Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

March 04, 2015

Brady Gerber
Integrated Solutions
215 S. Laura
Wichita, KS 67211

RE: Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Dear Brady Gerber:
Enclosed are the analytical results for sample(s) received by the laboratory on February 27, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Sherri Rosenstangle

Sherri Rosenstangle
sherri.rosenstangle@pacelabs.com
Project Manager

Enclosures

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project:	CLEAN HARBORS - WICHITA KS
Pace Project No.:	60188796

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
WY STR Certification #: 2456.01
Arkansas Certification #: 13-012-0
Illinois Certification #: 003097
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407
Utah Certification #: KS00021

Dallas Certification IDs:

400 West Bethany Dr Suite 190, Allen, TX 75013
EPA# TX00074
Texas Certification #: T104704232-14-8
Kansas Certification #: E-10388
Arkansas Certification #: 88-0647
Oklahoma Certification #: 2014-055
Louisiana Certification #: 02007

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60188796001	**PP1-SW8-2.5'**	Solid	02/26/15 16:00	02/27/15 23:10
60188796002	**PP1-SW9-7.5'**	Solid	02/26/15 16:05	02/27/15 23:10
60188796003	**PP1-SW10-12.5'**	Solid	02/26/15 16:10	02/27/15 23:10
60188796004	**PP1-SW11-2.5'**	Solid	02/26/15 16:20	02/27/15 23:10
60188796005	**PP1-SW12-7.5'**	Solid	02/26/15 16:25	02/27/15 23:10
60188796006	**PP1-SW13-12.5'**	Solid	02/26/15 16:30	02/27/15 23:10
60188796007	**PP-SP-1NE**	Solid	02/26/15 16:45	02/27/15 23:10
60188796008	**PP-SP-2NW**	Solid	02/26/15 16:50	02/27/15 23:10
60188796009	**PP-SP-3SE**	Solid	02/26/15 16:55	02/27/15 23:10
60188796010	**PP-SP-4SW**	Solid	02/26/15 17:00	02/27/15 23:10
60188796011	**TRIP BLANK**	Solid	02/26/15 16:00	02/27/15 23:10

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60188796001	**PP1-SW8-2.5'**	EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796002	**PP1-SW9-7.5'**	EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796003	**PP1-SW10-12.5'**	EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796004	**PP1-SW11-2.5'**	EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796005	**PP1-SW12-7.5'**	EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796006	**PP1-SW13-12.5'**	EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796007	**PP-SP-1NE**	EPA 6010	TDS	7	PASI-K
		EPA 7471	NDJ	1	PASI-K
		EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796008	**PP-SP-2NW**	EPA 6010	TDS	7	PASI-K
		EPA 7471	NDJ	1	PASI-K
		EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796009	**PP-SP-3SE**	EPA 6010	TDS	7	PASI-K
		EPA 7471	NDJ	1	PASI-K
		EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K
		ASTM D2974	DWC	1	PASI-K
60188796010	**PP-SP-4SW**	EPA 6010	TDS	7	PASI-K
		EPA 7471	NDJ	1	PASI-K
		EPA 8270 by SIM	XLY	2	PASI-D
		EPA 8260	JKL	74	PASI-K

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974	DWC	1	PASI-K
60188796011	**TRIP BLANK**	EPA 8260	JKL	74	PASI-K

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW8-2.5' **Lab ID: 60188796001** Collected: 02/26/15 16:00 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	12.0	1	03/02/15 12:00	03/03/15 15:01	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	71	%.	10-140	1	03/02/15 12:00	03/03/15 15:01		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	**69.2**	ug/kg	24.9	1		03/02/15 11:39	67-64-1	
Acrolein	ND	ug/kg	125	1		03/02/15 11:39	107-02-8	
Acrylonitrile	ND	ug/kg	125	1		03/02/15 11:39	107-13-1	
Benzene	ND	ug/kg	6.2	1		03/02/15 11:39	71-43-2	
Bromobenzene	ND	ug/kg	6.2	1		03/02/15 11:39	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1		03/02/15 11:39	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	1		03/02/15 11:39	75-27-4	
Bromoform	ND	ug/kg	6.2	1		03/02/15 11:39	75-25-2	
Bromomethane	ND	ug/kg	6.2	1		03/02/15 11:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	12.5	1		03/02/15 11:39	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	1		03/02/15 11:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	1		03/02/15 11:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	1		03/02/15 11:39	98-06-6	
Carbon disulfide	ND	ug/kg	6.2	1		03/02/15 11:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.2	1		03/02/15 11:39	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1		03/02/15 11:39	108-90-7	
Chloroethane	ND	ug/kg	6.2	1		03/02/15 11:39	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	6.2	1		03/02/15 11:39	110-75-8	
Chloroform	ND	ug/kg	6.2	1		03/02/15 11:39	67-66-3	
Chloromethane	ND	ug/kg	6.2	1		03/02/15 11:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.2	1		03/02/15 11:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1		03/02/15 11:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.5	1		03/02/15 11:39	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	1		03/02/15 11:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	1		03/02/15 11:39	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1		03/02/15 11:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	1		03/02/15 11:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1		03/02/15 11:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1		03/02/15 11:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.2	1		03/02/15 11:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	1		03/02/15 11:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	1		03/02/15 11:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.2	1		03/02/15 11:39	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.2	1		03/02/15 11:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	1		03/02/15 11:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	1		03/02/15 11:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1		03/02/15 11:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1		03/02/15 11:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	1		03/02/15 11:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.2	1		03/02/15 11:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1		03/02/15 11:39	10061-01-5	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW8-2.5' **Lab ID: 60188796001** Collected: 02/26/15 16:00 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/kg	6.2	1		03/02/15 11:39	10061-02-6	
Ethylbenzene	ND	ug/kg	6.2	1		03/02/15 11:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.2	1		03/02/15 11:39	87-68-3	
2-Hexanone	ND	ug/kg	24.9	1		03/02/15 11:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	1		03/02/15 11:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	1		03/02/15 11:39	99-87-6	
Methylene chloride	ND	ug/kg	6.2	1		03/02/15 11:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.5	1		03/02/15 11:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	1		03/02/15 11:39	1634-04-4	
Naphthalene	ND	ug/kg	12.5	1		03/02/15 11:39	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	1		03/02/15 11:39	103-65-1	
Styrene	ND	ug/kg	6.2	1		03/02/15 11:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	1		03/02/15 11:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1		03/02/15 11:39	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	1		03/02/15 11:39	127-18-4	
Toluene	ND	ug/kg	6.2	1		03/02/15 11:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	1		03/02/15 11:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	1		03/02/15 11:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	1		03/02/15 11:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	1		03/02/15 11:39	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1		03/02/15 11:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	1		03/02/15 11:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	1		03/02/15 11:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.2	1		03/02/15 11:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	1		03/02/15 11:39	108-67-8	
Vinyl acetate	ND	ug/kg	125	1		03/02/15 11:39	108-05-4	
Vinyl chloride	ND	ug/kg	6.2	1		03/02/15 11:39	75-01-4	
Xylene (Total)	ND	ug/kg	6.2	1		03/02/15 11:39	1330-20-7	
m&p-Xylene	ND	ug/kg	6.2	1		03/02/15 11:39	179601-23-1	
o-Xylene	ND	ug/kg	6.2	1		03/02/15 11:39	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	82-137	1		03/02/15 11:39	2037-26-5	
4-Bromofluorobenzene (S)	102	%	82-119	1		03/02/15 11:39	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	81-142	1		03/02/15 11:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**20.1**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW9-7.5' **Lab ID: 60188796002** Collected: 02/26/15 16:05 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	7.2	1	03/02/15 12:00	03/03/15 15:23	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	41	%.	10-140	1	03/02/15 12:00	03/03/15 15:23		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	21.4	1		03/02/15 11:54	67-64-1	
Acrolein	ND	ug/kg	107	1		03/02/15 11:54	107-02-8	
Acrylonitrile	ND	ug/kg	107	1		03/02/15 11:54	107-13-1	
Benzene	ND	ug/kg	5.3	1		03/02/15 11:54	71-43-2	
Bromobenzene	ND	ug/kg	5.3	1		03/02/15 11:54	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1		03/02/15 11:54	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1		03/02/15 11:54	75-27-4	
Bromoform	ND	ug/kg	5.3	1		03/02/15 11:54	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		03/02/15 11:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.7	1		03/02/15 11:54	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1		03/02/15 11:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1		03/02/15 11:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	1		03/02/15 11:54	98-06-6	
Carbon disulfide	ND	ug/kg	5.3	1		03/02/15 11:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		03/02/15 11:54	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		03/02/15 11:54	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		03/02/15 11:54	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	5.3	1		03/02/15 11:54	110-75-8	
Chloroform	ND	ug/kg	5.3	1		03/02/15 11:54	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		03/02/15 11:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.3	1		03/02/15 11:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1		03/02/15 11:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.7	1		03/02/15 11:54	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1		03/02/15 11:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		03/02/15 11:54	106-93-4	
Dibromomethane	ND	ug/kg	5.3	1		03/02/15 11:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		03/02/15 11:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		03/02/15 11:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		03/02/15 11:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.3	1		03/02/15 11:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		03/02/15 11:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		03/02/15 11:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.3	1		03/02/15 11:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.3	1		03/02/15 11:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		03/02/15 11:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		03/02/15 11:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		03/02/15 11:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	1		03/02/15 11:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1		03/02/15 11:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1		03/02/15 11:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		03/02/15 11:54	10061-01-5	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW9-7.5' **Lab ID: 60188796002** Collected: 02/26/15 16:05 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		03/02/15 11:54	10061-02-6	
Ethylbenzene	ND	ug/kg	5.3	1		03/02/15 11:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1		03/02/15 11:54	87-68-3	
2-Hexanone	ND	ug/kg	21.4	1		03/02/15 11:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		03/02/15 11:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1		03/02/15 11:54	99-87-6	
Methylene chloride	ND	ug/kg	5.3	1		03/02/15 11:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.7	1		03/02/15 11:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		03/02/15 11:54	1634-04-4	
Naphthalene	ND	ug/kg	10.7	1		03/02/15 11:54	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1		03/02/15 11:54	103-65-1	
Styrene	ND	ug/kg	5.3	1		03/02/15 11:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1		03/02/15 11:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		03/02/15 11:54	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		03/02/15 11:54	127-18-4	
Toluene	ND	ug/kg	5.3	1		03/02/15 11:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1		03/02/15 11:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		03/02/15 11:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		03/02/15 11:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		03/02/15 11:54	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1		03/02/15 11:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		03/02/15 11:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1		03/02/15 11:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1		03/02/15 11:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		03/02/15 11:54	108-67-8	
Vinyl acetate	ND	ug/kg	107	1		03/02/15 11:54	108-05-4	
Vinyl chloride	ND	ug/kg	5.3	1		03/02/15 11:54	75-01-4	
Xylene (Total)	ND	ug/kg	5.3	1		03/02/15 11:54	1330-20-7	
m&p-Xylene	ND	ug/kg	5.3	1		03/02/15 11:54	179601-23-1	
o-Xylene	ND	ug/kg	5.3	1		03/02/15 11:54	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	82-137	1		03/02/15 11:54	2037-26-5	
4-Bromofluorobenzene (S)	104	%	82-119	1		03/02/15 11:54	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	81-142	1		03/02/15 11:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**7.1**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW10-12.5' **Lab ID: 60188796003** Collected: 02/26/15 16:10 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	6.9	1	03/02/15 12:00	03/03/15 15:45	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	65	%.	10-140	1	03/02/15 12:00	03/03/15 15:45		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	19.2	1		03/02/15 12:09	67-64-1	
Acrolein	ND	ug/kg	95.8	1		03/02/15 12:09	107-02-8	
Acrylonitrile	ND	ug/kg	95.8	1		03/02/15 12:09	107-13-1	
Benzene	ND	ug/kg	4.8	1		03/02/15 12:09	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		03/02/15 12:09	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		03/02/15 12:09	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		03/02/15 12:09	75-27-4	
Bromoform	ND	ug/kg	4.8	1		03/02/15 12:09	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		03/02/15 12:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9.6	1		03/02/15 12:09	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		03/02/15 12:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		03/02/15 12:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		03/02/15 12:09	98-06-6	
Carbon disulfide	ND	ug/kg	4.8	1		03/02/15 12:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		03/02/15 12:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		03/02/15 12:09	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		03/02/15 12:09	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	4.8	1		03/02/15 12:09	110-75-8	
Chloroform	ND	ug/kg	4.8	1		03/02/15 12:09	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		03/02/15 12:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		03/02/15 12:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		03/02/15 12:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.6	1		03/02/15 12:09	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		03/02/15 12:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		03/02/15 12:09	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		03/02/15 12:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		03/02/15 12:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		03/02/15 12:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		03/02/15 12:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		03/02/15 12:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		03/02/15 12:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		03/02/15 12:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.8	1		03/02/15 12:09	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1		03/02/15 12:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		03/02/15 12:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		03/02/15 12:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		03/02/15 12:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		03/02/15 12:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		03/02/15 12:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		03/02/15 12:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		03/02/15 12:09	10061-01-5	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW10-12.5' **Lab ID: 60188796003** Collected: 02/26/15 16:10 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		03/02/15 12:09	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		03/02/15 12:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		03/02/15 12:09	87-68-3	
2-Hexanone	ND	ug/kg	19.2	1		03/02/15 12:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		03/02/15 12:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		03/02/15 12:09	99-87-6	
Methylene chloride	ND	ug/kg	4.8	1		03/02/15 12:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	1		03/02/15 12:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		03/02/15 12:09	1634-04-4	
Naphthalene	ND	ug/kg	9.6	1		03/02/15 12:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		03/02/15 12:09	103-65-1	
Styrene	ND	ug/kg	4.8	1		03/02/15 12:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		03/02/15 12:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		03/02/15 12:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		03/02/15 12:09	127-18-4	
Toluene	ND	ug/kg	4.8	1		03/02/15 12:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		03/02/15 12:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		03/02/15 12:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		03/02/15 12:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		03/02/15 12:09	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		03/02/15 12:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		03/02/15 12:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		03/02/15 12:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		03/02/15 12:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		03/02/15 12:09	108-67-8	
Vinyl acetate	ND	ug/kg	95.8	1		03/02/15 12:09	108-05-4	
Vinyl chloride	ND	ug/kg	4.8	1		03/02/15 12:09	75-01-4	
Xylene (Total)	ND	ug/kg	4.8	1		03/02/15 12:09	1330-20-7	
m&p-Xylene	ND	ug/kg	4.8	1		03/02/15 12:09	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		03/02/15 12:09	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	82-137	1		03/02/15 12:09	2037-26-5	
4-Bromofluorobenzene (S)	103	%	82-119	1		03/02/15 12:09	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	81-142	1		03/02/15 12:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**5.5**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW11-2.5' **Lab ID: 60188796004** Collected: 02/26/15 16:20 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	12.2	1	03/02/15 12:00	03/03/15 16:08	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	46	%.	10-140	1	03/02/15 12:00	03/03/15 16:08		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	**122**	ug/kg	24.3	1		03/02/15 12:25	67-64-1	
Acrolein	ND	ug/kg	121	1		03/02/15 12:25	107-02-8	
Acrylonitrile	ND	ug/kg	121	1		03/02/15 12:25	107-13-1	
Benzene	ND	ug/kg	6.1	1		03/02/15 12:25	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1		03/02/15 12:25	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1		03/02/15 12:25	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1		03/02/15 12:25	75-27-4	
Bromoform	ND	ug/kg	6.1	1		03/02/15 12:25	75-25-2	
Bromomethane	ND	ug/kg	6.1	1		03/02/15 12:25	74-83-9	
2-Butanone (MEK)	**13.6**	ug/kg	12.1	1		03/02/15 12:25	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1		03/02/15 12:25	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	1		03/02/15 12:25	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1		03/02/15 12:25	98-06-6	
Carbon disulfide	ND	ug/kg	6.1	1		03/02/15 12:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.1	1		03/02/15 12:25	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		03/02/15 12:25	108-90-7	
Chloroethane	ND	ug/kg	6.1	1		03/02/15 12:25	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	6.1	1		03/02/15 12:25	110-75-8	
Chloroform	ND	ug/kg	6.1	1		03/02/15 12:25	67-66-3	
Chloromethane	ND	ug/kg	6.1	1		03/02/15 12:25	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1		03/02/15 12:25	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1		03/02/15 12:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.1	1		03/02/15 12:25	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	1		03/02/15 12:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		03/02/15 12:25	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1		03/02/15 12:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		03/02/15 12:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		03/02/15 12:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		03/02/15 12:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.1	1		03/02/15 12:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		03/02/15 12:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		03/02/15 12:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.1	1		03/02/15 12:25	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.1	1		03/02/15 12:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		03/02/15 12:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		03/02/15 12:25	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		03/02/15 12:25	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1		03/02/15 12:25	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1		03/02/15 12:25	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1		03/02/15 12:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		03/02/15 12:25	10061-01-5	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW11-2.5' **Lab ID: 60188796004** Collected: 02/26/15 16:20 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		03/02/15 12:25	10061-02-6	
Ethylbenzene	ND	ug/kg	6.1	1		03/02/15 12:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	1		03/02/15 12:25	87-68-3	
2-Hexanone	ND	ug/kg	24.3	1		03/02/15 12:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		03/02/15 12:25	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	1		03/02/15 12:25	99-87-6	
Methylene chloride	ND	ug/kg	6.1	1		03/02/15 12:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.1	1		03/02/15 12:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		03/02/15 12:25	1634-04-4	
Naphthalene	ND	ug/kg	12.1	1		03/02/15 12:25	91-20-3	
n-Propylbenzene	ND	ug/kg	6.1	1		03/02/15 12:25	103-65-1	
Styrene	ND	ug/kg	6.1	1		03/02/15 12:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1		03/02/15 12:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		03/02/15 12:25	79-34-5	
Tetrachloroethene	**11.7**	ug/kg	6.1	1		03/02/15 12:25	127-18-4	
Toluene	ND	ug/kg	6.1	1		03/02/15 12:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1		03/02/15 12:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		03/02/15 12:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		03/02/15 12:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1		03/02/15 12:25	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1		03/02/15 12:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	1		03/02/15 12:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1		03/02/15 12:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1		03/02/15 12:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1		03/02/15 12:25	108-67-8	
Vinyl acetate	ND	ug/kg	121	1		03/02/15 12:25	108-05-4	
Vinyl chloride	ND	ug/kg	6.1	1		03/02/15 12:25	75-01-4	
Xylene (Total)	ND	ug/kg	6.1	1		03/02/15 12:25	1330-20-7	
m&p-Xylene	ND	ug/kg	6.1	1		03/02/15 12:25	179601-23-1	
o-Xylene	ND	ug/kg	6.1	1		03/02/15 12:25	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	82-137	1		03/02/15 12:25	2037-26-5	
4-Bromofluorobenzene (S)	99	%	82-119	1		03/02/15 12:25	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	81-142	1		03/02/15 12:25	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**19.1**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW12-7.5' **Lab ID: 60188796005** Collected: 02/26/15 16:25 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	7.7	1	03/02/15 12:00	03/03/15 16:30	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	49	%.	10-140	1	03/02/15 12:00	03/03/15 16:30		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	31.7	1		03/02/15 12:40	67-64-1	
Acrolein	ND	ug/kg	159	1		03/02/15 12:40	107-02-8	
Acrylonitrile	ND	ug/kg	159	1		03/02/15 12:40	107-13-1	
Benzene	ND	ug/kg	7.9	1		03/02/15 12:40	71-43-2	
Bromobenzene	ND	ug/kg	7.9	1		03/02/15 12:40	108-86-1	
Bromochloromethane	ND	ug/kg	7.9	1		03/02/15 12:40	74-97-5	
Bromodichloromethane	ND	ug/kg	7.9	1		03/02/15 12:40	75-27-4	
Bromoform	ND	ug/kg	7.9	1		03/02/15 12:40	75-25-2	
Bromomethane	ND	ug/kg	7.9	1		03/02/15 12:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	15.9	1		03/02/15 12:40	78-93-3	
n-Butylbenzene	ND	ug/kg	7.9	1		03/02/15 12:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.9	1		03/02/15 12:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.9	1		03/02/15 12:40	98-06-6	
Carbon disulfide	ND	ug/kg	7.9	1		03/02/15 12:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.9	1		03/02/15 12:40	56-23-5	
Chlorobenzene	ND	ug/kg	7.9	1		03/02/15 12:40	108-90-7	
Chloroethane	ND	ug/kg	7.9	1		03/02/15 12:40	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	7.9	1		03/02/15 12:40	110-75-8	
Chloroform	ND	ug/kg	7.9	1		03/02/15 12:40	67-66-3	
Chloromethane	ND	ug/kg	7.9	1		03/02/15 12:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.9	1		03/02/15 12:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.9	1		03/02/15 12:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.9	1		03/02/15 12:40	96-12-8	
Dibromochloromethane	ND	ug/kg	7.9	1		03/02/15 12:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.9	1		03/02/15 12:40	106-93-4	
Dibromomethane	ND	ug/kg	7.9	1		03/02/15 12:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.9	1		03/02/15 12:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.9	1		03/02/15 12:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.9	1		03/02/15 12:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.9	1		03/02/15 12:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.9	1		03/02/15 12:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.9	1		03/02/15 12:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.9	1		03/02/15 12:40	540-59-0	
1,1-Dichloroethene	ND	ug/kg	7.9	1		03/02/15 12:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.9	1		03/02/15 12:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.9	1		03/02/15 12:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.9	1		03/02/15 12:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.9	1		03/02/15 12:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.9	1		03/02/15 12:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.9	1		03/02/15 12:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.9	1		03/02/15 12:40	10061-01-5	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW12-7.5' **Lab ID: 60188796005** Collected: 02/26/15 16:25 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/kg	7.9	1		03/02/15 12:40	10061-02-6	
Ethylbenzene	ND	ug/kg	7.9	1		03/02/15 12:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.9	1		03/02/15 12:40	87-68-3	
2-Hexanone	ND	ug/kg	31.7	1		03/02/15 12:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.9	1		03/02/15 12:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.9	1		03/02/15 12:40	99-87-6	
Methylene chloride	ND	ug/kg	7.9	1		03/02/15 12:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.9	1		03/02/15 12:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.9	1		03/02/15 12:40	1634-04-4	
Naphthalene	ND	ug/kg	15.9	1		03/02/15 12:40	91-20-3	
n-Propylbenzene	ND	ug/kg	7.9	1		03/02/15 12:40	103-65-1	
Styrene	ND	ug/kg	7.9	1		03/02/15 12:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.9	1		03/02/15 12:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.9	1		03/02/15 12:40	79-34-5	
Tetrachloroethene	ND	ug/kg	7.9	1		03/02/15 12:40	127-18-4	
Toluene	ND	ug/kg	7.9	1		03/02/15 12:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.9	1		03/02/15 12:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.9	1		03/02/15 12:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.9	1		03/02/15 12:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.9	1		03/02/15 12:40	79-00-5	
Trichloroethene	ND	ug/kg	7.9	1		03/02/15 12:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.9	1		03/02/15 12:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.9	1		03/02/15 12:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.9	1		03/02/15 12:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.9	1		03/02/15 12:40	108-67-8	
Vinyl acetate	ND	ug/kg	159	1		03/02/15 12:40	108-05-4	
Vinyl chloride	ND	ug/kg	7.9	1		03/02/15 12:40	75-01-4	
Xylene (Total)	ND	ug/kg	7.9	1		03/02/15 12:40	1330-20-7	
m&p-Xylene	ND	ug/kg	7.9	1		03/02/15 12:40	179601-23-1	
o-Xylene	ND	ug/kg	7.9	1		03/02/15 12:40	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	82-137	1		03/02/15 12:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%	82-119	1		03/02/15 12:40	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	81-142	1		03/02/15 12:40	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**16.1**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW13-12.5' **Lab ID: 60188796006** Collected: 02/26/15 16:30 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	6.7	1	03/02/15 12:00	03/03/15 15:04	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	48	%.	10-140	1	03/02/15 12:00	03/03/15 15:04		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	22.5	1		03/02/15 12:55	67-64-1	
Acrolein	ND	ug/kg	112	1		03/02/15 12:55	107-02-8	
Acrylonitrile	ND	ug/kg	112	1		03/02/15 12:55	107-13-1	
Benzene	ND	ug/kg	5.6	1		03/02/15 12:55	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1		03/02/15 12:55	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1		03/02/15 12:55	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	1		03/02/15 12:55	75-27-4	
Bromoform	ND	ug/kg	5.6	1		03/02/15 12:55	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		03/02/15 12:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	11.2	1		03/02/15 12:55	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		03/02/15 12:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		03/02/15 12:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	1		03/02/15 12:55	98-06-6	
Carbon disulfide	ND	ug/kg	5.6	1		03/02/15 12:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		03/02/15 12:55	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		03/02/15 12:55	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		03/02/15 12:55	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	5.6	1		03/02/15 12:55	110-75-8	
Chloroform	ND	ug/kg	5.6	1		03/02/15 12:55	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		03/02/15 12:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1		03/02/15 12:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1		03/02/15 12:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	1		03/02/15 12:55	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	1		03/02/15 12:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		03/02/15 12:55	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1		03/02/15 12:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		03/02/15 12:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		03/02/15 12:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		03/02/15 12:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.6	1		03/02/15 12:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		03/02/15 12:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		03/02/15 12:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.6	1		03/02/15 12:55	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.6	1		03/02/15 12:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		03/02/15 12:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		03/02/15 12:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		03/02/15 12:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1		03/02/15 12:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1		03/02/15 12:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1		03/02/15 12:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		03/02/15 12:55	10061-01-5	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP1-SW13-12.5' **Lab ID: 60188796006** Collected: 02/26/15 16:30 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		03/02/15 12:55	10061-02-6	
Ethylbenzene	ND	ug/kg	5.6	1		03/02/15 12:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	1		03/02/15 12:55	87-68-3	
2-Hexanone	ND	ug/kg	22.5	1		03/02/15 12:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		03/02/15 12:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		03/02/15 12:55	99-87-6	
Methylene chloride	ND	ug/kg	5.6	1		03/02/15 12:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	1		03/02/15 12:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		03/02/15 12:55	1634-04-4	
Naphthalene	ND	ug/kg	11.2	1		03/02/15 12:55	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1		03/02/15 12:55	103-65-1	
Styrene	ND	ug/kg	5.6	1		03/02/15 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	1		03/02/15 12:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		03/02/15 12:55	79-34-5	
Tetrachloroethene	**7.0**	ug/kg	5.6	1		03/02/15 12:55	127-18-4	
Toluene	ND	ug/kg	5.6	1		03/02/15 12:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	1		03/02/15 12:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		03/02/15 12:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		03/02/15 12:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		03/02/15 12:55	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		03/02/15 12:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	1		03/02/15 12:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1		03/02/15 12:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		03/02/15 12:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		03/02/15 12:55	108-67-8	
Vinyl acetate	ND	ug/kg	112	1		03/02/15 12:55	108-05-4	
Vinyl chloride	ND	ug/kg	5.6	1		03/02/15 12:55	75-01-4	
Xylene (Total)	ND	ug/kg	5.6	1		03/02/15 12:55	1330-20-7	
m&p-Xylene	ND	ug/kg	5.6	1		03/02/15 12:55	179601-23-1	
o-Xylene	ND	ug/kg	5.6	1		03/02/15 12:55	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	82-137	1		03/02/15 12:55	2037-26-5	
4-Bromofluorobenzene (S)	102	%	82-119	1		03/02/15 12:55	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	81-142	1		03/02/15 12:55	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**3.5**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-1NE **Lab ID: 60188796007** Collected: 02/26/15 16:45 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.5**	mg/kg	0.29	1	03/02/15 09:45	03/02/15 14:48	7440-38-2	M1
Barium	**115**	mg/kg	5.8	1	03/02/15 09:45	03/02/15 14:48	7440-39-3	M1,R1
Cadmium	**0.96**	mg/kg	0.12	1	03/02/15 09:45	03/02/15 14:48	7440-43-9	M1
Chromium	**26.5**	mg/kg	0.29	1	03/02/15 09:45	03/02/15 14:48	7440-47-3	M1
Lead	**79.3**	mg/kg	0.58	1	03/02/15 09:45	03/02/15 14:48	7439-92-1	M1
Selenium	ND	mg/kg	0.58	1	03/02/15 09:45	03/02/15 14:48	7782-49-2	M1
Silver	ND	mg/kg	0.29	1	03/02/15 09:45	03/02/15 14:48	7440-22-4	M1
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.077**	mg/kg	0.043	1	03/02/15 11:00	03/02/15 13:15	7439-97-6	
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	7.6	1	03/02/15 12:00	03/03/15 15:23	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	40	%.	10-140	1	03/02/15 12:00	03/03/15 15:23		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	**114**	ug/kg	22.3	1		03/02/15 13:11	67-64-1	
Acrolein	ND	ug/kg	112	1		03/02/15 13:11	107-02-8	
Acrylonitrile	ND	ug/kg	112	1		03/02/15 13:11	107-13-1	
Benzene	ND	ug/kg	5.6	1		03/02/15 13:11	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1		03/02/15 13:11	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1		03/02/15 13:11	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	1		03/02/15 13:11	75-27-4	
Bromoform	ND	ug/kg	5.6	1		03/02/15 13:11	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		03/02/15 13:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	11.2	1		03/02/15 13:11	78-93-3	
n-Butylbenzene	**29.8**	ug/kg	5.6	1		03/02/15 13:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		03/02/15 13:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	1		03/02/15 13:11	98-06-6	
Carbon disulfide	ND	ug/kg	5.6	1		03/02/15 13:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		03/02/15 13:11	56-23-5	
Chlorobenzene	**14.7**	ug/kg	5.6	1		03/02/15 13:11	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		03/02/15 13:11	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	5.6	1		03/02/15 13:11	110-75-8	
Chloroform	ND	ug/kg	5.6	1		03/02/15 13:11	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		03/02/15 13:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1		03/02/15 13:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1		03/02/15 13:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	1		03/02/15 13:11	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	1		03/02/15 13:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		03/02/15 13:11	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1		03/02/15 13:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		03/02/15 13:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		03/02/15 13:11	541-73-1	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-1NE **Lab ID: 60188796007** Collected: 02/26/15 16:45 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		03/02/15 13:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.6	1		03/02/15 13:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		03/02/15 13:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		03/02/15 13:11	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.6	1		03/02/15 13:11	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.6	1		03/02/15 13:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		03/02/15 13:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		03/02/15 13:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		03/02/15 13:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1		03/02/15 13:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1		03/02/15 13:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1		03/02/15 13:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		03/02/15 13:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		03/02/15 13:11	10061-02-6	
Ethylbenzene	**31.9**	ug/kg	5.6	1		03/02/15 13:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	1		03/02/15 13:11	87-68-3	
2-Hexanone	ND	ug/kg	22.3	1		03/02/15 13:11	591-78-6	
Isopropylbenzene (Cumene)	**11.8**	ug/kg	5.6	1		03/02/15 13:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		03/02/15 13:11	99-87-6	
Methylene chloride	ND	ug/kg	5.6	1		03/02/15 13:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	1		03/02/15 13:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		03/02/15 13:11	1634-04-4	
Naphthalene	**71.9**	ug/kg	11.2	1		03/02/15 13:11	91-20-3	
n-Propylbenzene	**51.0**	ug/kg	5.6	1		03/02/15 13:11	103-65-1	
Styrene	ND	ug/kg	5.6	1		03/02/15 13:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	1		03/02/15 13:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		03/02/15 13:11	79-34-5	
Tetrachloroethene	**7.3**	ug/kg	5.6	1		03/02/15 13:11	127-18-4	
Toluene	**18.9**	ug/kg	5.6	1		03/02/15 13:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	1		03/02/15 13:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		03/02/15 13:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		03/02/15 13:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		03/02/15 13:11	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		03/02/15 13:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	1		03/02/15 13:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1		03/02/15 13:11	96-18-4	
1,2,4-Trimethylbenzene	**2970**	ug/kg	265	50		03/03/15 12:35	95-63-6	
1,3,5-Trimethylbenzene	**154**	ug/kg	5.6	1		03/02/15 13:11	108-67-8	
Vinyl acetate	ND	ug/kg	112	1		03/02/15 13:11	108-05-4	
Vinyl chloride	ND	ug/kg	5.6	1		03/02/15 13:11	75-01-4	
Xylene (Total)	**1610**	ug/kg	265	50		03/03/15 12:35	1330-20-7	
m&p-Xylene	**155**	ug/kg	5.6	1		03/02/15 13:11	179601-23-1	
o-Xylene	**1460**	ug/kg	265	50		03/03/15 12:35	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	82-137	1		03/02/15 13:11	2037-26-5	
4-Bromofluorobenzene (S)	103	%	82-119	1		03/02/15 13:11	460-00-4	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-1NE **Lab ID: 60188796007** Collected: 02/26/15 16:45 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	81-142	1		03/02/15 13:11	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**14.0**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-2NW **Lab ID: 60188796008** Collected: 02/26/15 16:50 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.2**	mg/kg	0.29	1	03/02/15 09:45	03/02/15 14:55	7440-38-2	
Barium	**107**	mg/kg	5.9	1	03/02/15 09:45	03/02/15 14:55	7440-39-3	
Cadmium	**0.66**	mg/kg	0.12	1	03/02/15 09:45	03/02/15 14:55	7440-43-9	
Chromium	**26.8**	mg/kg	0.29	1	03/02/15 09:45	03/02/15 14:55	7440-47-3	
Lead	**73.9**	mg/kg	0.59	1	03/02/15 09:45	03/02/15 14:55	7439-92-1	
Selenium	ND	mg/kg	0.59	1	03/02/15 09:45	03/02/15 14:55	7782-49-2	
Silver	ND	mg/kg	0.29	1	03/02/15 09:45	03/02/15 14:55	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.072**	mg/kg	0.039	1	03/02/15 11:00	03/02/15 13:22	7439-97-6	
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	8.0	1	03/02/15 12:00	03/03/15 15:43	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	56	%.	10-140	1	03/02/15 12:00	03/03/15 15:43		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	**317**	ug/kg	19.6	1		03/02/15 13:26	67-64-1	
Acrolein	ND	ug/kg	98.0	1		03/02/15 13:26	107-02-8	
Acrylonitrile	ND	ug/kg	98.0	1		03/02/15 13:26	107-13-1	
Benzene	**5.5**	ug/kg	4.9	1		03/02/15 13:26	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		03/02/15 13:26	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		03/02/15 13:26	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		03/02/15 13:26	75-27-4	
Bromoform	ND	ug/kg	4.9	1		03/02/15 13:26	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		03/02/15 13:26	74-83-9	
2-Butanone (MEK)	**32.2**	ug/kg	9.8	1		03/02/15 13:26	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		03/02/15 13:26	104-51-8	
sec-Butylbenzene	**11.5**	ug/kg	4.9	1		03/02/15 13:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		03/02/15 13:26	98-06-6	
Carbon disulfide	ND	ug/kg	4.9	1		03/02/15 13:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		03/02/15 13:26	56-23-5	
Chlorobenzene	**42.0**	ug/kg	4.9	1		03/02/15 13:26	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		03/02/15 13:26	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	4.9	1		03/02/15 13:26	110-75-8	
Chloroform	ND	ug/kg	4.9	1		03/02/15 13:26	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		03/02/15 13:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		03/02/15 13:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		03/02/15 13:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	1		03/02/15 13:26	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		03/02/15 13:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		03/02/15 13:26	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		03/02/15 13:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		03/02/15 13:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		03/02/15 13:26	541-73-1	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-2NW **Lab ID: 60188796008** Collected: 02/26/15 16:50 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	**10.9**	ug/kg	4.9	1		03/02/15 13:26	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		03/02/15 13:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		03/02/15 13:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		03/02/15 13:26	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.9	1		03/02/15 13:26	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		03/02/15 13:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		03/02/15 13:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		03/02/15 13:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		03/02/15 13:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		03/02/15 13:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		03/02/15 13:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		03/02/15 13:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		03/02/15 13:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		03/02/15 13:26	10061-02-6	
Ethylbenzene	**60.1**	ug/kg	4.9	1		03/02/15 13:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		03/02/15 13:26	87-68-3	
2-Hexanone	ND	ug/kg	19.6	1		03/02/15 13:26	591-78-6	
Isopropylbenzene (Cumene)	**22.9**	ug/kg	4.9	1		03/02/15 13:26	98-82-8	
p-Isopropyltoluene	**9.3**	ug/kg	4.9	1		03/02/15 13:26	99-87-6	
Methylene chloride	ND	ug/kg	4.9	1		03/02/15 13:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	1		03/02/15 13:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		03/02/15 13:26	1634-04-4	
Naphthalene	**86.0**	ug/kg	9.8	1		03/02/15 13:26	91-20-3	
n-Propylbenzene	**83.5**	ug/kg	4.9	1		03/02/15 13:26	103-65-1	
Styrene	ND	ug/kg	4.9	1		03/02/15 13:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		03/02/15 13:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		03/02/15 13:26	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		03/02/15 13:26	127-18-4	
Toluene	**96.8**	ug/kg	4.9	1		03/02/15 13:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		03/02/15 13:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		03/02/15 13:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		03/02/15 13:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		03/02/15 13:26	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		03/02/15 13:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		03/02/15 13:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		03/02/15 13:26	96-18-4	
1,2,4-Trimethylbenzene	**15500**	ug/kg	261	50		03/03/15 12:50	95-63-6	
1,3,5-Trimethylbenzene	**3970**	ug/kg	261	50		03/03/15 12:50	108-67-8	
Vinyl acetate	ND	ug/kg	98.0	1		03/02/15 13:26	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		03/02/15 13:26	75-01-4	
Xylene (Total)	**4880**	ug/kg	261	50		03/03/15 12:50	1330-20-7	
m&p-Xylene	**310**	ug/kg	4.9	1		03/02/15 13:26	179601-23-1	
o-Xylene	**4550**	ug/kg	261	50		03/03/15 12:50	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	82-137	1		03/02/15 13:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%	82-119	1		03/02/15 13:26	460-00-4	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-2NW **Lab ID: 60188796008** Collected: 02/26/15 16:50 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	81-142	1		03/02/15 13:26	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**18.7**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-3SE **Lab ID: 60188796009** Collected: 02/26/15 16:55 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.0**	mg/kg	0.30	1	03/02/15 09:45	03/02/15 14:57	7440-38-2	
Barium	**104**	mg/kg	6.1	1	03/02/15 09:45	03/02/15 14:57	7440-39-3	
Cadmium	**0.73**	mg/kg	0.12	1	03/02/15 09:45	03/02/15 14:57	7440-43-9	
Chromium	**19.6**	mg/kg	0.30	1	03/02/15 09:45	03/02/15 14:57	7440-47-3	
Lead	**140**	mg/kg	0.61	1	03/02/15 09:45	03/02/15 14:57	7439-92-1	
Selenium	ND	mg/kg	0.61	1	03/02/15 09:45	03/02/15 14:57	7782-49-2	
Silver	ND	mg/kg	0.30	1	03/02/15 09:45	03/02/15 14:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.079**	mg/kg	0.044	1	03/02/15 11:00	03/02/15 13:24	7439-97-6	
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	8.0	1	03/02/15 12:00	03/03/15 16:03	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	55	%.	10-140	1	03/02/15 12:00	03/03/15 16:03		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	**43.1**	ug/kg	19.3	1		03/02/15 20:50	67-64-1	
Acrolein	ND	ug/kg	96.4	1		03/02/15 20:50	107-02-8	
Acrylonitrile	ND	ug/kg	96.4	1		03/02/15 20:50	107-13-1	
Benzene	ND	ug/kg	4.8	1		03/02/15 20:50	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		03/02/15 20:50	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		03/02/15 20:50	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		03/02/15 20:50	75-27-4	
Bromoform	ND	ug/kg	4.8	1		03/02/15 20:50	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		03/02/15 20:50	74-83-9	L2
2-Butanone (MEK)	ND	ug/kg	9.6	1		03/02/15 20:50	78-93-3	
n-Butylbenzene	**10.3**	ug/kg	4.8	1		03/02/15 20:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		03/02/15 20:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		03/02/15 20:50	98-06-6	
Carbon disulfide	ND	ug/kg	4.8	1		03/02/15 20:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		03/02/15 20:50	56-23-5	L3
Chlorobenzene	**4190**	ug/kg	325	50		03/02/15 20:34	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		03/02/15 20:50	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	4.8	1		03/02/15 20:50	110-75-8	
Chloroform	ND	ug/kg	4.8	1		03/02/15 20:50	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		03/02/15 20:50	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		03/02/15 20:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		03/02/15 20:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.6	1		03/02/15 20:50	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		03/02/15 20:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		03/02/15 20:50	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		03/02/15 20:50	74-95-3	
1,2-Dichlorobenzene	**36.4**	ug/kg	4.8	1		03/02/15 20:50	95-50-1	
1,3-Dichlorobenzene	**15.0**	ug/kg	4.8	1		03/02/15 20:50	541-73-1	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-3SE **Lab ID: 60188796009** Collected: 02/26/15 16:55 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	**202**	ug/kg	4.8	1		03/02/15 20:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		03/02/15 20:50	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		03/02/15 20:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		03/02/15 20:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.8	1		03/02/15 20:50	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1		03/02/15 20:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		03/02/15 20:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		03/02/15 20:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		03/02/15 20:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		03/02/15 20:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		03/02/15 20:50	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		03/02/15 20:50	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		03/02/15 20:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		03/02/15 20:50	10061-02-6	
Ethylbenzene	**10.9**	ug/kg	4.8	1		03/02/15 20:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		03/02/15 20:50	87-68-3	
2-Hexanone	ND	ug/kg	19.3	1		03/02/15 20:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		03/02/15 20:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		03/02/15 20:50	99-87-6	
Methylene chloride	ND	ug/kg	4.8	1		03/02/15 20:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	1		03/02/15 20:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		03/02/15 20:50	1634-04-4	
Naphthalene	ND	ug/kg	9.6	1		03/02/15 20:50	91-20-3	
n-Propylbenzene	**20.6**	ug/kg	4.8	1		03/02/15 20:50	103-65-1	
Styrene	ND	ug/kg	4.8	1		03/02/15 20:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		03/02/15 20:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		03/02/15 20:50	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		03/02/15 20:50	127-18-4	
Toluene	**89.7**	ug/kg	4.8	1		03/02/15 20:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		03/02/15 20:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		03/02/15 20:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		03/02/15 20:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		03/02/15 20:50	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		03/02/15 20:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		03/02/15 20:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		03/02/15 20:50	96-18-4	
1,2,4-Trimethylbenzene	**184**	ug/kg	4.8	1		03/02/15 20:50	95-63-6	
1,3,5-Trimethylbenzene	**59.2**	ug/kg	4.8	1		03/02/15 20:50	108-67-8	
Vinyl acetate	ND	ug/kg	96.4	1		03/02/15 20:50	108-05-4	
Vinyl chloride	ND	ug/kg	4.8	1		03/02/15 20:50	75-01-4	
Xylene (Total)	**70.2**	ug/kg	4.8	1		03/02/15 20:50	1330-20-7	
m&p-Xylene	**45.5**	ug/kg	4.8	1		03/02/15 20:50	179601-23-1	
o-Xylene	**24.7**	ug/kg	4.8	1		03/02/15 20:50	95-47-6	
Surrogates								
Toluene-d8 (S)	96	%	82-137	1		03/02/15 20:50	2037-26-5	
4-Bromofluorobenzene (S)	92	%	82-119	1		03/02/15 20:50	460-00-4	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-3SE **Lab ID: 60188796009** Collected: 02/26/15 16:55 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	81-142	1		03/02/15 20:50	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**17.8**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-4SW **Lab ID: 60188796010** Collected: 02/26/15 17:00 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.6**	mg/kg	0.30	1	03/02/15 09:45	03/02/15 14:59	7440-38-2	
Barium	**130**	mg/kg	5.9	1	03/02/15 09:45	03/02/15 14:59	7440-39-3	
Cadmium	**0.58**	mg/kg	0.12	1	03/02/15 09:45	03/02/15 14:59	7440-43-9	
Chromium	**29.5**	mg/kg	0.30	1	03/02/15 09:45	03/02/15 14:59	7440-47-3	
Lead	**68.8**	mg/kg	0.59	1	03/02/15 09:45	03/02/15 14:59	7439-92-1	
Selenium	ND	mg/kg	0.59	1	03/02/15 09:45	03/02/15 14:59	7782-49-2	
Silver	ND	mg/kg	0.30	1	03/02/15 09:45	03/02/15 14:59	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.085**	mg/kg	0.045	1	03/02/15 11:00	03/02/15 13:26	7439-97-6	
8270 MSSV 1.4 Dioxane By SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1,4-Dioxane (p-Dioxane)	ND	ug/kg	7.8	1	03/02/15 12:00	03/03/15 16:22	123-91-1	
Surrogates								
1,4-Dioxane-d8(S)	48	%.	10-140	1	03/02/15 12:00	03/03/15 16:22		
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	**261**	ug/kg	18.5	1		03/02/15 13:56	67-64-1	
Acrolein	ND	ug/kg	92.5	1		03/02/15 13:56	107-02-8	
Acrylonitrile	ND	ug/kg	92.5	1		03/02/15 13:56	107-13-1	
Benzene	ND	ug/kg	4.6	1		03/02/15 13:56	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		03/02/15 13:56	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		03/02/15 13:56	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		03/02/15 13:56	75-27-4	
Bromoform	ND	ug/kg	4.6	1		03/02/15 13:56	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		03/02/15 13:56	74-83-9	
2-Butanone (MEK)	**12.4**	ug/kg	9.3	1		03/02/15 13:56	78-93-3	
n-Butylbenzene	**65.9**	ug/kg	4.6	1		03/02/15 13:56	104-51-8	
sec-Butylbenzene	**15.6**	ug/kg	4.6	1		03/02/15 13:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		03/02/15 13:56	98-06-6	
Carbon disulfide	ND	ug/kg	4.6	1		03/02/15 13:56	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		03/02/15 13:56	56-23-5	
Chlorobenzene	**49.5**	ug/kg	4.6	1		03/02/15 13:56	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		03/02/15 13:56	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	4.6	1		03/02/15 13:56	110-75-8	
Chloroform	ND	ug/kg	4.6	1		03/02/15 13:56	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		03/02/15 13:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		03/02/15 13:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		03/02/15 13:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.3	1		03/02/15 13:56	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		03/02/15 13:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		03/02/15 13:56	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		03/02/15 13:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		03/02/15 13:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		03/02/15 13:56	541-73-1	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-4SW **Lab ID: 60188796010** Collected: 02/26/15 17:00 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	**13.3**	ug/kg	4.6	1		03/02/15 13:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		03/02/15 13:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		03/02/15 13:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		03/02/15 13:56	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.6	1		03/02/15 13:56	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		03/02/15 13:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		03/02/15 13:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		03/02/15 13:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		03/02/15 13:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		03/02/15 13:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		03/02/15 13:56	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		03/02/15 13:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		03/02/15 13:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		03/02/15 13:56	10061-02-6	
Ethylbenzene	**111**	ug/kg	4.6	1		03/02/15 13:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		03/02/15 13:56	87-68-3	
2-Hexanone	ND	ug/kg	18.5	1		03/02/15 13:56	591-78-6	
Isopropylbenzene (Cumene)	**42.3**	ug/kg	4.6	1		03/02/15 13:56	98-82-8	
p-Isopropyltoluene	**10.2**	ug/kg	4.6	1		03/02/15 13:56	99-87-6	
Methylene chloride	ND	ug/kg	4.6	1		03/02/15 13:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.3	1		03/02/15 13:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		03/02/15 13:56	1634-04-4	
Naphthalene	**132**	ug/kg	9.3	1		03/02/15 13:56	91-20-3	
n-Propylbenzene	**101**	ug/kg	4.6	1		03/02/15 13:56	103-65-1	
Styrene	ND	ug/kg	4.6	1		03/02/15 13:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		03/02/15 13:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		03/02/15 13:56	79-34-5	
Tetrachloroethene	**15.1**	ug/kg	4.6	1		03/02/15 13:56	127-18-4	
Toluene	**88.9**	ug/kg	4.6	1		03/02/15 13:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		03/02/15 13:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		03/02/15 13:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		03/02/15 13:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		03/02/15 13:56	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		03/02/15 13:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		03/02/15 13:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		03/02/15 13:56	96-18-4	
1,2,4-Trimethylbenzene	**4230**	ug/kg	269	50		03/03/15 13:05	95-63-6	
1,3,5-Trimethylbenzene	**275**	ug/kg	4.6	1		03/02/15 13:56	108-67-8	
Vinyl acetate	ND	ug/kg	92.5	1		03/02/15 13:56	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		03/02/15 13:56	75-01-4	
Xylene (Total)	**211000**	ug/kg	26900	5000		03/03/15 14:06	1330-20-7	
m&p-Xylene	**542**	ug/kg	4.6	1		03/02/15 13:56	179601-23-1	
o-Xylene	**210000**	ug/kg	26900	5000		03/03/15 14:06	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	82-137	1		03/02/15 13:56	2037-26-5	
4-Bromofluorobenzene (S)	111	%	82-119	1		03/02/15 13:56	460-00-4	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: PP-SP-4SW **Lab ID: 60188796010** Collected: 02/26/15 17:00 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	81-142	1		03/02/15 13:56	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**15.3**	%	0.50	1		03/02/15 00:00		

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: TRIP BLANK **Lab ID: 60188796011** Collected: 02/26/15 16:00 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	20.0	1		03/02/15 10:53	67-64-1	
Acrolein	ND	ug/kg	100	1		03/02/15 10:53	107-02-8	
Acrylonitrile	ND	ug/kg	100	1		03/02/15 10:53	107-13-1	
Benzene	ND	ug/kg	5.0	1		03/02/15 10:53	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		03/02/15 10:53	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		03/02/15 10:53	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		03/02/15 10:53	75-27-4	
Bromoform	ND	ug/kg	5.0	1		03/02/15 10:53	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		03/02/15 10:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10.0	1		03/02/15 10:53	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		03/02/15 10:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		03/02/15 10:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		03/02/15 10:53	98-06-6	
Carbon disulfide	ND	ug/kg	5.0	1		03/02/15 10:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		03/02/15 10:53	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		03/02/15 10:53	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		03/02/15 10:53	75-00-3	
2-Chloroethylvinyl ether	ND	ug/kg	5.0	1		03/02/15 10:53	110-75-8	
Chloroform	ND	ug/kg	5.0	1		03/02/15 10:53	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		03/02/15 10:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		03/02/15 10:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		03/02/15 10:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.0	1		03/02/15 10:53	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1		03/02/15 10:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		03/02/15 10:53	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		03/02/15 10:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		03/02/15 10:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		03/02/15 10:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		03/02/15 10:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		03/02/15 10:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		03/02/15 10:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		03/02/15 10:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.0	1		03/02/15 10:53	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1		03/02/15 10:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		03/02/15 10:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		03/02/15 10:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		03/02/15 10:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		03/02/15 10:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		03/02/15 10:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		03/02/15 10:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		03/02/15 10:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		03/02/15 10:53	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		03/02/15 10:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		03/02/15 10:53	87-68-3	
2-Hexanone	ND	ug/kg	20.0	1		03/02/15 10:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		03/02/15 10:53	98-82-8	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Sample: TRIP BLANK **Lab ID: 60188796011** Collected: 02/26/15 16:00 Received: 02/27/15 23:10 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/kg	5.0	1		03/02/15 10:53	99-87-6	
Methylene chloride	ND	ug/kg	5.0	1		03/02/15 10:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	1		03/02/15 10:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		03/02/15 10:53	1634-04-4	
Naphthalene	ND	ug/kg	10.0	1		03/02/15 10:53	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		03/02/15 10:53	103-65-1	
Styrene	ND	ug/kg	5.0	1		03/02/15 10:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		03/02/15 10:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		03/02/15 10:53	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		03/02/15 10:53	127-18-4	
Toluene	ND	ug/kg	5.0	1		03/02/15 10:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		03/02/15 10:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		03/02/15 10:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		03/02/15 10:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		03/02/15 10:53	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		03/02/15 10:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		03/02/15 10:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		03/02/15 10:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		03/02/15 10:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		03/02/15 10:53	108-67-8	
Vinyl acetate	ND	ug/kg	100	1		03/02/15 10:53	108-05-4	
Vinyl chloride	ND	ug/kg	5.0	1		03/02/15 10:53	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	1		03/02/15 10:53	1330-20-7	
m&p-Xylene	ND	ug/kg	5.0	1		03/02/15 10:53	179601-23-1	
o-Xylene	ND	ug/kg	5.0	1		03/02/15 10:53	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	82-137	1		03/02/15 10:53	2037-26-5	
4-Bromofluorobenzene (S)	99	%	82-119	1		03/02/15 10:53	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-142	1		03/02/15 10:53	17060-07-0	

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

QC Batch: MERP/9344 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 60188796007, 60188796008, 60188796009, 60188796010

METHOD BLANK: 1527273 Matrix: Solid
Associated Lab Samples: 60188796007, 60188796008, 60188796009, 60188796010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.041	03/02/15 13:08	

LABORATORY CONTROL SAMPLE: 1527274

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.49	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1527275 1527276

Parameter	Units	60188796007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.077	.51	.51	0.51	0.48	84	79	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

QC Batch: MPRP/30917 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 60188796007, 60188796008, 60188796009, 60188796010

METHOD BLANK: 1527277 Matrix: Solid
Associated Lab Samples: 60188796007, 60188796008, 60188796009, 60188796010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.50	03/02/15 14:44	
Barium	mg/kg	ND	10.0	03/02/15 14:44	
Cadmium	mg/kg	ND	0.20	03/02/15 14:44	
Chromium	mg/kg	ND	0.50	03/02/15 14:44	
Lead	mg/kg	ND	1.0	03/02/15 14:44	
Selenium	mg/kg	ND	1.0	03/02/15 14:44	
Silver	mg/kg	ND	0.50	03/02/15 14:44	

LABORATORY CONTROL SAMPLE: 1527278

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	100	96.7	97	80-120	
Barium	mg/kg	100	104	104	80-120	
Cadmium	mg/kg	100	98.0	98	80-120	
Chromium	mg/kg	100	94.0	94	80-120	
Lead	mg/kg	100	100	100	80-120	
Selenium	mg/kg	100	94.6	95	80-120	
Silver	mg/kg	50	46.3	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1527279 1527280

Parameter	Units	60188796007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	3.5	58.1	58.1	39.7	41.6	62	66	75-125	5	20	M1
Barium	mg/kg	115	58.1	58.1	134	166	32	88	75-125	22	20	M1,R1
Cadmium	mg/kg	0.96	58.1	58.1	39.0	40.8	65	69	75-125	5	20	M1
Chromium	mg/kg	26.5	58.1	58.1	56.8	52.8	52	45	75-125	7	20	M1
Lead	mg/kg	79.3	58.1	58.1	89.3	72.9	17	-11	75-125	20	20	M1
Selenium	mg/kg	ND	58.1	58.1	36.1	38.0	62	65	75-125	5	20	M1
Silver	mg/kg	ND	29.1	29.1	18.9	19.5	65	67	75-125	3	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

QC Batch: MSV/67920 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 60188796001, 60188796002, 60188796003, 60188796004, 60188796005, 60188796006, 60188796007, 60188796008, 60188796010, 60188796011

METHOD BLANK: 1527261 Matrix: Solid
Associated Lab Samples: 60188796001, 60188796002, 60188796003, 60188796004, 60188796005, 60188796006, 60188796007, 60188796008, 60188796010, 60188796011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	03/02/15 10:38	
1,1,1-Trichloroethane	ug/kg	ND	5.0	03/02/15 10:38	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	03/02/15 10:38	
1,1,2-Trichloroethane	ug/kg	ND	5.0	03/02/15 10:38	
1,1-Dichloroethane	ug/kg	ND	5.0	03/02/15 10:38	
1,1-Dichloroethene	ug/kg	ND	5.0	03/02/15 10:38	
1,1-Dichloropropene	ug/kg	ND	5.0	03/02/15 10:38	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	03/02/15 10:38	
1,2,3-Trichloropropane	ug/kg	ND	5.0	03/02/15 10:38	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	03/02/15 10:38	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	03/02/15 10:38	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	03/02/15 10:38	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	03/02/15 10:38	
1,2-Dichlorobenzene	ug/kg	ND	5.0	03/02/15 10:38	
1,2-Dichloroethane	ug/kg	ND	5.0	03/02/15 10:38	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	03/02/15 10:38	
1,2-Dichloropropane	ug/kg	ND	5.0	03/02/15 10:38	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	03/02/15 10:38	
1,3-Dichlorobenzene	ug/kg	ND	5.0	03/02/15 10:38	
1,3-Dichloropropane	ug/kg	ND	5.0	03/02/15 10:38	
1,4-Dichlorobenzene	ug/kg	ND	5.0	03/02/15 10:38	
2,2-Dichloropropane	ug/kg	ND	5.0	03/02/15 10:38	
2-Butanone (MEK)	ug/kg	ND	10.0	03/02/15 10:38	
2-Chloroethylvinyl ether	ug/kg	ND	5.0	03/02/15 10:38	
2-Chlorotoluene	ug/kg	ND	5.0	03/02/15 10:38	
2-Hexanone	ug/kg	ND	20.0	03/02/15 10:38	
4-Chlorotoluene	ug/kg	ND	5.0	03/02/15 10:38	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	03/02/15 10:38	
Acetone	ug/kg	ND	20.0	03/02/15 10:38	
Acrolein	ug/kg	ND	100	03/02/15 10:38	
Acrylonitrile	ug/kg	ND	100	03/02/15 10:38	
Benzene	ug/kg	ND	5.0	03/02/15 10:38	
Bromobenzene	ug/kg	ND	5.0	03/02/15 10:38	
Bromochloromethane	ug/kg	ND	5.0	03/02/15 10:38	
Bromodichloromethane	ug/kg	ND	5.0	03/02/15 10:38	
Bromoform	ug/kg	ND	5.0	03/02/15 10:38	
Bromomethane	ug/kg	ND	5.0	03/02/15 10:38	
Carbon disulfide	ug/kg	ND	5.0	03/02/15 10:38	
Carbon tetrachloride	ug/kg	ND	5.0	03/02/15 10:38	
Chlorobenzene	ug/kg	ND	5.0	03/02/15 10:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

METHOD BLANK: 1527261 Matrix: Solid

Associated Lab Samples: 60188796001, 60188796002, 60188796003, 60188796004, 60188796005, 60188796006, 60188796007, 60188796008, 60188796010, 60188796011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/kg	ND	5.0	03/02/15 10:38	
Chloroform	ug/kg	ND	5.0	03/02/15 10:38	
Chloromethane	ug/kg	ND	5.0	03/02/15 10:38	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	03/02/15 10:38	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	03/02/15 10:38	
Dibromochloromethane	ug/kg	ND	5.0	03/02/15 10:38	
Dibromomethane	ug/kg	ND	5.0	03/02/15 10:38	
Dichlorodifluoromethane	ug/kg	ND	5.0	03/02/15 10:38	
Ethylbenzene	ug/kg	ND	5.0	03/02/15 10:38	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	03/02/15 10:38	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	03/02/15 10:38	
m&p-Xylene	ug/kg	ND	5.0	03/02/15 10:38	
Methyl-tert-butyl ether	ug/kg	ND	5.0	03/02/15 10:38	
Methylene chloride	ug/kg	ND	5.0	03/02/15 10:38	
n-Butylbenzene	ug/kg	ND	5.0	03/02/15 10:38	
n-Propylbenzene	ug/kg	ND	5.0	03/02/15 10:38	
Naphthalene	ug/kg	ND	10.0	03/02/15 10:38	
o-Xylene	ug/kg	ND	5.0	03/02/15 10:38	
p-Isopropyltoluene	ug/kg	ND	5.0	03/02/15 10:38	
sec-Butylbenzene	ug/kg	ND	5.0	03/02/15 10:38	
Styrene	ug/kg	ND	5.0	03/02/15 10:38	
tert-Butylbenzene	ug/kg	ND	5.0	03/02/15 10:38	
Tetrachloroethene	ug/kg	ND	5.0	03/02/15 10:38	
Toluene	ug/kg	ND	5.0	03/02/15 10:38	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	03/02/15 10:38	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	03/02/15 10:38	
Trichloroethene	ug/kg	ND	5.0	03/02/15 10:38	
Trichlorofluoromethane	ug/kg	ND	5.0	03/02/15 10:38	
Vinyl acetate	ug/kg	ND	100	03/02/15 10:38	
Vinyl chloride	ug/kg	ND	5.0	03/02/15 10:38	
Xylene (Total)	ug/kg	ND	5.0	03/02/15 10:38	
1,2-Dichloroethane-d4 (S)	%	97	81-142	03/02/15 10:38	
4-Bromofluorobenzene (S)	%	101	82-119	03/02/15 10:38	
Toluene-d8 (S)	%	99	82-137	03/02/15 10:38	

LABORATORY CONTROL SAMPLE: 1527262

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	111	111	79-120	
1,1,1-Trichloroethane	ug/kg	100	120	120	70-133	
1,1,2,2-Tetrachloroethane	ug/kg	100	96.7	97	70-117	
1,1,2-Trichloroethane	ug/kg	100	98.5	98	75-115	
1,1-Dichloroethane	ug/kg	100	106	106	73-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

LABORATORY CONTROL SAMPLE: 1527262

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	100	111	111	61-136	
1,1-Dichloropropene	ug/kg	100	114	114	69-125	
1,2,3-Trichlorobenzene	ug/kg	100	106	106	77-122	
1,2,3-Trichloropropane	ug/kg	100	98.2	98	72-115	
1,2,4-Trichlorobenzene	ug/kg	100	111	111	72-126	
1,2,4-Trimethylbenzene	ug/kg	100	107	107	68-116	
1,2-Dibromo-3-chloropropane	ug/kg	100	102	102	66-127	
1,2-Dibromoethane (EDB)	ug/kg	100	104	104	76-122	
1,2-Dichlorobenzene	ug/kg	100	104	104	79-118	
1,2-Dichloroethane	ug/kg	100	105	105	75-119	
1,2-Dichloroethene (Total)	ug/kg	200	214	107	73-124	
1,2-Dichloropropane	ug/kg	100	108	108	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	109	109	68-119	
1,3-Dichlorobenzene	ug/kg	100	106	106	76-121	
1,3-Dichloropropane	ug/kg	100	102	102	77-117	
1,4-Dichlorobenzene	ug/kg	100	103	103	74-116	
2,2-Dichloropropane	ug/kg	100	112	112	65-124	
2-Butanone (MEK)	ug/kg	500	505	101	67-116	
2-Chloroethylvinyl ether	ug/kg	100	103	103	41-146	
2-Chlorotoluene	ug/kg	100	109	109	74-119	
2-Hexanone	ug/kg	500	492	98	73-116	
4-Chlorotoluene	ug/kg	100	106	106	74-121	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	498	100	77-120	
Acetone	ug/kg	500	516	103	62-126	
Acrolein	ug/kg	1000	993	99	9-148	
Acrylonitrile	ug/kg	1000	989	99	68-125	
Benzene	ug/kg	100	108	108	76-120	
Bromobenzene	ug/kg	100	107	107	79-124	
Bromochloromethane	ug/kg	100	106	106	73-125	
Bromodichloromethane	ug/kg	100	110	110	76-127	
Bromoform	ug/kg	100	118	118	76-127	
Bromomethane	ug/kg	100	108	108	44-152	
Carbon disulfide	ug/kg	100	112	112	70-140	
Carbon tetrachloride	ug/kg	100	126	126	69-137	
Chlorobenzene	ug/kg	100	106	106	76-118	
Chloroethane	ug/kg	100	107	107	63-133	
Chloroform	ug/kg	100	112	112	72-122	
Chloromethane	ug/kg	100	96.2	96	14-197	
cis-1,2-Dichloroethene	ug/kg	100	106	106	75-123	
cis-1,3-Dichloropropene	ug/kg	100	108	108	78-122	
Dibromochloromethane	ug/kg	100	112	112	81-120	
Dibromomethane	ug/kg	100	102	102	81-124	
Dichlorodifluoromethane	ug/kg	100	107	107	5-208	
Ethylbenzene	ug/kg	100	108	108	70-129	
Hexachloro-1,3-butadiene	ug/kg	100	122	122	64-134	
Isopropylbenzene (Cumene)	ug/kg	100	111	111	73-133	
m&p-Xylene	ug/kg	200	221	110	70-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

LABORATORY CONTROL SAMPLE: 1527262

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/kg	100	102	102	72-116	
Methylene chloride	ug/kg	100	101	101	63-132	
n-Butylbenzene	ug/kg	100	113	113	70-132	
n-Propylbenzene	ug/kg	100	110	110	69-119	
Naphthalene	ug/kg	100	103	103	77-123	
o-Xylene	ug/kg	100	108	108	72-128	
p-Isopropyltoluene	ug/kg	100	112	112	67-122	
sec-Butylbenzene	ug/kg	100	113	113	68-123	
Styrene	ug/kg	100	106	106	80-122	
tert-Butylbenzene	ug/kg	100	111	111	69-122	
Tetrachloroethene	ug/kg	100	114	114	73-126	
Toluene	ug/kg	100	102	102	73-125	
trans-1,2-Dichloroethene	ug/kg	100	108	108	69-126	
trans-1,3-Dichloropropene	ug/kg	100	108	108	72-128	
Trichloroethene	ug/kg	100	111	111	74-123	
Trichlorofluoromethane	ug/kg	100	115	115	72-139	
Vinyl acetate	ug/kg	100	95J	95	28-162	
Vinyl chloride	ug/kg	100	112	112	51-146	
Xylene (Total)	ug/kg	300	328	109	71-128	
1,2-Dichloroethane-d4 (S)	%			99	81-142	
4-Bromofluorobenzene (S)	%			102	82-119	
Toluene-d8 (S)	%			98	82-137	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

QC Batch: MSV/67929
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 60188796009

METHOD BLANK: 1527356
Matrix: Solid
Associated Lab Samples: 60188796009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	03/02/15 16:29	
1,1,1-Trichloroethane	ug/kg	ND	5.0	03/02/15 16:29	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	03/02/15 16:29	
1,1,2-Trichloroethane	ug/kg	ND	5.0	03/02/15 16:29	
1,1-Dichloroethane	ug/kg	ND	5.0	03/02/15 16:29	
1,1-Dichloroethene	ug/kg	ND	5.0	03/02/15 16:29	
1,1-Dichloropropene	ug/kg	ND	5.0	03/02/15 16:29	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	03/02/15 16:29	
1,2,3-Trichloropropane	ug/kg	ND	5.0	03/02/15 16:29	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	03/02/15 16:29	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	03/02/15 16:29	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	03/02/15 16:29	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	03/02/15 16:29	
1,2-Dichlorobenzene	ug/kg	ND	5.0	03/02/15 16:29	
1,2-Dichloroethane	ug/kg	ND	5.0	03/02/15 16:29	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	03/02/15 16:29	
1,2-Dichloropropane	ug/kg	ND	5.0	03/02/15 16:29	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	03/02/15 16:29	
1,3-Dichlorobenzene	ug/kg	ND	5.0	03/02/15 16:29	
1,3-Dichloropropane	ug/kg	ND	5.0	03/02/15 16:29	
1,4-Dichlorobenzene	ug/kg	ND	5.0	03/02/15 16:29	
2,2-Dichloropropane	ug/kg	ND	5.0	03/02/15 16:29	
2-Butanone (MEK)	ug/kg	ND	10.0	03/02/15 16:29	
2-Chloroethylvinyl ether	ug/kg	ND	5.0	03/02/15 16:29	
2-Chlorotoluene	ug/kg	ND	5.0	03/02/15 16:29	
2-Hexanone	ug/kg	ND	20.0	03/02/15 16:29	
4-Chlorotoluene	ug/kg	ND	5.0	03/02/15 16:29	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	03/02/15 16:29	
Acetone	ug/kg	ND	20.0	03/02/15 16:29	
Acrolein	ug/kg	ND	100	03/02/15 16:29	
Acrylonitrile	ug/kg	ND	100	03/02/15 16:29	
Benzene	ug/kg	ND	5.0	03/02/15 16:29	
Bromobenzene	ug/kg	ND	5.0	03/02/15 16:29	
Bromochloromethane	ug/kg	ND	5.0	03/02/15 16:29	
Bromodichloromethane	ug/kg	ND	5.0	03/02/15 16:29	
Bromoform	ug/kg	ND	5.0	03/02/15 16:29	
Bromomethane	ug/kg	ND	5.0	03/02/15 16:29	
Carbon disulfide	ug/kg	ND	5.0	03/02/15 16:29	
Carbon tetrachloride	ug/kg	ND	5.0	03/02/15 16:29	
Chlorobenzene	ug/kg	ND	5.0	03/02/15 16:29	
Chloroethane	ug/kg	ND	5.0	03/02/15 16:29	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

METHOD BLANK: 1527356 Matrix: Solid
Associated Lab Samples: 60188796009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/kg	ND	5.0	03/02/15 16:29	
Chloromethane	ug/kg	ND	5.0	03/02/15 16:29	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	03/02/15 16:29	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	03/02/15 16:29	
Dibromochloromethane	ug/kg	ND	5.0	03/02/15 16:29	
Dibromomethane	ug/kg	ND	5.0	03/02/15 16:29	
Dichlorodifluoromethane	ug/kg	ND	5.0	03/02/15 16:29	
Ethylbenzene	ug/kg	ND	5.0	03/02/15 16:29	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	03/02/15 16:29	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	03/02/15 16:29	
m&p-Xylene	ug/kg	ND	5.0	03/02/15 16:29	
Methyl-tert-butyl ether	ug/kg	ND	5.0	03/02/15 16:29	
Methylene chloride	ug/kg	ND	5.0	03/02/15 16:29	
n-Butylbenzene	ug/kg	ND	5.0	03/02/15 16:29	
n-Propylbenzene	ug/kg	ND	5.0	03/02/15 16:29	
Naphthalene	ug/kg	ND	10.0	03/02/15 16:29	
o-Xylene	ug/kg	ND	5.0	03/02/15 16:29	
p-Isopropyltoluene	ug/kg	ND	5.0	03/02/15 16:29	
sec-Butylbenzene	ug/kg	ND	5.0	03/02/15 16:29	
Styrene	ug/kg	ND	5.0	03/02/15 16:29	
tert-Butylbenzene	ug/kg	ND	5.0	03/02/15 16:29	
Tetrachloroethene	ug/kg	ND	5.0	03/02/15 16:29	
Toluene	ug/kg	ND	5.0	03/02/15 16:29	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	03/02/15 16:29	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	03/02/15 16:29	
Trichloroethene	ug/kg	ND	5.0	03/02/15 16:29	
Trichlorofluoromethane	ug/kg	ND	5.0	03/02/15 16:29	
Vinyl acetate	ug/kg	ND	100	03/02/15 16:29	
Vinyl chloride	ug/kg	ND	5.0	03/02/15 16:29	
Xylene (Total)	ug/kg	ND	5.0	03/02/15 16:29	
1,2-Dichloroethane-d4 (S)	%	98	81-142	03/02/15 16:29	
4-Bromofluorobenzene (S)	%	100	82-119	03/02/15 16:29	
Toluene-d8 (S)	%	97	82-137	03/02/15 16:29	

LABORATORY CONTROL SAMPLE: 1527357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	114	114	79-120	
1,1,1-Trichloroethane	ug/kg	100	125	125	70-133	
1,1,2,2-Tetrachloroethane	ug/kg	100	107	107	70-117	
1,1,2-Trichloroethane	ug/kg	100	103	103	75-115	
1,1-Dichloroethane	ug/kg	100	112	112	73-120	
1,1-Dichloroethene	ug/kg	100	114	114	61-136	
1,1-Dichloropropene	ug/kg	100	128	128	69-125	L0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

LABORATORY CONTROL SAMPLE: 1527357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	100	112	112	77-122	
1,2,3-Trichloropropane	ug/kg	100	105	105	72-115	
1,2,4-Trichlorobenzene	ug/kg	100	115	115	72-126	
1,2,4-Trimethylbenzene	ug/kg	100	111	111	68-116	
1,2-Dibromo-3-chloropropane	ug/kg	100	108	108	66-127	
1,2-Dibromoethane (EDB)	ug/kg	100	109	109	76-122	
1,2-Dichlorobenzene	ug/kg	100	110	110	79-118	
1,2-Dichloroethane	ug/kg	100	113	113	75-119	
1,2-Dichloroethene (Total)	ug/kg	200	226	113	73-124	
1,2-Dichloropropane	ug/kg	100	113	113	77-122	
1,3,5-Trimethylbenzene	ug/kg	100	112	112	68-119	
1,3-Dichlorobenzene	ug/kg	100	110	110	76-121	
1,3-Dichloropropane	ug/kg	100	106	106	77-117	
1,4-Dichlorobenzene	ug/kg	100	108	108	74-116	
2,2-Dichloropropane	ug/kg	100	114	114	65-124	
2-Butanone (MEK)	ug/kg	500	553	111	67-116	
2-Chloroethylvinyl ether	ug/kg	100	96.0	96	41-146	
2-Chlorotoluene	ug/kg	100	114	114	74-119	
2-Hexanone	ug/kg	500	530	106	73-116	
4-Chlorotoluene	ug/kg	100	109	109	74-121	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	542	108	77-120	
Acetone	ug/kg	500	587	117	62-126	
Acrolein	ug/kg	1000	1070	107	9-148	
Acrylonitrile	ug/kg	1000	1080	108	68-125	
Benzene	ug/kg	100	114	114	76-120	
Bromobenzene	ug/kg	100	112	112	79-124	
Bromochloromethane	ug/kg	100	109	109	73-125	
Bromodichloromethane	ug/kg	100	116	116	76-127	
Bromoform	ug/kg	100	125	125	76-127	
Bromomethane	ug/kg	100	25.3	25	44-152	L0
Carbon disulfide	ug/kg	100	126	126	70-140	
Carbon tetrachloride	ug/kg	100	150	150	69-137	L0
Chlorobenzene	ug/kg	100	110	110	76-118	
Chloroethane	ug/kg	100	109	109	63-133	
Chloroform	ug/kg	100	120	120	72-122	
Chloromethane	ug/kg	100	64.2	64	14-197	
cis-1,2-Dichloroethene	ug/kg	100	110	110	75-123	
cis-1,3-Dichloropropene	ug/kg	100	110	110	78-122	
Dibromochloromethane	ug/kg	100	119	119	81-120	
Dibromomethane	ug/kg	100	112	112	81-124	
Dichlorodifluoromethane	ug/kg	100	112	112	5-208	
Ethylbenzene	ug/kg	100	112	112	70-129	
Hexachloro-1,3-butadiene	ug/kg	100	124	124	64-134	
Isopropylbenzene (Cumene)	ug/kg	100	115	115	73-133	
m&p-Xylene	ug/kg	200	227	113	70-128	
Methyl-tert-butyl ether	ug/kg	100	108	108	72-116	
Methylene chloride	ug/kg	100	108	108	63-132	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

LABORATORY CONTROL SAMPLE: 1527357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butylbenzene	ug/kg	100	116	116	70-132	
n-Propylbenzene	ug/kg	100	115	115	69-119	
Naphthalene	ug/kg	100	110	110	77-123	
o-Xylene	ug/kg	100	110	110	72-128	
p-Isopropyltoluene	ug/kg	100	114	114	67-122	
sec-Butylbenzene	ug/kg	100	116	116	68-123	
Styrene	ug/kg	100	111	111	80-122	
tert-Butylbenzene	ug/kg	100	114	114	69-122	
Tetrachloroethene	ug/kg	100	117	117	73-126	
Toluene	ug/kg	100	106	106	73-125	
trans-1,2-Dichloroethene	ug/kg	100	116	116	69-126	
trans-1,3-Dichloropropene	ug/kg	100	110	110	72-128	
Trichloroethene	ug/kg	100	113	113	74-123	
Trichlorofluoromethane	ug/kg	100	133	133	72-139	
Vinyl acetate	ug/kg	100	99.6J	100	28-162	
Vinyl chloride	ug/kg	100	95.2	95	51-146	
Xylene (Total)	ug/kg	300	337	112	71-128	
1,2-Dichloroethane-d4 (S)	%			99	81-142	
4-Bromofluorobenzene (S)	%			99	82-119	
Toluene-d8 (S)	%			101	82-137	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1527358 1527359

Parameter	Units	60188783001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	116	116	108	116	94	100	10-137	7	33	
1,1,1-Trichloroethane	ug/kg	ND	116	116	114	119	98	103	37-136	5	32	
1,1,2,2-Tetrachloroethane	ug/kg	ND	116	116	104	110	90	95	10-148	5	40	
1,1,2-Trichloroethane	ug/kg	ND	116	116	100	106	87	91	5-137	6	33	
1,1-Dichloroethane	ug/kg	ND	116	116	108	113	93	98	31-127	5	32	
1,1-Dichloroethene	ug/kg	ND	116	116	112	116	97	100	46-119	4	28	
1,1-Dichloropropene	ug/kg	ND	116	116	109	114	95	98	38-122	4	28	
1,2,3-Trichlorobenzene	ug/kg	ND	116	116	81.3	84.7	70	73	10-141	4	40	
1,2,3-Trichloropropane	ug/kg	ND	116	116	104	110	90	95	10-146	5	35	
1,2,4-Trichlorobenzene	ug/kg	ND	116	116	82.4	86.8	71	75	10-142	5	44	
1,2,4-Trimethylbenzene	ug/kg	ND	116	116	100	105	87	91	3-123	4	55	
1,2-Dibromo-3-chloropropane	ug/kg	ND	116	116	98.1	109	85	94	10-166	11	43	
1,2-Dibromoethane (EDB)	ug/kg	ND	116	116	104	110	90	95	10-150	6	35	
1,2-Dichlorobenzene	ug/kg	ND	116	116	93.7	101	81	87	10-146	7	36	
1,2-Dichloroethane	ug/kg	ND	116	116	104	111	90	96	8-146	7	32	
1,2-Dichloroethene (Total)	ug/kg	ND	230	232	212	221	92	95	31-128	4	34	
1,2-Dichloropropane	ug/kg	ND	116	116	106	110	92	95	19-135	4	32	
1,3,5-Trimethylbenzene	ug/kg	ND	116	116	101	106	88	92	8-123	5	37	
1,3-Dichlorobenzene	ug/kg	ND	116	116	94.0	98.4	81	85	10-142	5	34	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1527358 1527359

Parameter	Units	60188783001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichloropropane	ug/kg	ND	116	116	102	107	89	92	7-136	5	35	
1,4-Dichlorobenzene	ug/kg	ND	116	116	91.2	96.0	79	83	10-139	5	34	
2,2-Dichloropropane	ug/kg	ND	116	116	103	106	89	91	38-117	3	30	
2-Butanone (MEK)	ug/kg	ND	577	579	518	544	90	94	10-141	5	47	
2-Chloroethylvinyl ether	ug/kg	ND	116	116	90.3	95.3	78	82	10-154	5	57	
2-Chlorotoluene	ug/kg	ND	116	116	102	107	89	93	10-141	5	32	
2-Hexanone	ug/kg	ND	577	579	519	557	90	96	10-153	7	48	
4-Chlorotoluene	ug/kg	ND	116	116	96.3	101	84	88	10-133	5	33	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	577	579	523	558	91	96	10-150	7	41	
Acetone	ug/kg	ND	577	579	533	562	92	97	10-156	5	48	
Acrolein	ug/kg	ND	1160	1160	749	768	65	66		3	48	
Acrylonitrile	ug/kg	ND	1160	1160	1000	1070	87	92	10-150	6	62	
Benzene	ug/kg	ND	116	116	107	112	93	96	23-143	4	30	
Bromobenzene	ug/kg	ND	116	116	101	105	87	91	10-148	4	33	
Bromochloromethane	ug/kg	ND	116	116	107	111	93	96	15-141	4	36	
Bromodichloromethane	ug/kg	ND	116	116	106	111	92	96	15-140	5	33	
Bromoform	ug/kg	ND	116	116	114	123	98	106	10-151	8	38	
Bromomethane	ug/kg	ND	116	116	41.7	52.9	36	46	10-143	24	51	
Carbon disulfide	ug/kg	ND	116	116	109	114	94	98	45-124	4	34	
Carbon tetrachloride	ug/kg	ND	116	116	123	129	106	111	36-139	5	29	
Chlorobenzene	ug/kg	ND	116	116	102	106	88	91	7-136	3	33	
Chloroethane	ug/kg	ND	116	116	109	115	94	99	10-142	6	33	
Chloroform	ug/kg	ND	116	116	104	119	90	103	26-135	14	33	
Chloromethane	ug/kg	ND	116	116	64.7	71.2	56	62	10-157	10	74	
cis-1,2-Dichloroethene	ug/kg	ND	116	116	106	110	92	95	27-132	3	37	
cis-1,3-Dichloropropene	ug/kg	ND	116	116	100	105	87	91	10-138	5	33	
Dibromochloromethane	ug/kg	ND	116	116	111	118	96	102	5-142	6	35	
Dibromomethane	ug/kg	ND	116	116	102	105	88	91	9-145	3	36	
Dichlorodifluoromethane	ug/kg	ND	116	116	106	109	92	94	10-199	3	36	
Ethylbenzene	ug/kg	ND	116	116	103	108	90	93	3-161	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	116	116	86.0	91.0	75	79	10-130	6	46	
Isopropylbenzene (Cumene)	ug/kg	ND	116	116	105	110	91	95	14-138	4	33	
m&p-Xylene	ug/kg	ND	230	232	207	215	90	93	10-164	4	33	
Methyl-tert-butyl ether	ug/kg	ND	116	116	103	109	89	94	8-142	6	37	
Methylene chloride	ug/kg	ND	116	116	105	107	91	92	16-137	1	36	
n-Butylbenzene	ug/kg	ND	116	116	94.3	99.2	82	86	10-137	5	42	
n-Propylbenzene	ug/kg	ND	116	116	101	109	88	94	6-133	7	36	
Naphthalene	ug/kg	ND	116	116	90.9	96.0	79	83	10-181	6	32	
o-Xylene	ug/kg	ND	116	116	102	106	89	92	10-169	4	33	
p-Isopropyltoluene	ug/kg	ND	116	116	98.3	104	85	90	4-127	5	38	
sec-Butylbenzene	ug/kg	ND	116	116	100	106	87	91	8-126	5	37	
Styrene	ug/kg	ND	116	116	98.8	103	86	89	10-146	4	39	
tert-Butylbenzene	ug/kg	ND	116	116	104	110	90	95	10-128	6	32	
Tetrachloroethene	ug/kg	9.1	116	116	136	145	110	117	23-131	6	35	
Toluene	ug/kg	ND	116	116	101	104	88	90	14-153	3	33	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1527358 1527359

Parameter	Units	60188783001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	ug/kg	ND	116	116	106	111	92	96	38-121	5	30	
trans-1,3-Dichloropropene	ug/kg	ND	116	116	102	106	88	91	5-137	4	35	
Trichloroethene	ug/kg	ND	116	116	108	114	94	99	26-134	6	36	
Trichlorofluoromethane	ug/kg	ND	116	116	112	118	97	102	45-136	5	33	
Vinyl acetate	ug/kg	ND	116	116	73.2J	77.4J	63	67	10-127			
Vinyl chloride	ug/kg	ND	116	116	101	109	88	94	27-137	8	31	
Xylene (Total)	ug/kg	ND	346	347	309	321	89	92	10-168	4	45	
1,2-Dichloroethane-d4 (S)	%						97	100	81-142			
4-Bromofluorobenzene (S)	%						99	100	82-119			
Toluene-d8 (S)	%						100	99	82-137			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

QC Batch: MSV/67954 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 60188796007, 60188796008, 60188796010

METHOD BLANK: 1527847 Matrix: Solid
Associated Lab Samples: 60188796007, 60188796008, 60188796010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	03/03/15 12:04	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	03/03/15 12:04	
o-Xylene	ug/kg	ND	5.0	03/03/15 12:04	
Xylene (Total)	ug/kg	ND	5.0	03/03/15 12:04	
1,2-Dichloroethane-d4 (S)	%	100	81-142	03/03/15 12:04	
4-Bromofluorobenzene (S)	%	100	82-119	03/03/15 12:04	
Toluene-d8 (S)	%	99	82-137	03/03/15 12:04	

LABORATORY CONTROL SAMPLE: 1527848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	100	111	111	68-116	
1,3,5-Trimethylbenzene	ug/kg	100	111	111	68-119	
o-Xylene	ug/kg	100	111	111	72-128	
Xylene (Total)	ug/kg	300	336	112	71-128	
1,2-Dichloroethane-d4 (S)	%			96	81-142	
4-Bromofluorobenzene (S)	%			101	82-119	
Toluene-d8 (S)	%			99	82-137	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

QC Batch: OEXT/5680 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 — Analysis Description: 8270 Soil 1,4 Dioxane
Associated Lab Samples: 60188796001, 60188796002, 60188796003, 60188796004, 60188796005, 60188796006, 60188796007, 60188796008, 60188796009, 60188796010

METHOD BLANK: 124147 — Matrix: Solid
Associated Lab Samples: 60188796001, 60188796002, 60188796003, 60188796004, 60188796005, 60188796006, 60188796007, 60188796008, 60188796009, 60188796010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/kg	ND	6.6	03/03/15 13:32	
1,4-Dioxane-d8(S)	%.	71	10-140	03/03/15 13:32	

LABORATORY CONTROL SAMPLE: 124148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/kg	324	186	57	10-140	
1,4-Dioxane-d8(S)	%.			58	10-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 124149 124150

Parameter	Units	60188796002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dioxane (p-Dioxane)	ug/kg	ND	354	353	194	173	55	49	10-140	11	40	
1,4-Dioxane-d8(S)	%.						52	50	10-140			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

QC Batch: PMST/10513 Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 60188796001, 60188796002, 60188796003, 60188796004, 60188796005, 60188796006, 60188796007, 60188796008, 60188796009, 60188796010

METHOD BLANK: 1527386 Matrix: Solid
Associated Lab Samples: 60188796001, 60188796002, 60188796003, 60188796004, 60188796005, 60188796006, 60188796007, 60188796008, 60188796009, 60188796010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	03/02/15 00:00	

SAMPLE DUPLICATE: 1527387

Parameter	Units	60188610001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.7	10.2	16	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-D	Pace Analytical Services - Dallas
PASI-K	Pace Analytical Services - Kansas City

BATCH QUALIFIERS

Batch: MSV/67920

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CLEAN HARBORS - WICHITA KS
Pace Project No.: 60188796

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60188796007	**PP-SP-1NE**	EPA 3050	MPRP/30917	EPA 6010	ICP/23048
60188796008	**PP-SP-2NW**	EPA 3050	MPRP/30917	EPA 6010	ICP/23048
60188796009	**PP-SP-3SE**	EPA 3050	MPRP/30917	EPA 6010	ICP/23048
60188796010	**PP-SP-4SW**	EPA 3050	MPRP/30917	EPA 6010	ICP/23048
60188796007	**PP-SP-1NE**	EPA 7471	MERP/9344	EPA 7471	MERC/9297
60188796008	**PP-SP-2NW**	EPA 7471	MERP/9344	EPA 7471	MERC/9297
60188796009	**PP-SP-3SE**	EPA 7471	MERP/9344	EPA 7471	MERC/9297
60188796010	**PP-SP-4SW**	EPA 7471	MERP/9344	EPA 7471	MERC/9297
60188796001	**PP1-SW8-2.5'**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796002	**PP1-SW9-7.5'**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796003	**PP1-SW10-12.5'**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796004	**PP1-SW11-2.5'**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796005	**PP1-SW12-7.5'**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796006	**PP1-SW13-12.5'**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796007	**PP-SP-1NE**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796008	**PP-SP-2NW**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796009	**PP-SP-3SE**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796010	**PP-SP-4SW**	EPA 3546	OEXT/5680	EPA 8270 by SIM	MSSV/1949
60188796001	**PP1-SW8-2.5'**	EPA 8260	MSV/67920		
60188796002	**PP1-SW9-7.5'**	EPA 8260	MSV/67920		
60188796003	**PP1-SW10-12.5'**	EPA 8260	MSV/67920		
60188796004	**PP1-SW11-2.5'**	EPA 8260	MSV/67920		
60188796005	**PP1-SW12-7.5'**	EPA 8260	MSV/67920		
60188796006	**PP1-SW13-12.5'**	EPA 8260	MSV/67920		
60188796007	**PP-SP-1NE**	EPA 8260	MSV/67920		
60188796007	**PP-SP-1NE**	EPA 8260	MSV/67954		
60188796008	**PP-SP-2NW**	EPA 8260	MSV/67920		
60188796008	**PP-SP-2NW**	EPA 8260	MSV/67954		
60188796009	**PP-SP-3SE**	EPA 8260	MSV/67929		
60188796010	**PP-SP-4SW**	EPA 8260	MSV/67920		
60188796010	**PP-SP-4SW**	EPA 8260	MSV/67954		
60188796011	**TRIP BLANK**	EPA 8260	MSV/67920		
60188796001	**PP1-SW8-2.5'**	ASTM D2974	PMST/10513		
60188796002	**PP1-SW9-7.5'**	ASTM D2974	PMST/10513		
60188796003	**PP1-SW10-12.5'**	ASTM D2974	PMST/10513		
60188796004	**PP1-SW11-2.5'**	ASTM D2974	PMST/10513		
60188796005	**PP1-SW12-7.5'**	ASTM D2974	PMST/10513		
60188796006	**PP1-SW13-12.5'**	ASTM D2974	PMST/10513		
60188796007	**PP-SP-1NE**	ASTM D2974	PMST/10513		
60188796008	**PP-SP-2NW**	ASTM D2974	PMST/10513		
60188796009	**PP-SP-3SE**	ASTM D2974	PMST/10513		
60188796010	**PP-SP-4SW**	ASTM D2974	PMST/10513		

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

Pace Analytical
www.pacelabs.com

Sample Condition Upon Receipt

WO#: 60188796

60188796

Optional
Proj Due Date:
Proj Name:

Client Name: isi

Courier: Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☒ Exp

Tracking #: _____ Pace Shipping Label Used? Yes ☐ No ☑

Custody Seal on Cooler/Box Present: Yes ☑ No ☐ Seals intact: Yes ☑ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☑ None ☐ Other ☑ 2PL C

Thermometer Used: T-239 / T-194 **Type of Ice:** Wet Blue None ☐ Samples received on ice, cooling process has begun.
(circle one)

Cooler Temperature: 1-3

Temperature should be above freezing to 6°C

Date and initials of person examining contents: PVL 2/28/15

Chain of Custody present:	☑Yes	☐No	☐N/A	1.
Chain of Custody filled out:	☑Yes	☐No	☐N/A	2.
Chain of Custody relinquished:	☑Yes	☐No	☐N/A	3.
Sampler name & signature on COC:	☑Yes	☐No	☐N/A	4.
Samples arrived within holding time:	☑Yes	☐No	☐N/A	5.
Short Hold Time analyses (<72hr):	☑Yes	☐No	☐N/A	6. Ki 7s
Rush Turn Around Time requested:	☑Yes	☐No	☐N/A	7. 24Hr
Sufficient volume:	☑Yes	☐No	☐N/A	8.
Correct containers used:	☑Yes	☐No	☐N/A	
Pace containers used:	☑Yes	☐No	☐N/A	9.
Containers intact:	☑Yes	☐No	☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes	☐No	☑N/A	12.
Sample labels match COC:	☑Yes	☐No	☐N/A	
Includes date/time/ID/analyses Matrix: WT				13.
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☐Yes	☑No		Initial when completed / Lot # of added preservative
Trip Blank present:	☑Yes	☐No	☐N/A	
Pace Trip Blank lot # (if purchased): 12083/4-3				15.
Headspace in VOA vials (>6mm):	☐Yes	☐No	☑N/A	16.
Project sampled in USDA Regulated Area:	☐Yes	☑No	☐N/A	17. List State: KS

Client Notification/ Resolution: Copy COC to Client? (Y) / N Field Data Required? Y / (N)

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: SAR Date: 3-2-15 3-2-15 SAR

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: | of |

Section A Required Client Information:

Company: iSi Environmental
Address: 215 S. Laura Wichita, KS 67211
Email To: bgerber@isienvironmental.com
Phone: 316-264-7050 Fax:
Requested Due Date/TAT: 24 Hrs

Section B Required Project Information:

Report To:
Copy To:
Purchase Order No.:
Project Name: Clean Harbors - Wichita, KS
Project Number:

Section C Invoice Information:

Attention:
Company Name: ~~Clean Harbors~~ iSi
Address:
Pace Quote Reference:
Pace Project Manager: Sherri Rosenstangle
Pace Profile #: 7745.1

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: KS

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	8260 VOC	8270 SVOC SIM - 1,4 Dioxane	RCRA 8 Metals									Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 60188796
1	PPI-SW8-2.5'	SL	G			2-26-15	1600		6	X					X	X			X	X		1DG9M	1DG9B		2VG9U					N	1BP8U 001
2	PPI-SW9-7.5'	SL	G			2-26-15	1605		6	X					X	X			X	X											002
3	PPI-SW10-12.5'	SL	G			2/26/15	1610		6	X					X	X			X	X											003
4	PPI-SW11-2.5'	SL	G			2/26/15	1620		6	X					X	X			X	X											004
5	PPI-SW12-7.5'	SL	G			2/26/15	1625		6	X					X	X			X	X											005
6	PPI-SW13-12.5'	SL	G			2/26/15	1630		6	X					X	X			X	X											006
7	PP-SP-1NE	SL	G			2/26/15	1645		7	X					X	X			X	X	X									1WGFU	007
8	PP-SP-2NW	SL	G			2/26/15	1650		7	X					X	X			X	X	X										008
9	PP-SP-3SE	SL	G			2/26/15	1655		7	X					X	X			X	X	X										009
10	PP-SP-4SW	SL	G			2/26/15	1700		7	X					X	X			X	X	X										010
11	Trip Blank								2	X									X											2VG9U	011
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PP-SP-1NE PID Reading = 1,216 ppb	Wes Johnson / iSi	2/27/15	1200	[illegible]	2/27/15	2310	1-3	Y	Y	Y
PP-SP-2NW PID Reading = 3,347 ppb										
PP-SP-3SE PID Reading = 555 ppb										
PP-SP-4SW PID Reading = 1,540 ppb										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wes Johnson / Stuart Klaus
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-27-15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

#2

Pace Analytical

Sample Condition Upon Receipt
Dallas

Client Name: Isi Environmental Project Work order: _____

Courier: FedEX ☑ UPS ☐ USPS ☐ Client ☐ Courier ☐ LSO ☐ PACE ☐ Other: _____

Tracking#: 8071 0975 2470

Custody Seal on Cooler/Box: Yes ☑ No ☐ **Seals Intact:** Yes ☑ No ☐ NA ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other ☐

Thermometer Used: IR-01 Type of Ice: Wet ☑ Blue ☐ None ☐ Sample Received on ice, cooling process has begun ☑

Cooler Temp: 5.4 (Temp should be above freezing to 6°C)

Chain of Custody Present	Yes ☐ No ☐ NA ☐	1
Chain of Custody filled out	Yes ☐ No ☐ NA ☐	2
Chain of Custody relinquished	Yes ☐ No ☐ NA ☐	3
Sampler name & signature on COC	Yes ☐ No ☐ NA ☐	4
Sample received within HT	Yes ☐ No ☐ NA ☐	5
Short HT analyses (<72 hrs)	Yes ☐ No ☐ NA ☐	6
Rush TAT requested	Yes ☐ No ☐ NA ☐	7
Sufficient Volume received	Yes ☐ No ☐ NA ☐	8
Correct Container used Pace Container used	Yes ☐ No ☐ NA ☐ Yes ☐ No ☐ NA ☐	9
Container Intact	Yes ☐ No ☐ NA ☐	10
Unpreserved 5035A soil frozen within 48 hrs	Yes ☐ No ☐ NA ☐	11
Filtered volume received for Dissolved tests	Yes ☐ No ☐ NA ☐	12
Sample labels match COC Include date/time/ID/analyses Matrix: _____	Yes ☐ No ☐ NA ☐	13
All containers needing preservation have been checked	Yes ☐ No ☐ NA ☐	14a. Lot# of pH strip: _____ pH checked Yes ☐ No ☐ pH<2 ☐ pH>9 ☐ pH>12 ☐ Lot# of Iodine strip: _____ Lot# of Lead Acetate strip: _____
Do containers require preservation at the lab	Yes ☐ No ☐ NA ☐	14b. Preservation: Lot#:
All containers needing preservation are found to be in Compliance with EPA recommendation **Exception:** VOA, coliform, O&G	Yes ☐ No ☐ NA ☐ Yes ☐ No ☐	14c.
Are soil samples (volatiles) received in	Bulk ☐ Terracore ☐ EnCore ☐ NA☐	15.
Trip Blank present Trip Blank Custody Seals Intact Pace Trip Blank Lot# (if purchased): _____	Yes ☐ No ☐ NA ☐ Yes ☐ No ☐ NA ☐	16.
Headspace in VOA (>6mm)	Yes ☐ No ☐ NA ☐	17.
Project sampled in USDA Regulated Area:	Yes ☐ No ☐ NA ☐	18. List State _____

Client Notification/Resolution/Comments:

Person Contacted: _____ Date: _____

Comments/Resolution: _____

Person Examining Contents: _____ Date: 3.2.15

F-DAL-C001rev.03 100714

Pace Analytical Services - Dallas

Sample Container Count-

COC PAGE ____ of ____

COC ID# _____

Pace Project # _____

Sample Line Item	AG1S	AG1U	AG3S	BG1H	BG1S	BP1U	BP2N	BP2S	BP2U	BP20	SP5T	VG9H	VG9M	VG9T	VG9U	VG9W	WGFU	WGKU			
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag
WGKU	8oz wide jar upreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: | of

Section A Required Client Information:

Company: ISI Environmental
Address: 215 S. Laura, Wichita, KS 67211
Email To: bgerber@isienvironmental.com
Phone: 316-264-7050 Fax:
Requested Due Date/TAT: 24 Hr.

Section B Required Project Information:

Report To:
Copy To:
Purchase Order No.:
Project Name: Clean Harbors - Wichita, KS
Project Number:

Section C Invoice Information:

Attention:
Company Name: ~~Clean Harbors~~ ISI
Address:
Pace Quote Reference:
Pace Project Manager: Sherri Rosenstangle
Pace Profile #: 7745.1

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER ____

Site Location STATE: KS

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 VOC	8270 SVOC SIM - 1,4 Dioxane	RCRA 8 Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	PP1-SW8-2.5'	SL	G			2-26-15	1600		6	X					X	X			X	X		N	
2	PP1-SW9-7.5'	SL	G			2-26-15	1605		6	X					X	X			X	X			
3	PP1-SW10-12.5'	SL	G			2/26/15	1610		6	X					X	X			X	X			
4	PP1-SW11-2.5'	SL	G			2/26/15	1620		6	X					X	X			X	X			
5	PP1-SW12-7.5'	SL	G			2/26/15	1625		6	X					X	X			X	X			
6	PP1-SW13-12.5'	SL	G			2/26/15	1630		6	X					X	X			X	X			
7	PP-SP-1NE	SL	G			2/26/15	1645		7	X					X	X			X	X	X		
8	PP-SP-2NW	SL	G			2/26/15	1650		7	X					X	X			X	X	X		
9	PP-SP-3SE	SL	G			2/26/15	1655		7	X					X	X			X	X	X		
10	PP-SP-4SW	SL	G			2/26/15	1700		7	X					X	X			X	X	X		
11	Trip Blank								2	X									X				
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	IR-01	SAMPLE CONDITIONS		
PP-SP-1NE PID Reading = 1,216 ppb	Wesley Johnson / ISI	2/27/15	1200	[signature]	02/28/15	13:30	5.4	Y	Y	Y
PP-SP-2NW PID Reading = 3,347 ppb										
PP-SP-3SE PID Reading = 555 ppb										
PP-SP-4SW PID Reading = 1,540 ppb										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wes Johnson / Stuart Klaus

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-27-15

Temp In °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007