	ND		333.	
65-85-0	Benzoic acid	1	ND	A99	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		333.	
50-32-8	Benzo(a)pyrene	1	ND		333.	
100-51-6	Benzyl alcohol	1	ND	A99	333.	
101-55-3	4-Bromophenyl-phenylether	1	ND		333.	
85-68-7	Butylbenzylphthalate	1	ND		333.	
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.	
86-74-8	Carbazole	1	ND		333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.	
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.	
59-50-7	4-Chloro-3-methylphenol (p-Chloro-m-cresol)	1	ND	A99	333.	
91-58-7	2-Chloronaphthalene	1	ND		333.	
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.	
7005-72-3	4-Chlorophenyl phenyl ether	1	ND		333.	
218-01-9	Chrysene	1	ND		333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		333.	
132-64-9	Dibenzofuran	1	ND		333.	
84-74-2	Di-n-butylphthalate	1	ND		333.	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)	1	ND		333.	
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)	1	ND		333.	
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)	1	ND		333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.	
120-83-2	2,4-Dichlorophenol	1	ND		333.	
84-66-2	Diethylphthalate	1	ND		333.	
105-67-9	2,4-Dimethylphenol	1	ND		333.	
131-11-3	Dimethylphthalate	1	ND		333.	

11/9/2005 07:16:27

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.  
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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-01

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408004

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 20:42 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
534-52-1	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	1	ND	A99	833.	
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.	
121-14-2	2,4-Dinitrotoluene	1	ND		333.	
606-20-2	2,6-Dinitrotoluene	1	ND		333.	
117-84-0	Di-n-octylphthalate	1	ND		333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.	
206-44-0	Fluoranthene	1	ND		333.	
86-73-7	Fluorene	1	ND		333.	
118-74-1	Hexachlorobenzene	1	ND		333.	
87-68-3	Hexachlorobutadiene	1	ND		333.	
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.	
67-72-1	Hexachloroethane	1	ND		333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.	
78-59-1	Isophorone	1	ND		333.	
91-57-6	2-Methylnaphthalene	1	ND		333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.	
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	333.	
91-20-3	Naphthalene	1	ND		333.	
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.	
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.	
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.	
98-95-3	Nitrobenzene	1	ND		333.	
88-75-5	2-Nitrophenol (o-Nitrophenol)	1	ND		333.	
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.	
86-30-6	N-Nitrosodiphenylamine (Diphenylamine)	1	ND	A10	333.	
87-86-5	Pentachlorophenol	1	ND	A99	833.	
85-01-8	Phenanthrene	1	ND		333.	
108-95-2	Phenol	1	ND		333.	
129-00-0	Pyrene	1	ND		333.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		333.	
95-95-4	2,4,5-Trichlorophenol	1	ND		833.	
88-06-2	2,4,6-Trichlorophenol	1	ND		333.	

11/9/2005 07:16:27

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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-01

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408004

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 20:42 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
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66 compound(s) reported

11/9/2005 07:16:27

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# Report of Laboratory Analysis

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 St. Rose, LA 70087  
 Phone: 504.469.0333  
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 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-02

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408005

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 21:11 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		333.	
208-96-8	Acenaphthylene	1	ND		333.	
120-12-7	Anthracene	1	ND		333.	
56-55-3	Benzo(a)anthracene	1	ND		333.	
205-99-2	Benzo(b)fluoranthene	1	ND		333.	
207-08-9	Benzo(k)fluoranthene	1	ND		333.	
65-85-0	Benzoic acid	1	ND	A99	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		333.	
50-32-8	Benzo(a)pyrene	1	ND		333.	
100-51-6	Benzyl alcohol	1	ND	A99	333.	
101-55-3	4-Bromophenyl-phenylether	1	ND		333.	
85-68-7	Butylbenzylphthalate	1	ND		333.	
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.	
86-74-8	Carbazole	1	ND		333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.	
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.	
59-50-7	4-Chloro-3-methylphenol (p-Chloro-m-cresol)	1	ND	A99	333.	
91-58-7	2-Chloronaphthalene	1	ND		333.	
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.	
7005-72-3	4-Chlorophenyl phenyl ether	1	ND		333.	
218-01-9	Chrysene	1	ND		333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		333.	
132-64-9	Dibenzofuran	1	ND		333.	
84-74-2	Di-n-butylphthalate	1	ND		333.	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)	1	ND		333.	
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)	1	ND		333.	
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)	1	ND		333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.	
120-83-2	2,4-Dichlorophenol	1	ND		333.	
84-66-2	Diethylphthalate	1	ND		333.	
105-67-9	2,4-Dimethylphenol	1	ND		333.	
131-11-3	Dimethylphthalate	1	ND		333.	

11/9/2005 07:16:27

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 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-02

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408005

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 21:11 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
534-52-1	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	1	ND	A99	833.	
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.	
121-14-2	2,4-Dinitrotoluene	1	ND		333.	
606-20-2	2,6-Dinitrotoluene	1	ND		333.	
117-84-0	Di-n-octylphthalate	1	ND		333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.	
206-44-0	Fluoranthene	1	ND		333.	
86-73-7	Fluorene	1	ND		333.	
118-74-1	Hexachlorobenzene	1	ND		333.	
87-68-3	Hexachlorobutadiene	1	ND		333.	
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.	
67-72-1	Hexachloroethane	1	ND		333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.	
78-59-1	Isophorone	1	ND		333.	
91-57-6	2-Methylnaphthalene	1	ND		333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.	
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	333.	
91-20-3	Naphthalene	1	ND		333.	
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.	
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.	
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.	
98-95-3	Nitrobenzene	1	ND		333.	
88-75-5	2-Nitrophenol (o-Nitrophenol)	1	ND		333.	
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.	
86-30-6	N-Nitrosodiphenylamine (Diphenylamine)	1	ND	A10	333.	
87-86-5	Pentachlorophenol	1	ND	A99	833.	
85-01-8	Phenanthrene	1	ND		333.	
108-95-2	Phenol	1	ND		333.	
129-00-0	Pyrene	1	ND		333.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		333.	
95-95-4	2,4,5-Trichlorophenol	1	ND		833.	
88-06-2	2,4,6-Trichlorophenol	1	ND		333.	

11/9/2005 07:16:27

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 Phone: 504.469.0333  
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 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-02

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408005

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 21:11 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
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66 compound(s) reported

11/9/2005 07:16:27

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 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-03

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408006

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 21:39 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		333.	
208-96-8	Acenaphthylene	1	ND		333.	
120-12-7	Anthracene	1	ND		333.	
56-55-3	Benzo(a)anthracene	1	ND		333.	
205-99-2	Benzo(b)fluoranthene	1	ND		333.	
207-08-9	Benzo(k)fluoranthene	1	ND		333.	
65-85-0	Benzoic acid	1	ND	A99	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		333.	
50-32-8	Benzo(a)pyrene	1	ND		333.	
100-51-6	Benzyl alcohol	1	ND	A99	333.	
101-55-3	4-Bromophenyl-phenylether	1	ND		333.	
85-68-7	Butylbenzylphthalate	1	ND		333.	
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.	
86-74-8	Carbazole	1	ND		333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.	
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.	
59-50-7	4-Chloro-3-methylphenol (p-Chloro-m-cresol)	1	ND	A99	333.	
91-58-7	2-Chloronaphthalene	1	ND		333.	
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.	
7005-72-3	4-Chlorophenyl phenyl ether	1	ND		333.	
218-01-9	Chrysene	1	ND		333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		333.	
132-64-9	Dibenzofuran	1	ND		333.	
84-74-2	Di-n-butylphthalate	1	ND		333.	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)	1	ND		333.	
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)	1	ND		333.	
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)	1	ND		333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.	
120-83-2	2,4-Dichlorophenol	1	ND		333.	
84-66-2	Diethylphthalate	1	ND		333.	
105-67-9	2,4-Dimethylphenol	1	ND		333.	
131-11-3	Dimethylphthalate	1	ND		333.	

11/9/2005 07:16:27

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 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-03

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408006

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 21:39 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
534-52-1	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	1	ND	A99	833.	
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.	
121-14-2	2,4-Dinitrotoluene	1	ND		333.	
606-20-2	2,6-Dinitrotoluene	1	ND		333.	
117-84-0	Di-n-octylphthalate	1	ND		333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.	
206-44-0	Fluoranthene	1	ND		333.	
86-73-7	Fluorene	1	ND		333.	
118-74-1	Hexachlorobenzene	1	ND		333.	
87-68-3	Hexachlorobutadiene	1	ND		333.	
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.	
67-72-1	Hexachloroethane	1	ND		333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.	
78-59-1	Isophorone	1	ND		333.	
91-57-6	2-Methylnaphthalene	1	ND		333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.	
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	333.	
91-20-3	Naphthalene	1	ND		333.	
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.	
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.	
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.	
98-95-3	Nitrobenzene	1	ND		333.	
88-75-5	2-Nitrophenol (o-Nitrophenol)	1	ND		333.	
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.	
86-30-6	N-Nitrosodiphenylamine (Diphenylamine)	1	ND	A10	333.	
87-86-5	Pentachlorophenol	1	ND	A99	833.	
85-01-8	Phenanthrene	1	ND		333.	
108-95-2	Phenol	1	ND		333.	
129-00-0	Pyrene	1	ND		333.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		333.	
95-95-4	2,4,5-Trichlorophenol	1	ND		833.	
88-06-2	2,4,6-Trichlorophenol	1	ND		333.	

11/9/2005 07:16:27

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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-03

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408006

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 21:39 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
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66 compound(s) reported

11/9/2005 07:16:27

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 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-04

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408007

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 16:10 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		333.	
208-96-8	Acenaphthylene	1	ND		333.	
120-12-7	Anthracene	1	ND		333.	
56-55-3	Benzo(a)anthracene	1	ND		333.	
205-99-2	Benzo(b)fluoranthene	1	ND		333.	
207-08-9	Benzo(k)fluoranthene	1	ND		333.	
65-85-0	Benzoic acid	1	ND	A99	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		333.	
50-32-8	Benzo(a)pyrene	1	ND		333.	
100-51-6	Benzyl alcohol	1	ND	A99	333.	
101-55-3	4-Bromophenyl-phenylether	1	ND		333.	
85-68-7	Butylbenzylphthalate	1	ND		333.	
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.	
86-74-8	Carbazole	1	ND		333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.	
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.	
59-50-7	4-Chloro-3-methylphenol (p-Chloro-m-cresol)	1	ND	A99	333.	
91-58-7	2-Chloronaphthalene	1	ND		333.	
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.	
7005-72-3	4-Chlorophenyl phenyl ether	1	ND		333.	
218-01-9	Chrysene	1	ND		333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		333.	
132-64-9	Dibenzofuran	1	ND		333.	
84-74-2	Di-n-butylphthalate	1	ND		333.	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)	1	ND		333.	
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)	1	ND		333.	
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)	1	ND		333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.	
120-83-2	2,4-Dichlorophenol	1	ND		333.	
84-66-2	Diethylphthalate	1	ND		333.	
105-67-9	2,4-Dimethylphenol	1	ND		333.	
131-11-3	Dimethylphthalate	1	ND		333.	

11/9/2005 07:16:28

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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-04

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408007

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 16:10 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
534-52-1	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	1	ND	A99	833.	
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.	
121-14-2	2,4-Dinitrotoluene	1	ND		333.	
606-20-2	2,6-Dinitrotoluene	1	ND		333.	
117-84-0	Di-n-octylphthalate	1	ND		333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.	
206-44-0	Fluoranthene	1	ND		333.	
86-73-7	Fluorene	1	ND		333.	
118-74-1	Hexachlorobenzene	1	ND		333.	
87-68-3	Hexachlorobutadiene	1	ND		333.	
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.	
67-72-1	Hexachloroethane	1	ND		333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.	
78-59-1	Isophorone	1	ND		333.	
91-57-6	2-Methylnaphthalene	1	ND		333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.	
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	333.	
91-20-3	Naphthalene	1	ND		333.	
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.	
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.	
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.	
98-95-3	Nitrobenzene	1	ND		333.	
88-75-5	2-Nitrophenol (o-Nitrophenol)	1	ND		333.	
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.	
86-30-6	N-Nitrosodiphenylamine (Diphenylamine)	1	ND	A10	333.	
87-86-5	Pentachlorophenol	1	ND	A99	833.	
85-01-8	Phenanthrene	1	ND		333.	
108-95-2	Phenol	1	ND		333.	
129-00-0	Pyrene	1	ND		333.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		333.	
95-95-4	2,4,5-Trichlorophenol	1	ND		833.	
88-06-2	2,4,6-Trichlorophenol	1	ND		333.	

11/9/2005 07:16:28

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 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-04

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408007

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 16:10 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
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66 compound(s) reported

11/9/2005 07:16:28

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 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-05

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408008

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 16:41 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		333.	
208-96-8	Acenaphthylene	1	ND		333.	
120-12-7	Anthracene	1	ND		333.	
56-55-3	Benzo(a)anthracene	1	ND		333.	
205-99-2	Benzo(b)fluoranthene	1	ND		333.	
207-08-9	Benzo(k)fluoranthene	1	ND		333.	
65-85-0	Benzoic acid	1	ND	A99	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		333.	
50-32-8	Benzo(a)pyrene	1	ND		333.	
100-51-6	Benzyl alcohol	1	ND	A99	333.	
101-55-3	4-Bromophenyl-phenylether	1	ND		333.	
85-68-7	Butylbenzylphthalate	1	ND		333.	
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.	
86-74-8	Carbazole	1	ND		333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.	
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.	
59-50-7	4-Chloro-3-methylphenol (p-Chloro-m-cresol)	1	ND	A99	333.	
91-58-7	2-Chloronaphthalene	1	ND		333.	
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.	
7005-72-3	4-Chlorophenyl phenyl ether	1	ND		333.	
218-01-9	Chrysene	1	ND		333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		333.	
132-64-9	Dibenzofuran	1	ND		333.	
84-74-2	Di-n-butylphthalate	1	ND		333.	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)	1	ND		333.	
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)	1	ND		333.	
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)	1	ND		333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.	
120-83-2	2,4-Dichlorophenol	1	ND		333.	
84-66-2	Diethylphthalate	1	ND		333.	
105-67-9	2,4-Dimethylphenol	1	ND		333.	
131-11-3	Dimethylphthalate	1	ND		333.	

11/9/2005 07:16:28

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**New Orleans Laboratory Certifications**  
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 Puerto Rico - 3449  
 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-05

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408008

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 16:41 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
534-52-1	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	1	ND	A99	833.	
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.	
121-14-2	2,4-Dinitrotoluene	1	ND		333.	
606-20-2	2,6-Dinitrotoluene	1	ND		333.	
117-84-0	Di-n-octylphthalate	1	ND		333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.	
206-44-0	Fluoranthene	1	ND		333.	
86-73-7	Fluorene	1	ND		333.	
118-74-1	Hexachlorobenzene	1	ND		333.	
87-68-3	Hexachlorobutadiene	1	ND		333.	
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.	
67-72-1	Hexachloroethane	1	ND		333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.	
78-59-1	Isophorone	1	ND		333.	
91-57-6	2-Methylnaphthalene	1	ND		333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.	
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	333.	
91-20-3	Naphthalene	1	ND		333.	
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.	
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.	
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.	
98-95-3	Nitrobenzene	1	ND		333.	
88-75-5	2-Nitrophenol (o-Nitrophenol)	1	ND		333.	
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.	
86-30-6	N-Nitrosodiphenylamine (Diphenylamine)	1	ND	A10	333.	
87-86-5	Pentachlorophenol	1	ND	A99	833.	
85-01-8	Phenanthrene	1	ND		333.	
108-95-2	Phenol	1	ND		333.	
129-00-0	Pyrene	1	ND		333.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		333.	
95-95-4	2,4,5-Trichlorophenol	1	ND		833.	
88-06-2	2,4,6-Trichlorophenol	1	ND		333.	

11/9/2005 07:16:28

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.  
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 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-05

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408008

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 16:41 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
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66 compound(s) reported

11/9/2005 07:16:28

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
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 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-06

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408009

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 20:13 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		333.	
208-96-8	Acenaphthylene	1	ND		333.	
120-12-7	Anthracene	1	ND		333.	
56-55-3	Benzo(a)anthracene	1	ND		333.	
205-99-2	Benzo(b)fluoranthene	1	ND		333.	
207-08-9	Benzo(k)fluoranthene	1	ND		333.	
65-85-0	Benzoic acid	1	ND	A99	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		333.	
50-32-8	Benzo(a)pyrene	1	ND		333.	
100-51-6	Benzyl alcohol	1	ND	A99	333.	
101-55-3	4-Bromophenyl-phenylether	1	ND		333.	
85-68-7	Butylbenzylphthalate	1	ND		333.	
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.	
86-74-8	Carbazole	1	ND		333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.	
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.	
59-50-7	4-Chloro-3-methylphenol (p-Chloro-m-cresol)	1	ND	A99	333.	
91-58-7	2-Chloronaphthalene	1	ND		333.	
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.	
7005-72-3	4-Chlorophenyl phenyl ether	1	ND		333.	
218-01-9	Chrysene	1	ND		333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		333.	
132-64-9	Dibenzofuran	1	ND		333.	
84-74-2	Di-n-butylphthalate	1	ND		333.	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)	1	ND		333.	
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)	1	ND		333.	
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)	1	ND		333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.	
120-83-2	2,4-Dichlorophenol	1	ND		333.	
84-66-2	Diethylphthalate	1	ND		333.	
105-67-9	2,4-Dimethylphenol	1	ND		333.	
131-11-3	Dimethylphthalate	1	ND		333.	

11/9/2005 07:16:28

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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-06

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408009

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 20:13 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
534-52-1	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	1	ND	A99	833.	
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.	
121-14-2	2,4-Dinitrotoluene	1	ND		333.	
606-20-2	2,6-Dinitrotoluene	1	ND		333.	
117-84-0	Di-n-octylphthalate	1	ND		333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.	
206-44-0	Fluoranthene	1	ND		333.	
86-73-7	Fluorene	1	ND		333.	
118-74-1	Hexachlorobenzene	1	ND		333.	
87-68-3	Hexachlorobutadiene	1	ND		333.	
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.	
67-72-1	Hexachloroethane	1	ND		333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.	
78-59-1	Isophorone	1	ND		333.	
91-57-6	2-Methylnaphthalene	1	ND		333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.	
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	333.	
91-20-3	Naphthalene	1	ND		333.	
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.	
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.	
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.	
98-95-3	Nitrobenzene	1	ND		333.	
88-75-5	2-Nitrophenol (o-Nitrophenol)	1	ND		333.	
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.	
86-30-6	N-Nitrosodiphenylamine (Diphenylamine)	1	ND	A10	333.	
87-86-5	Pentachlorophenol	1	ND	A99	833.	
85-01-8	Phenanthrene	1	ND		333.	
108-95-2	Phenol	1	ND		333.	
129-00-0	Pyrene	1	ND		333.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		333.	
95-95-4	2,4,5-Trichlorophenol	1	ND		833.	
88-06-2	2,4,6-Trichlorophenol	1	ND		333.	

11/9/2005 07:16:28

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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client:** SUBRA COMPANY

**Client ID:** L-06

**Site:** None

**Project:** ANALYSES

**Project No.:** 2054872

**Sample Qu:**

**Lab ID:** 20408009

**Matrix:** Soil

**% Moisture:** Not Corrected

**Description:** None

**Prep Level:** Soil

**Batch:** 65945

**Method:** SW 8270 Semivolatile Organics

**Units:** ug/kg

**Target List:** 8270LOW

**Collected:** 10/23/05

**Received:** 10/25/05

**Prep Factor:** 1

**Leached:** n/a

**Prepared:** 11/02/05

**Analyzed:** 11/04/05 20:13 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
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66 compound(s) reported

11/9/2005 07:16:28

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 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.  
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# Report of Laboratory Analysis

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 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client ID:** L-01

**Client:** SUBRA COMPANY

**Project:** ANALYSES

**Site:** None

**Lab ID:** 20408004

**Project No.:** 2054872

**Description:** None

**Matrix:** Soil

**%Moisture:** Not Corrected

**Collected:** 10/23/05

**Received:** 10/25/05

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting		Prep.	Analysis	Reg. Limit
							Limit				
Arsenic	EPA 6010	65975	1	3.94		mg/kg	0.649		03-Nov-05	08-Nov-05 01:41	KJR (1)
Barium	EPA 6010	65975	1	246.		mg/kg	13.0		03-Nov-05	08-Nov-05 01:41	KJR (1)
Cadmium	EPA 6010	65975	1	ND		mg/kg	0.325		03-Nov-05	08-Nov-05 01:41	KJR (1)
Chromium	EPA 6010	65975	1	11.4		mg/kg	0.649		03-Nov-05	08-Nov-05 01:41	KJR (1)
Lead	EPA 6010	65975	1	16.2		mg/kg	0.325		03-Nov-05	08-Nov-05 01:41	KJR (1)
Mercury	EPA 7471	65969	1	ND		mg/kg	0.125		02-Nov-05	02-Nov-05 17:17	KDG (1)
Selenium	EPA 6010	65975	1	ND		mg/kg	2.27		03-Nov-05	08-Nov-05 01:41	KJR (1)
Silver	EPA 6010	65975	1	ND		mg/kg	0.649		03-Nov-05	08-Nov-05 01:41	KJR (1)

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.  
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.  
 (1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.  
 (1b) Flash point less than 140 degrees F is hazardous for ignitibility.  
 Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

11/9/2005 07:16:28  
 New Orleans Laboratory Certifications  
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 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

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 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client ID:** L-02

**Client:** SUBRA COMPANY

**Project:** ANALYSES

**Site:** None

**Lab ID:** 20408005

**Project No.:** 2054872

**Description:** None

**Matrix:** Soil

**%Moisture:** Not Corrected

**Collected:** 10/23/05

**Received:** 10/25/05

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting		Prep.	Analysis	Reg. Limit
							Limit				
Arsenic	EPA 6010	65975	1	5.11		mg/kg	0.581		03-Nov-05	08-Nov-05 01:56	KJR (1)
Barium	EPA 6010	65975	1	328.		mg/kg	11.6		03-Nov-05	08-Nov-05 01:56	KJR (1)
Cadmium	EPA 6010	65975	1	ND		mg/kg	0.291		03-Nov-05	08-Nov-05 01:56	KJR (1)
Chromium	EPA 6010	65975	1	11.4		mg/kg	0.581		03-Nov-05	08-Nov-05 01:56	KJR (1)
Lead	EPA 6010	65975	1	14.0		mg/kg	0.291		03-Nov-05	08-Nov-05 01:56	KJR (1)
Mercury	EPA 7471	65969	1	ND		mg/kg	0.0877		02-Nov-05	02-Nov-05 17:19	KDG (1)
Selenium	EPA 6010	65975	1	ND		mg/kg	2.03		03-Nov-05	08-Nov-05 01:56	KJR (1)
Silver	EPA 6010	65975	1	ND		mg/kg	0.581		03-Nov-05	08-Nov-05 01:56	KJR (1)

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.  
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.  
 (1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.  
 (1b) Flash point less than 140 degrees F is hazardous for ignitibility.  
 Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

11/9/2005 07:16:28  
 New Orleans Laboratory Certifications  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
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 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client ID:** L-03

**Client:** SUBRA COMPANY

**Project:** ANALYSES

**Site:** None

**Lab ID:** 20408006

**Project No.:** 2054872

**Description:** None

**Matrix:** Soil

**%Moisture:** Not Corrected

**Collected:** 10/23/05

**Received:** 10/25/05

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting		Prep.	Analysis	Reg. Limit
							Limit				
Arsenic	EPA 6010	65975	1	2.90		mg/kg	1.00		03-Nov-05	08-Nov-05 02:01	KJR (1)
Barium	EPA 6010	65975	1	460.		mg/kg	20.0		03-Nov-05	08-Nov-05 02:01	KJR (1)
Cadmium	EPA 6010	65975	1	ND		mg/kg	0.500		03-Nov-05	08-Nov-05 02:01	KJR (1)
Chromium	EPA 6010	65975	1	8.91		mg/kg	1.00		03-Nov-05	08-Nov-05 02:01	KJR (1)
Lead	EPA 6010	65975	1	13.5		mg/kg	0.500		03-Nov-05	08-Nov-05 02:01	KJR (1)
Mercury	EPA 7471	65969	1	ND		mg/kg	0.125		02-Nov-05	02-Nov-05 17:21	KDG (1)
Selenium	EPA 6010	65975	1	ND		mg/kg	3.50		03-Nov-05	08-Nov-05 02:01	KJR (1)
Silver	EPA 6010	65975	1	ND		mg/kg	1.00		03-Nov-05	08-Nov-05 02:01	KJR (1)

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.  
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.  
 (1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.  
 (1b) Flash point less than 140 degrees F is hazardous for ignitibility.  
 Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

11/9/2005 07:16:28  
 New Orleans Laboratory Certifications  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
 Puerto Rico - 3449  
 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client ID:** L-04

**Client:** SUBRA COMPANY

**Project:** ANALYSES

**Site:** None

**Lab ID:** 20408007

**Project No.:** 2054872

**Description:** None

**Matrix:** Soil

**%Moisture:** Not Corrected

**Collected:** 10/23/05

**Received:** 10/25/05

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting		Prep.	Analysis	Reg. Limit
							Limit				
Arsenic	EPA 6010	65975	1	12.4		mg/kg	0.714		03-Nov-05	08-Nov-05 02:06	KJR (1)
Barium	EPA 6010	65975	1	237.		mg/kg	14.3		03-Nov-05	08-Nov-05 02:06	KJR (1)
Cadmium	EPA 6010	65975	1	ND		mg/kg	0.357		03-Nov-05	08-Nov-05 02:06	KJR (1)
Chromium	EPA 6010	65975	1	12.0		mg/kg	0.714		03-Nov-05	08-Nov-05 02:06	KJR (1)
Lead	EPA 6010	65975	1	18.2		mg/kg	0.357		03-Nov-05	08-Nov-05 02:06	KJR (1)
Mercury	EPA 7471	65969	1	ND		mg/kg	0.100		02-Nov-05	02-Nov-05 17:24	KDG (1)
Selenium	EPA 6010	65975	1	ND		mg/kg	2.50		03-Nov-05	08-Nov-05 02:06	KJR (1)
Silver	EPA 6010	65975	1	ND		mg/kg	0.714		03-Nov-05	08-Nov-05 02:06	KJR (1)

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.  
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.  
 (1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.  
 (1b) Flash point less than 140 degrees F is hazardous for ignitability.  
 Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

11/9/2005 07:16:29  
 New Orleans Laboratory Certifications  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
 Puerto Rico - 3449  
 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client ID:** L-05

**Client:** SUBRA COMPANY

**Project:** ANALYSES

**Site:** None

**Lab ID:** 20408008

**Project No.:** 2054872

**Description:** None

**Matrix:** Soil

**%Moisture:** Not Corrected

**Collected:** 10/23/05

**Received:** 10/25/05

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting		Prep.	Analysis	Reg. Limit
							Limit				
Arsenic	EPA 6010	65975	1	4.80		mg/kg	0.625		03-Nov-05	08-Nov-05 02:11	KJR (1)
Barium	EPA 6010	65975	1	171.		mg/kg	12.5		03-Nov-05	08-Nov-05 02:11	KJR (1)
Cadmium	EPA 6010	65975	1	ND		mg/kg	0.312		03-Nov-05	08-Nov-05 02:11	KJR (1)
Chromium	EPA 6010	65975	1	13.2		mg/kg	0.625		03-Nov-05	08-Nov-05 02:11	KJR (1)
Lead	EPA 6010	65975	1	14.8		mg/kg	0.312		03-Nov-05	08-Nov-05 02:11	KJR (1)
Mercury	EPA 7471	65969	1	ND		mg/kg	0.0893		02-Nov-05	02-Nov-05 17:26	KDG (1)
Selenium	EPA 6010	65975	1	ND		mg/kg	2.19		03-Nov-05	08-Nov-05 02:11	KJR (1)
Silver	EPA 6010	65975	1	ND		mg/kg	0.625		03-Nov-05	08-Nov-05 02:11	KJR (1)

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.  
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.  
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 (1b) Flash point less than 140 degrees F is hazardous for ignitibility.  
 Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

11/9/2005 07:16:29  
 New Orleans Laboratory Certifications  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
 Puerto Rico - 3449  
 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Laboratory Analysis

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Client ID:** L-06

**Client:** SUBRA COMPANY

**Project:** ANALYSES

**Site:** None

**Lab ID:** 20408009

**Project No.:** 2054872

**Description:** None

**Matrix:** Soil

**%Moisture:** Not Corrected

**Collected:** 10/23/05

**Received:** 10/25/05

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting		Prep.	Analysis	Reg. Limit
							Limit				
Arsenic	EPA 6010	65975	1	3.33		mg/kg	0.725		03-Nov-05	08-Nov-05 02:17	KJR (1)
Barium	EPA 6010	65975	1	136.		mg/kg	14.5		03-Nov-05	08-Nov-05 02:17	KJR (1)
Cadmium	EPA 6010	65975	1	ND		mg/kg	0.362		03-Nov-05	08-Nov-05 02:17	KJR (1)
Chromium	EPA 6010	65975	1	10.6		mg/kg	0.725		03-Nov-05	08-Nov-05 02:17	KJR (1)
Lead	EPA 6010	65975	1	16.3		mg/kg	0.362		03-Nov-05	08-Nov-05 02:17	KJR (1)
Mercury	EPA 7471	65969	1	ND		mg/kg	0.0781		02-Nov-05	02-Nov-05 17:28	KDG (1)
Selenium	EPA 6010	65975	1	ND		mg/kg	2.54		03-Nov-05	08-Nov-05 02:17	KJR (1)
Silver	EPA 6010	65975	1	ND		mg/kg	0.725		03-Nov-05	08-Nov-05 02:17	KJR (1)

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.  
 DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.  
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.  
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 Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

11/9/2005 07:16:29  
 New Orleans Laboratory Certifications  
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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Quality Control

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Method:** Low Soil GC/MS Semivolatile Organics

**Project:** 2054872

**Batch:** 65945

**LCS:** 65945S1N 11/4/2005 12:45:00 PM

**Units:** ug/kg

**MS:** 65945MS 11/7/2005 7:55:00 PM

Parameter Name	LCS	LCS	LCS	LCS	MS	MS	MSD	(1)MS	DUP	QC Limits		Max	Qu
	Spike	%Rec	%Rec	RPD	Spike	%Rec	%Rec	RPD	RPD	LCS	MS/MSD	RPD	
2,4,6-Trichlorophenol	1660	75			1660	62	64	4		57 - 104	50 - 104	50	
3-Nitroaniline (m-Nitroaniline)	1660	55			1660	93	117 *	23		50 - 99	50 - 101	50	Q1
1,2,4-Trichlorobenzene	1660	83			1660	70	72	3		50 - 100	50 - 99	50	
Naphthalene	1660	77			1660	66	67	2		50 - 98	50 - 103	50	
4-Chloroaniline (p-Chloroaniline)	1660	32 *			1660	34 *	60	54 *		50 - 88	50 - 88	50	
Hexachlorobutadiene	1660	77			1660	63	64	1		50 - 100	50 - 103	50	
4-Chloro-3-methylphenol (p-Chloro-m-bis(2-Chloroethoxy)methane	1660	73			1660	77	84	9		50 - 114	50 - 116	50	
Hexachlorocyclopentadiene	1660	69			1660	57	59	3		53 - 97	50 - 98	50	
Hexachlorocyclopentadiene	1660	81			1660	0 *	0 *	0		50 - 107	50 - 99	50	
Benzoic acid	1660	78			1660	53	55	3		50 - 148	50 - 129	50	
2,4,5-Trichlorophenol	1660	80			1660	71	77	7		58 - 104	50 - 106	50	
2-Chloronaphthalene	1660	84			1660	65	67	4		50 - 100	50 - 99	50	
2-Nitroaniline (o-Nitroaniline)	1660	70			1660	67	73	8		54 - 114	50 - 113	50	
Dimethylphthalate	1660	77			1660	65	70	8		59 - 104	50 - 105	50	
Acenaphthylene	1660	84			1660	73	75	3		58 - 102	50 - 102	50	
Phenol	1660	64			1660	63	66	6		50 - 106	26 - 90	50	
2-Methylnaphthalene	1660	78			1660	73	77	5		54 - 102	50 - 113	50	
4-Methylphenol (p-Cresol)	1660	72			1660	81	86	6		56 - 101	50 - 101	50	
bis(2-Chloroethyl) ether	1660	66			1660	59	61	4		50 - 94	50 - 95	50	
2-Chlorophenol (o-Chlorophenol)	1660	73			1660	70	73	3		50 - 103	25 - 102	50	
1,3-Dichlorobenzene (m-Dichlorobenz	1660	76			1660	65	65	0		50 - 85	50 - 81	50	
1,4-Dichlorobenzene (p-Dichlorobenze	1660	75			1660	66	65	1		50 - 86	50 - 93	50	
Benzyl alcohol	1660	71			1660	60	64	7		50 - 101	50 - 108	50	
1,2-Dichlorobenzene (o-Dichlorobenze	1660	75			1660	67	67	0		50 - 88	50 - 94	50	
2,4-Dichlorophenol	1660	72			1660	69	75	8		58 - 102	50 - 111	50	
2,2'-oxybis(1-Chloropropane)	1660	67			1660	60	60	0		50 - 102	50 - 100	50	
Acenaphthene	1660	84			1660	72	75	4		53 - 104	31 - 137	50	
N-Nitroso-di-n-propylamine	1660	66			1660	69	69	1		50 - 99	41 - 126	50	
Hexachloroethane	1660	72			1660	41 *	37 *	9		50 - 87	50 - 96	50	Q1
Nitrobenzene	1660	68			1660	56	57	2		50 - 99	50 - 101	50	
Isophorone	1660	77			1660	67	70	4		55 - 106	50 - 105	50	
2-Nitrophenol (o-Nitrophenol)	1660	79			1660	64	67	5		53 - 101	50 - 106	50	
2,4-Dimethylphenol	1660	74			1660	67	71	6		50 - 102	50 - 104	50	

\* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

11/9/2005 07:16:29

**New Orleans Laboratory Certifications**  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
 Puerto Rico - 3449  
 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Quality Control

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Method:** Low Soil GC/MS Semivolatile Organics

**Project:** 2054872

**Batch:** 65945

**LCS:** 65945S1N 11/4/2005 12:45:00 PM

**Units:** ug/kg

**MS:** 65945MS 11/7/2005 7:55:00 PM

Parameter Name	LCS	LCS	LCS	LCS	MS	MS	MSD	(1)MS	DUP	QC Limits		Max	Qu
	Spike	%Rec	%Rec	RPD	Spike	%Rec	%Rec	RPD	RPD	LCS	MS/MSD	RPD	
2-Methylphenol (o-Cresol)	1660	72			1660	70	75	6		54 - 100	50 - 101	50	
Di-n-octylphthalate	1660	87			1660	290 *	321 *	10		50 - 133	50 - 150	50	Q1
2,6-Dinitrotoluene	1660	81			1660	70	76	8		58 - 111	50 - 114	50	
Pyrene	1660	75			1660	99	104	4		55 - 109	35 - 142	50	
Butylbenzylphthalate	1660	83			1660	125	137 *	9		58 - 119	50 - 135	50	Q1
3,3'-Dichlorobenzidine	1660	64			1660	71	70	1		50 - 111	50 - 115	50	
Benzo(a)anthracene	1660	81			1660	77	78	1		60 - 106	50 - 115	50	
Di-n-butylphthalate	1660	78			1660	63	66	5		59 - 112	50 - 120	50	
bis(2-Ethylhexyl)phthalate	1660	84			1660	122	129	6		61 - 117	50 - 147	50	
Carbazole	1660	125			1660	104	106	2		70 - 130	50 - 116		
Benzo(b)fluoranthene	1660	84			1660	97	100	3		50 - 124	50 - 141	50	
Benzo(k)fluoranthene	1660	75			1660	105	116	10		50 - 121	50 - 134	50	
Benzo(a)pyrene	1660	82			1660	73	77	5		62 - 114	50 - 124	50	
Indeno(1,2,3-cd)pyrene	1660	75			1660	30 *	33 *	7		50 - 123	50 - 113	50	Q1
Dibenz(a,h)anthracene	1660	73			1660	33 *	35 *	8		50 - 126	50 - 115	50	Q1
Benzo(g,h,i)perylene	1660	73			1660	23 *	25 *	8		50 - 127	50 - 117	50	Q1
Chrysene	1660	77			1660	71	71	0		58 - 106	50 - 115	50	
4-Nitroaniline (p-Nitroaniline)	1660	107			1660	114	126 *	10		50 - 117	50 - 118	50	
2,4-Dinitrophenol	1660	63			1660	20 *	17 *	12		50 - 127	50 - 121	50	Q1
4-Nitrophenol (p-Nitrophenol)	1660	73			1660	70	71	2		50 - 133	11 - 114	50	
Dibenzofuran	1660	79			1660	69	71	3		58 - 103	50 - 108	50	
2,4-Dinitrotoluene	1660	81			1660	78	83	6		61 - 113	28 - 89	50	
Diethylphthalate	1660	83			1660	75	80	7		58 - 109	50 - 110	50	
Fluoranthene	1660	74			1660	56	53	5		59 - 110	50 - 126	50	
Fluorene	1660	75			1660	66	64	2		58 - 106	50 - 112	50	
4,6-Dinitro-2-methylphenol (4,6-Dinitr	1660	71			1660	20 *	20 *	2		50 - 117	50 - 120	50	Q1
N-Nitrosodiphenylamine (Diphenylami	1660	75			1660	53	58	9		55 - 104	50 - 136	50	
4-Bromophenyl-phenylether	1660	75			1660	56	61	8		58 - 100	50 - 101	50	
Hexachlorobenzene	1660	75			1660	60	64	7		55 - 107	50 - 107	50	
Pentachlorophenol	1660	81			1660	50	46	9		50 - 115	17 - 109	50	
Phenanthrene	1660	77			1660	58	58	1		60 - 103	50 - 122	50	
Anthracene	1660	81			1660	66	67	2		60 - 106	50 - 108	50	
4-Chlorophenyl phenyl ether	1660	75			1660	60	60	0		56 - 106	50 - 109	50	

\* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

11/9/2005 07:16:29

**New Orleans Laboratory Certifications**  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
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 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270



# Report of Quality Control

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Method:** Low Soil GC/MS Semivolatile Organics

**Project:** 2054872

**Batch:** 65945

**LCS:** 65945S1N 11/4/2005 12:45:00 PM

**Units:** ug/kg

**MS:** 65945MS 11/7/2005 7:55:00 PM

Parameter Name	LCS	LCS	LCSD	LCS	MS	MS	MSD	(1)MS	DUP	QC Limits		Max	Qu
	Spike	%Rec	%Rec	RPD	Spike	%Rec	%Rec	RPD	RPD	LCS	MS/MSD	RPD	
1,3-Dinitrobenzene (m-Dinitrobenzene)	1660	96			1660	90	100	10		70 - 130	70 - 130	50	
2,3,4,6-Tetrachlorophenol	1600	100			1660	93	98	5		70 - 130	70 - 130	50	

\* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

11/9/2005 07:16:29

*New Orleans Laboratory Certifications*  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
 Puerto Rico - 3449  
 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S Territories) - S-47270





# Report of Method Blank

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Lab ID:** 65945B1N

**Description:** Low Soil Method Blau

**Project No.:** 2054872

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 65945

**Units:** ug/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 02-Nov-05

**Analyzed:** 11/04/05 12:14 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
83-32-9	Acenaphthene	1	ND		333.
83-32-9	Acenaphthene	1	ND		333.
208-96-8	Acenaphthylene	1	ND		333.
208-96-8	Acenaphthylene	1	ND		333.
120-12-7	Anthracene	1	ND		333.
62-53-3	Aniline (Benzeneamine)	1	ND	A99	333.
120-12-7	Anthracene	1	ND		333.
56-55-3	Benzo(a)anthracene	1	ND		333.
56-55-3	Benzo(a)anthracene	1	ND		333.
205-99-2	Benzo(b)fluoranthene	1	ND		333.
207-08-9	Benzo(k)fluoranthene	1	ND		333.
205-99-2	Benzo(b)fluoranthene	1	ND		333.
207-08-9	Benzo(k)fluoranthene	1	ND		333.
65-85-0	Benzoic acid	1	ND	A99	833.
50-32-8	Benzo(a)pyrene	1	ND		333.
191-24-2	Benzo(g,h,i)perylene	1	ND		333.
92-52-4	1,1'-Biphenyl	1	ND		333.
50-32-8	Benzo(a)pyrene	1	ND		333.
85-68-7	Butylbenzylphthalate	1	ND		333.
100-51-6	Benzyl alcohol	1	ND	A99	333.
88-85-7	2-sec-Butyl-4-6-dinitrophenol (Dino	1	ND	A99	333.
101-55-3	4-Bromophenyl-phenylether	1	ND		333.
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.
85-68-7	Butylbenzylphthalate	1	ND		333.
106-47-8	4-Chloroaniline (p-Chloroaniline)	1	ND		333.
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.
86-74-8	Carbazole	1	ND		333.
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.
91-58-7	2-Chloronaphthalene	1	ND		333.
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.
218-01-9	Chrysene	1	ND		333.
108-60-1	2,2'-oxybis(1-Chloropropane)	1	ND		333.
59-50-7	4-Chloro-3-methylphenol (p-Chloro-m	1	ND	A99	333.
53-70-3	Dibenz(a,h)anthracene	1	ND		333.

ND denotes Not Detected at or above the reporting limit.  
 DF denotes Dilution Factor.  
 RL denotes sample Reporting Limit.  
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.  
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11/9/2005 07:16:30  
 New Orleans Laboratory Certifications  
 Louisiana Dept. of Environmental Quality (LELAP) - 02006  
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 Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006  
 Florida Dept. of Health/Hazardous Waste (NELAC) - E87595  
 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S. Territories) - S-47270



# Report of Method Blank

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Lab ID:** 65945B1N

**Description:** Low Soil Method Blan

**Project No.:** 2054872

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 65945

**Units:** ug/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 02-Nov-05

**Analyzed:** 11/04/05 12:14 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
132-64-9	Dibenzofuran	1	ND		333.
91-58-7	2-Chloronaphthalene	1	ND		333.
95-57-8	2-Chlorophenol (o-Chlorophenol)	1	ND		333.
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenz)	1	ND		333.
7005-72-3	4-Chlorophenyl phenyl ether	1	ND		333.
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenz)	1	ND		333.
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenz)	1	ND		333.
218-01-9	Chrysene	1	ND		333.
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.
53-70-3	Dibenz(a,h)anthracene	1	ND		333.
132-64-9	Dibenzofuran	1	ND		333.
120-83-2	2,4-Dichlorophenol	1	ND		333.
84-66-2	Diethylphthalate	1	ND		333.
84-74-2	Di-n-butylphthalate	1	ND		333.
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenz)	1	ND		333.
105-67-9	2,4-Dimethylphenol	1	ND		333.
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenz)	1	ND		333.
131-11-3	Dimethylphthalate	1	ND		333.
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenz)	1	ND		333.
99-65-0	1,3-Dinitrobenzene (m-Dinitrobenzen)	1	ND		333.
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.
91-94-1	3,3'-Dichlorobenzidine	1	ND	A99	667.
120-83-2	2,4-Dichlorophenol	1	ND		333.
121-14-2	2,4-Dinitrotoluene	1	ND		333.
606-20-2	2,6-Dinitrotoluene	1	ND		333.
84-66-2	Diethylphthalate	1	ND		333.
105-67-9	2,4-Dimethylphenol	1	ND		333.
117-84-0	Di-n-octylphthalate	1	ND		333.
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.
131-11-3	Dimethylphthalate	1	ND		333.
534-52-1	4,6-Dinitro-2-methylphenol (4,6-Din	1	ND	A99	833.
206-44-0	Fluoranthene	1	ND		333.
86-73-7	Fluorene	1	ND		333.
51-28-5	2,4-Dinitrophenol	1	ND	A99	833.
121-14-2	2,4-Dinitrotoluene	1	ND		333.
118-74-1	Hexachlorobenzene	1	ND		333.

ND denotes Not Detected at or above the reporting limit.  
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 Kansas Dept. of Health Environmental/ELWHW - E-10266  
 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S. Territories) - S-47270



# Report of Method Blank

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Lab ID:** 65945B1N

**Description:** Low Soil Method Blan

**Project No.:** 2054872

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 65945

**Units:** ug/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 02-Nov-05

**Analyzed:** 11/04/05 12:14 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
87-68-3	Hexachlorobutadiene	1	ND		333.
606-20-2	2,6-Dinitrotoluene	1	ND		333.
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.
117-84-0	Di-n-octylphthalate	1	ND		333.
67-72-1	Hexachloroethane	1	ND		333.
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.
206-44-0	Fluoranthene	1	ND		333.
78-59-1	Isophorone	1	ND		333.
86-73-7	Fluorene	1	ND		333.
91-57-6	2-Methylnaphthalene	1	ND		333.
118-74-1	Hexachlorobenzene	1	ND		333.
91-20-3	Naphthalene	1	ND		333.
87-68-3	Hexachlorobutadiene	1	ND		333.
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.
77-47-4	Hexachlorocyclopentadiene	1	ND	A99	333.
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.
67-72-1	Hexachloroethane	1	ND		333.
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.
78-59-1	Isophorone	1	ND		333.
98-95-3	Nitrobenzene	1	ND		333.
91-57-6	2-Methylnaphthalene	1	ND		333.
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	333.
86-30-6	N-Nitrosodiphenylamine (Diphenylami	1	ND	A10	333.
91-20-3	Naphthalene	1	ND		333.
87-86-5	Pentachlorophenol	1	ND	A99	833.
88-74-4	2-Nitroaniline (o-Nitroaniline)	1	ND	A99	333.
85-01-8	Phenanthrene	1	ND		333.
108-95-2	Phenol	1	ND		333.
99-09-2	3-Nitroaniline (m-Nitroaniline)	1	ND	A99	833.
129-00-0	Pyrene	1	ND		333.
100-01-6	4-Nitroaniline (p-Nitroaniline)	1	ND	A99	833.

ND denotes Not Detected at or above the reporting limit.  
 DF denotes Dilution Factor.

RL denotes sample Reporting Limit.

Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

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 U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
 USDA Foreign Soil Import (U.S. Territories) - S-47270



# Report of Method Blank

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose, LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Lab ID:** 65945B1N

**Description:** Low Soil Method Blan

**Project No.:** 2054872

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 65945

**Units:** ug/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 02-Nov-05

**Analyzed:** 11/04/05 12:14 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		333.
98-95-3	Nitrobenzene	1	ND		333.
88-75-5	2-Nitrophenol (o-Nitrophenol)	1	ND		333.
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		333.
95-95-4	2,4,5-Trichlorophenol	1	ND		833.
100-02-7	4-Nitrophenol (p-Nitrophenol)	1	ND	A99	833.
88-06-2	2,4,6-Trichlorophenol	1	ND		333.
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.
86-30-6	N-Nitrosodiphenylamine (Diphenylami	1	ND	A10	333.
87-86-5	Pentachlorophenol	1	ND	A99	833.
85-01-8	Phenanthrene	1	ND		333.
108-95-2	Phenol	1	ND		333.
129-00-0	Pyrene	1	ND		333.
120-82-1	1,2,4-Trichlorobenzene	1	ND		333.
95-95-4	2,4,5-Trichlorophenol	1	ND		833.
88-06-2	2,4,6-Trichlorophenol	1	ND		333.

124 compound(s) reported

ND denotes Not Detected at or above the reporting limit.  
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# Report of Quality Control

**Pace Analytical Services, Inc.**  
 1000 Riverbend Blvd. Suite F  
 St. Rose , LA 70087  
 Phone: 504.469.0333  
 Fax: 504.469.0555  
 LELAP # 02006

**Project No.:** 2054872

Parameter	Batch	Blank	ARL	Units	LCS	LCS	LCS	MS	MS	MS	(1)MS	DUP	QC Limits		RPD	Qu
					Spike	%Rec	%Rec	RPD	Spike	%Rec	%Rec	RPD	RPD	LCS	MS/MSD	Max
Mercury	65969	ND	0.100	mg/kg	0.2	92		0.3	87.9	87	35		68 - 132	75 - 125	50	
Arsenic	65975	ND	1.00	mg/kg	200	94		392	90.4	90.8	11		79 - 123	54 - 128	50	
Barium	65975	ND	20.0	mg/kg	200	95		392	85.2	85.4	7		79 - 120	50 - 144	50	
Cadmium	65975	ND	0.500	mg/kg	200	93		9.8	85.9	87.1	10		82 - 118	52 - 130	50	
Chromium	65975	ND	1.00	mg/kg	200	95		39	98.7	120.9	7		79 - 122	50 - 150	50	
Lead	65975	ND	0.500	mg/kg	200	95		98	84.5	85.6	8		81 - 119	50 - 150	50	
Selenium	65975	ND	3.50	mg/kg	200	91		392	87.6	88.5	10		75 - 124	50 - 122	50	
Silver	65975	ND	1.00	mg/kg	100	88		9.8	39 *	40.1 *	8		61 - 139	50 - 146	50	

ARL denotes Adjusted Reporting Limit , corrected for sample size, dilution and moisture content as applicable.  
 \* denotes recovery outside of QC limits.  
 (1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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**Project No.: 2054872**

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**Analyte Qualifiers**

Qualifier	Qualifier Description
A7	3-Methylphenol and 4-methylphenol coelute under the conditions used for analysis, therefore the precise isomer in the sample cannot be determined. The sample concentration is arbitrarily reported as 4-methylphenol.
A10	N-Nitrosodiphenylamine is reported as diphenylamine.
A99	This analyte is a poor performer by this method. The QC recovery data for this analyte may be poor or erratic as demonstrated by a performance-based statistical evaluation.

**QC Qualifiers**

Qualifier	Qualifier Description
Q1	The matrix spike recoveries are poor. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample recovery.

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Kansas Dept. of Health Environmental/ELWHW - E-10286  
U.S. Dept. of Agricultural Animal & Plant Health Inspection Services  
USDA Foreign Soil Import (U.S Territories) - S-47270*