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

October 14, 2014

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

RE: Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Dear Brady Gerber:
Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2014. 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

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CERTIFICATIONS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

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 75013 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

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SAMPLE SUMMARY

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60180084001	**BLD C BAY 4**	Water	10/10/14 10:30	10/11/14 09:10
60180084002	**BLD C BAY 3**	Water	10/10/14 10:45	10/11/14 09:10
60180084003	**BLD C BAY 2**	Water	10/10/14 13:15	10/11/14 09:10
60180084004	**BLD C BAY 1**	Water	10/10/14 13:45	10/11/14 09:10
60180084005	**BLD C BAY 1-4**	Water	10/10/14 14:00	10/11/14 09:10
60180084006	**TRIP BLANK**	Water	10/10/14 10:30	10/11/14 09:10

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SAMPLE ANALYTE COUNT

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60180084001	**BLD C BAY 4**	EPA 8081	TA	24	PASI-D
		EPA 8082	JDH	8	PASI-K
		EPA 8151	PMS	11	PASI-D
		EPA 6010	JGP	26	PASI-K
		EPA 7470	ZBM	1	PASI-K
		EPA 8270	JMT	78	PASI-K
		EPA 5030B/8260	PRG	76	PASI-K
60180084002	**BLD C BAY 3**	EPA 8081	TA	24	PASI-D
		EPA 8082	JDH	8	PASI-K
		EPA 8151	PMS	11	PASI-D
		EPA 6010	JGP	26	PASI-K
		EPA 7470	ZBM	1	PASI-K
		EPA 8270	JMT	78	PASI-K
		EPA 5030B/8260	PRG	76	PASI-K
60180084003	**BLD C BAY 2**	EPA 8081	TA	24	PASI-D
		EPA 8082	JDH	8	PASI-K
		EPA 8151	PMS	11	PASI-D
		EPA 6010	JGP	26	PASI-K
		EPA 7470	ZBM	1	PASI-K
		EPA 8270	JMT	78	PASI-K
		EPA 5030B/8260	PRG	76	PASI-K
60180084004	**BLD C BAY 1**	EPA 8081	TA	24	PASI-D
		EPA 8082	JDH	8	PASI-K
		EPA 8151	PMS	11	PASI-D
		EPA 6010	JGP	26	PASI-K
		EPA 7470	ZBM	1	PASI-K
		EPA 8270	JMT	78	PASI-K
		EPA 5030B/8260	PRG	76	PASI-K
60180084006	**TRIP BLANK**	EPA 5030B/8260	PRG	76	PASI-K

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 4 **Lab ID: 60180084001** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	309-00-2	
alpha-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	319-84-6	
beta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	319-85-7	
delta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	58-89-9	
Chlordane (Technical)	ND	ug/L	0.10	1	10/13/14 12:10	10/13/14 19:11	57-74-9	
alpha-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	5103-71-9	
gamma-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	5103-74-2	
4,4'-DDD	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	72-54-8	
4,4'-DDE	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	72-55-9	
4,4'-DDT	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	50-29-3	
Dieldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	60-57-1	
Endosulfan I	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	959-98-8	
Endosulfan II	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	1031-07-8	
Endrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	7421-93-4	
Endrin ketone	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	53494-70-5	
Heptachlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	1024-57-3	
Methoxychlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:11	72-43-5	
Toxaphene	ND	ug/L	0.30	1	10/13/14 12:10	10/13/14 19:11	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	69	%.	40-140	1	10/13/14 12:10	10/13/14 19:11	877-09-8	
Decachlorobiphenyl (S)	51	%.	40-140	1	10/13/14 12:10	10/13/14 19:11	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	86	%	15-115	1	10/13/14 00:00	10/13/14 15:29	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	**1.1**	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	94-75-7	
Dalapon	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	75-99-0	
2,4-DB	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	94-82-6	
Dicamba	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	1918-00-9	
Dichloroprop	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	120-36-5	
Dinoseb	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	88-85-7	N2
MCPA	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 13:24	94-74-6	M1
MCPP	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 13:24	7085-19-0	M1
2,4,5-T	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	93-76-5	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 4 **Lab ID: 60180084001** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4,5-TP (Silvex)	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	93-72-1	
Surrogates								
2,4-DCAA (S)	151	%.	40-140	1	10/13/14 12:30	10/14/14 11:49	19719-28-9	S0
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	**339**	ug/L	200	1	10/13/14 15:15	10/14/14 12:31	7429-90-5	
Antimony	ND	ug/L	6.0	1	10/13/14 15:15	10/14/14 12:31	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:31	7440-38-2	
Barium	ND	ug/L	200	1	10/13/14 15:15	10/14/14 12:31	7440-39-3	
Beryllium	ND	ug/L	4.0	1	10/13/14 15:15	10/14/14 12:31	7440-41-7	
Cadmium	ND	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:31	7440-43-9	
Calcium	**29200**	ug/L	1000	1	10/13/14 15:15	10/14/14 12:31	7440-70-2	
Chromium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:31	7440-47-3	
Cobalt	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:31	7440-48-4	
Copper	ND	ug/L	25.0	1	10/13/14 15:15	10/14/14 12:31	7440-50-8	
Iron	**840**	ug/L	300	1	10/13/14 15:15	10/14/14 12:31	7439-89-6	
Lead	**22.6**	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:31	7439-92-1	
Magnesium	**13500**	ug/L	5000	1	10/13/14 15:15	10/14/14 12:31	7439-95-4	
Manganese	**18.3**	ug/L	15.0	1	10/13/14 15:15	10/14/14 12:31	7439-96-5	
Molybdenum	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:31	7439-98-7	
Nickel	ND	ug/L	40.0	1	10/13/14 15:15	10/14/14 12:31	7440-02-0	
Potassium	ND	ug/L	10000	1	10/13/14 15:15	10/14/14 12:31	7440-09-7	
Selenium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:31	7782-49-2	
Silver	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:31	7440-22-4	
Sodium	**92000**	ug/L	10000	1	10/13/14 15:15	10/14/14 12:31	7440-23-5	
Strontium	**249**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:31	7440-24-6	
Thallium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:31	7440-28-0	
Tin	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:31	7440-31-5	
Titanium	**11.4**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:31	7440-32-6	
Vanadium	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:31	7440-62-2	
Zinc	**963**	ug/L	20.0	1	10/13/14 15:15	10/14/14 12:31	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	1.0	1	10/13/14 10:20	10/14/14 10:19	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	83-32-9	
Acenaphthylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	208-96-8	
Aniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	62-53-3	
Anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	120-12-7	
Benzidine	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:19	92-87-5	
Benzo(a)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	207-08-9	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 4 **Lab ID: 60180084001** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzoic acid	ND	ug/L	50.0	1	10/13/14 00:00	10/13/14 17:19	65-85-0	
Benzyl alcohol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	85-68-7	
Carbazole	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	59-50-7	
4-Chloroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	39638-32-9	
2-Chloronaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	91-58-7	
2-Chlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	7005-72-3	
Chrysene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	53-70-3	
Dibenzofuran	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	120-83-2	
Diethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	105-67-9	
Dimethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	117-81-7	
Fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	206-44-0	
Fluorene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	87-68-3	
Hexachlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:19	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	193-39-5	
Isophorone	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	78-59-1	
1-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19		
Naphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	91-20-3	
2-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	88-74-4	
3-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	99-09-2	

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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 4 **Lab ID: 60180084001** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	100-01-6	
Nitrobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	98-95-3	
2-Nitrophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	88-75-5	
4-Nitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:19	87-86-5	
Phenanthrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	85-01-8	
Phenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	108-95-2	
Pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	129-00-0	
Pyridine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:19	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:19	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	62	%	10-135	1	10/13/14 00:00	10/13/14 17:19	4165-60-0	
2-Fluorobiphenyl (S)	62	%	19-124	1	10/13/14 00:00	10/13/14 17:19	321-60-8	
Terphenyl-d14 (S)	70	%	24-131	1	10/13/14 00:00	10/13/14 17:19	1718-51-0	
Phenol-d6 (S)	22	%	10-120	1	10/13/14 00:00	10/13/14 17:19	13127-88-3	
2-Fluorophenol (S)	33	%	13-120	1	10/13/14 00:00	10/13/14 17:19	367-12-4	
2,4,6-Tribromophenol (S)	66	%	29-121	1	10/13/14 00:00	10/13/14 17:19	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	25.0	1		10/14/14 10:38	67-64-1	
Acrolein	ND	ug/L	20.0	1		10/14/14 10:38	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/14/14 10:38	107-13-1	
Benzene	ND	ug/L	1.0	1		10/14/14 10:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/14/14 10:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/14/14 10:38	74-97-5	
Bromodichloromethane	**2.3**	ug/L	1.0	1		10/14/14 10:38	75-27-4	
Bromoform	**1.1**	ug/L	1.0	1		10/14/14 10:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/14/14 10:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/14/14 10:38	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:38	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:38	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:38	98-06-6	
Carbon disulfide	ND	ug/L	2.0	1		10/14/14 10:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/14/14 10:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/14/14 10:38	108-90-7	
Chloroethane	ND	ug/L	2.0	1		10/14/14 10:38	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	5.0	1		10/14/14 10:38	110-75-8	
Chloroform	**1.9**	ug/L	1.0	1		10/14/14 10:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/14/14 10:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 10:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 10:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/14/14 10:38	96-12-8	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 4 **Lab ID: 60180084001** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Dibromochloromethane	**3.3**	ug/L	1.0	1		10/14/14 10:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/14/14 10:38	106-93-4	
Dibromomethane	ND	ug/L	2.0	1		10/14/14 10:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	1		10/14/14 10:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/14/14 10:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/14/14 10:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		10/14/14 10:38	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:38	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		10/14/14 10:38	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		10/14/14 10:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/14/14 10:38	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		10/14/14 10:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		10/14/14 10:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/14/14 10:38	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		10/14/14 10:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/14/14 10:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/14/14 10:38	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		10/14/14 10:38	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		10/14/14 10:38	103-65-1	
Styrene	ND	ug/L	1.0	1		10/14/14 10:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 10:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 10:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/14/14 10:38	127-18-4	
Toluene	ND	ug/L	1.0	1		10/14/14 10:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/14/14 10:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/14/14 10:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/14/14 10:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	1		10/14/14 10:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		10/14/14 10:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 10:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 10:38	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		10/14/14 10:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/14/14 10:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		10/14/14 10:38	1330-20-7	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 4 **Lab ID: 60180084001** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
m&p-Xylene	ND	ug/L	2.0	1		10/14/14 10:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/14/14 10:38	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		10/14/14 10:38	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-120	1		10/14/14 10:38	17060-07-0	
Toluene-d8 (S)	104	%	80-120	1		10/14/14 10:38	2037-26-5	
Preservation pH	**7.0**		0.10	1		10/14/14 10:38		

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 3 **Lab ID: 60180084002** Collected: 10/10/14 10:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	309-00-2	
alpha-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	319-84-6	
beta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	319-85-7	
delta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	58-89-9	
Chlordane (Technical)	ND	ug/L	0.10	1	10/13/14 12:10	10/13/14 19:43	57-74-9	
alpha-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	5103-71-9	
gamma-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	5103-74-2	
4,4'-DDD	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	72-54-8	
4,4'-DDE	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	72-55-9	
4,4'-DDT	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	50-29-3	
Dieldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	60-57-1	
Endosulfan I	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	959-98-8	
Endosulfan II	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	1031-07-8	
Endrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	7421-93-4	
Endrin ketone	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	53494-70-5	
Heptachlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	1024-57-3	
Methoxychlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 19:43	72-43-5	
Toxaphene	ND	ug/L	0.30	1	10/13/14 12:10	10/13/14 19:43	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	73	%.	40-140	1	10/13/14 12:10	10/13/14 19:43	877-09-8	
Decachlorobiphenyl (S)	51	%.	40-140	1	10/13/14 12:10	10/13/14 19:43	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:47	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 15:47	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	82	%	15-115	1	10/13/14 00:00	10/13/14 15:47	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	**3.9**	ug/L	2.5	5	10/13/14 12:30	10/14/14 15:10	94-75-7	
Dalapon	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:56	75-99-0	
2,4-DB	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:56	94-82-6	
Dicamba	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:56	1918-00-9	
Dichloroprop	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:56	120-36-5	
Dinoseb	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:56	88-85-7	N2
MCPA	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 13:56	94-74-6	
MCPP	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 13:56	7085-19-0	
2,4,5-T	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:56	93-76-5	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 3 **Lab ID: 60180084002** Collected: 10/10/14 10:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4,5-TP (Silvex)	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:56	93-72-1	
Surrogates								
2,4-DCAA (S)	185	%.	40-140	1	10/13/14 12:30	10/14/14 13:56	19719-28-9	S0
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	**1240**	ug/L	200	1	10/13/14 15:15	10/14/14 12:34	7429-90-5	
Antimony	ND	ug/L	6.0	1	10/13/14 15:15	10/14/14 12:34	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:34	7440-38-2	
Barium	ND	ug/L	200	1	10/13/14 15:15	10/14/14 12:34	7440-39-3	
Beryllium	ND	ug/L	4.0	1	10/13/14 15:15	10/14/14 12:34	7440-41-7	
Cadmium	ND	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:34	7440-43-9	
Calcium	**40700**	ug/L	1000	1	10/13/14 15:15	10/14/14 12:34	7440-70-2	
Chromium	**178**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:34	7440-47-3	
Cobalt	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:34	7440-48-4	
Copper	**36.3**	ug/L	25.0	1	10/13/14 15:15	10/14/14 12:34	7440-50-8	
Iron	**2910**	ug/L	300	1	10/13/14 15:15	10/14/14 12:34	7439-89-6	
Lead	**937**	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:34	7439-92-1	
Magnesium	**16200**	ug/L	5000	1	10/13/14 15:15	10/14/14 12:34	7439-95-4	
Manganese	**57.6**	ug/L	15.0	1	10/13/14 15:15	10/14/14 12:34	7439-96-5	
Molybdenum	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:34	7439-98-7	
Nickel	ND	ug/L	40.0	1	10/13/14 15:15	10/14/14 12:34	7440-02-0	
Potassium	ND	ug/L	10000	1	10/13/14 15:15	10/14/14 12:34	7440-09-7	
Selenium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:34	7782-49-2	
Silver	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:34	7440-22-4	
Sodium	**106000**	ug/L	10000	1	10/13/14 15:15	10/14/14 12:34	7440-23-5	
Strontium	**310**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:34	7440-24-6	
Thallium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:34	7440-28-0	
Tin	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:34	7440-31-5	
Titanium	**38.2**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:34	7440-32-6	
Vanadium	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:34	7440-62-2	
Zinc	**6870**	ug/L	20.0	1	10/13/14 15:15	10/14/14 12:34	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	1.0	1	10/13/14 10:20	10/14/14 10:30	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	83-32-9	
Acenaphthylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	208-96-8	
Aniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	62-53-3	
Anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	120-12-7	
Benzidine	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:39	92-87-5	
Benzo(a)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	207-08-9	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 3 **Lab ID: 60180084002** Collected: 10/10/14 10:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzoic acid	ND	ug/L	50.0	1	10/13/14 00:00	10/13/14 17:39	65-85-0	
Benzyl alcohol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	85-68-7	
Carbazole	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	59-50-7	
4-Chloroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	39638-32-9	
2-Chloronaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	91-58-7	
2-Chlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	7005-72-3	
Chrysene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	53-70-3	
Dibenzofuran	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:39	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	120-83-2	
Diethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	84-66-2	
2,4-Dimethylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	105-67-9	
Dimethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:39	534-52-1	
2,4-Dinitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	117-81-7	
Fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	206-44-0	
Fluorene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	87-68-3	
Hexachlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:39	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	193-39-5	
Isophorone	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	78-59-1	
1-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39		
Naphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	91-20-3	
2-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	88-74-4	
3-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	99-09-2	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 3 **Lab ID: 60180084002** Collected: 10/10/14 10:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	100-01-6	
Nitrobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	98-95-3	
2-Nitrophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	88-75-5	
4-Nitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 17:39	87-86-5	
Phenanthrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	85-01-8	
Phenol	**9.2**	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	108-95-2	
Pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	129-00-0	
Pyridine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 17:39	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 17:39	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	68	%	10-135	1	10/13/14 00:00	10/13/14 17:39	4165-60-0	
2-Fluorobiphenyl (S)	70	%	19-124	1	10/13/14 00:00	10/13/14 17:39	321-60-8	
Terphenyl-d14 (S)	76	%	24-131	1	10/13/14 00:00	10/13/14 17:39	1718-51-0	
Phenol-d6 (S)	25	%	10-120	1	10/13/14 00:00	10/13/14 17:39	13127-88-3	
2-Fluorophenol (S)	36	%	13-120	1	10/13/14 00:00	10/13/14 17:39	367-12-4	
2,4,6-Tribromophenol (S)	68	%	29-121	1	10/13/14 00:00	10/13/14 17:39	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	25.0	1		10/14/14 10:53	67-64-1	
Acrolein	ND	ug/L	20.0	1		10/14/14 10:53	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/14/14 10:53	107-13-1	
Benzene	ND	ug/L	1.0	1		10/14/14 10:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/14/14 10:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/14/14 10:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/14/14 10:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/14/14 10:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/14/14 10:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/14/14 10:53	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:53	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:53	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:53	98-06-6	
Carbon disulfide	ND	ug/L	2.0	1		10/14/14 10:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/14/14 10:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/14/14 10:53	108-90-7	
Chloroethane	ND	ug/L	2.0	1		10/14/14 10:53	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	5.0	1		10/14/14 10:53	110-75-8	
Chloroform	ND	ug/L	1.0	1		10/14/14 10:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/14/14 10:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 10:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 10:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/14/14 10:53	96-12-8	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 3 **Lab ID: 60180084002** Collected: 10/10/14 10:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Dibromochloromethane	ND	ug/L	1.0	1		10/14/14 10:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/14/14 10:53	106-93-4	
Dibromomethane	ND	ug/L	2.0	1		10/14/14 10:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	1		10/14/14 10:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/14/14 10:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/14/14 10:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		10/14/14 10:53	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:53	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		10/14/14 10:53	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		10/14/14 10:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/14/14 10:53	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		10/14/14 10:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		10/14/14 10:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/14/14 10:53	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		10/14/14 10:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/14/14 10:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/14/14 10:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		10/14/14 10:53	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		10/14/14 10:53	103-65-1	
Styrene	ND	ug/L	1.0	1		10/14/14 10:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 10:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 10:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/14/14 10:53	127-18-4	
Toluene	ND	ug/L	1.0	1		10/14/14 10:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/14/14 10:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/14/14 10:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/14/14 10:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	1		10/14/14 10:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		10/14/14 10:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 10:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 10:53	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		10/14/14 10:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/14/14 10:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		10/14/14 10:53	1330-20-7	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 3 **Lab ID: 60180084002** Collected: 10/10/14 10:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
m&p-Xylene	ND	ug/L	2.0	1		10/14/14 10:53	179601-23-1	
o-Xylene	**1.4**	ug/L	1.0	1		10/14/14 10:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		10/14/14 10:53	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-120	1		10/14/14 10:53	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		10/14/14 10:53	2037-26-5	
Preservation pH	**7.0**		0.10	1		10/14/14 10:53		

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 2 **Lab ID: 60180084003** Collected: 10/10/14 13:15 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	309-00-2	
alpha-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	319-84-6	
beta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	319-85-7	
delta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	58-89-9	
Chlordane (Technical)	ND	ug/L	0.10	1	10/13/14 12:10	10/13/14 20:15	57-74-9	
alpha-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	5103-71-9	
gamma-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	5103-74-2	
4,4'-DDD	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	72-54-8	
4,4'-DDE	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	72-55-9	
4,4'-DDT	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	50-29-3	
Dieldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	60-57-1	
Endosulfan I	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	959-98-8	
Endosulfan II	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	1031-07-8	
Endrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	7421-93-4	
Endrin ketone	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	53494-70-5	
Heptachlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	1024-57-3	
Methoxychlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:15	72-43-5	
Toxaphene	ND	ug/L	0.30	1	10/13/14 12:10	10/13/14 20:15	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	65	%.	40-140	1	10/13/14 12:10	10/13/14 20:15	877-09-8	
Decachlorobiphenyl (S)	40	%.	40-140	1	10/13/14 12:10	10/13/14 20:15	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:04	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:04	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	44	%	15-115	1	10/13/14 00:00	10/13/14 16:04	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	**2.1**	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	94-75-7	
Dalapon	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	75-99-0	
2,4-DB	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	94-82-6	
Dicamba	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	1918-00-9	
Dichloroprop	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	120-36-5	
Dinoseb	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	88-85-7	N2
MCPA	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 12:21	94-74-6	
MCPP	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 12:21	7085-19-0	
2,4,5-T	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	93-76-5	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 2 **Lab ID: 60180084003** Collected: 10/10/14 13:15 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4,5-TP (Silvex)	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 12:21	93-72-1	
Surrogates								
2,4-DCAA (S)	105	%.	40-140	1	10/13/14 12:30	10/14/14 12:21	19719-28-9	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	**4560**	ug/L	200	1	10/13/14 15:15	10/14/14 12:38	7429-90-5	
Antimony	**11.1**	ug/L	6.0	1	10/13/14 15:15	10/14/14 12:38	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:38	7440-38-2	
Barium	**305**	ug/L	200	1	10/13/14 15:15	10/14/14 12:38	7440-39-3	
Beryllium	ND	ug/L	4.0	1	10/13/14 15:15	10/14/14 12:38	7440-41-7	
Cadmium	**5.6**	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:38	7440-43-9	
Calcium	**66300**	ug/L	1000	1	10/13/14 15:15	10/14/14 12:38	7440-70-2	
Chromium	**85.9**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:38	7440-47-3	
Cobalt	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:38	7440-48-4	
Copper	**61.6**	ug/L	25.0	1	10/13/14 15:15	10/14/14 12:38	7440-50-8	
Iron	**9310**	ug/L	300	1	10/13/14 15:15	10/14/14 12:38	7439-89-6	
Lead	**294**	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:38	7439-92-1	
Magnesium	**16400**	ug/L	5000	1	10/13/14 15:15	10/14/14 12:38	7439-95-4	
Manganese	**175**	ug/L	15.0	1	10/13/14 15:15	10/14/14 12:38	7439-96-5	
Molybdenum	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:38	7439-98-7	
Nickel	**60.5**	ug/L	40.0	1	10/13/14 15:15	10/14/14 12:38	7440-02-0	
Potassium	ND	ug/L	10000	1	10/13/14 15:15	10/14/14 12:38	7440-09-7	
Selenium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:38	7782-49-2	
Silver	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:38	7440-22-4	
Sodium	**99900**	ug/L	10000	1	10/13/14 15:15	10/14/14 12:38	7440-23-5	
Strontium	**360**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:38	7440-24-6	
Thallium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:38	7440-28-0	
Tin	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:38	7440-31-5	
Titanium	**123**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:38	7440-32-6	
Vanadium	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:38	7440-62-2	
Zinc	**4320**	ug/L	20.0	1	10/13/14 15:15	10/14/14 12:38	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	1.0	1	10/13/14 10:20	10/14/14 10:33	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	83-32-9	
Acenaphthylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	208-96-8	
Aniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	62-53-3	
Anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	120-12-7	
Benzidine	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:00	92-87-5	
Benzo(a)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	207-08-9	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 2 **Lab ID: 60180084003** Collected: 10/10/14 13:15 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzoic acid	ND	ug/L	50.0	1	10/13/14 00:00	10/13/14 18:00	65-85-0	
Benzyl alcohol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	85-68-7	
Carbazole	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	59-50-7	
4-Chloroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	39638-32-9	
2-Chloronaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	91-58-7	
2-Chlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	7005-72-3	
Chrysene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	53-70-3	
Dibenzofuran	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	120-83-2	
Diethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	105-67-9	
Dimethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:00	534-52-1	
2,4-Dinitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	122-66-7	
bis(2-Ethylhexyl)phthalate	**49.4**	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	117-81-7	
Fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	206-44-0	
Fluorene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	87-68-3	
Hexachlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:00	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	193-39-5	
Isophorone	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	78-59-1	
1-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	90-12-0	
2-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00		
Naphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	91-20-3	
2-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	88-74-4	
3-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	99-09-2	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 2 **Lab ID: 60180084003** Collected: 10/10/14 13:15 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	100-01-6	
Nitrobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	98-95-3	
2-Nitrophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	88-75-5	
4-Nitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:00	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:00	87-86-5	
Phenanthrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	85-01-8	
Phenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	108-95-2	
Pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	129-00-0	
Pyridine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:00	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:00	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	10-135	1	10/13/14 00:00	10/13/14 18:00	4165-60-0	
2-Fluorobiphenyl (S)	72	%	19-124	1	10/13/14 00:00	10/13/14 18:00	321-60-8	
Terphenyl-d14 (S)	81	%	24-131	1	10/13/14 00:00	10/13/14 18:00	1718-51-0	
Phenol-d6 (S)	26	%	10-120	1	10/13/14 00:00	10/13/14 18:00	13127-88-3	
2-Fluorophenol (S)	37	%	13-120	1	10/13/14 00:00	10/13/14 18:00	367-12-4	
2,4,6-Tribromophenol (S)	77	%	29-121	1	10/13/14 00:00	10/13/14 18:00	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	25.0	1		10/14/14 11:08	67-64-1	
Acrolein	ND	ug/L	20.0	1		10/14/14 11:08	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/14/14 11:08	107-13-1	
Benzene	ND	ug/L	1.0	1		10/14/14 11:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/14/14 11:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/14/14 11:08	74-97-5	
Bromodichloromethane	**1.1**	ug/L	1.0	1		10/14/14 11:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/14/14 11:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/14/14 11:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/14/14 11:08	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		10/14/14 11:08	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		10/14/14 11:08	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		10/14/14 11:08	98-06-6	
Carbon disulfide	ND	ug/L	2.0	1		10/14/14 11:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/14/14 11:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/14/14 11:08	108-90-7	
Chloroethane	ND	ug/L	2.0	1		10/14/14 11:08	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	5.0	1		10/14/14 11:08	110-75-8	
Chloroform	ND	ug/L	1.0	1		10/14/14 11:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/14/14 11:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 11:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 11:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/14/14 11:08	96-12-8	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 2 **Lab ID: 60180084003** Collected: 10/10/14 13:15 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Dibromochloromethane	**1.5**	ug/L	1.0	1		10/14/14 11:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/14/14 11:08	106-93-4	
Dibromomethane	ND	ug/L	2.0	1		10/14/14 11:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	1		10/14/14 11:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/14/14 11:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/14/14 11:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		10/14/14 11:08	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/14/14 11:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 11:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 11:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 11:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/14/14 11:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 11:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/14/14 11:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 11:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 11:08	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		10/14/14 11:08	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		10/14/14 11:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/14/14 11:08	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		10/14/14 11:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		10/14/14 11:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/14/14 11:08	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		10/14/14 11:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/14/14 11:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/14/14 11:08	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		10/14/14 11:08	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		10/14/14 11:08	103-65-1	
Styrene	ND	ug/L	1.0	1		10/14/14 11:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 11:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 11:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/14/14 11:08	127-18-4	
Toluene	ND	ug/L	1.0	1		10/14/14 11:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/14/14 11:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/14/14 11:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/14/14 11:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	1		10/14/14 11:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		10/14/14 11:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 11:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 11:08	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		10/14/14 11:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/14/14 11:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		10/14/14 11:08	1330-20-7	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 2 **Lab ID: 60180084003** Collected: 10/10/14 13:15 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
m&p-Xylene	ND	ug/L	2.0	1		10/14/14 11:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/14/14 11:08	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		10/14/14 11:08	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	80-120	1		10/14/14 11:08	17060-07-0	
Toluene-d8 (S)	103	%	80-120	1		10/14/14 11:08	2037-26-5	
Preservation pH	**7.0**		0.10	1		10/14/14 11:08		

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 1 **Lab ID: 60180084004** Collected: 10/10/14 13:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	309-00-2	
alpha-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	319-84-6	
beta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	319-85-7	
delta-BHC	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	58-89-9	
Chlordane (Technical)	ND	ug/L	0.10	1	10/13/14 12:10	10/13/14 20:48	57-74-9	
alpha-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	5103-71-9	
gamma-Chlordane	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	5103-74-2	
4,4'-DDD	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	72-54-8	
4,4'-DDE	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	72-55-9	
4,4'-DDT	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	50-29-3	
Dieldrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	60-57-1	
Endosulfan I	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	959-98-8	
Endosulfan II	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	1031-07-8	
Endrin	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	7421-93-4	
Endrin ketone	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	53494-70-5	
Heptachlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	1024-57-3	
Methoxychlor	ND	ug/L	0.010	1	10/13/14 12:10	10/13/14 20:48	72-43-5	
Toxaphene	ND	ug/L	0.30	1	10/13/14 12:10	10/13/14 20:48	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	74	%.	40-140	1	10/13/14 12:10	10/13/14 20:48	877-09-8	
Decachlorobiphenyl (S)	53	%.	40-140	1	10/13/14 12:10	10/13/14 20:48	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/13/14 00:00	10/13/14 16:21	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	59	%	15-115	1	10/13/14 00:00	10/13/14 16:21	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	**6.9**	ug/L	2.5	5	10/13/14 12:30	10/14/14 15:10	94-75-7	
Dalapon	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	75-99-0	
2,4-DB	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	94-82-6	
Dicamba	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	1918-00-9	
Dichloroprop	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	120-36-5	
Dinoseb	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	88-85-7	N2
MCPA	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 13:24	94-74-6	
MCPP	ND	ug/L	20.0	1	10/13/14 12:30	10/14/14 13:24	7085-19-0	
2,4,5-T	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	93-76-5	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 1 **Lab ID: 60180084004** Collected: 10/10/14 13:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4,5-TP (Silvex)	ND	ug/L	0.50	1	10/13/14 12:30	10/14/14 13:24	93-72-1	
Surrogates								
2,4-DCAA (S)	103	%.	40-140	1	10/13/14 12:30	10/14/14 13:24	19719-28-9	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	**31500**	ug/L	200	1	10/13/14 15:15	10/14/14 12:41	7429-90-5	
Antimony	**78.6**	ug/L	6.0	1	10/13/14 15:15	10/14/14 12:41	7440-36-0	
Arsenic	**42.3**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:41	7440-38-2	
Barium	**1660**	ug/L	200	1	10/13/14 15:15	10/14/14 12:41	7440-39-3	
Beryllium	ND	ug/L	4.0	1	10/13/14 15:15	10/14/14 12:41	7440-41-7	
Cadmium	**36.6**	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:41	7440-43-9	
Calcium	**305000**	ug/L	1000	1	10/13/14 15:15	10/14/14 12:41	7440-70-2	
Chromium	**1120**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:41	7440-47-3	
Cobalt	**246**	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:41	7440-48-4	
Copper	**347**	ug/L	25.0	1	10/13/14 15:15	10/14/14 12:41	7440-50-8	
Iron	**73300**	ug/L	300	1	10/13/14 15:15	10/14/14 12:41	7439-89-6	
Lead	**2070**	ug/L	5.0	1	10/13/14 15:15	10/14/14 12:41	7439-92-1	
Magnesium	**34000**	ug/L	5000	1	10/13/14 15:15	10/14/14 12:41	7439-95-4	
Manganese	**1710**	ug/L	15.0	1	10/13/14 15:15	10/14/14 12:41	7439-96-5	
Molybdenum	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:41	7439-98-7	
Nickel	**251**	ug/L	40.0	1	10/13/14 15:15	10/14/14 12:41	7440-02-0	
Potassium	**20000**	ug/L	10000	1	10/13/14 15:15	10/14/14 12:41	7440-09-7	
Selenium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:41	7782-49-2	
Silver	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:41	7440-22-4	
Sodium	**119000**	ug/L	10000	1	10/13/14 15:15	10/14/14 12:41	7440-23-5	
Strontium	**1310**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:41	7440-24-6	
Thallium	ND	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:41	7440-28-0	
Tin	ND	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:41	7440-31-5	
Titanium	**687**	ug/L	10.0	1	10/13/14 15:15	10/14/14 12:41	7440-32-6	
Vanadium	**88.2**	ug/L	50.0	1	10/13/14 15:15	10/14/14 12:41	7440-62-2	
Zinc	**63800**	ug/L	40.0	2	10/13/14 15:15	10/14/14 14:05	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**2.5**	ug/L	1.0	1	10/13/14 10:20	10/14/14 10:35	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	83-32-9	
Acenaphthylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	208-96-8	
Aniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	62-53-3	
Anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	120-12-7	
Benzidine	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:21	92-87-5	
Benzo(a)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	207-08-9	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 1 **Lab ID: 60180084004** Collected: 10/10/14 13:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Benzoic acid	ND	ug/L	50.0	1	10/13/14 00:00	10/13/14 18:21	65-85-0	
Benzyl alcohol	**5.5**	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	85-68-7	
Carbazole	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	59-50-7	
4-Chloroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	39638-32-9	
2-Chloronaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	91-58-7	
2-Chlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	7005-72-3	
Chrysene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	53-70-3	
Dibenzofuran	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	120-83-2	
Diethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	84-66-2	
2,4-Dimethylphenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	105-67-9	
Dimethylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	122-66-7	
bis(2-Ethylhexyl)phthalate	**29.7**	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	117-81-7	
Fluoranthene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	206-44-0	
Fluorene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	87-68-3	
Hexachlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:21	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	193-39-5	
Isophorone	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	78-59-1	
1-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21		
Naphthalene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	91-20-3	
2-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	88-74-4	
3-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	99-09-2	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 1 **Lab ID: 60180084004** Collected: 10/10/14 13:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	100-01-6	
Nitrobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	98-95-3	
2-Nitrophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	88-75-5	
4-Nitrophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	1	10/13/14 00:00	10/13/14 18:21	87-86-5	
Phenanthrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	85-01-8	
Phenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	108-95-2	
Pyrene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	129-00-0	
Pyridine	ND	ug/L	10.0	1	10/13/14 00:00	10/13/14 18:21	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	5.0	1	10/13/14 00:00	10/13/14 18:21	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%	10-135	1	10/13/14 00:00	10/13/14 18:21	4165-60-0	
2-Fluorobiphenyl (S)	70	%	19-124	1	10/13/14 00:00	10/13/14 18:21	321-60-8	
Terphenyl-d14 (S)	78	%	24-131	1	10/13/14 00:00	10/13/14 18:21	1718-51-0	
Phenol-d6 (S)	26	%	10-120	1	10/13/14 00:00	10/13/14 18:21	13127-88-3	
2-Fluorophenol (S)	36	%	13-120	1	10/13/14 00:00	10/13/14 18:21	367-12-4	
2,4,6-Tribromophenol (S)	74	%	29-121	1	10/13/14 00:00	10/13/14 18:21	118-79-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	25.0	1		10/14/14 11:23	67-64-1	
Acrolein	ND	ug/L	20.0	1		10/14/14 11:23	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/14/14 11:23	107-13-1	
Benzene	ND	ug/L	1.0	1		10/14/14 11:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/14/14 11:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/14/14 11:23	74-97-5	
Bromodichloromethane	**1.7**	ug/L	1.0	1		10/14/14 11:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/14/14 11:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/14/14 11:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/14/14 11:23	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		10/14/14 11:23	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		10/14/14 11:23	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		10/14/14 11:23	98-06-6	
Carbon disulfide	ND	ug/L	2.0	1		10/14/14 11:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/14/14 11:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/14/14 11:23	108-90-7	
Chloroethane	ND	ug/L	2.0	1		10/14/14 11:23	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	5.0	1		10/14/14 11:23	110-75-8	
Chloroform	**1.1**	ug/L	1.0	1		10/14/14 11:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/14/14 11:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 11:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 11:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/14/14 11:23	96-12-8	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 1 **Lab ID: 60180084004** Collected: 10/10/14 13:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Dibromochloromethane	**2.2**	ug/L	1.0	1		10/14/14 11:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/14/14 11:23	106-93-4	
Dibromomethane	ND	ug/L	2.0	1		10/14/14 11:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	1		10/14/14 11:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/14/14 11:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/14/14 11:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		10/14/14 11:23	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/14/14 11:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 11:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 11:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 11:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/14/14 11:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 11:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/14/14 11:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 11:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 11:23	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		10/14/14 11:23	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		10/14/14 11:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/14/14 11:23	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		10/14/14 11:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		10/14/14 11:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/14/14 11:23	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		10/14/14 11:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/14/14 11:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/14/14 11:23	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		10/14/14 11:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		10/14/14 11:23	103-65-1	
Styrene	ND	ug/L	1.0	1		10/14/14 11:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 11:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 11:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/14/14 11:23	127-18-4	
Toluene	ND	ug/L	1.0	1		10/14/14 11:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 11:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/14/14 11:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/14/14 11:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/14/14 11:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	1		10/14/14 11:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		10/14/14 11:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 11:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 11:23	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		10/14/14 11:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/14/14 11:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		10/14/14 11:23	1330-20-7	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: BLD C BAY 1 **Lab ID: 60180084004** Collected: 10/10/14 13:45 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
m&p-Xylene	ND	ug/L	2.0	1		10/14/14 11:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/14/14 11:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		10/14/14 11:23	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	80-120	1		10/14/14 11:23	17060-07-0	
Toluene-d8 (S)	105	%	80-120	1		10/14/14 11:23	2037-26-5	
Preservation pH	**7.0**		0.10	1		10/14/14 11:23		

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: TRIP BLANK **Lab ID: 60180084006** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	25.0	1		10/14/14 10:23	67-64-1	
Acrolein	ND	ug/L	20.0	1		10/14/14 10:23	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/14/14 10:23	107-13-1	
Benzene	ND	ug/L	1.0	1		10/14/14 10:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		10/14/14 10:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/14/14 10:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/14/14 10:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/14/14 10:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/14/14 10:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/14/14 10:23	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:23	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:23	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		10/14/14 10:23	98-06-6	
Carbon disulfide	ND	ug/L	2.0	1		10/14/14 10:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/14/14 10:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/14/14 10:23	108-90-7	
Chloroethane	ND	ug/L	2.0	1		10/14/14 10:23	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	5.0	1		10/14/14 10:23	110-75-8	
Chloroform	ND	ug/L	1.0	1		10/14/14 10:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/14/14 10:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 10:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/14/14 10:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/14/14 10:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/14/14 10:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/14/14 10:23	106-93-4	
Dibromomethane	ND	ug/L	2.0	1		10/14/14 10:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	1		10/14/14 10:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/14/14 10:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/14/14 10:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		10/14/14 10:23	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/14/14 10:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/14/14 10:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/14/14 10:23	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	100	1		10/14/14 10:23	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		10/14/14 10:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/14/14 10:23	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		10/14/14 10:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		10/14/14 10:23	98-82-8	

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ANALYTICAL RESULTS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Sample: TRIP BLANK **Lab ID: 60180084006** Collected: 10/10/14 10:30 Received: 10/11/14 09:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
p-Isopropyltoluene	ND	ug/L	1.0	1		10/14/14 10:23	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		10/14/14 10:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/14/14 10:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/14/14 10:23	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		10/14/14 10:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		10/14/14 10:23	103-65-1	
Styrene	ND	ug/L	1.0	1		10/14/14 10:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 10:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/14/14 10:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/14/14 10:23	127-18-4	
Toluene	ND	ug/L	1.0	1		10/14/14 10:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/14/14 10:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/14/14 10:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/14/14 10:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/14/14 10:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	1		10/14/14 10:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1		10/14/14 10:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 10:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		10/14/14 10:23	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		10/14/14 10:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/14/14 10:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		10/14/14 10:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/14/14 10:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/14/14 10:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	80-120	1		10/14/14 10:23	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-120	1		10/14/14 10:23	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		10/14/14 10:23	2037-26-5	
Preservation pH	**7.0**		0.10	1		10/14/14 10:23		

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

QC Batch: MERP/8901 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

METHOD BLANK: 1458835 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	1.0	10/14/14 10:15	

LABORATORY CONTROL SAMPLE: 1458836

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1458837 1458838

Parameter	Units	60180084001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	5.0	98	99	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

QC Batch: MPRP/29285 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

METHOD BLANK: 1458997 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	200	10/14/14 12:14	
Antimony	ug/L	ND	6.0	10/14/14 12:14	
Arsenic	ug/L	ND	10.0	10/14/14 12:14	
Barium	ug/L	ND	200	10/14/14 12:14	
Beryllium	ug/L	ND	4.0	10/14/14 12:14	
Cadmium	ug/L	ND	5.0	10/14/14 12:14	
Calcium	ug/L	ND	1000	10/14/14 12:14	
Chromium	ug/L	ND	10.0	10/14/14 12:14	
Cobalt	ug/L	ND	50.0	10/14/14 12:14	
Copper	ug/L	ND	25.0	10/14/14 12:14	
Iron	ug/L	ND	300	10/14/14 12:14	
Lead	ug/L	ND	5.0	10/14/14 12:14	
Magnesium	ug/L	ND	5000	10/14/14 12:14	
Manganese	ug/L	ND	15.0	10/14/14 12:14	
Molybdenum	ug/L	ND	50.0	10/14/14 12:14	
Nickel	ug/L	ND	40.0	10/14/14 12:14	
Potassium	ug/L	ND	10000	10/14/14 12:14	
Selenium	ug/L	ND	10.0	10/14/14 12:14	
Silver	ug/L	ND	10.0	10/14/14 12:14	
Sodium	ug/L	ND	10000	10/14/14 12:14	
Strontium	ug/L	ND	10.0	10/14/14 12:14	
Thallium	ug/L	ND	10.0	10/14/14 12:14	
Tin	ug/L	ND	50.0	10/14/14 12:14	
Titanium	ug/L	ND	10.0	10/14/14 12:14	
Vanadium	ug/L	ND	50.0	10/14/14 12:14	
Zinc	ug/L	ND	20.0	10/14/14 12:14	

LABORATORY CONTROL SAMPLE: 1458998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9950	99	80-120	
Antimony	ug/L	1000	991	99	80-120	
Arsenic	ug/L	1000	954	95	80-120	
Barium	ug/L	1000	982	98	80-120	
Beryllium	ug/L	1000	982	98	80-120	
Cadmium	ug/L	1000	980	98	80-120	
Calcium	ug/L	10000	9740	97	80-120	
Chromium	ug/L	1000	981	98	80-120	
Cobalt	ug/L	1000	973	97	80-120	
Copper	ug/L	1000	988	99	80-120	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

LABORATORY CONTROL SAMPLE: 1458998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9600	96	80-120	
Lead	ug/L	1000	976	98	80-120	
Magnesium	ug/L	10000	9760	98	80-120	
Manganese	ug/L	1000	954	95	80-120	
Molybdenum	ug/L	1000	988	99	80-120	
Nickel	ug/L	1000	994	99	80-120	
Potassium	ug/L	10000	9670J	97	80-120	
Selenium	ug/L	1000	949	95	80-120	
Silver	ug/L	500	474	95	80-120	
Sodium	ug/L	10000	10200	102	80-120	
Strontium	ug/L	1000	967	97	80-120	
Thallium	ug/L	1000	998	100	80-120	
Tin	ug/L	1000	996	100	80-120	
Titanium	ug/L	1000	968	97	80-120	
Vanadium	ug/L	1000	948	95	80-120	
Zinc	ug/L	1000	956	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1458999 1459000

Parameter	Units	60179971001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	ND	10000	10000	10000	9900	99	98	75-125	1	20	
Antimony	ug/L	ND	1000	1000	1040	1010	104	101	75-125	3	20	
Arsenic	ug/L	ND	1000	1000	1040	1010	102	99	75-125	2	20	
Barium	ug/L	231	1000	1000	1220J	1200J	99	97	75-125	2	20	
Beryllium	ug/L	ND	1000	1000	1000	990	100	99	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	1020	994	102	99	75-125	3	20	
Calcium	ug/L	749000	10000	10000	788000	742000	393	-70	75-125	6	20	M1
Chromium	ug/L	ND	1000	1000	1020	1010	102	101	75-125	1	20	
Cobalt	ug/L	ND	1000	1000	980	949	98	95	75-125	3	20	
Copper	ug/L	ND	1000	1000	1030	1010	100	97	75-125	2	20	
Iron	ug/L	1150	10000	10000	10900	10800	97	96	75-125	1	20	
Lead	ug/L	ND	1000	1000	980	961	97	95	75-125	2	20	
Magnesium	ug/L	251000	10000	10000	279000	262000	283	109	75-125	6	20	M1
Manganese	ug/L	74.6	1000	1000	1050	1020	98	95	75-125	3	20	
Molybdenum	ug/L	ND	1000	1000	1050	1020	98	94	75-125	3	20	
Nickel	ug/L	ND	1000	1000	1010	985	100	97	75-125	3	20	
Potassium	ug/L	7900	10000	10000	19500J	18600J	116	107	75-125	4	20	
Selenium	ug/L	ND	1000	1000	981	975	98	97	75-125	1	20	
Silver	ug/L	ND	500	500	492	482	98	96	75-125	2	20	
Sodium	ug/L	3860000	10000	10000	3730000	3650000	-1270	-2090	75-125	2	20	M1
Strontium	ug/L	9930	1000	1000	11300	10600	137	66	75-125	6	20	M1
Thallium	ug/L	ND	1000	1000	927	906	92	90	75-125	2	20	
Tin	ug/L	ND	1000	1000	1000	974	100	97	75-125	3	20	
Titanium	ug/L	ND	1000	1000	1020	996	101	99	75-125	3	20	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1458999 1459000

Parameter	Units	60179971001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vanadium	ug/L	ND	1000	1000	1020	998	102	99	75-125	3	20	
Zinc	ug/L	ND	1000	1000	1020	995	100	97	75-125	3	20	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

QC Batch: MSV/65056 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 7 day
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004, 60180084006

METHOD BLANK: 1459605 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004, 60180084006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/14/14 09:33	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/14/14 09:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/14/14 09:33	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/14/14 09:33	
1,1-Dichloroethane	ug/L	ND	1.0	10/14/14 09:33	
1,1-Dichloroethene	ug/L	ND	1.0	10/14/14 09:33	
1,1-Dichloropropene	ug/L	ND	1.0	10/14/14 09:33	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	10/14/14 09:33	
1,2,3-Trichloropropane	ug/L	ND	2.0	10/14/14 09:33	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	10/14/14 09:33	
1,2,4-Trimethylbenzene	ug/L	ND	2.0	10/14/14 09:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	10/14/14 09:33	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/14/14 09:33	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/14/14 09:33	
1,2-Dichloroethane	ug/L	ND	1.0	10/14/14 09:33	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	10/14/14 09:33	
1,2-Dichloropropane	ug/L	ND	1.0	10/14/14 09:33	
1,3,5-Trimethylbenzene	ug/L	ND	2.0	10/14/14 09:33	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/14/14 09:33	
1,3-Dichloropropane	ug/L	ND	1.0	10/14/14 09:33	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/14/14 09:33	
1,4-Dioxane (p-Dioxane)	ug/L	ND	100	10/14/14 09:33	
2,2-Dichloropropane	ug/L	ND	1.0	10/14/14 09:33	
2-Butanone (MEK)	ug/L	ND	5.0	10/14/14 09:33	
2-Chloroethylvinyl ether	ug/L	ND	5.0	10/14/14 09:33	
2-Chlorotoluene	ug/L	ND	1.0	10/14/14 09:33	
2-Hexanone	ug/L	ND	10.0	10/14/14 09:33	
4-Chlorotoluene	ug/L	ND	1.0	10/14/14 09:33	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/14/14 09:33	
Acetone	ug/L	ND	25.0	10/14/14 09:33	
Acrolein	ug/L	ND	20.0	10/14/14 09:33	
Acrylonitrile	ug/L	ND	10.0	10/14/14 09:33	
Benzene	ug/L	ND	1.0	10/14/14 09:33	
Bromobenzene	ug/L	ND	1.0	10/14/14 09:33	
Bromochloromethane	ug/L	ND	1.0	10/14/14 09:33	
Bromodichloromethane	ug/L	ND	1.0	10/14/14 09:33	
Bromoform	ug/L	ND	1.0	10/14/14 09:33	
Bromomethane	ug/L	ND	2.0	10/14/14 09:33	
Carbon disulfide	ug/L	ND	2.0	10/14/14 09:33	
Carbon tetrachloride	ug/L	ND	1.0	10/14/14 09:33	
Chlorobenzene	ug/L	ND	1.0	10/14/14 09:33	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

METHOD BLANK: 1459605 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004, 60180084006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	ND	2.0	10/14/14 09:33	
Chloroform	ug/L	ND	1.0	10/14/14 09:33	
Chloromethane	ug/L	ND	1.0	10/14/14 09:33	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/14/14 09:33	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/14/14 09:33	
Dibromochloromethane	ug/L	ND	1.0	10/14/14 09:33	
Dibromomethane	ug/L	ND	2.0	10/14/14 09:33	
Dichlorodifluoromethane	ug/L	ND	2.0	10/14/14 09:33	
Ethylbenzene	ug/L	ND	1.0	10/14/14 09:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	10/14/14 09:33	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	10/14/14 09:33	
m&p-Xylene	ug/L	ND	2.0	10/14/14 09:33	
Methyl-tert-butyl ether	ug/L	ND	1.0	10/14/14 09:33	
Methylene chloride	ug/L	ND	5.0	10/14/14 09:33	
n-Butylbenzene	ug/L	ND	1.0	10/14/14 09:33	
n-Propylbenzene	ug/L	ND	1.0	10/14/14 09:33	
Naphthalene	ug/L	ND	5.0	10/14/14 09:33	
o-Xylene	ug/L	ND	1.0	10/14/14 09:33	
p-Isopropyltoluene	ug/L	ND	1.0	10/14/14 09:33	
sec-Butylbenzene	ug/L	ND	1.0	10/14/14 09:33	
Styrene	ug/L	ND	1.0	10/14/14 09:33	
tert-Butylbenzene	ug/L	ND	1.0	10/14/14 09:33	
Tetrachloroethene	ug/L	ND	1.0	10/14/14 09:33	
Toluene	ug/L	ND	1.0	10/14/14 09:33	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/14/14 09:33	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/14/14 09:33	
Trichloroethene	ug/L	ND	1.0	10/14/14 09:33	
Trichlorofluoromethane	ug/L	ND	2.0	10/14/14 09:33	
Vinyl acetate	ug/L	ND	10.0	10/14/14 09:33	
Vinyl chloride	ug/L	ND	1.0	10/14/14 09:33	
Xylene (Total)	ug/L	ND	3.0	10/14/14 09:33	
1,2-Dichloroethane-d4 (S)	%	104	80-120	10/14/14 09:33	
4-Bromofluorobenzene (S)	%	98	80-120	10/14/14 09:33	
Toluene-d8 (S)	%	102	80-120	10/14/14 09:33	

LABORATORY CONTROL SAMPLE: 1459606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	23.3	117	80-124	
1,1,1-Trichloroethane	ug/L	20	21.7	108	80-121	
1,1,2,2-Tetrachloroethane	ug/L	20	22.5	112	73-124	
1,1,2-Trichloroethane	ug/L	20	22.4	112	80-120	
1,1-Dichloroethane	ug/L	20	21.5	107	77-120	
1,1-Dichloroethene	ug/L	20	19.9	99	78-126	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

LABORATORY CONTROL SAMPLE: 1459606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloropropene	ug/L	20	20.0	100	80-120	
1,2,3-Trichlorobenzene	ug/L	20	22.7	114	75-130	
1,2,3-Trichloropropane	ug/L	20	22.7	114	76-127	
1,2,4-Trichlorobenzene	ug/L	20	21.9	109	79-124	
1,2,4-Trimethylbenzene	ug/L	20	21.4	107	80-122	
1,2-Dibromo-3-chloropropane	ug/L	20	21.7	109	68-131	
1,2-Dibromoethane (EDB)	ug/L	20	23.1	116	80-127	
1,2-Dichlorobenzene	ug/L	20	22.8	114	80-122	
1,2-Dichloroethane	ug/L	20	22.1	110	77-123	
1,2-Dichloroethene (Total)	ug/L	40	40.9	102	80-120	
1,2-Dichloropropane	ug/L	20	21.5	107	80-121	
1,3,5-Trimethylbenzene	ug/L	20	21.8	109	80-121	
1,3-Dichlorobenzene	ug/L	20	22.3	111	80-120	
1,3-Dichloropropane	ug/L	20	22.9	115	80-120	
1,4-Dichlorobenzene	ug/L	20	22.1	111	80-120	
1,4-Dioxane (p-Dioxane)	ug/L	100	132	132	44-160	
2,2-Dichloropropane	ug/L	20	23.7	119	50-137	
2-Butanone (MEK)	ug/L	100	111	111	52-145	
2-Chloroethylvinyl ether	ug/L	20	20.0	100	52-134	
2-Chlorotoluene	ug/L	20	22.3	112	80-120	
2-Hexanone	ug/L	100	115	115	57-139	
4-Chlorotoluene	ug/L	20	21.5	108	80-121	
4-Methyl-2-pentanone (MIBK)	ug/L	100	115	115	71-131	
Acetone	ug/L	100	106	106	32-155	
Acrolein	ug/L	200	150	75	17-160	
Acrylonitrile	ug/L	200	220	110	75-125	
Benzene	ug/L	20	21.2	106	80-120	
Bromobenzene	ug/L	20	21.9	109	80-120	
Bromochloromethane	ug/L	20	19.8	99	77-123	
Bromodichloromethane	ug/L	20	22.5	112	80-120	
Bromoform	ug/L	20	24.2	121	73-124	
Bromomethane	ug/L	20	17.2	86	31-144	
Carbon disulfide	ug/L	20	17.9	90	65-125	
Carbon tetrachloride	ug/L	20	22.4	112	78-128	
Chlorobenzene	ug/L	20	23.1	116	80-120	
Chloroethane	ug/L	20	18.9	94	55-137	
Chloroform	ug/L	20	21.4	107	79-120	
Chloromethane	ug/L	20	16.3	81	22-138	
cis-1,2-Dichloroethene	ug/L	20	20.5	102	80-120	
cis-1,3-Dichloropropene	ug/L	20	21.9	110	80-120	
Dibromochloromethane	ug/L	20	23.8	119	80-120	
Dibromomethane	ug/L	20	22.1	111	80-122	
Dichlorodifluoromethane	ug/L	20	12.5	62	23-120	
Ethylbenzene	ug/L	20	22.4	112	80-121	
Hexachloro-1,3-butadiene	ug/L	20	21.8	109	77-129	
Isopropylbenzene (Cumene)	ug/L	20	25.3	126	80-136	
m&p-Xylene	ug/L	40	46.6	117	80-122	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

LABORATORY CONTROL SAMPLE: 1459606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	20	21.2	106	74-125	
Methylene chloride	ug/L	20	20.1	100	73-126	
n-Butylbenzene	ug/L	20	22.9	115	83-123	
n-Propylbenzene	ug/L	20	21.1	106	80-122	
Naphthalene	ug/L	20	23.9	120	73-130	
o-Xylene	ug/L	20	22.6	113	80-120	
p-Isopropyltoluene	ug/L	20	22.1	110	80-124	
sec-Butylbenzene	ug/L	20	22.5	112	80-129	
Styrene	ug/L	20	23.5	118	80-120	
tert-Butylbenzene	ug/L	20	21.6	108	80-126	
Tetrachloroethene	ug/L	20	22.5	112	80-121	
Toluene	ug/L	20	21.8	109	80-122	
trans-1,2-Dichloroethene	ug/L	20	20.4	102	79-121	
trans-1,3-Dichloropropene	ug/L	20	24.1	121	80-127	
Trichloroethene	ug/L	20	20.4	102	80-120	
Trichlorofluoromethane	ug/L	20	19.6	98	67-120	
Vinyl acetate	ug/L	20	19.9	100	45-160	
Vinyl chloride	ug/L	20	16.8	84	59-120	
Xylene (Total)	ug/L	60	69.3	115	80-121	
1,2-Dichloroethane-d4 (S)	%			103	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			104	80-120	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

QC Batch: OEXT/4803 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

METHOD BLANK: 101016 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.010	10/13/14 17:34	
4,4'-DDE	ug/L	ND	0.010	10/13/14 17:34	
4,4'-DDT	ug/L	ND	0.010	10/13/14 17:34	
Aldrin	ug/L	ND	0.010	10/13/14 17:34	
alpha-BHC	ug/L	ND	0.010	10/13/14 17:34	
alpha-Chlordane	ug/L	ND	0.010	10/13/14 17:34	
beta-BHC	ug/L	ND	0.010	10/13/14 17:34	
Chlordane (Technical)	ug/L	ND	0.10	10/13/14 17:34	
delta-BHC	ug/L	ND	0.010	10/13/14 17:34	
Dieldrin	ug/L	ND	0.010	10/13/14 17:34	
Endosulfan I	ug/L	ND	0.010	10/13/14 17:34	
Endosulfan II	ug/L	ND	0.010	10/13/14 17:34	
Endosulfan sulfate	ug/L	ND	0.010	10/13/14 17:34	
Endrin	ug/L	ND	0.010	10/13/14 17:34	
Endrin aldehyde	ug/L	ND	0.010	10/13/14 17:34	
Endrin ketone	ug/L	ND	0.010	10/13/14 17:34	
gamma-BHC (Lindane)	ug/L	ND	0.010	10/13/14 17:34	
gamma-Chlordane	ug/L	ND	0.010	10/13/14 17:34	
Heptachlor	ug/L	ND	0.010	10/13/14 17:34	
Heptachlor epoxide	ug/L	ND	0.010	10/13/14 17:34	
Methoxychlor	ug/L	ND	0.010	10/13/14 17:34	
Toxaphene	ug/L	ND	0.30	10/13/14 17:34	
Decachlorobiphenyl (S)	%.	70	40-140	10/13/14 17:34	
Tetrachloro-m-xylene (S)	%.	76	40-140	10/13/14 17:34	

LABORATORY CONTROL SAMPLE: 101017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	1	0.82	82	40-140	
4,4'-DDE	ug/L	1	0.92	92	40-140	
4,4'-DDT	ug/L	1	0.86	86	10-147	
Aldrin	ug/L	1	0.77	77	40-140	
alpha-BHC	ug/L	1	0.97	97	40-140	
alpha-Chlordane	ug/L	1	0.96	96	40-140	
beta-BHC	ug/L	1	0.98	98	40-140	
Chlordane (Technical)	ug/L		ND			
delta-BHC	ug/L	1	0.94	94	40-140	
Dieldrin	ug/L	1	0.99	99	40-140	
Endosulfan I	ug/L	1	0.92	92	40-140	
Endosulfan II	ug/L	1	0.99	99	40-140	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

LABORATORY CONTROL SAMPLE: 101017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endosulfan sulfate	ug/L	1	1.0	100	40-155	
Endrin	ug/L	1	0.94	94	40-145	
Endrin aldehyde	ug/L	1	0.93	93	40-140	
Endrin ketone	ug/L	1	0.86	86	40-140	
gamma-BHC (Lindane)	ug/L	1	0.94	94	40-140	
gamma-Chlordane	ug/L	1	0.91	91	40-140	
Heptachlor	ug/L	1	0.72	72	40-140	
Heptachlor epoxide	ug/L	1	0.96	96	40-140	
Methoxychlor	ug/L	1	0.88	88	10-157	
Toxaphene	ug/L		ND			
Decachlorobiphenyl (S)	%.			70	40-140	
Tetrachloro-m-xylene (S)	%.			63	40-140	

MATRIX SPIKE SAMPLE: 101018

Parameter	Units	60180084002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	ND	1	0.92	92	40-140	
4,4'-DDE	ug/L	ND	1	0.67	67	40-140	
4,4'-DDT	ug/L	ND	1	0.71	71	40-140	
Aldrin	ug/L	ND	1	0.72	72	40-140	
alpha-BHC	ug/L	ND	1	0.89	89	40-140	
alpha-Chlordane	ug/L	ND	1	0.78	78	40-140	
beta-BHC	ug/L	ND	1	0.83	83	40-140	
Chlordane (Technical)	ug/L	ND		ND			
delta-BHC	ug/L	ND	1	0.67	67	40-140	
Dieldrin	ug/L	ND	1	0.76	76	40-140	
Endosulfan I	ug/L	ND	1	0.74	74	40-140	
Endosulfan II	ug/L	ND	1	0.78	78	40-140	
Endosulfan sulfate	ug/L	ND	1	0.78	78	40-140	
Endrin	ug/L	ND	1	0.89	89	40-140	
Endrin aldehyde	ug/L	ND	1	0.74	74	40-140	
Endrin ketone	ug/L	ND	1	0.63	63	40-140	
gamma-BHC (Lindane)	ug/L	ND	1	0.76	76	40-140	
gamma-Chlordane	ug/L	ND	1	0.75	75	40-140	
Heptachlor	ug/L	ND	1	0.67	67	40-140	
Heptachlor epoxide	ug/L	ND	1	0.83	83	40-140	
Methoxychlor	ug/L	ND	1	1.2	119	40-140	
Toxaphene	ug/L	ND		ND			
Decachlorobiphenyl (S)	%.				65	40-140	
Tetrachloro-m-xylene (S)	%.				59	40-140	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

QC Batch: OEXT/46602 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

METHOD BLANK: 1458821 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	10/13/14 14:54	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	10/13/14 14:54	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	10/13/14 14:54	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	10/13/14 14:54	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	10/13/14 14:54	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	10/13/14 14:54	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	10/13/14 14:54	
Decachlorobiphenyl (S)	%	83	15-115	10/13/14 14:54	

LABORATORY CONTROL SAMPLE: 1458822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	5.2	104	48-124	
PCB-1260 (Aroclor 1260)	ug/L	5	5.0	100	48-125	
Decachlorobiphenyl (S)	%			90	15-115	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

QC Batch: OEXT/4804 — Analysis Method: EPA 8151
QC Batch Method: EPA 8151 — Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

METHOD BLANK: 101019 — Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	0.50	10/14/14 10:46	
2,4,5-TP (Silvex)	ug/L	ND	0.50	10/14/14 10:46	
2,4-D	ug/L	ND	0.50	10/14/14 10:46	
2,4-DB	ug/L	ND	0.50	10/14/14 10:46	
Dalapon	ug/L	ND	0.50	10/14/14 10:46	
Dicamba	ug/L	ND	0.50	10/14/14 10:46	
Dichloroprop	ug/L	ND	0.50	10/14/14 10:46	
Dinoseb	ug/L	ND	0.50	10/14/14 10:46	N2
MCPA	ug/L	ND	20.0	10/14/14 10:46	
MCPP	ug/L	ND	20.0	10/14/14 10:46	
2,4-DCAA (S)	%.	123	40-140	10/14/14 10:46	

LABORATORY CONTROL SAMPLE: 101020

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	2	1.7	84	10-140	
2,4,5-TP (Silvex)	ug/L	2	2.2	112	10-140	
2,4-D	ug/L	2	2.4	120	40-140	
2,4-DB	ug/L	2	2.0	100	40-140	
Dalapon	ug/L	2	0.82	41	10-140	
Dicamba	ug/L	2	2.2	108	40-140	
Dichloroprop	ug/L	2	2.5	126	40-140	
Dinoseb	ug/L	2	2.6	132	10-140	N2
MCPA	ug/L	200	268	134	10-140	
MCPP	ug/L	200	250	125	40-140	
2,4-DCAA (S)	%.			123	40-140	

MATRIX SPIKE SAMPLE: 101021

Parameter	Units	60180084001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	ND	2	1.9	94	10-140	
2,4,5-TP (Silvex)	ug/L	ND	2	2.3	115	10-140	
2,4-D	ug/L	1.1	2	3.2	107	40-140	
2,4-DB	ug/L	ND	2	2.6	129	40-140	
Dalapon	ug/L	ND	2	1.2	60	10-140	
Dicamba	ug/L	ND	2	2.1	103	40-140	
Dichloroprop	ug/L	ND	2	2.6	128	40-140	
Dinoseb	ug/L	ND	2	2.4	121	10-140	N2

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

MATRIX SPIKE SAMPLE: 101021

Parameter	Units	60180084001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
MCPA	ug/L	ND	200	305	152	10-140	M1
MCPP	ug/L	ND	200	478	239	40-140	M1
2,4-DCAA (S)	%.				124	40-140	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

QC Batch: OEXT/46601 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

METHOD BLANK: 1458819 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	10/13/14 16:37	
1,2-Dichlorobenzene	ug/L	ND	5.0	10/13/14 16:37	
1,2-Diphenylhydrazine	ug/L	ND	5.0	10/13/14 16:37	
1,3-Dichlorobenzene	ug/L	ND	5.0	10/13/14 16:37	
1,4-Dichlorobenzene	ug/L	ND	5.0	10/13/14 16:37	
1-Methylnaphthalene	ug/L	ND	5.0	10/13/14 16:37	
2,4,5-Trichlorophenol	ug/L	ND	5.0	10/13/14 16:37	
2,4,6-Trichlorophenol	ug/L	ND	5.0	10/13/14 16:37	
2,4-Dichlorophenol	ug/L	ND	5.0	10/13/14 16:37	
2,4-Dimethylphenol	ug/L	ND	5.0	10/13/14 16:37	
2,4-Dinitrophenol	ug/L	ND	25.0	10/13/14 16:37	
2,4-Dinitrotoluene	ug/L	ND	5.0	10/13/14 16:37	
2,6-Dinitrotoluene	ug/L	ND	5.0	10/13/14 16:37	
2-Chloronaphthalene	ug/L	ND	5.0	10/13/14 16:37	
2-Chlorophenol	ug/L	ND	5.0	10/13/14 16:37	
2-Methylnaphthalene	ug/L	ND	5.0	10/13/14 16:37	
2-Methylphenol(o-Cresol)	ug/L	ND	5.0	10/13/14 16:37	
2-Nitroaniline	ug/L	ND	5.0	10/13/14 16:37	
2-Nitrophenol	ug/L	ND	5.0	10/13/14 16:37	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5.0	10/13/14 16:37	
3,3'-Dichlorobenzidine	ug/L	ND	10.0	10/13/14 16:37	
3-Nitroaniline	ug/L	ND	5.0	10/13/14 16:37	
4,6-Dinitro-2-methylphenol	ug/L	ND	10.0	10/13/14 16:37	
4-Bromophenylphenyl ether	ug/L	ND	5.0	10/13/14 16:37	
4-Chloro-3-methylphenol	ug/L	ND	5.0	10/13/14 16:37	
4-Chloroaniline	ug/L	ND	5.0	10/13/14 16:37	
4-Chlorophenylphenyl ether	ug/L	ND	5.0	10/13/14 16:37	
4-Nitroaniline	ug/L	ND	5.0	10/13/14 16:37	
4-Nitrophenol	ug/L	ND	25.0	10/13/14 16:37	
Acenaphthene	ug/L	ND	5.0	10/13/14 16:37	
Acenaphthylene	ug/L	ND	5.0	10/13/14 16:37	
Aniline	ug/L	ND	5.0	10/13/14 16:37	
Anthracene	ug/L	ND	5.0	10/13/14 16:37	
Benzidine	ug/L	ND	25.0	10/13/14 16:37	
Benzo(a)anthracene	ug/L	ND	5.0	10/13/14 16:37	
Benzo(a)pyrene	ug/L	ND	5.0	10/13/14 16:37	
Benzo(b)fluoranthene	ug/L	ND	5.0	10/13/14 16:37	
Benzo(g,h,i)perylene	ug/L	ND	5.0	10/13/14 16:37	
Benzo(k)fluoranthene	ug/L	ND	5.0	10/13/14 16:37	
Benzoic acid	ug/L	ND	50.0	10/13/14 16:37	
Benzyl alcohol	ug/L	ND	5.0	10/13/14 16:37	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

METHOD BLANK: 1458819 Matrix: Water
Associated Lab Samples: 60180084001, 60180084002, 60180084003, 60180084004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethoxy)methane	ug/L	ND	5.0	10/13/14 16:37	
bis(2-Chloroethyl) ether	ug/L	ND	5.0	10/13/14 16:37	
bis(2-Chloroisopropyl) ether	ug/L	ND	5.0	10/13/14 16:37	
bis(2-Ethylhexyl)phthalate	ug/L	ND	5.0	10/13/14 16:37	
Butylbenzylphthalate	ug/L	ND	5.0	10/13/14 16:37	
Carbazole	ug/L	ND	5.0	10/13/14 16:37	
Chrysene	ug/L	ND	5.0	10/13/14 16:37	
Di-n-butylphthalate	ug/L	ND	5.0	10/13/14 16:37	
Di-n-octylphthalate	ug/L	ND	5.0	10/13/14 16:37	
Dibenz(a,h)anthracene	ug/L	ND	5.0	10/13/14 16:37	
Dibenzofuran	ug/L	ND	5.0	10/13/14 16:37	
Diethylphthalate	ug/L	ND	5.0	10/13/14 16:37	
Dimethylphthalate	ug/L	ND	5.0	10/13/14 16:37	
Fluoranthene	ug/L	ND	5.0	10/13/14 16:37	
Fluorene	ug/L	ND	5.0	10/13/14 16:37	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	10/13/14 16:37	
Hexachlorobenzene	ug/L	ND	5.0	10/13/14 16:37	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/13/14 16:37	
Hexachloroethane	ug/L	ND	5.0	10/13/14 16:37	
Indeno(1,2,3-cd)pyrene	ug/L	ND	5.0	10/13/14 16:37	
Isophorone	ug/L	ND	5.0	10/13/14 16:37	
N-Nitroso-di-n-propylamine	ug/L	ND	5.0	10/13/14 16:37	
N-Nitrosodimethylamine	ug/L	ND	5.0	10/13/14 16:37	
N-Nitrosodiphenylamine	ug/L	ND	5.0	10/13/14 16:37	
Naphthalene	ug/L	ND	5.0	10/13/14 16:37	
Nitrobenzene	ug/L	ND	5.0	10/13/14 16:37	
Pentachlorophenol	ug/L	ND	25.0	10/13/14 16:37	
Phenanthrene	ug/L	ND	5.0	10/13/14 16:37	
Phenol	ug/L	ND	5.0	10/13/14 16:37	
Pyrene	ug/L	ND	5.0	10/13/14 16:37	
Pyridine	ug/L	ND	10.0	10/13/14 16:37	
2,4,6-Tribromophenol (S)	%	78	29-121	10/13/14 16:37	
2-Fluorobiphenyl (S)	%	79	19-124	10/13/14 16:37	
2-Fluorophenol (S)	%	49	13-120	10/13/14 16:37	
Nitrobenzene-d5 (S)	%	84	10-135	10/13/14 16:37	
Phenol-d6 (S)	%	32	10-120	10/13/14 16:37	
Terphenyl-d14 (S)	%	86	24-131	10/13/14 16:37	

LABORATORY CONTROL SAMPLE: 1458820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	34.1	68	45-120	
1,2-Dichlorobenzene	ug/L	50	34.8	70	45-120	
1,2-Diphenylhydrazine	ug/L	50	40.4	81	49-120	

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QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

LABORATORY CONTROL SAMPLE: 1458820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	33.9	68	44-120	
1,4-Dichlorobenzene	ug/L	50	34.6	69	44-120	
1-Methylnaphthalene	ug/L	50	37.3	75	41-120	
2,4,5-Trichlorophenol	ug/L	50	38.4	77	50-120	
2,4,6-Trichlorophenol	ug/L	50	38.4	77	49-120	
2,4-Dichlorophenol	ug/L	50	37.6	75	48-120	
2,4-Dimethylphenol	ug/L	50	36.5	73	35-120	
2,4-Dinitrophenol	ug/L	50	32.1	64	21-120	
2,4-Dinitrotoluene	ug/L	50	40.4	81	52-120	
2,6-Dinitrotoluene	ug/L	50	39.2	78	53-120	
2-Chloronaphthalene	ug/L	50	37.4	75	49-120	
2-Chlorophenol	ug/L	50	34.9	70	47-120	
2-Methylnaphthalene	ug/L	50	37.3	75	46-120	
2-Methylphenol(o-Cresol)	ug/L	50	32.4	65	40-120	
2-Nitroaniline	ug/L	50	42.9	86	51-120	
2-Nitrophenol	ug/L	50	39.0	78	47-120	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.1	60	34-120	
3,3'-Dichlorobenzidine	ug/L	50	39.8	80	28-160	
3-Nitroaniline	ug/L	50	40.0	80	43-157	
4,6-Dinitro-2-methylphenol	ug/L	50	34.3	69	42-120	
4-Bromophenylphenyl ether	ug/L	50	36.6	73	52-120	
4-Chloro-3-methylphenol	ug/L	50	38.9	78	48-120	
4-Chloroaniline	ug/L	50	36.4	73	24-160	
4-Chlorophenylphenyl ether	ug/L	50	37.9	76	53-120	
4-Nitroaniline	ug/L	50	40.2	80	50-120	
4-Nitrophenol	ug/L	50	17.5J	35	10-120	
Acenaphthene	ug/L	50	39.0	78	50-120	
Acenaphthylene	ug/L	50	38.7	77	49-120	
Aniline	ug/L	50	29.2	58	50-150	
Anthracene	ug/L	50	39.2	78	52-120	
Benzidine	ug/L	50	7.3J	15	1-143	
Benzo(a)anthracene	ug/L	50	41.0	82	53-120	
Benzo(a)pyrene	ug/L	50	40.5	81	51-120	
Benzo(b)fluoranthene	ug/L	50	42.0	84	51-120	
Benzo(g,h,i)perylene	ug/L	50	37.4	75	52-120	
Benzo(k)fluoranthene	ug/L	50	38.5	77	51-120	
Benzoic acid	ug/L	50	ND	33	10-120	
Benzyl alcohol	ug/L	50	32.1	64	39-120	
bis(2-Chloroethoxy)methane	ug/L	50	37.5	75	50-120	
bis(2-Chloroethyl) ether	ug/L	50	37.5	75	48-120	
bis(2-Chloroisopropyl) ether	ug/L	50	37.5	75	49-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	46.4	93	52-123	
Butylbenzylphthalate	ug/L	50	45.8	92	52-120	
Carbazole	ug/L	50	38.6	77	55-120	
Chrysene	ug/L	50	39.2	78	53-120	
Di-n-butylphthalate	ug/L	50	42.0	84	49-125	
Di-n-octylphthalate	ug/L	50	50.0	100	51-121	

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.

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

QUALITY CONTROL DATA

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

LABORATORY CONTROL SAMPLE: 1458820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenz(a,h)anthracene	ug/L	50	38.6	77	51-120	
Dibenzofuran	ug/L	50	38.1	76	51-120	
Diethylphthalate	ug/L	50	39.7	79	53-120	
Dimethylphthalate	ug/L	50	38.7	77	52-120	
Fluoranthene	ug/L	50	39.0	78	53-120	
Fluorene	ug/L	50	39.1	78	52-120	
Hexachloro-1,3-butadiene	ug/L	50	33.5	67	42-120	
Hexachlorobenzene	ug/L	50	34.8	70	52-120	
Hexachlorocyclopentadiene	ug/L	100	33.8	34	26-120	
Hexachloroethane	ug/L	50	33.9	68	43-120	
Indeno(1,2,3-cd)pyrene	ug/L	50	39.0	78	51-120	
Isophorone	ug/L	50	38.2	76	50-120	
N-Nitroso-di-n-propylamine	ug/L	50	37.9	76	50-120	
N-Nitrosodimethylamine	ug/L	50	25.3	51	28-120	
N-Nitrosodiphenylamine	ug/L	50	39.7	79	53-120	
Naphthalene	ug/L	50	36.6	73	48-120	
Nitrobenzene	ug/L	50	38.2	76	47-120	
Pentachlorophenol	ug/L	50	38.1	76	43-120	
Phenanthrene	ug/L	50	38.8	78	53-120	
Phenol	ug/L	50	16.6	33	12-120	
Pyrene	ug/L	50	42.0	84	54-120	
Pyridine	ug/L	50	15.5	31	10-120	
2,4,6-Tribromophenol (S)	%			74	29-121	
2-Fluorobiphenyl (S)	%			75	19-124	
2-Fluorophenol (S)	%			43	13-120	
Nitrobenzene-d5 (S)	%			78	10-135	
Phenol-d6 (S)	%			29	10-120	
Terphenyl-d14 (S)	%			82	24-131	

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(913)599-5665

QUALIFIERS

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

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 (8270 listed analyte) decomposes to Azobenzene.

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: OEXT/46601

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

Batch: OEXT/46602

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

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold TNI accreditation for this parameter.
S0	Surrogate recovery outside laboratory control limits.

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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CLEAN HARBORS-WICHITA KS
Pace Project No.: 60180084

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60180084001	**BLD C BAY 4**	EPA 3510	OEXT/4803	EPA 8081	GCSV/3055
60180084002	**BLD C BAY 3**	EPA 3510	OEXT/4803	EPA 8081	GCSV/3055
60180084003	**BLD C BAY 2**	EPA 3510	OEXT/4803	EPA 8081	GCSV/3055
60180084004	**BLD C BAY 1**	EPA 3510	OEXT/4803	EPA 8081	GCSV/3055
60180084001	**BLD C BAY 4**	EPA 3510	OEXT/46602	EPA 8082	GCSV/17774
60180084002	**BLD C BAY 3**	EPA 3510	OEXT/46602	EPA 8082	GCSV/17774
60180084003	**BLD C BAY 2**	EPA 3510	OEXT/46602	EPA 8082	GCSV/17774
60180084004	**BLD C BAY 1**	EPA 3510	OEXT/46602	EPA 8082	GCSV/17774
60180084001	**BLD C BAY 4**	EPA 8151	OEXT/4804	EPA 8151	GCSV/3056
60180084002	**BLD C BAY 3**	EPA 8151	OEXT/4804	EPA 8151	GCSV/3056
60180084003	**BLD C BAY 2**	EPA 8151	OEXT/4804	EPA 8151	GCSV/3056
60180084004	**BLD C BAY 1**	EPA 8151	OEXT/4804	EPA 8151	GCSV/3056
60180084001	**BLD C BAY 4**	EPA 3010	MPRP/29285	EPA 6010	ICP/22017
60180084002	**BLD C BAY 3**	EPA 3010	MPRP/29285	EPA 6010	ICP/22017
60180084003	**BLD C BAY 2**	EPA 3010	MPRP/29285	EPA 6010	ICP/22017
60180084004	**BLD C BAY 1**	EPA 3010	MPRP/29285	EPA 6010	ICP/22017
60180084001	**BLD C BAY 4**	EPA 7470	MERP/8901	EPA 7470	MERC/8856
60180084002	**BLD C BAY 3**	EPA 7470	MERP/8901	EPA 7470	MERC/8856
60180084003	**BLD C BAY 2**	EPA 7470	MERP/8901	EPA 7470	MERC/8856
60180084004	**BLD C BAY 1**	EPA 7470	MERP/8901	EPA 7470	MERC/8856
60180084001	**BLD C BAY 4**	EPA 3510	OEXT/46601	EPA 8270	MSSV/14981
60180084002	**BLD C BAY 3**	EPA 3510	OEXT/46601	EPA 8270	MSSV/14981
60180084003	**BLD C BAY 2**	EPA 3510	OEXT/46601	EPA 8270	MSSV/14981
60180084004	**BLD C BAY 1**	EPA 3510	OEXT/46601	EPA 8270	MSSV/14981
60180084001	**BLD C BAY 4**	EPA 5030B/8260	MSV/65056		
60180084002	**BLD C BAY 3**	EPA 5030B/8260	MSV/65056		
60180084003	**BLD C BAY 2**	EPA 5030B/8260	MSV/65056		
60180084004	**BLD C BAY 1**	EPA 5030B/8260	MSV/65056		
60180084006	**TRIP BLANK**	EPA 5030B/8260	MSV/65056		

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Sample Condition Upon Receipt

WO#: 60180084

60180084

Optional
Proj Due Date:
Proj Name:

Client Name: ISI

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

Tracking #: 8215 6493 7300 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 ☒ 2 PLC

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

Cooler Temperature: 3.6 1.6 4.4

Temperature should be above freezing to 6°C

Date and initials of person examining contents: 10/10/14

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.
Rush Turn Around Time requested:	☒Yes	☐No	☐N/A	7. 48 hr
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	JS 10/14 ☒Yes	☐No		Initial when completed / Lot # of added preservative
Trip Blank present:	☒Yes	☐No	☐N/A	
Pace Trip Blank lot # (if purchased): 8/5/14				15.
Headspace in VOA vials (>6mm):	☐Yes	☒No	☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes	☐No	☒N/A	17. List State:

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] Date: 10/14

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

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: 48 hr

Section B Required Project Information:

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

Section C Invoice Information:

Attention:
Company Name: Clean Harbors
Address:
Pace Quote Reference:
Pace Project Manager: Sherri Rosenstangle
Pace Profile #: 7739.1

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	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED 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	8082 PCB's	8081 Pesticides	8151 Herbicides	6010/7470 Metals*	Dioxins/Furans	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 60180084
1	Bld C Bay 4	WT	G			10-10-14	1030		12	X		X	X					X	X	X	X	X	X			N	(9) AGIU BP3N (3) DG9U
2	Bld C Bay 3	WT	G			10-10-14	1045		12	X		X	X					X	X	X	X	X	X				
3	Bld C Bay 2	WT	G			10-10-14	1315		12	X		X	X					X	X	X	X	X	X				
4	Bld C Bay 1	WT	G			10-10-14	1345		12	X		X	X					X	X	X	X	X	X				
5	Bld C Bay 1-4	WT	C			10-10-14	1400		2	X														X			(2) AGIU
6	Trip Blank																	X									(2) DG9U
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Metals List on File	Brady Gerber / iSi	10/10/14	1800	[signature] Pace	10/11	0910	3.6	Y	Y	Y
							1.6	Y	Y	Y
							4.4	Y	Y	Y

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brady Gerber / Stuart Klaus

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/10/14

*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

Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

www.pacelabs.com

Report Prepared for:

Sherri Rosenstangle
PASI Kansas
9608 Loiret Blvd.
Lenexa KS 66219

REPORT OF LABORATORY ANALYSIS FOR PCDD/PCDF

Report Prepared Date:

October 17, 2014

Report Information:

Pace Project #: 10285051
Sample Receipt Date: 10/14/2014
Client Project #: 60180084
Client Sub PO #: N/A
State Cert #: E-10167

Invoicing & Reporting Options:

The report provided has been invoiced as a Level 2 PCDD/PCDF Report. If an upgrade of this report package is requested, an additional charge may be applied.

Please review the attached invoice for accuracy and forward any questions to Scott Unze, your Pace Project Manager.

This report has been reviewed by:

October 17, 2014
Nathan Boberg, Project Manager

(612) 607-6444 (fax)
nate.boberg@pacelabs.com

ACCREDITED IN ACCORDANCE WITH nelac

Report of Laboratory Analysis

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The results relate only to the samples included in this report.

Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

DISCUSSION

This report presents the results from the analysis performed on one sample submitted by a representative of Pace Analytical Services, Inc. The sample was analyzed for the presence or absence of polychlorodibenzo-p-dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) using USEPA Method 1613B. The reporting limits were set to correspond to the lowest calibration points and a nominal 1-Liter sample amount. Estimated Maximum Possible Concentration (EMPC) values were treated as positives in the toxic equivalence calculations.

The recoveries of the isotopically-labeled PCDD/PCDF internal standards in the sample extract ranged from 68-93%. All of the labeled standard recoveries obtained for this project were within the target ranges specified in Method 1613B. Also, since the quantification of the native 2,3,7,8-substituted congeners was based on isotope dilution, the data were automatically corrected for recovery and accurate values were obtained.

In one case, an interfering substance impacted the determination of a PCDF congener. The affected value was flagged "I" due to an incorrect isotope ratio.

A laboratory method blank was prepared and analyzed with the sample batch as part of our routine quality control procedures. The results show that PCDDs and PCDFs were not detected at the reporting limits. These results indicate that the sample processing steps did not contribute significantly to the levels reported for the field sample.

A laboratory spike sample was also prepared with the sample batch using clean water that had been fortified with native standard materials. The results show that the spiked native compounds were recovered at 90-123%, indicating a high degree of accuracy for these determinations. Matrix spikes were prepared with the sample batch using sample material from a separate project; results from these analyses will be provided upon request.

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Minnesota Laboratory Certifications

Authority	Certificate #	Authority	Certificate #
A2LA	2926.01	Mississippi	MN00064
Alabama	40770	Montana	92
Alaska	MN00064	Nebraska	
Arizona	AZ0014	Nevada	MN_00064_200
Arkansas	88-0680	New Jersey (NE	MN002
California	01155CA	New York (NEL	11647
Colorado	MN00064	North Carolina	27700
Connecticut	PH-0256	North Dakota	R-036
EPA Region 8	8TMS-Q	Ohio	4150
Florida (NELAP	E87605	Oklahoma	D9922
Georgia (DNR)	959	Oregon (ELAP)	MN200001-005
Guam	959	Oregon (OREL	MN300001-001
Hawaii	SLD	Pennsylvania	68-00563
Idaho	MN00064	Puerto Rico	MN00064
Illinois	200012	Saipan	MP0003
Indiana	C-MN-01	South Carolina	74003001
Indiana	C-MN-01	Tennessee	TN02818
Iowa	368	Texas	T104704192-08
Kansas	E-10167	Utah (NELAP)	MN00064
Kentucky	90062	Virginia	00251
Louisiana	03086	Washington	C755
Maine	2007029	West Virginia	9952C
Maryland	322	Wisconsin	999407970
Michigan	9909	Wyoming	8TMS-Q
Minnesota	027-053-137		

REPORT OF LABORATORY ANALYSIS

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Report No.....10285051

Appendix A

Sample Management

Chain of Custody

RUSH 10/14/14

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10285051

Workorder: 60180084 **Workorder Name:** CLEAN HARBORS-WICHITA KS **Owner Received Date:** 10/11/2014 **Results Requested By:** 10/14/2014

Report To

Sherri Rosenstangle
Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Phone (913)599-5665
Fax (913)599-1759

Subcontract To

Pace Analytical Minnesota
1700 Elm Street
Suite 200
Minneapolis, MN 55414
Phone (612)607-1700

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: none	Requested Analysis: Dioxins/Furans	LAB USE ONLY
1	BLD C BAY 1-4	PS	10/10/2014 14:00	60180084005	Water	2	X	001
2								
3								
4								
5								

Transfers	Released By	Date/Time	Received By	Date/Time
1	[signature] / PGE	10/13/14 1400	[signature]	10/14/14 1130
2				
3				

Comments

3 day TAT

Cooler Temperature on Receipt 4.4 °C **Custody Seal** (Y) or N **Received on Ice** (Y) or N **Samples Intact** (Y) or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.*
This chain of custody is considered complete as is since this information is available in the owner laboratory.

Pace Analytical®	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 28Feb2014 Page 1 of 1
	Document No.: **F-MN-L-213-rev.09**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: Pace Kansas

Project #: WO#: 10285051

10285051

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

Tracking Number: 6113 5281 9867

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☐ Yes ☒ No

Thermom. Used: ☐ B88A9130516413 ☐ B88A912167504 ☐ B88A9132521491 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 4.4 **Cooler Temp Corrected (°C):** 4.8 **Biological Tissue Frozen?** ☐ Yes ☐ No ☒ N/A

Temp should be above freezing to 6°C **Correction Factor:** +0.4 **Date and Initials of Person Examining Contents:**

				Comments:
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 and/or Signature on COC?	☐ Yes	☒ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☒ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☒ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☒ N/A	Sample #
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☐ Yes	☒ No		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☒ N/A	14.
Trip Blank Present?	☐ Yes	☐ No	☒ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 10/14/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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Reporting Flags

A = Reporting Limit based on signal to noise

B = Less than 10x higher than method blank level

C = Result obtained from confirmation analysis

D = Result obtained from analysis of diluted sample

E = Exceeds calibration range

I = Interference present

J = Estimated value

Nn = Value obtained from additional analysis

P = PCDE Interference

R = Recovery outside target range

S = Peak saturated

U = Analyte not detected

V = Result verified by confirmation analysis

X = %D Exceeds limits

Y = Calculated using average of daily RFs

* = See Discussion

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Appendix B

Sample Analysis Summary

Pace Analytical Services, Inc.
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Method 1613B Sample Analysis Results

Client - PASI Kansas

Client's Sample ID	BLD C BAY 1-4			
Lab Sample ID	60180084005			
Filename	F141017A_14			
Injected By	CVS			
Total Amount Extracted	944 mL	Matrix	Water	
% Moisture	NA	Dilution	NA	
Dry Weight Extracted	NA	Collected	10/10/2014	14:00
ICAL ID	F141016	Received	10/14/2014	09:30
CCal Filename(s)	F141016A_20	Extracted	10/15/2014	17:30
Method Blank ID	BLANK-42356	Analyzed	10/17/2014	11:58

Native Isomers	**Conc** pg/L	**EMPC** pg/L	**RL** pg/L		**Internal Standards**	**ng's Added**	**Percent Recovery**
2,3,7,8-TCDF	ND	-----	10		2,3,7,8-TCDF-13C	2.00	86
Total TCDF	ND	-----	10		2,3,7,8-TCDD-13C	2.00	93
					1,2,3,7,8-PeCDF-13C	2.00	90
2,3,7,8-TCDD	ND	-----	10		2,3,4,7,8-PeCDF-13C	2.00	87
Total TCDD	ND	-----	10		1,2,3,7,8-PeCDD-13C	2.00	93
					1,2,3,4,7,8-HxCDF-13C	2.00	81
1,2,3,7,8-PeCDF	ND	-----	50		1,2,3,6,7,8-HxCDF-13C	2.00	75
2,3,4,7,8-PeCDF	ND	-----	50		2,3,4,6,7,8-HxCDF-13C	2.00	82
Total PeCDF	ND	-----	50		1,2,3,7,8,9-HxCDF-13C	2.00	84
					1,2,3,4,7,8-HxCDD-13C	2.00	78
1,2,3,7,8-PeCDD	ND	-----	50		1,2,3,6,7,8-HxCDD-13C	2.00	68
Total PeCDD	ND	-----	50		1,2,3,4,6,7,8-HpCDF-13C	2.00	68
					1,2,3,4,7,8,9-HpCDF-13C	2.00	77
1,2,3,4,7,8-HxCDF	ND	-----	50		1,2,3,4,6,7,8-HpCDD-13C	2.00	70
1,2,3,6,7,8-HxCDF	ND	-----	50		OCDD-13C	4.00	75
2,3,4,6,7,8-HxCDF	ND	-----	50				
1,2,3,7,8,9-HxCDF	ND	-----	50		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	310	-----	50		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	-----	50		2,3,7,8-TCDD-37Cl4	0.20	94
1,2,3,6,7,8-HxCDD	ND	-----	50				
1,2,3,7,8,9-HxCDD	ND	-----	50				
Total HxCDD	170	-----	50				
1,2,3,4,6,7,8-HpCDF	-----	390	50	I	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	50		Equivalence: 39 pg/L		
Total HpCDF	940	-----	50		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	1600	-----	50				
Total HpCDD	3000	-----	50				
OCDF	1700	-----	100				
OCDD	17000	-----	100				

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
RL = Reporting Limit.

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

I = Interference present

REPORT OF LABORATORY ANALYSIS

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Method 1613B Blank Analysis Results

Lab Sample ID	BLANK-42356	Matrix	Water
Filename	F141017A_13	Dilution	NA
Total Amount Extracted	1030 mL	Extracted	10/15/2014 17:30
ICAL ID	F141016	Analyzed	10/17/2014 11:14
CCal Filename(s)	F141016A_20	Injected By	CVS

Native Isomers	**Conc** pg/L	**EMPC** pg/L	**RL** pg/L	**Internal Standards**	**ng's Added**	**Percent Recovery**
2,3,7,8-TCDF	ND	-----	10	2,3,7,8-TCDF-13C	2.00	73
Total TCDF	ND	-----	10	2,3,7,8-TCDD-13C	2.00	84
				1,2,3,7,8-PeCDF-13C	2.00	83
2,3,7,8-TCDD	ND	-----	10	2,3,4,7,8-PeCDF-13C	2.00	83
Total TCDD	ND	-----	10	1,2,3,7,8-PeCDD-13C	2.00	91
				1,2,3,4,7,8-HxCDF-13C	2.00	76
1,2,3,7,8-PeCDF	ND	-----	50	1,2,3,6,7,8-HxCDF-13C	2.00	79
2,3,4,7,8-PeCDF	ND	-----	50	2,3,4,6,7,8-HxCDF-13C	2.00	83
Total PeCDF	ND	-----	50	1,2,3,7,8,9-HxCDF-13C	2.00	82
				1,2,3,4,7,8-HxCDD-13C	2.00	71
1,2,3,7,8-PeCDD	ND	-----	50	1,2,3,6,7,8-HxCDD-13C	2.00	76
Total PeCDD	ND	-----	50	1,2,3,4,6,7,8-HpCDF-13C	2.00	67
				1,2,3,4,7,8,9-HpCDF-13C	2.00	81
1,2,3,4,7,8-HxCDF	ND	-----	50	1,2,3,4,6,7,8-HpCDD-13C	2.00	72
1,2,3,6,7,8-HxCDF	ND	-----	50	OCDD-13C	4.00	75
2,3,4,6,7,8-HxCDF	ND	-----	50			
1,2,3,7,8,9-HxCDF	ND	-----	50	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	ND	-----	50	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	-----	50	2,3,7,8-TCDD-37Cl4	0.20	85
1,2,3,6,7,8-HxCDD	ND	-----	50			
1,2,3,7,8,9-HxCDD	ND	-----	50			
Total HxCDD	ND	-----	50			
1,2,3,4,6,7,8-HpCDF	ND	-----	50	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	50	Equivalence: 0.00 pg/L		
Total HpCDF	ND	-----	50	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	-----	50			
Total HpCDD	ND	-----	50			
OCDF	ND	-----	100			
OCDD	ND	-----	100			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
RL = Reporting Limit

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Method 1613B Laboratory Control Spike Results

Lab Sample ID	LCS-42357		
Filename	F141017A_15	Matrix	Water
Total Amount Extracted	1030 mL	Dilution	NA
ICAL ID	F141016	Extracted	10/15/2014 17:30
CCal Filename	F141016A_20	Analyzed	10/17/2014 12:41
Method Blank ID	BLANK-42356	Injected By	CVS

Compound	Cs	Cr	Lower Limit	Upper Limit	% Rec.
2,3,7,8-TCDF	10	11	7.5	15.8	108
2,3,7,8-TCDD	10	9.0	6.7	15.8	90
1,2,3,7,8-PeCDF	50	54	40.0	67.0	109
2,3,4,7,8-PeCDF	50	56	34.0	80.0	112
1,2,3,7,8-PeCDD	50	50	35.0	71.0	100
1,2,3,4,7,8-HxCDF	50	56	36.0	67.0	111
1,2,3,6,7,8-HxCDF	50	56	42.0	65.0	111
2,3,4,6,7,8-HxCDF	50	53	35.0	78.0	107
1,2,3,7,8,9-HxCDF	50	52	39.0	65.0	104
1,2,3,4,7,8-HxCDD	50	56	35.0	82.0	112
1,2,3,6,7,8-HxCDD	50	60	38.0	67.0	120
1,2,3,7,8,9-HxCDD	50	59	32.0	81.0	119
1,2,3,4,6,7,8-HpCDF	50	59	41.0	61.0	118
1,2,3,4,7,8,9-HpCDF	50	51	39.0	69.0	101
1,2,3,4,6,7,8-HpCDD	50	56	35.0	70.0	113
OCDF	100	120	63.0	170.0	123
OCDD	100	120	78.0	144.0	115
2,3,7,8-TCDD-37Cl4	10	9.2	3.1	19.1	92
2,3,7,8-TCDF-13C	100	54	22.0	152.0	54
2,3,7,8-TCDD-13C	100	61	20.0	175.0	61
1,2,3,7,8-PeCDF-13C	100	60	21.0	192.0	60
2,3,4,7,8-PeCDF-13C	100	61	13.0	328.0	61
1,2,3,7,8-PeCDD-13C	100	65	21.0	227.0	65
1,2,3,4,7,8-HxCDF-13C	100	55	19.0	202.0	55
1,2,3,6,7,8-HxCDF-13C	100	59	21.0	159.0	59
2,3,4,6,7,8-HxCDF-13C	100	61	22.0	176.0	61
1,2,3,7,8,9-HxCDF-13C	100	62	17.0	205.0	62
1,2,3,4,7,8-HxCDD-13C	100	54	21.0	193.0	54
1,2,3,6,7,8-HxCDD-13C	100	54	25.0	163.0	54
1,2,3,4,6,7,8-HpCDF-13C	100	51	21.0	158.0	51
1,2,3,4,7,8,9-HpCDF-13C	100	59	20.0	186.0	59
1,2,3,4,6,7,8-HpCDD-13C	100	51	26.0	166.0	51
OCDD-13C	200	110	26.0	397.0	57

Cs = Concentration Spiked (ng/mL)
Cr = Concentration Recovered (ng/mL)
Rec. = Recovery (Expressed as Percent)
Control Limit Reference: Method 1613, Table 6, 10/94 Revision
R = Recovery outside of control limits
Nn = Value obtained from additional analysis
* = See Discussion

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