Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-3-10 10 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-3-15 15 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-3-19 19 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-3-2 2 10/9/2013 Investigation Eastern Area 12 Surface	A12-3-5 5 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-4-0.5 0.5 10/9/2013 Investigation Eastern Area 12 Surface	A12-4-2 2 10/9/2013 Investigation Eastern Area 12 Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	NA	NA	NA	NA	NA
2,4-D	94757	NA	NA	NA	NA	NA	NA	NA
2,4-Db	94826	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	72548	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72559	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50293	NA	NA	NA	NA	NA	NA	NA
Aldrin	309002	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	319846	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	319857	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	319868	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	5103719	NA	NA	NA	NA	NA	NA	NA
Dalapon	75990	NA	NA	NA	NA	NA	NA	NA
Dicamba	1918009	NA	NA	NA	NA	NA	NA	NA
Dichoroprop	120365	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60571	NA	NA	NA	NA	NA	NA	NA
Dinoseb	88857	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	959988	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	33213659	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	1031078	NA	NA	NA	NA	NA	NA	NA
Endrin	72208	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	7421934	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	53494705	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC	58899	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5103742	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76448	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	1024573	NA	NA	NA	NA	NA	NA	NA
Mcpa	94746	NA	NA	NA	NA	NA	NA	NA
Mcpp	93652	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72435	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-TP)	93721	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001352	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	NA	NA	NA	NA	NA
Antimony	7440360	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440382	NA	NA	NA	NA	NA	NA	NA
Barium	7440393	NA	NA	NA	NA	NA	NA	NA
Beryllium	7440417	NA	NA	NA	NA	NA	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	NA	NA	NA	NA	NA	NA
Calcium	7440702	NA	NA	NA	NA	NA	NA	NA
Chromium	7440473	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440484	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	A12-3-10	A12-3-15	A12-3-19	A12-3-2	A12-3-5	A12-4-0.5	A12-4-2
Sample Depth		10	15	19	2	5	0.5	2
Date Collected		10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		Area 12	Area 12	Area 12	Area 12	Area 12	Area 12	Area 12
Surface/subsurface		Subsurface	Subsurface	Subsurface	Surface	Subsurface	Surface	Surface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	NA	NA	NA	NA	NA
Iron	7439896	NA	NA	NA	NA	NA	NA	NA
Lead	7439921	NA	NA	NA	NA	NA	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	NA	NA	NA	NA	NA	NA
Magnesium	7439954	NA	NA	NA	NA	NA	NA	NA
Mercury	7439976	NA	NA	NA	NA	NA	NA	NA
Molybdenum	7439987	NA	NA	NA	NA	NA	NA	NA
Nickel	7440020	NA	NA	NA	NA	NA	NA	NA
Potassium	7440097	NA	NA	NA	NA	NA	NA	NA
Selenium	7782492	NA	NA	NA	NA	NA	NA	NA
Silver	7440224	NA	NA	NA	NA	NA	NA	NA
Sodium	7440235	NA	NA	NA	NA	NA	NA	NA
Strontium (Total)	7440246	NA	NA	NA	NA	NA	NA	NA
Thallium	7440280	NA	NA	NA	NA	NA	NA	NA
Tin	7440315	NA	NA	NA	NA	NA	NA	NA
Titanium	7440326	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440622	NA	NA	NA	NA	NA	NA	NA
Zinc	7440666	NA	NA	NA	NA	NA	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		A12-4-5	A12-5-0.5	A12-5-2	A12-5-5	A12-7-10	A12-7-15	A12-7-20
Sample Depth		5	0.5	2	5	10	15	20
Date Collected		10/9/2013	10/9/2013	10/9/2013	10/9/2013	12/17/2013	12/17/2013	12/17/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		Area 12	Area 12	Area 12	Area 12	Area 12	Area 12	Area 12
Surface/subsurface		Subsurface	Surface	Surface	Subsurface	Subsurface	Subsurface	Subsurface
Constituent	CAS No.							
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,1,1-Trichloroethane	71556	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,1,2,2-Tetrachloroethane	79345	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,1,2-Trichloroethane	79005	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,1-Dichloroethane	75343	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,1-Dichloroethene	75354	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,1-Dichloropropene	563586	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,2,3-Trichlorobenzene	87616	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,2,3-Trichloropropane	96184	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,2,4-Trichlorobenzene	120821	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,2,4-Trimethylbenzene	95636	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	0.154	1.95	< 0.0047
1,2-Dibromoethane	106934	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,2-Dichlorobenzene	95501	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,2-Dichloroethane	107062	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	< 0.0038	< 0.258	< 0.0047
1,2-Dichloropropane	78875	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,3,5-Trimethylbenzene	108678	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	0.0123	0.695	< 0.0047
1,3-Dichlorobenzene	541731	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,3-Dichloropropane	142289	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,4-Dichlorobenzene	106467	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
1,4-Dioxane	123911	< 0.15 J	< 0.24	< 0.17	< 0.2	NA	NA	NA
2,2-Dichloropropane	594207	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
2-Butanone	78933	< 0.019 J	< 0.03	0.0083 J	< 0.024	< 0.0077	< 0.516	< 0.0093
2-Chloroethyl Vinyl Ether	110758	< 0.019 J	< 0.03	< 0.022	< 0.024	NA	NA	NA
2-Chlorotoluene	95498	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
2-Hexanone (methyl butyl ketone)	591786	< 0.019 J	< 0.03	< 0.022	< 0.024	< 0.0153	< 1.03	< 0.0187
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	< 0.0077	< 0.516	< 0.0093
4-Chlorotoluene	106434	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
4-Isopropyltoluene	99876	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
4-Methyl-2-Pentanone	108101	< 0.019 J	< 0.03	< 0.022	< 0.024	< 0.0077	< 0.516	< 0.0093
Acetone	67641	0.0303 J	< 0.06	0.101	0.0457 J	< 0.0153	< 1.03	0.0197
Acrolein	107028	< 0.019 J	< 0.03	< 0.022	< 0.024	NA	NA	NA
Acrylonitrile	107131	< 0.019 J	< 0.03	< 0.022	< 0.024	NA	NA	NA
Benzene	71432	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Bromobenzene	108861	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Bromochloromethane	74975	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Bromodichloromethane	75274	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Bromoform	75252	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Bromomethane	74839	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Carbon Disulfide	75150	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Carbon Tetrachloride	56235	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Chlorobenzene	108907	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047
Dibromochloromethane	124481	< 0.0037 J	< 0.006	< 0.0043	< 0.0049	< 0.0038	< 0.258	< 0.0047

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		A12-4-5		A12-5-0.5		A12-5-2		A12-5-5		A12-7-10		A12-7-15		A12-7-20	
Sample Depth		5		0.5		2		5		10		15		20	
Date Collected		10/9/2013		10/9/2013		10/9/2013		10/9/2013		12/17/2013		12/17/2013		12/17/2013	
Sample Type		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation	
RA Area		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern	
Area/SWMU		Area 12		Area 12		Area 12		Area 12		Area 12		Area 12		Area 12	
Surface/subsurface		Subsurface		Surface		Surface		Subsurface		Subsurface		Subsurface		Subsurface	
Constituent	CAS No.														
Volatile Organics (mg/kg) (continued)															
Chloroethane	75003	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Chloroform	67663	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Chloromethane	74873	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Cis-1,2-Dichloroethene	156592	< 0.0037	J	< 0.006		0.0329		0.0018	J	< 0.0038		< 0.258		< 0.0047	
Cis-1,3-Dichloropropene	10061015	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Dibromomethane	74953	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Dichlorodifluoromethane	75718	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Ethylbenzene	100414	< 0.0037	J	< 0.006		0.0025	J	< 0.0049		0.0071		1.21		< 0.0047	
Hexachlorobutadiene	87683	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Isopropylbenzene	98828	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		0.0271		< 0.258		< 0.0047	
M,P-Xylenes	179601231	< 0.0075	J	< 0.012		0.0072	J	< 0.0098		NA		NA		NA	
Methyl Tert-Butyl Ether	1634044	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Methylene Chloride	75092	< 0.0075	J	< 0.012		< 0.0086		< 0.0098		< 0.0038		< 0.258		< 0.0047	
Naphthalene	91203	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0077		< 0.516		< 0.0093	
N-Butylbenzene	104518	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		0.0079		< 0.258		< 0.0047	
N-Propylbenzene	103651	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		0.0305		0.263		< 0.0047	
O-Xylene	95476	< 0.0037	J	< 0.006		0.0015	J	< 0.0049		NA		NA		NA	
Sec-Butylbenzene	135988	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		0.0044		< 0.258		< 0.0047	
Styrene	100425	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Tert-Butylbenzene	98066	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Tetrachloroethene	127184	< 0.0037	J	< 0.006		0.0013	J	< 0.0049		< 0.0038		< 0.258		< 0.0047	
Toluene	108883	< 0.0037	J	< 0.006		0.008		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Total Xylenes	1330207	< 0.0075	J	< 0.012		0.0087		< 0.0098		0.22		9.18		0.0102	
Trans-1,2-Dichloroethene	156605	< 0.0037	J	< 0.006		0.002	J	< 0.0049		< 0.0038		< 0.258		< 0.0047	
Trans-1,3-Dichloropropene	10061026	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Trichloroethene	79016	< 0.0037	J	< 0.006		0.003	J	< 0.0049		< 0.0038		< 0.258		< 0.0047	
Trichlorofluoromethane	75694	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Vinyl Acetate	108054	< 0.019	J	< 0.03		< 0.022		< 0.024		NA		NA		NA	
Vinyl Chloride	75014	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		< 0.0038		< 0.258		< 0.0047	
Dibromochloropropane (DBCP)	67708832	< 0.0037	J	< 0.006		< 0.0043		< 0.0049		NA		NA		NA	
VOCs - Method 3810 Mod															
Benzene	71432	NA		NA		NA		NA		< 0.0084	J	< 0.0084	J	< 0.0084	J
Cis-1,2-Dichloroethene	156592	NA		NA		NA		NA		< 0.0084	J	< 0.0084	J	< 0.0084	J
Ethylbenzene	100414	NA		NA		NA		NA		< 0.0084	J	3.14	J	< 0.0084	J
Tetrachloroethene	127184	NA		NA		NA		NA		< 0.0084	J	< 0.0084	J	< 0.0084	J
Toluene	108883	NA		NA		NA		NA		< 0.0084	J	0.372	J	< 0.0084	J
Trichloroethene	79016	NA		NA		NA		NA		< 0.0084	J	< 0.0084	J	< 0.0084	J
Total Xylenes	1330207	NA		NA		NA		NA		0.505	J	14.038	J	< 0.0084	J

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-4-5 5 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-5-0.5 0.5 10/9/2013 Investigation Eastern Area 12 Surface	A12-5-2 2 10/9/2013 Investigation Eastern Area 12 Surface	A12-5-5 5 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-7-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-7-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-7-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95501	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122667	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541731	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106467	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	90120	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95954	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88062	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120832	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105679	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51285	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121142	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606202	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91587	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95578	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95487	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88744	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88755	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91941	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99092	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534521	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101553	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59507	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106478	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100016	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100027	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83329	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208968	NA	NA	NA	NA	NA	NA	NA
Aniline	62533	NA	NA	NA	NA	NA	NA	NA
Anthracene	120127	NA	NA	NA	NA	NA	NA	NA
Benzidine	92875	NA	NA	NA	NA	NA	NA	NA
Benzo(A)Anthracene	56553	NA	NA	NA	NA	NA	NA	NA
Benzo(A)Pyrene	50328	NA	NA	NA	NA	NA	NA	NA
Benzo(B)Fluoranthene	205992	NA	NA	NA	NA	NA	NA	NA
Benzo(G,H,I)Perylene	191242	NA	NA	NA	NA	NA	NA	NA
Benzo(K)Fluoranthene	207089	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	65850	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	100516	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethoxy)Methane	111911	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethyl)Ether	111444	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	A12-4-5	A12-5-0.5	A12-5-2	A12-5-5	A12-7-10	A12-7-15	A12-7-20
Sample Depth		5	0.5	2	5	10	15	20
Date Collected		10/9/2013	10/9/2013	10/9/2013	10/9/2013	12/17/2013	12/17/2013	12/17/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		Area 12	Area 12	Area 12	Area 12	Area 12	Area 12	Area 12
Surface/subsurface		Subsurface	Surface	Surface	Subsurface	Subsurface	Subsurface	Subsurface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	NA	NA	NA	NA	NA	NA
Butyl Benzyl Phthalate	85687	NA	NA	NA	NA	NA	NA	NA
Carbazole	86748	NA	NA	NA	NA	NA	NA	NA
Chrysene	218019	NA	NA	NA	NA	NA	NA	NA
Dibenz(A,H)Anthracene	53703	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	132649	NA	NA	NA	NA	NA	NA	NA
Diethyl Phthalate	84662	NA	NA	NA	NA	NA	NA	NA
Dimethyl Phthalate	131113	NA	NA	NA	NA	NA	NA	NA
Di-N-Butyl Phthalate	84742	NA	NA	NA	NA	NA	NA	NA
Di-N-Octyl Phthalate	117840	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206440	NA	NA	NA	NA	NA	NA	NA
Fluorene	86737	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	118741	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87683	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67721	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	NA	NA	NA	NA	NA	NA
Isophorone	78591	NA	NA	NA	NA	NA	NA	NA
M-,P-Cresol Mixture	15831104	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91203	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	98953	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	62759	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	621647	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	86306	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	NA	NA	NA	NA	NA	NA	NA
Phenol	108952	NA	NA	NA	NA	NA	NA	NA
Pyrene	129000	NA	NA	NA	NA	NA	NA	NA
Pyridine	110861	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	NA	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	NA	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	NA	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	NA	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	NA	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-4-5 5 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-5-0.5 0.5 10/9/2013 Investigation Eastern Area 12 Surface	A12-5-2 2 10/9/2013 Investigation Eastern Area 12 Surface	A12-5-5 5 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-7-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-7-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-7-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	NA	NA	NA	NA	NA
2,4-D	94757	NA	NA	NA	NA	NA	NA	NA
2,4-Db	94826	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	72548	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72559	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50293	NA	NA	NA	NA	NA	NA	NA
Aldrin	309002	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	319846	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	319857	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	319868	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	5103719	NA	NA	NA	NA	NA	NA	NA
Dalapon	75990	NA	NA	NA	NA	NA	NA	NA
Dicamba	1918009	NA	NA	NA	NA	NA	NA	NA
Dichoroprop	120365	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60571	NA	NA	NA	NA	NA	NA	NA
Dinoseb	88857	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	959988	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	33213659	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	1031078	NA	NA	NA	NA	NA	NA	NA
Endrin	72208	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	7421934	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	53494705	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC	58899	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5103742	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76448	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	1024573	NA	NA	NA	NA	NA	NA	NA
Mcpa	94746	NA	NA	NA	NA	NA	NA	NA
Mcpp	93652	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72435	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-TP)	93721	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001352	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	NA	NA	NA	NA	NA
Antimony	7440360	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440382	NA	NA	NA	NA	NA	NA	NA
Barium	7440393	NA	NA	NA	NA	NA	NA	NA
Beryllium	7440417	NA	NA	NA	NA	NA	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	NA	NA	NA	NA	NA	NA
Calcium	7440702	NA	NA	NA	NA	NA	NA	NA
Chromium	7440473	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440484	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-4-5 5 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-5-0.5 0.5 10/9/2013 Investigation Eastern Area 12 Surface	A12-5-2 2 10/9/2013 Investigation Eastern Area 12 Surface	A12-5-5 5 10/9/2013 Investigation Eastern Area 12 Subsurface	A12-7-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-7-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-7-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	NA	NA	NA	NA	NA
Iron	7439896	NA	NA	NA	NA	NA	NA	NA
Lead	7439921	NA	NA	NA	NA	NA	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	NA	NA	NA	NA	NA	NA
Magnesium	7439954	NA	NA	NA	NA	NA	NA	NA
Mercury	7439976	NA	NA	NA	NA	NA	NA	NA
Molybdenum	7439987	NA	NA	NA	NA	NA	NA	NA
Nickel	7440020	NA	NA	NA	NA	NA	NA	NA
Potassium	7440097	NA	NA	NA	NA	NA	NA	NA
Selenium	7782492	NA	NA	NA	NA	NA	NA	NA
Silver	7440224	NA	NA	NA	NA	NA	NA	NA
Sodium	7440235	NA	NA	NA	NA	NA	NA	NA
Strontium (Total)	7440246	NA	NA	NA	NA	NA	NA	NA
Thallium	7440280	NA	NA	NA	NA	NA	NA	NA
Tin	7440315	NA	NA	NA	NA	NA	NA	NA
Titanium	7440326	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440622	NA	NA	NA	NA	NA	NA	NA
Zinc	7440666	NA	NA	NA	NA	NA	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-7-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,1,1-Trichloroethane	71556	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,1,2,2-Tetrachloroethane	79345	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,1,2-Trichloroethane	79005	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,1-Dichloroethane	75343	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,1-Dichloroethene	75354	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,1-Dichloropropene	563586	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2,3-Trichlorobenzene	87616	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2,3-Trichloropropane	96184	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2,4-Trichlorobenzene	120821	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2,4-Trimethylbenzene	95636	0.257	83.4	0.0218	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2-Dibromoethane	106934	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2-Dichlorobenzene	95501	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2-Dichloroethane	107062	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2-Dichloroethene, Total	540590	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,2-Dichloropropane	78875	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,3,5-Trimethylbenzene	108678	< 0.0043	32.7	0.0057	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,3-Dichlorobenzene	541731	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,3-Dichloropropane	142289	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,4-Dichlorobenzene	106467	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
1,4-Dioxane	123911	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594207	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
2-Butanone	78933	< 0.0086	< 41.8	0.105	< 0.0072	< 5.37	< 0.0072	< 0.0085
2-Chloroethyl Vinyl Ether	110758	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95498	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
2-Hexanone (methyl butyl ketone)	591786	< 0.0172	< 83.6	0.0556	< 0.0144	< 10.7	< 0.0144	< 0.0169
3-Chloro-1,2-Dibromopropane	96128	< 0.0086	< 41.8	< 0.0088	< 0.0072	< 5.37	< 0.0072	< 0.0085
4-Chlorotoluene	106434	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
4-Isopropyltoluene	99876	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
4-Methyl-2-Pentanone	108101	< 0.0086	< 41.8	0.713	< 0.0072	< 5.37	< 0.0072	< 0.0085
Acetone	67641	0.0176	< 83.6	0.292	< 0.0144	< 10.7	0.0179	0.0348
Acrolein	107028	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107131	NA	NA	NA	NA	NA	NA	NA
Benzene	71432	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Bromobenzene	108861	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Bromochloromethane	74975	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Bromodichloromethane	75274	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Bromoform	75252	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Bromomethane	74839	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Carbon Disulfide	75150	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Carbon Tetrachloride	56235	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Chlorobenzene	108907	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Dibromochloromethane	124481	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		A12-7-5	A12-8-10	A12-8-15	A12-8-20	A12-8-5	A12-9-10	A12-9-15
Sample Depth		5	10	15	20	5	10	15
Date Collected		12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		Area 12	Area 12	Area 12	Area 12	Area 12	Area 12	Area 12
Surface/subsurface		Subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Subsurface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Chloroform	67663	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Chloromethane	74873	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Cis-1,2-Dichloroethene	156592	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Cis-1,3-Dichloropropene	10061015	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Dibromomethane	74953	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Dichlorodifluoromethane	75718	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Ethylbenzene	100414	< 0.0043	831	0.0521	< 0.0036	25.3	< 0.0036	< 0.0042
Hexachlorobutadiene	87683	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Isopropylbenzene	98828	0.0562	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
M,P-Xylenes	179601231	NA	NA	NA	NA	NA	NA	NA
Methyl Tert-Butyl Ether	1634044	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Methylene Chloride	75092	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Naphthalene	91203	< 0.0086	< 41.8	< 0.0088	< 0.0072	< 5.37	< 0.0072	< 0.0085
N-Butylbenzene	104518	0.0064	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
N-Propylbenzene	103651	0.0515	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
O-Xylene	95476	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135988	0.0066	69.8	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Styrene	100425	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Tert-Butylbenzene	98066	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Tetrachloroethene	127184	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Toluene	108883	< 0.0043	612	0.0724	< 0.0036	47.4	< 0.0036	< 0.0042
Total Xylenes	1330207	0.0056	4030	0.356	< 0.0036	116	< 0.0036	< 0.0042
Trans-1,2-Dichloroethene	156605	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Trans-1,3-Dichloropropene	10061026	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Trichloroethene	79016	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Trichlorofluoromethane	75694	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Vinyl Acetate	108054	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75014	< 0.0043	< 20.9	< 0.0044	< 0.0036	< 2.69	< 0.0036	< 0.0042
Dibromochloropropane (DBCP)	67708832	NA	NA	NA	NA	NA	NA	NA
VOCs - Method 3810 Mod								
Benzene	71432	< 0.0084 J	0.147 J	< 0.0084 J	< 0.0084 J	0.137 J	< 0.0084 J	< 0.0084 J
Cis-1,2-Dichloroethene	156592	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J
Ethylbenzene	100414	< 0.0084 J	22.1 J	0.177 J	0.0315 J	13.31 J	< 0.0084 J	< 0.0084 J
Tetrachloroethene	127184	< 0.0084 J	1.008 J	< 0.0084 J	< 0.0084 J	0.445 J	< 0.0084 J	< 0.0084 J
Toluene	108883	< 0.0084 J	57.414 J	0.0407 J	0.0231 J	25.41 J	< 0.0084 J	< 0.0084 J
Trichloroethene	79016	< 0.0084 J	0.0336 J	< 0.0084 J	< 0.0084 J	0.021 J	< 0.0084 J	< 0.0084 J
Total Xylenes	1330207	0.505 J	96.6 J	0.779 J	0.137 J	50.946 J	< 0.0084 J	< 0.0084 J

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-7-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95501	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122667	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541731	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106467	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	90120	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95954	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88062	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120832	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105679	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51285	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121142	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606202	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91587	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95578	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95487	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88744	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88755	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91941	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99092	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534521	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101553	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59507	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106478	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100016	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100027	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83329	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208968	NA	NA	NA	NA	NA	NA	NA
Aniline	62533	NA	NA	NA	NA	NA	NA	NA
Anthracene	120127	NA	NA	NA	NA	NA	NA	NA
Benzidine	92875	NA	NA	NA	NA	NA	NA	NA
Benzo(A)Anthracene	56553	NA	NA	NA	NA	NA	NA	NA
Benzo(A)Pyrene	50328	NA	NA	NA	NA	NA	NA	NA
Benzo(B)Fluoranthene	205992	NA	NA	NA	NA	NA	NA	NA
Benzo(G,H,I)Perylene	191242	NA	NA	NA	NA	NA	NA	NA
Benzo(K)Fluoranthene	207089	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	65850	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	100516	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethoxy)Methane	111911	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethyl)Ether	111444	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	A12-7-5	A12-8-10	A12-8-15	A12-8-20	A12-8-5	A12-9-10	A12-9-15
Sample Depth		5	10	15	20	5	10	15
Date Collected		12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		Area 12	Area 12	Area 12	Area 12	Area 12	Area 12	Area 12
Surface/subsurface		Subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Subsurface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	NA	NA	NA	NA	NA	NA
Butyl Benzyl Phthalate	85687	NA	NA	NA	NA	NA	NA	NA
Carbazole	86748	NA	NA	NA	NA	NA	NA	NA
Chrysene	218019	NA	NA	NA	NA	NA	NA	NA
Dibenz(A,H)Anthracene	53703	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	132649	NA	NA	NA	NA	NA	NA	NA
Diethyl Phthalate	84662	NA	NA	NA	NA	NA	NA	NA
Dimethyl Phthalate	131113	NA	NA	NA	NA	NA	NA	NA
Di-N-Butyl Phthalate	84742	NA	NA	NA	NA	NA	NA	NA
Di-N-Octyl Phthalate	117840	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206440	NA	NA	NA	NA	NA	NA	NA
Fluorene	86737	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	118741	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87683	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67721	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	NA	NA	NA	NA	NA	NA
Isophorone	78591	NA	NA	NA	NA	NA	NA	NA
M-,P-Cresol Mixture	15831104	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91203	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	98953	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	62759	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	621647	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	86306	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	NA	NA	NA	NA	NA	NA	NA
Phenol	108952	NA	NA	NA	NA	NA	NA	NA
Pyrene	129000	NA	NA	NA	NA	NA	NA	NA
Pyridine	110861	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	NA	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	NA	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	NA	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	NA	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	NA	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-7-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-8-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-10 10 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-15 15 12/17/2013 Investigation Eastern Area 12 Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	NA	NA	NA	NA	NA
2,4-D	94757	NA	NA	NA	NA	NA	NA	NA
2,4-Db	94826	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	72548	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72559	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50293	NA	NA	NA	NA	NA	NA	NA
Aldrin	309002	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	319846	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	319857	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	319868	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	5103719	NA	NA	NA	NA	NA	NA	NA
Dalapon	75990	NA	NA	NA	NA	NA	NA	NA
Dicamba	1918009	NA	NA	NA	NA	NA	NA	NA
Dichoroprop	120365	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60571	NA	NA	NA	NA	NA	NA	NA
Dinoseb	88857	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	959988	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	33213659	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	1031078	NA	NA	NA	NA	NA	NA	NA
Endrin	72208	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	7421934	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	53494705	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC	58899	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5103742	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76448	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	1024573	NA	NA	NA	NA	NA	NA	NA
Mcpa	94746	NA	NA	NA	NA	NA	NA	NA
Mcpp	93652	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72435	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-TP)	93721	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001352	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	NA	NA	NA	NA	NA
Antimony	7440360	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440382	NA	NA	NA	NA	NA	NA	NA
Barium	7440393	NA	NA	NA	NA	NA	NA	NA
Beryllium	7440417	NA	NA	NA	NA	NA	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	NA	NA	NA	NA	NA	NA
Calcium	7440702	NA	NA	NA	NA	NA	NA	NA
Chromium	7440473	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440484	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	A12-7-5	A12-8-10	A12-8-15	A12-8-20	A12-8-5	A12-9-10	A12-9-15
	Sample Depth	5	10	15	20	5	10	15
	Date Collected	12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013	12/17/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
	Area/SWMU	Area 12	Area 12	Area 12	Area 12	Area 12	Area 12	Area 12
	Surface/subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	NA	NA	NA	NA	NA
Iron	7439896	NA	NA	NA	NA	NA	NA	NA
Lead	7439921	NA	NA	NA	NA	NA	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	NA	NA	NA	NA	NA	NA
Magnesium	7439954	NA	NA	NA	NA	NA	NA	NA
Mercury	7439976	NA	NA	NA	NA	NA	NA	NA
Molybdenum	7439987	NA	NA	NA	NA	NA	NA	NA
Nickel	7440020	NA	NA	NA	NA	NA	NA	NA
Potassium	7440097	NA	NA	NA	NA	NA	NA	NA
Selenium	7782492	NA	NA	NA	NA	NA	NA	NA
Silver	7440224	NA	NA	NA	NA	NA	NA	NA
Sodium	7440235	NA	NA	NA	NA	NA	NA	NA
Strontium (Total)	7440246	NA	NA	NA	NA	NA	NA	NA
Thallium	7440280	NA	NA	NA	NA	NA	NA	NA
Tin	7440315	NA	NA	NA	NA	NA	NA	NA
Titanium	7440326	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440622	NA	NA	NA	NA	NA	NA	NA
Zinc	7440666	NA	NA	NA	NA	NA	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-9-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A8-1-0.5 0.5 10/1/2013 Investigation Central Area 8 Surface	A8-1-10 10 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-15 15 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-2 2 10/1/2013 Investigation Central Area 8 Surface	A8-1-5 5 10/1/2013 Investigation Central Area 8 Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,1,1-Trichloroethane	71556	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,1,2,2-Tetrachloroethane	79345	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,1,2-Trichloroethane	79005	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,1-Dichloroethane	75343	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,1-Dichloroethene	75354	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,1-Dichloropropene	563586	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2,3-Trichlorobenzene	87616	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2,3-Trichloropropane	96184	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2,4-Trichlorobenzene	120821	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2,4-Trimethylbenzene	95636	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2-Dibromoethane	106934	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2-Dichlorobenzene	95501	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2-Dichloroethane	107062	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,2-Dichloroethene, Total	540590	< 0.004	< 0.004	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,3,5-Trimethylbenzene	108678	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,3-Dichlorobenzene	541731	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,3-Dichloropropane	142289	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,4-Dichlorobenzene	106467	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
1,4-Dioxane	123911	NA	NA	< 0.17	< 0.15	< 0.33	< 0.13	< 0.13
2,2-Dichloropropane	594207	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
2-Butanone	78933	< 0.0081	< 0.0081	< 0.022	< 0.019	< 0.042	< 0.016	< 0.017
2-Chloroethyl Vinyl Ether	110758	NA	NA	< 0.022	< 0.019	< 0.042	< 0.016	< 0.017
2-Chlorotoluene	95498	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
2-Hexanone (methyl butyl ketone)	591786	< 0.0161	< 0.0162	< 0.022	< 0.019	< 0.042	< 0.016	< 0.017
3-Chloro-1,2-Dibromopropane	96128	< 0.0081	< 0.0081	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
4-Isopropyltoluene	99876	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
4-Methyl-2-Pentanone	108101	< 0.0081	< 0.0081	< 0.022	< 0.019	< 0.042	< 0.016	< 0.017
Acetone	67641	< 0.0161	< 0.0162	< 0.043	< 0.038	< 0.083	< 0.032	< 0.034
Acrolein	107028	NA	NA	< 0.02	< 0.019	< 0.042	< 0.016	< 0.017
Acrylonitrile	107131	NA	NA	< 0.022	< 0.019	< 0.042	< 0.016	< 0.017
Benzene	71432	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Bromobenzene	108861	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Bromochloromethane	74975	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Bromodichloromethane	75274	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Bromoform	75252	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Bromomethane	74839	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Carbon Disulfide	75150	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Carbon Tetrachloride	56235	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Chlorobenzene	108907	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Dibromochloromethane	124481	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		A12-9-20	A12-9-5	A8-1-0.5	A8-1-10	A8-1-15	A8-1-2	A8-1-5
Sample Depth		20	5	0.5	10	15	2	5
Date Collected		12/17/2013	12/17/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Central	Central	Central	Central	Central
Area/SWMU		Area 12	Area 12	Area 8	Area 8	Area 8	Area 8	Area 8
Surface/subsurface		Subsurface	Subsurface	Surface	Subsurface	Subsurface	Surface	Subsurface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Chloroform	67663	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Chloromethane	74873	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Cis-1,2-Dichloroethene	156592	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Cis-1,3-Dichloropropene	10061015	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Dibromomethane	74953	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Dichlorodifluoromethane	75718	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Ethylbenzene	100414	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Hexachlorobutadiene	87683	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Isopropylbenzene	98828	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
M,P-Xylenes	179601231	NA	NA	< 0.0087	< 0.0075	< 0.017	< 0.0064	< 0.0067
Methyl Tert-Butyl Ether	1634044	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Methylene Chloride	75092	< 0.004	< 0.004	< 0.0087	< 0.0075	< 0.017	< 0.0064	< 0.0067
Naphthalene	91203	< 0.0081	< 0.0081	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
N-Butylbenzene	104518	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
N-Propylbenzene	103651	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
O-Xylene	95476	NA	NA	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Sec-Butylbenzene	135988	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Styrene	100425	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Tert-Butylbenzene	98066	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Tetrachloroethene	127184	< 0.004	< 0.004	< 0.0043	0.002 J	< 0.0083	0.0027 J	0.0015 J
Toluene	108883	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Total Xylenes	1330207	< 0.004	< 0.004	< 0.0087	< 0.0075	< 0.017	< 0.0064	< 0.0067
Trans-1,2-Dichloroethene	156605	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Trans-1,3-Dichloropropene	10061026	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Trichloroethene	79016	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Trichlorofluoromethane	75694	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Vinyl Acetate	108054	NA	NA	< 0.022	< 0.019	< 0.042	< 0.016	< 0.017
Vinyl Chloride	75014	< 0.004	< 0.004	< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
Dibromochloropropane (DBCP)	67708832	NA		< 0.0043	< 0.0038	< 0.0083	< 0.0032	< 0.0034
VOCs - Method 3810 Mod								
Benzene	71432	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA	NA
Ethylbenzene	100414	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA	NA
Tetrachloroethene	127184	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA	NA
Toluene	108883	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA	NA
Trichloroethene	79016	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA	NA
Total Xylenes	1330207	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-9-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A8-1-0.5 0.5 10/1/2013 Investigation Central Area 8 Surface	A8-1-10 10 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-15 15 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-2 2 10/1/2013 Investigation Central Area 8 Surface	A8-1-5 5 10/1/2013 Investigation Central Area 8 Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95501	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122667	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541731	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106467	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	90120	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95954	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88062	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120832	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105679	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51285	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121142	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606202	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91587	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95578	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95487	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88744	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88755	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91941	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99092	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534521	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101553	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59507	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106478	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100016	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100027	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83329	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208968	NA	NA	NA	NA	NA	NA	NA
Aniline	62533	NA	NA	NA	NA	NA	NA	NA
Anthracene	120127	NA	NA	NA	NA	NA	NA	NA
Benzidine	92875	NA	NA	NA	NA	NA	NA	NA
Benzo(A)Anthracene	56553	NA	NA	NA	NA	NA	NA	NA
Benzo(A)Pyrene	50328	NA	NA	NA	NA	NA	NA	NA
Benzo(B)Fluoranthene	205992	NA	NA	NA	NA	NA	NA	NA
Benzo(G,H,I)Perylene	191242	NA	NA	NA	NA	NA	NA	NA
Benzo(K)Fluoranthene	207089	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	65850	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	100516	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethoxy)Methane	111911	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethyl)Ether	111444	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	A12-9-20 / 20 / 12/17/2013 / Investigation / Eastern / Area 12 / Subsurface	A12-9-5 / 5 / 12/17/2013 / Investigation / Eastern / Area 12 / Subsurface	A8-1-0.5 / 0.5 / 10/1/2013 / Investigation / Central / Area 8 / Surface	A8-1-10 / 10 / 10/1/2013 / Investigation / Central / Area 8 / Subsurface	A8-1-15 / 15 / 10/1/2013 / Investigation / Central / Area 8 / Subsurface	A8-1-2 / 2 / 10/1/2013 / Investigation / Central / Area 8 / Surface	A8-1-5 / 5 / 10/1/2013 / Investigation / Central / Area 8 / Subsurface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	NA	NA	NA	NA	NA	NA
Butyl Benzyl Phthalate	85687	NA	NA	NA	NA	NA	NA	NA
Carbazole	86748	NA	NA	NA	NA	NA	NA	NA
Chrysene	218019	NA	NA	NA	NA	NA	NA	NA
Dibenz(A,H)Anthracene	53703	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	132649	NA	NA	NA	NA	NA	NA	NA
Diethyl Phthalate	84662	NA	NA	NA	NA	NA	NA	NA
Dimethyl Phthalate	131113	NA	NA	NA	NA	NA	NA	NA
Di-N-Butyl Phthalate	84742	NA	NA	NA	NA	NA	NA	NA
Di-N-Octyl Phthalate	117840	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206440	NA	NA	NA	NA	NA	NA	NA
Fluorene	86737	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	118741	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87683	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67721	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	NA	NA	NA	NA	NA	NA
Isophorone	78591	NA	NA	NA	NA	NA	NA	NA
M-,P-Cresol Mixture	15831104	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91203	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	98953	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	62759	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	621647	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	86306	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	NA	NA	NA	NA	NA	NA	NA
Phenol	108952	NA	NA	NA	NA	NA	NA	NA
Pyrene	129000	NA	NA	NA	NA	NA	NA	NA
Pyridine	110861	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	NA	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	NA	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	NA	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	NA	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	NA	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-9-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A8-1-0.5 0.5 10/1/2013 Investigation Central Area 8 Surface	A8-1-10 10 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-15 15 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-2 2 10/1/2013 Investigation Central Area 8 Surface	A8-1-5 5 10/1/2013 Investigation Central Area 8 Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	NA	NA	NA	NA	NA
2,4-D	94757	NA	NA	NA	NA	NA	NA	NA
2,4-Db	94826	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	72548	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72559	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50293	NA	NA	NA	NA	NA	NA	NA
Aldrin	309002	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	319846	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	319857	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	319868	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	5103719	NA	NA	NA	NA	NA	NA	NA
Dalapon	75990	NA	NA	NA	NA	NA	NA	NA
Dicamba	1918009	NA	NA	NA	NA	NA	NA	NA
Dichoroprop	120365	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60571	NA	NA	NA	NA	NA	NA	NA
Dinoseb	88857	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	959988	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	33213659	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	1031078	NA	NA	NA	NA	NA	NA	NA
Endrin	72208	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	7421934	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	53494705	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC	58899	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5103742	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76448	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	1024573	NA	NA	NA	NA	NA	NA	NA
Mcpa	94746	NA	NA	NA	NA	NA	NA	NA
Mcpp	93652	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72435	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-TP)	93721	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001352	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	NA	NA	NA	NA	NA
Antimony	7440360	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440382	NA	NA	NA	NA	NA	NA	NA
Barium	7440393	NA	NA	NA	NA	NA	NA	NA
Beryllium	7440417	NA	NA	NA	NA	NA	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	NA	NA	NA	NA	NA	NA
Calcium	7440702	NA	NA	NA	NA	NA	NA	NA
Chromium	7440473	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440484	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A12-9-20 20 12/17/2013 Investigation Eastern Area 12 Subsurface	A12-9-5 5 12/17/2013 Investigation Eastern Area 12 Subsurface	A8-1-0.5 0.5 10/1/2013 Investigation Central Area 8 Surface	A8-1-10 10 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-15 15 10/1/2013 Investigation Central Area 8 Subsurface	A8-1-2 2 10/1/2013 Investigation Central Area 8 Surface	A8-1-5 5 10/1/2013 Investigation Central Area 8 Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	NA	NA	NA	NA	NA
Iron	7439896	NA	NA	NA	NA	NA	NA	NA
Lead	7439921	NA	NA	NA	NA	NA	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	NA	NA	NA	NA	NA	NA
Magnesium	7439954	NA	NA	NA	NA	NA	NA	NA
Mercury	7439976	NA	NA	NA	NA	NA	NA	NA
Molybdenum	7439987	NA	NA	NA	NA	NA	NA	NA
Nickel	7440020	NA	NA	NA	NA	NA	NA	NA
Potassium	7440097	NA	NA	NA	NA	NA	NA	NA
Selenium	7782492	NA	NA	NA	NA	NA	NA	NA
Silver	7440224	NA	NA	NA	NA	NA	NA	NA
Sodium	7440235	NA	NA	NA	NA	NA	NA	NA
Strontium (Total)	7440246	NA	NA	NA	NA	NA	NA	NA
Thallium	7440280	NA	NA	NA	NA	NA	NA	NA
Tin	7440315	NA	NA	NA	NA	NA	NA	NA
Titanium	7440326	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440622	NA	NA	NA	NA	NA	NA	NA
Zinc	7440666	NA	NA	NA	NA	NA	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

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Soil Analytical Data
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Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A8-1-INT 17 10/1/2013 Investigation Central Area 8 Subsurface	BC-1-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-1-2 2 10/17/2013 Investigation Central BC Surface	BC-2-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-2-2 2 10/17/2013 Investigation Central BC Surface	BC-3-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-3-2 2 10/17/2013 Investigation Central BC Surface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,1,1-Trichloroethane	71556	< 0.0034	0.0084	0.0032	0.0127	0.0059	0.0037	0.0043
1,1,2,2-Tetrachloroethane	79345	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,1,2-Trichloroethane	79005	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,1-Dichloroethane	75343	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,1-Dichloroethene	75354	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,1-Dichloropropene	563586	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2,3-Trichlorobenzene	87616	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2,3-Trichloropropane	96184	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2,4-Trichlorobenzene	120821	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2,4-Trimethylbenzene	95636	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2-Dibromoethane	106934	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2-Dichlorobenzene	95501	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2-Dichloroethane	107062	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,3,5-Trimethylbenzene	108678	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,3-Dichlorobenzene	541731	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,3-Dichloropropane	142289	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,4-Dichlorobenzene	106467	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
1,4-Dioxane	123911	< 0.14	< 0.13	< 0.11	< 0.11	< 0.13	< 0.12	< 0.12
2,2-Dichloropropane	594207	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
2-Butanone	78933	< 0.017	< 0.017	< 0.014	< 0.014	< 0.016	< 0.016	< 0.015
2-Chloroethyl Vinyl Ether	110758	< 0.017	< 0.017	< 0.014	< 0.014	< 0.016	< 0.016	< 0.015
2-Chlorotoluene	95498	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
2-Hexanone (methyl butyl ketone)	591786	< 0.017	< 0.017	< 0.014	< 0.014	< 0.016	< 0.016	< 0.015
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
4-Isopropyltoluene	99876	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
4-Methyl-2-Pentanone	108101	< 0.017	< 0.017	< 0.014	< 0.014	< 0.016	< 0.016	< 0.015
Acetone	67641	0.0418	< 0.033	< 0.028	< 0.028	< 0.032	< 0.031	< 0.03
Acrolein	107028	< 0.017	< 0.017	< 0.014	< 0.014	< 0.016	< 0.016	< 0.015
Acrylonitrile	107131	< 0.017	< 0.017	< 0.014	< 0.014	< 0.016	< 0.016	< 0.015
Benzene	71432	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Bromobenzene	108861	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Bromochloromethane	74975	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Bromodichloromethane	75274	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Bromoform	75252	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Bromomethane	74839	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Carbon Disulfide	75150	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Carbon Tetrachloride	56235	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Chlorobenzene	108907	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Dibromochloromethane	124481	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003

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Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A8-1-INT 17 10/1/2013 Investigation Central Area 8 Subsurface	BC-1-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-1-2 2 10/17/2013 Investigation Central BC Surface	BC-2-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-2-2 2 10/17/2013 Investigation Central BC Surface	BC-3-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-3-2 2 10/17/2013 Investigation Central BC Surface
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Chloroform	67663	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Chloromethane	74873	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Cis-1,2-Dichloroethene	156592	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Cis-1,3-Dichloropropene	10061015	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Dibromomethane	74953	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Dichlorodifluoromethane	75718	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Ethylbenzene	100414	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Hexachlorobutadiene	87683	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Isopropylbenzene	98828	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
M,P-Xylenes	179601231	< 0.0069	< 0.0066	< 0.0055	< 0.0055	< 0.0064	< 0.0062	< 0.006
Methyl Tert-Butyl Ether	1634044	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Methylene Chloride	75092	< 0.0069	< 0.0066	< 0.0055	< 0.0055	< 0.0064	< 0.0062	< 0.006
Naphthalene	91203	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
N-Butylbenzene	104518	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
N-Propylbenzene	103651	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
O-Xylene	95476	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Sec-Butylbenzene	135988	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Styrene	100425	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Tert-Butylbenzene	98066	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Tetrachloroethene	127184	0.0074	0.112	0.0291	20.3	0.495	0.0241	0.0272
Toluene	108883	0.0019 J	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Total Xylenes	1330207	< 0.0069	< 0.0066	< 0.0055	< 0.0055	< 0.0064	< 0.0062	< 0.006
Trans-1,2-Dichloroethene	156605	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Trans-1,3-Dichloropropene	10061026	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Trichloroethene	79016	< 0.0034	0.0029 J	< 0.0028	0.0536	0.0156	0.0055	0.003
Trichlorofluoromethane	75694	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Vinyl Acetate	108054	< 0.017	< 0.017	< 0.014	< 0.014	< 0.016	< 0.016	< 0.015
Vinyl Chloride	75014	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
Dibromochloropropane (DBCP)	67708832	< 0.0034	< 0.0033	< 0.0028	< 0.0028	< 0.0032	< 0.0031	< 0.003
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	A8-1-INT 17 10/1/2013 Investigation Central Area 8 Subsurface	BC-1-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-1-2 2 10/17/2013 Investigation Central BC Surface	BC-2-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-2-2 2 10/17/2013 Investigation Central BC Surface	BC-3-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-3-2 2 10/17/2013 Investigation Central BC Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
1,2-Dichlorobenzene	95501	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
1,2-Diphenylhydrazine	122667	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
1,3-Dichlorobenzene	541731	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
1,4-Dichlorobenzene	106467	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
1-Methylnaphthalene	90120	NA	< 0.19	< 0.2	0.0369 J	< 0.2	< 0.38	< 0.2
2,4,5-Trichlorophenol	95954	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2,4,6-Trichlorophenol	88062	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2,4-Dichlorophenol	120832	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2,4-Dimethylphenol	105679	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2,4-Dinitrophenol	51285	NA	< 0.97	< 0.99	< 0.98	< 1	< 1.9	< 1
2,4-Dinitrotoluene	121142	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2,6-Dinitrotoluene	606202	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2-Chloronaphthalene	91587	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2-Chlorophenol	95578	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2-Methylnaphthalene	91576	NA	< 0.19	< 0.2	0.0379 J	< 0.2	< 0.38	< 0.2
2-Methylphenol	95487	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2-Nitroaniline	88744	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
2-Nitrophenol	88755	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
3,3'-Dichlorobenzidine	91941	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
3-Nitroaniline	99092	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
4,6-Dinitro-2-Methylphenol	534521	NA	< 0.39	< 0.4	< 0.39	< 0.4	< 0.76	< 0.4
4-Bromophenyl Phenyl Ether	101553	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
4-Chloro-3-Methylphenol	59507	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
4-Chloroaniline	106478	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
4-Chlorophenyl Phenyl Ether	7005723	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
4-Nitroaniline	100016	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
4-Nitrophenol	100027	NA	< 0.97	< 0.99	< 0.98	< 1	< 1.9	< 1
Acenaphthene	83329	NA	< 0.19	< 0.2	0.044 J	< 0.2	< 0.38	< 0.2
Acenaphthylene	208968	NA	< 0.19	< 0.2	0.0577 J	< 0.2	< 0.38	< 0.2
Aniline	62533	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Anthracene	120127	NA	< 0.19	< 0.2	0.13 J	< 0.2	< 0.38	< 0.2
Benzidine	92875	NA	< 1.9	< 2	< 2	< 2	< 3.8	< 2
Benzo(A)Anthracene	56553	NA	0.0225 J	< 0.2	0.273	< 0.2	< 0.38	< 0.2
Benzo(A)Pyrene	50328	NA	< 0.19	< 0.2	0.234	< 0.2	< 0.38	< 0.2
Benzo(B)Fluoranthene	205992	NA	0.0252 J	< 0.2	0.326	< 0.2	< 0.38	< 0.2
Benzo(G,H,I)Perylene	191242	NA	< 0.19	< 0.2	0.13 J	< 0.2	< 0.38	< 0.2
Benzo(K)Fluoranthene	207089	NA	< 0.19	< 0.2	0.137 J	< 0.2	< 0.38	< 0.2
Benzoic Acid	65850	NA	< 0.97	< 0.99	< 0.98	< 1	< 1.9	< 1
Benzyl Alcohol	100516	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Bis(2-Chloroethoxy)Methane	111911	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Bis(2-Chloroethyl)Ether	111444	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Bis(2-Chloroisopropyl)Ether	108601	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	A8-1-INT 17 10/1/2013 Investigation Central Area 8 Subsurface	BC-1-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-1-2 2 10/17/2013 Investigation Central BC Surface	BC-2-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-2-2 2 10/17/2013 Investigation Central BC Surface	BC-3-0.5 0.5 10/17/2013 Investigation Central BC Surface	BC-3-2 2 10/17/2013 Investigation Central BC Surface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	< 0.39	< 0.4	< 0.39	0.0435 J	< 0.76	< 0.4
Butyl Benzyl Phthalate	85687	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Carbazole	86748	NA	< 0.19	< 0.2	0.0507 J	< 0.2	< 0.38	< 0.2
Chrysene	218019	NA	0.0281 J	< 0.2	0.314	< 0.2	< 0.38	< 0.2
Dibenz(A,H)Anthracene	53703	NA	< 0.19	< 0.2	0.038 J	< 0.2	< 0.38	< 0.2
Dibenzofuran	132649	NA	< 0.19	< 0.2	0.0417 J	< 0.2	< 0.38	< 0.2
Diethyl Phthalate	84662	NA	< 0.39	< 0.4	< 0.39	< 0.4	< 0.76	< 0.4
Dimethyl Phthalate	131113	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Di-N-Butyl Phthalate	84742	NA	< 0.39	< 0.4	< 0.39	< 0.4	6.17	< 0.4
Di-N-Octyl Phthalate	117840	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Fluoranthene	206440	NA	0.0378 J	< 0.2	0.473	< 0.2	< 0.38	< 0.2
Fluorene	86737	NA	< 0.19	< 0.2	0.0557 J	< 0.2	< 0.38	< 0.2
Hexachloro-1,3-Cyclopentadiene	77474	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Hexachlorobenzene	118741	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Hexachlorobutadiene	87683	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Hexachloroethane	67721	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Indeno(1,2,3-Cd)Pyrene	193395	NA	< 0.19	< 0.2	0.137 J	< 0.2	< 0.38	< 0.2
Isophorone	78591	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
M-,P-Cresol Mixture	15831104	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Naphthalene	91203	NA	< 0.19	< 0.2	0.0232 J	< 0.2	< 0.38	< 0.2
Nitrobenzene	98953	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
N-Nitrosodimethylamine	62759	NA	< 0.39	< 0.4	< 0.39	< 0.4	< 0.76	< 0.4
N-Nitrosodi-N-Propylamine	621647	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
N-Nitrosodiphenylamine	86306	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Pentachlorophenol	87865	NA	< 0.97	< 0.99	< 0.98	< 1	< 1.9	< 1
Phenanthrene	85018	NA	0.0402 J	< 0.2	0.501	< 0.2	< 0.38	< 0.2
Phenol	108952	NA	< 0.19	< 0.2	< 0.2	< 0.2	< 0.38	< 0.2
Pyrene	129000	NA	0.0324 J	< 0.2	0.455	< 0.2	< 0.38	< 0.2
Pyridine	110861	NA	< 0.39	< 0.4	< 0.39	< 0.4	< 0.76	< 0.4
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	< 0.019	< 0.019	< 0.019	< 0.02	< 1.9	< 0.02
Pcb- 1221	11104282	NA	< 0.019	< 0.019	< 0.019	< 0.02	< 1.9	< 0.02
Pcb- 1232	11141165	NA	< 0.019	< 0.019	< 0.019	< 0.02	< 1.9	< 0.02
Pcb- 1242	53469219	NA	< 0.019	< 0.019	< 0.019	< 0.02	< 1.9	< 0.02
Pcb- 1248	12672296	NA	< 0.019	< 0.019	< 0.019	< 0.02	< 1.9	< 0.02
Pcb- 1254	11097691	NA	< 0.019	< 0.019	< 0.019	0.0136 J	< 1.9	< 0.02
Pcb- 1260	11096825	NA	< 0.019	< 0.019	< 0.019	< 0.02	< 1.9	< 0.02
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	5.69 J	19.200001	14	4.87 J	26.6	< 10

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification	A8-1-INT	BC-1-0.5	BC-1-2	BC-2-0.5	BC-2-2	BC-3-0.5	BC-3-2
Sample Depth	17	0.5	2	0.5	2	0.5	2
Date Collected	10/1/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013
Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area	Central	Central	Central	Central	Central	Central	Central
Area/SWMU	Area 8	BC	BC	BC	BC	BC	BC
Surface/subsurface	Subsurface	Surface	Surface	Surface	Surface	Surface	Surface
Constituent / CAS No.							
Herbicides/Pesticides (mg/kg)							
2,4,5-T 93765	NA	< 0.038	< 0.04	< 0.038	< 0.04	< 0.038	< 0.079
2,4-D 94757	NA	< 0.38	< 0.4	< 0.38	< 0.4	< 0.38	< 0.79
2,4-Db 94826	NA	< 0.38	< 0.4	< 0.38	< 0.4	< 0.38	< 0.79
4,4'-DDD 72548	NA	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.076	< 0.004
4,4'-DDE 72559	NA	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.076	< 0.004
4,4'-DDT 50293	NA	< 0.0039	< 0.0039	< 0.0039	0.001 J	< 0.076	< 0.004
Aldrin 309002	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Alpha-BHC 319846	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Beta-BHC 319857	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Delta-BHC 319868	NA	< 0.0019	< 0.02 R	< 0.0019	< 0.002	< 0.038	< 0.002
Alpha-Chlordane 5103719	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	0.0273 J	< 0.002
Dalapon 75990	NA	< 1.9	< 2	< 1.9	< 2	< 1.9	< 3.9
Dicamba 1918009	NA	< 0.038	< 0.04	< 0.038	< 0.04	< 0.038	< 0.079
Dichoroprop 120365	NA	< 0.38	< 0.4	< 0.38	< 0.4	< 0.38	< 0.79
Dieldrin 60571	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Dinoseb 88857	NA	< 0.95	< 0.99	< 1.9	< 2	< 0.95	< 2
Endosulfan I 959988	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Endosulfan II 33213659	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Endosulfan sulfate 1031078	NA	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.076	< 0.004
Endrin 72208	NA	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.076	< 0.004
Endrin aldehyde 7421934	NA	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.076	< 0.004
Endrin ketone 53494705	NA	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.076	< 0.004
Gamma-BHC 58899	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Gamma-Chlordane 5103742	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	0.0473	< 0.002
Heptachlor 76448	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	< 0.038	< 0.002
Heptachlor epoxide 1024573	NA	< 0.0019	< 0.002	< 0.0019	< 0.002	0.0191 J	< 0.002
Mcpa 94746	NA	< 38	< 40	< 38	< 40	< 38	< 79
Mcpp 93652	NA	< 38	< 40	< 38	< 40	< 38	< 79
Methoxychlor 72435	NA	< 0.0039	< 0.0039	< 0.0039	< 0.004	< 0.076	< 0.004
Pentachlorophenol 87865	NA	< 0.038	< 0.04	< 0.038	< 0.04	0.057	< 0.079
Silvex (2,4,5-TP) 93721	NA	< 0.038	< 0.04	< 0.038	< 0.04	< 0.038	< 0.079
Toxaphene 8001352	NA	< 0.097	< 0.099	< 0.097	< 0.1	2.15	< 0.1
Total Metals (mg/kg)							
Aluminum 7429905	NA	15800	21600	16000	21100	16200	16400
Antimony 7440360	NA	< 4.8	< 5.5	< 5	< 5.1	< 4.5	< 4.4
Arsenic 7440382	NA	7.9	6.7	8.3	6	6.2	4.5
Barium 7440393	NA	180	254	234	186	194	133
Beryllium 7440417	NA	< 1.2	< 1.4	< 1.3	< 1.3	< 1.1	< 1.1
Boron 7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium 7440439	NA	< 0.97	< 1.1	1.3	< 1	< 0.9	< 0.88
Calcium 7440702	NA	5480	4760	5890	4060	5520	3710
Chromium 7440473	NA	18.200001	20.1	20	19.5	18.200001	15.8
Cobalt 7440484	NA	< 12	< 14	< 13	< 13	< 11	< 11

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification	A8-1-INT	BC-1-0.5	BC-1-2	BC-2-0.5	BC-2-2	BC-3-0.5	BC-3-2
Sample Depth	17	0.5	2	0.5	2	0.5	2
Date Collected	10/1/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013
Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area	Central	Central	Central	Central	Central	Central	Central
Area/SWMU	Area 8	BC	BC	BC	BC	BC	BC
Surface/subsurface	Subsurface	Surface	Surface	Surface	Surface	Surface	Surface
Constituent / CAS No.							
Total metals (mg/kg) (continued)							
Copper 7440508	NA	20.200001	14.3	33.700001	16.4	17.700001	11.8
Iron 7439896	NA	17900	21200	21300	20000	16600	15600
Lead 7439921	NA	66.300003	15.7	128	14.3	45.5	13
Lithium 7439932	NA	NA	NA	NA	NA	NA	NA
Manganese 7439965	NA	404	262	396	342	396	261
Magnesium 7439954	NA	4280	5660	4180	5270	3860	4260
Mercury 7439976	NA	0.055	< 0.044	0.072	< 0.046	0.044	< 0.045
Molybdenum 7439987	NA	< 12	< 14	< 13	< 13	< 11	< 11
Nickel 7440020	NA	21.200001	18.6	25.4	18.9	16.6	15.5
Potassium 7440097	NA	3370	3240	3580	3490	3150	2400
Selenium 7782492	NA	< 4.8	< 5.5	< 5	< 5.1	< 4.5	< 4.4
Silver 7440224	NA	< 2.4	< 2.8	< 2.5	< 2.5	< 2.3	< 2.2
Sodium 7440235	NA	< 2400	< 2800	< 2500	< 2500	< 2300	< 2200
Strontium (Total) 7440246	NA	60.099998	63	75.699997	58.599998	51.5	51.599998
Thallium 7440280	NA	< 2.4	< 2.8	< 2.5	< 2.5	< 2.3	< 2.2
Tin 7440315	NA	< 12	< 14	< 13	< 13	< 11	< 11
Titanium 7440326	NA	102	112	118	72.199997	112	62.700001
Vanadium 7440622	NA	29.299999	39.599998	28.200001	34.200001	29.299999	24.5
Zinc 7440666	NA	151	47.599998	399	48.799999	114	40.400002
Other Parameters							
PH PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon 1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		BC-4-0.5		BC-4-2		BC-5-10		BC-5-15		BC-5-20		BC-5-5		DC-1-0.5
Sample Depth		0.5		2		10		15		20		5		0.5
Date Collected		10/17/2013		10/17/2013		12/18/2013		12/18/2013		12/18/2013		12/18/2013		10/16/2013
Sample Type		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation
RA Area		Central		Central		Central		Central		Central		Central		Central
Area/SWMU		BC		BC		BC		BC		BC		BC		DC
Surface/subsurface		Surface		Surface		Subsurface		Subsurface		Subsurface		Subsurface		Surface
Constituent	CAS No.													
Volatile Organics (mg/kg)														
1,1,1,2-Tetrachloroethane	630206	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,1,1-Trichloroethane	71556	0.0029	J	0.0021		< 0.0035		< 0.003		< 0.0042		< 0.0032		0.0522
1,1,2,2-Tetrachloroethane	79345	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,1,2-Trichloroethane	79005	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,1-Dichloroethane	75343	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		0.007
1,1-Dichloroethene	75354	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		0.0056
1,1-Dichloropropene	563586	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2,3-Trichlorobenzene	87616	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2,3-Trichloropropane	96184	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2,4-Trichlorobenzene	120821	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2,4-Trimethylbenzene	95636	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2-Dibromoethane	106934	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2-Dichlorobenzene	95501	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2-Dichloroethane	107062	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,2-Dichloroethene, Total	540590	NA		NA		< 0.0035		< 0.003		< 0.0042		< 0.0032		NA
1,2-Dichloropropane	78875	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,3,5-Trimethylbenzene	108678	< 0.0044		< 0.0032		< 0.0035		0.0041		< 0.0042		< 0.0032		< 0.0031
1,3-Dichlorobenzene	541731	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,3-Dichloropropane	142289	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,4-Dichlorobenzene	106467	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
1,4-Dioxane	123911	< 0.18		< 0.13		NA		NA		NA		NA		< 0.12
2,2-Dichloropropane	594207	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
2-Butanone	78933	< 0.022		< 0.016		< 0.0069		< 0.0059		< 0.0084		< 0.0064		< 0.016
2-Chloroethyl Vinyl Ether	110758	< 0.022		< 0.016		NA		NA		NA		NA		< 0.016
2-Chlorotoluene	95498	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
2-Hexanone (methyl butyl ketone)	591786	< 0.022		< 0.016		< 0.0138		< 0.0119		< 0.0167		< 0.0127		< 0.016
3-Chloro-1,2-Dibromopropane	96128	NA		NA		< 0.0069		< 0.0059		< 0.0084		< 0.0064		NA
4-Chlorotoluene	106434	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
4-Isopropyltoluene	99876	< 0.0044		< 0.0032		< 0.0035		0.0033		< 0.0042		< 0.0032		< 0.0031
4-Methyl-2-Pentanone	108101	< 0.022		< 0.016		< 0.0069		< 0.0059		< 0.0084		< 0.0064		< 0.016
Acetone	67641	< 0.044		< 0.032		< 0.0138		< 0.0119		< 0.0167		< 0.0127		< 0.031
Acrolein	107028	< 0.022		< 0.016		NA		NA		NA		NA		< 0.016
Acrylonitrile	107131	< 0.022		< 0.016		NA		NA		NA		NA		< 0.016
Benzene	71432	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Bromobenzene	108861	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Bromochloromethane	74975	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Bromodichloromethane	75274	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Bromoform	75252	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Bromomethane	74839	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Carbon Disulfide	75150	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Carbon Tetrachloride	56235	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Chlorobenzene	108907	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031
Dibromochloromethane	124481	< 0.0044		< 0.0032		< 0.0035		< 0.003		< 0.0042		< 0.0032		< 0.0031

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		BC-4-0.5	BC-4-2	BC-5-10	BC-5-15	BC-5-20	BC-5-5	DC-1-0.5
Sample Depth		0.5	2	10	15	20	5	0.5
Date Collected		10/17/2013	10/17/2013	12/18/2013	12/18/2013	12/18/2013	12/18/2013	10/16/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		BC	BC	BC	BC	BC	BC	DC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Subsurface	Subsurface	Surface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Chloroform	67663	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Chloromethane	74873	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Cis-1,2-Dichloroethene	156592	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	0.135
Cis-1,3-Dichloropropene	10061015	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Dibromomethane	74953	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Dichlorodifluoromethane	75718	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Ethylbenzene	100414	< 0.0044	< 0.0032	< 0.0035	0.0286	< 0.0042	< 0.0032	< 0.0031
Hexachlorobutadiene	87683	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Isopropylbenzene	98828	< 0.0044	< 0.0032	< 0.0035	0.008	< 0.0042	< 0.0032	< 0.0031
M,P-Xylenes	179601231	< 0.0088	< 0.0064	NA	NA	NA	NA	< 0.0062
Methyl Tert-Butyl Ether	1634044	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Methylene Chloride	75092	< 0.0088	< 0.0064	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0062
Naphthalene	91203	< 0.0044	< 0.0032	< 0.0069	0.0149	< 0.0084	< 0.0064	< 0.0031
N-Butylbenzene	104518	< 0.0044	< 0.0032	< 0.0035	0.0352	< 0.0042	< 0.0032	< 0.0031
N-Propylbenzene	103651	< 0.0044	< 0.0032	< 0.0035	0.0542	< 0.0042	< 0.0032	< 0.0031
O-Xylene	95476	< 0.0044	< 0.0032	NA	NA	NA	NA	< 0.0031
Sec-Butylbenzene	135988	< 0.0044	< 0.0032	< 0.0035	0.0172	< 0.0042	< 0.0032	< 0.0031
Styrene	100425	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Tert-Butylbenzene	98066	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Tetrachloroethene	127184	0.0079	0.008	< 0.0035	< 0.003	< 0.0042	< 0.0032	0.214
Toluene	108883	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	0.0063
Total Xylenes	1330207	< 0.0088	< 0.0064	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0062
Trans-1,2-Dichloroethene	156605	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	0.0021 J
Trans-1,3-Dichloropropene	10061026	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Trichloroethene	79016	0.0027 J	0.0014 J	< 0.0035	< 0.003	< 0.0042	< 0.0032	0.166
Trichlorofluoromethane	75694	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Vinyl Acetate	108054	< 0.022	< 0.016	NA	NA	NA	NA	< 0.016
Vinyl Chloride	75014	< 0.0044	< 0.0032	< 0.0035	< 0.003	< 0.0042	< 0.0032	< 0.0031
Dibromochloropropane (DBCP)	67708832	< 0.0044	< 0.0032	NA	NA	NA	NA	< 0.0031
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	BC-4-0.5 / 0.5 / 10/17/2013 / Investigation / Central / BC / Surface	BC-4-2 / 2 / 10/17/2013 / Investigation / Central / BC / Surface	BC-5-10 / 10 / 12/18/2013 / Investigation / Central / BC / Subsurface	BC-5-15 / 15 / 12/18/2013 / Investigation / Central / BC / Subsurface	BC-5-20 / 20 / 12/18/2013 / Investigation / Central / BC / Subsurface	BC-5-5 / 5 / 12/18/2013 / Investigation / Central / BC / Subsurface	DC-1-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
1,2-Dichlorobenzene	95501	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
1,2-Diphenylhydrazine	122667	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
1,3-Dichlorobenzene	541731	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
1,4-Dichlorobenzene	106467	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
1-Methylnaphthalene	90120	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2,4,5-Trichlorophenol	95954	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2,4,6-Trichlorophenol	88062	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2,4-Dichlorophenol	120832	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2,4-Dimethylphenol	105679	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2,4-Dinitrophenol	51285	< 0.94	< 0.96	NA	NA	NA	NA	< 1
2,4-Dinitrotoluene	121142	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2,6-Dinitrotoluene	606202	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2-Chloronaphthalene	91587	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2-Chlorophenol	95578	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2-Methylnaphthalene	91576	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2-Methylphenol	95487	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2-Nitroaniline	88744	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
2-Nitrophenol	88755	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
3,3'-Dichlorobenzidine	91941	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
3-Nitroaniline	99092	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
4,6-Dinitro-2-Methylphenol	534521	< 0.38	< 0.39	NA	NA	NA	NA	< 0.4
4-Bromophenyl Phenyl Ether	101553	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
4-Chloro-3-Methylphenol	59507	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
4-Chloroaniline	106478	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
4-Chlorophenyl Phenyl Ether	7005723	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
4-Nitroaniline	100016	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
4-Nitrophenol	100027	< 0.94	< 0.96	NA	NA	NA	NA	< 1
Acenaphthene	83329	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
Acenaphthylene	208968	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
Aniline	62533	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
Anthracene	120127	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
Benzidine	92875	< 1.9	< 1.9	NA	NA	NA	NA	< 2
Benzo(A)Anthracene	56553	0.0389 J	0.0206 J	NA	NA	NA	NA	< 0.2
Benzo(A)Pyrene	50328	0.0369 J	0.0259 J	NA	NA	NA	NA	< 0.2
Benzo(B)Fluoranthene	205992	0.0444 J	0.0322 J	NA	NA	NA	NA	0.0279 J
Benzo(G,H,I)Perylene	191242	0.0275 J	0.0244 J	NA	NA	NA	NA	< 0.2
Benzo(K)Fluoranthene	207089	0.0382 J	0.0274 J	NA	NA	NA	NA	< 0.2
Benzoic Acid	65850	< 0.94	< 0.96	NA	NA	NA	NA	< 1
Benzyl Alcohol	100516	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
Bis(2-Chloroethoxy)Methane	111911	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
Bis(2-Chloroethyl)Ether	111444	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2
Bis(2-Chloroisopropyl)Ether	108601	< 0.19	< 0.19	NA	NA	NA	NA	< 0.2

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		BC-4-0.5		BC-4-2		BC-5-10	BC-5-15	BC-5-20	BC-5-5	DC-1-0.5	
Sample Depth		0.5		2		10	15	20	5	0.5	
Date Collected		10/17/2013		10/17/2013		12/18/2013	12/18/2013	12/18/2013	12/18/2013	10/16/2013	
Sample Type		Investigation		Investigation		Investigation	Investigation	Investigation	Investigation	Investigation	
RA Area		Central		Central		Central	Central	Central	Central	Central	
Area/SWMU		BC		BC		BC	BC	BC	BC	DC	
Surface/subsurface		Surface		Surface		Subsurface	Subsurface	Subsurface	Subsurface	Surface	
Constituent	CAS No.										
Semi-Volatile Organics (mg/kg) (continued)											
Bis(2-Ethylhexyl) Phthalate	117817	< 0.38		< 0.39		NA	NA	NA	NA	< 0.4	
Butyl Benzyl Phthalate	85687	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Carbazole	86748	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Chrysene	218019	0.0486	J	0.0291	J	NA	NA	NA	NA	0.0208	J
Dibenz(A,H)Anthracene	53703	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Dibenzofuran	132649	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Diethyl Phthalate	84662	< 0.38		< 0.39		NA	NA	NA	NA	< 0.4	
Dimethyl Phthalate	131113	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Di-N-Butyl Phthalate	84742	0.22	J	0.109	J	NA	NA	NA	NA	< 0.4	
Di-N-Octyl Phthalate	117840	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Fluoranthene	206440	0.0629	J	0.028	J	NA	NA	NA	NA	0.0322	J
Fluorene	86737	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Hexachloro-1,3-Cyclopentadiene	77474	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Hexachlorobenzene	118741	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Hexachlorobutadiene	87683	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Hexachloroethane	67721	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Indeno(1,2,3-Cd)Pyrene	193395	0.0324	J	0.0253	J	NA	NA	NA	NA	< 0.2	
Isophorone	78591	0.0421	J	0.042	J	NA	NA	NA	NA	< 0.2	
M-,P-Cresol Mixture	15831104	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Naphthalene	91203	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Nitrobenzene	98953	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
N-Nitrosodimethylamine	62759	< 0.38		< 0.39		NA	NA	NA	NA	< 0.4	
N-Nitrosodi-N-Propylamine	621647	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
N-Nitrosodiphenylamine	86306	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Pentachlorophenol	87865	< 0.94		< 0.96		NA	NA	NA	NA	< 1	
Phenanthrene	85018	0.0426	J	0.0226	J	NA	NA	NA	NA	0.024	J
Phenol	108952	< 0.19		< 0.19		NA	NA	NA	NA	< 0.2	
Pyrene	129000	0.0506	J	0.024	J	NA	NA	NA	NA	0.0327	J
Pyridine	110861	< 0.38		< 0.39		NA	NA	NA	NA	< 0.4	
PCBs (mg/kg)											
Pcb- 1016	12674112	< 0.38		< 0.019		NA	NA	NA	NA	< 0.02	
Pcb- 1221	11104282	< 0.38		< 0.019		NA	NA	NA	NA	< 0.02	
Pcb- 1232	11141165	< 0.38		< 0.019		NA	NA	NA	NA	< 0.02	
Pcb- 1242	53469219	< 0.38		< 0.019		NA	NA	NA	NA	< 0.02	
Pcb- 1248	12672296	< 0.38		< 0.019		NA	NA	NA	NA	< 0.02	
Pcb- 1254	11097691	< 0.38		< 0.019		NA	NA	NA	NA	< 0.02	
Pcb- 1260	11096825	< 0.38		< 0.019		NA	NA	NA	NA	< 0.02	
Total Petroleum Hydrocarbons (TPH) (mg/kg)											
DRO (C10-C28) Range	DRO	12.5		6.7	J	NA	NA	NA	NA	< 10	

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		BC-4-0.5	BC-4-2	BC-5-10	BC-5-15	BC-5-20	BC-5-5	DC-1-0.5
Sample Depth		0.5	2	10	15	20	5	0.5
Date Collected		10/17/2013	10/17/2013	12/18/2013	12/18/2013	12/18/2013	12/18/2013	10/16/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		BC	BC	BC	BC	BC	BC	DC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Subsurface	Subsurface	Surface
Constituent	CAS No.							
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.038	< 0.038	NA	NA	NA	NA	< 0.081
2,4-D	94757	< 0.38	< 0.38	NA	NA	NA	NA	< 0.81
2,4-Db	94826	< 0.38	< 0.38	NA	NA	NA	NA	< 0.81
4,4'-DDD	72548	< 0.038	< 0.0038	NA	NA	NA	NA	< 0.004
4,4'-DDE	72559	< 0.038	< 0.0038	NA	NA	NA	NA	< 0.004
4,4'-DDT	50293	< 0.038	0.0028 J	NA	NA	NA	NA	< 0.004
Aldrin	309002	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Alpha-BHC	319846	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Beta-BHC	319857	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Delta-BHC	319868	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Alpha-Chlordane	5103719	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Dalapon	75990	< 1.9	< 1.9	NA	NA	NA	NA	< 4
Dicamba	1918009	< 0.038	< 0.038	NA	NA	NA	NA	< 0.081
Dichoroprop	120365	< 0.38	< 0.38	NA	NA	NA	NA	< 0.81
Dieldrin	60571	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Dinoseb	88857	< 0.96	< 1.9	NA	NA	NA	NA	< 2
Endosulfan I	959988	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Endosulfan II	33213659	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Endosulfan sulfate	1031078	< 0.038	0.0027 J	NA	NA	NA	NA	< 0.004
Endrin	72208	< 0.038	< 0.0038	NA	NA	NA	NA	< 0.004
Endrin aldehyde	7421934	< 0.038	0.0013 J	NA	NA	NA	NA	< 0.004
Endrin ketone	53494705	< 0.038	< 0.0038	NA	NA	NA	NA	< 0.004
Gamma-BHC	58899	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Gamma-Chlordane	5103742	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Heptachlor	76448	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Heptachlor epoxide	1024573	< 0.019	< 0.0019	NA	NA	NA	NA	< 0.002
Mcpa	94746	< 38	< 38	NA	NA	NA	NA	< 81
Mcpp	93652	< 38	< 38	NA	NA	NA	NA	< 81
Methoxychlor	72435	< 0.038	< 0.0038	NA	NA	NA	NA	< 0.004
Pentachlorophenol	87865	< 0.038	< 0.038	NA	NA	NA	NA	< 0.081
Silvex (2,4,5-TP)	93721	< 0.038	< 0.038	NA	NA	NA	NA	< 0.081
Toxaphene	8001352	< 0.96	< 0.096	NA	NA	NA	NA	< 0.1
Total Metals (mg/kg)								
Aluminum	7429905	15000	17700	NA	NA	NA	NA	10200
Antimony	7440360	< 4.8	< 5.4	< 1	< 0.87	< 1.1	< 1.2	< 1.1
Arsenic	7440382	5.9	6.6	2.7	2.1	< 1.1	5	3.9
Barium	7440393	174	167	69.300003	114	19.5	110	89.699997
Beryllium	7440417	< 1.2	< 1.3	0.26	0.39	< 0.11	0.96	0.46
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	< 0.96	< 1.1	< 0.51	< 0.44	< 0.54	< 0.58	0.29
Calcium	7440702	5740	7560	NA	NA	NA	NA	2370
Chromium	7440473	175	73.699997	6	8.9	1.3	19.700001	10.5
Cobalt	7440484	< 12	< 13	3.6	4	1.1	6.8	4.3

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	BC-4-0.5 / 0.5 / 10/17/2013 / Investigation / Central / BC / Surface	BC-4-2 / 2 / 10/17/2013 / Investigation / Central / BC / Surface	BC-5-10 / 10 / 12/18/2013 / Investigation / Central / BC / Subsurface	BC-5-15 / 15 / 12/18/2013 / Investigation / Central / BC / Subsurface	BC-5-20 / 20 / 12/18/2013 / Investigation / Central / BC / Subsurface	BC-5-5 / 5 / 12/18/2013 / Investigation / Central / BC / Subsurface	DC-1-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface
Total metals (mg/kg) (continued)								
Copper	7440508	18.200001	23.200001	5.4	7.7	1.2	12	9.5
Iron	7439896	16600	20200	NA	NA	NA	NA	12200
Lead	7439921	575	237	5.6	5.7	1.2	9.5	18.1
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	349	421	NA	NA	NA	NA	202
Magnesium	7439954	3620	4350	NA	NA	NA	NA	2520
Mercury	7439976	0.044	< 0.045	NA	NA	NA	NA	< 0.046
Molybdenum	7439987	< 12	< 13	< 2	< 1.7	< 2.2	< 2.3	< 2.9
Nickel	7440020	16.9	20.700001	7.7	8.2	1.7	15.6	10.2
Potassium	7440097	2990	3440	NA	NA	NA	NA	1900
Selenium	7782492	< 4.8	< 5.4	< 1.5	< 1.3	< 1.6	< 1.8	1.1
Silver	7440224	< 2.4	< 2.7	< 0.72	< 0.61	< 0.76	< 0.82	< 0.57
Sodium	7440235	< 2400	< 2700	NA	NA	NA	NA	< 570
Strontium (Total)	7440246	61.200001	64.699997	NA	NA	NA	NA	36.700001
Thallium	7440280	< 2.4	< 2.7	< 2	< 1.7	< 2.2	< 2.3	< 1.1
Tin	7440315	13	< 13	NA	NA	NA	NA	< 2.9
Titanium	7440326	149	143	NA	NA	NA	NA	160
Vanadium	7440622	27.5	31.9	19.9	18.799999	3.5	30.200001	22.299999
Zinc	7440666	160	153	21.299999	28.799999	< 10.8	39.799999	44.200001
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-10-0.5		DC-10-2		DC-11-0.5		DC-11-2		DC-1-2		DC-12-0.5		DC-12-2	
Sample Depth		0.5		2		0.5		2		2		0.5		2	
Date Collected		10/9/2013		10/9/2013		10/9/2013		10/9/2013		10/16/2013		10/9/2013		10/9/2013	
Sample Type		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation	
RA Area		Central		Central		Central		Central		Central		Central		Central	
Area/SWMU		DC		DC		DC		DC		DC		DC		DC	
Surface/subsurface		Surface		Surface		Surface		Surface		Surface		Surface		Surface	
Constituent	CAS No.														
Volatile Organics (mg/kg)															
1,1,1,2-Tetrachloroethane	630206	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,1,1-Trichloroethane	71556	0.0038	J	< 0.0041		< 0.0043		< 0.0038		0.291		1.83	J	0.237	J
1,1,2,2-Tetrachloroethane	79345	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,1,2-Trichloroethane	79005	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,1-Dichloroethane	75343	< 0.0048		< 0.0041		< 0.0043		< 0.0038		0.0152		0.0346	J	0.0216	
1,1-Dichloroethene	75354	< 0.0048		< 0.0041		< 0.0043		< 0.0038		0.0134		0.045	J	0.0142	
1,1-Dichloropropene	563586	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2,3-Trichlorobenzene	87616	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2,3-Trichloropropane	96184	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2,4-Trichlorobenzene	120821	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2,4-Trimethylbenzene	95636	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2-Dibromoethane	106934	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2-Dichlorobenzene	95501	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2-Dichloroethane	107062	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,2-Dichloroethene, Total	540590	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	78875	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,3,5-Trimethylbenzene	108678	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,3-Dichlorobenzene	541731	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,3-Dichloropropane	142289	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,4-Dichlorobenzene	106467	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
1,4-Dioxane	123911	< 0.19		< 0.16		< 0.17		< 0.15		< 0.12		< 0.18	J	< 0.18	
2,2-Dichloropropane	594207	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
2-Butanone	78933	< 0.024		< 0.02		0.0116	J	< 0.019		< 0.015		< 0.023	J	< 0.023	
2-Chloroethyl Vinyl Ether	110758	< 0.024		< 0.02		< 0.022		< 0.019		< 0.015		< 0.023	J	< 0.023	R
2-Chlorotoluene	95498	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
2-Hexanone (methyl butyl ketone)	591786	< 0.024		< 0.02		< 0.022		< 0.019		< 0.015		< 0.023	J	< 0.023	
3-Chloro-1,2-Dibromopropane	96128	NA		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene	106434	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
4-Isopropyltoluene	99876	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
4-Methyl-2-Pentanone	108101	< 0.024		< 0.02		< 0.022		< 0.019		< 0.015		< 0.023	J	< 0.023	
Acetone	67641	< 0.048		< 0.041		0.0699		< 0.038		0.0123	J	< 0.046	J	< 0.046	
Acrolein	107028	< 0.024		< 0.02		< 0.022		< 0.019		< 0.015		< 0.023	J	< 0.023	
Acrylonitrile	107131	< 0.024		< 0.02		< 0.022		< 0.019		< 0.015		< 0.023	J	< 0.023	
Benzene	71432	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Bromobenzene	108861	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Bromochloromethane	74975	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Bromodichloromethane	75274	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Bromoform	75252	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Bromomethane	74839	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Carbon Disulfide	75150	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	R	< 0.0046	R
Carbon Tetrachloride	56235	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Chlorobenzene	108907	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	
Dibromochloromethane	124481	< 0.0048		< 0.0041		< 0.0043		< 0.0038		< 0.0031		< 0.0046	J	< 0.0046	

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-10-0.5	DC-10-2	DC-11-0.5	DC-11-2	DC-1-2	DC-12-0.5	DC-12-2
Sample Depth		0.5	2	0.5	2	2	0.5	2
Date Collected		10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/16/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Surface	Surface	Surface	Surface	Surface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Chloroform	67663	< 0.0048	< 0.0041	< 0.0043	< 0.0038	0.00066 J	0.002 J	< 0.0046
Chloromethane	74873	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Cis-1,2-Dichloroethene	156592	< 0.0048	< 0.0041	< 0.0043	< 0.0038	0.503	2.94 J	0.26
Cis-1,3-Dichloropropene	10061015	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Dibromomethane	74953	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Dichlorodifluoromethane	75718	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Ethylbenzene	100414	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Hexachlorobutadiene	87683	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Isopropylbenzene	98828	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
M,P-Xylenes	179601231	< 0.0096	< 0.0082	< 0.0087	< 0.0076	< 0.0062	< 0.0092 J	< 0.0091
Methyl Tert-Butyl Ether	1634044	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 R	< 0.0046 R
Methylene Chloride	75092	< 0.0096	< 0.0082	< 0.0087	< 0.0076	< 0.0062	< 0.0092 J	< 0.0091
Naphthalene	91203	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
N-Butylbenzene	104518	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
N-Propylbenzene	103651	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
O-Xylene	95476	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Sec-Butylbenzene	135988	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Styrene	100425	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Tert-Butylbenzene	98066	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Tetrachloroethene	127184	0.0132	0.003 J	< 0.0043	< 0.0038	2.24	43.6 J	4.95
Toluene	108883	< 0.0048	< 0.0041	< 0.0043	< 0.0038	0.0011 J	< 0.0046 J	< 0.0046
Total Xylenes	1330207	< 0.0096	< 0.0082	< 0.0087	< 0.0076	< 0.0062	< 0.0092	< 0.0091
Trans-1,2-Dichloroethene	156605	< 0.0048	< 0.0041	< 0.0043	< 0.0038	0.0033	0.0147 J	0.0072
Trans-1,3-Dichloropropene	10061026	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Trichloroethene	79016	< 0.0048	< 0.0041	< 0.0043	< 0.0038	0.695	13.7 J	0.742
Trichlorofluoromethane	75694	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Vinyl Acetate	108054	< 0.024	< 0.02	< 0.022	< 0.019	< 0.015	< 0.023 J	< 0.023
Vinyl Chloride	75014	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
Dibromochloropropane (DBCP)	67708832	< 0.0048	< 0.0041	< 0.0043	< 0.0038	< 0.0031	< 0.0046 J	< 0.0046
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-10-0.5	DC-10-2	DC-11-0.5	DC-11-2	DC-1-2	DC-12-0.5	DC-12-2
	Sample Depth	0.5	2	0.5	2	2	0.5	2
	Date Collected	10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/16/2013	10/9/2013	10/9/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
1,2-Dichlorobenzene	95501	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
1,2-Diphenylhydrazine	122667	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
1,3-Dichlorobenzene	541731	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
1,4-Dichlorobenzene	106467	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
1-Methylnaphthalene	90120	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2,4,5-Trichlorophenol	95954	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2,4,6-Trichlorophenol	88062	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2,4-Dichlorophenol	120832	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2,4-Dimethylphenol	105679	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2,4-Dinitrophenol	51285	< 1.1	< 1	< 1	< 1.1	< 1.1	< 1	< 1
2,4-Dinitrotoluene	121142	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2,6-Dinitrotoluene	606202	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2-Chloronaphthalene	91587	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2-Chlorophenol	95578	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2-Methylnaphthalene	91576	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2-Methylphenol	95487	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2-Nitroaniline	88744	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
2-Nitrophenol	88755	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
3,3'-Dichlorobenzidine	91941	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
3-Nitroaniline	99092	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
4,6-Dinitro-2-Methylphenol	534521	< 0.42	< 0.41	< 0.42	< 0.43	< 0.42	< 0.42	< 0.41
4-Bromophenyl Phenyl Ether	101553	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
4-Chloro-3-Methylphenol	59507	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
4-Chloroaniline	106478	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
4-Chlorophenyl Phenyl Ether	7005723	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
4-Nitroaniline	100016	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
4-Nitrophenol	100027	< 1.1	< 1	< 1	< 1.1	< 1.1	< 1	< 1
Acenaphthene	83329	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Acenaphthylene	208968	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Aniline	62533	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Anthracene	120127	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Benzidine	92875	< 2.1	< 2	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzo(A)Anthracene	56553	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Benzo(A)Pyrene	50328	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Benzo(B)Fluoranthene	205992	0.0319 J	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Benzo(G,H,I)Perylene	191242	0.0211 J	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Benzo(K)Fluoranthene	207089	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Benzoic Acid	65850	< 1.1	< 1	< 1	< 1.1	< 1.1	< 1	< 1
Benzyl Alcohol	100516	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Bis(2-Chloroethoxy)Methane	111911	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Bis(2-Chloroethyl)Ether	111444	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Bis(2-Chloroisopropyl)Ether	108601	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-10-0.5	DC-10-2	DC-11-0.5	DC-11-2	DC-1-2	DC-12-0.5	DC-12-2
Sample Depth		0.5	2	0.5	2	2	0.5	2
Date Collected		10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/16/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Surface	Surface	Surface	Surface	Surface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.42	< 0.41	< 0.42	< 0.43	< 0.42	< 0.42	< 0.41
Butyl Benzyl Phthalate	85687	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Carbazole	86748	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Chrysene	218019	0.0367 J	< 0.2	< 0.21	< 0.21	< 0.21	0.0218 J	< 0.21
Dibenz(A,H)Anthracene	53703	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Dibenzofuran	132649	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Diethyl Phthalate	84662	< 0.42	< 0.41	< 0.42	< 0.43	< 0.42	< 0.42	< 0.41
Dimethyl Phthalate	131113	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Di-N-Butyl Phthalate	84742	< 0.42	< 0.41	< 0.42	< 0.43	< 0.42	< 0.42	< 0.41
Di-N-Octyl Phthalate	117840	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Fluoranthene	206440	0.0386 J	< 0.2	0.0218 J	< 0.21	< 0.21	0.0246 J	< 0.21
Fluorene	86737	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Hexachloro-1,3-Cyclopentadiene	77474	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Hexachlorobenzene	118741	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Hexachlorobutadiene	87683	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Hexachloroethane	67721	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Indeno(1,2,3-Cd)Pyrene	193395	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Isophorone	78591	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
M-,P-Cresol Mixture	15831104	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Naphthalene	91203	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Nitrobenzene	98953	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
N-Nitrosodimethylamine	62759	< 0.42	< 0.41	< 0.42	< 0.43	< 0.42	< 0.42	< 0.41
N-Nitrosodi-N-Propylamine	621647	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
N-Nitrosodiphenylamine	86306	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Pentachlorophenol	87865	< 1.1	< 1	< 1	< 1.1	< 1.1	< 1	< 1
Phenanthrene	85018	0.0514 J	< 0.2	0.0309 J	< 0.21	< 0.21	0.0276 J	< 0.21
Phenol	108952	< 0.21	< 0.2	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Pyrene	129000	0.0423 J	< 0.2	0.0243 J	< 0.21	< 0.21	0.0231 J	< 0.21
Pyridine	110861	< 0.42	< 0.41	< 0.42	< 0.43	< 0.42	< 0.42	< 0.41
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	< 0.021	NA	NA
Pcb- 1221	11104282	NA	NA	NA	NA	< 0.021	NA	NA
Pcb- 1232	11141165	NA	NA	NA	NA	< 0.021	NA	NA
Pcb- 1242	53469219	NA	NA	NA	NA	< 0.021	NA	NA
Pcb- 1248	12672296	NA	NA	NA	NA	< 0.021	NA	NA
Pcb- 1254	11097691	NA	NA	NA	NA	< 0.021	NA	NA
Pcb- 1260	11096825	NA	NA	NA	NA	< 0.021	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	5.33 J	< 10	< 10	< 11	< 11	5.99 J	< 10

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-10-0.5	DC-10-2	DC-11-0.5	DC-11-2	DC-1-2	DC-12-0.5	DC-12-2
	Sample Depth	0.5	2	0.5	2	2	0.5	2
	Date Collected	10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/16/2013	10/9/2013	10/9/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.083	< 0.032	< 0.033	< 0.034	< 0.085	< 0.041	< 0.041
2,4-D	94757	< 0.83	< 0.32	< 0.33	< 0.34	< 0.85	< 0.41	< 0.41
2,4-Db	94826	< 0.83	< 0.32	< 0.33	< 0.34	< 0.85	< 0.41	< 0.41
4,4'-DDD	72548	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
4,4'-DDE	72559	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
4,4'-DDT	50293	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
Aldrin	309002	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Alpha-BHC	319846	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Beta-BHC	319857	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Delta-BHC	319868	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Alpha-Chlordane	5103719	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Dalapon	75990	< 4.2	< 1.6	< 1.6	< 1.7	< 4.2	< 2	< 2.1
Dicamba	1918009	< 0.083	< 0.032	< 0.033	< 0.034	< 0.085	< 0.041	< 0.041
Dichoroprop	120365	< 0.83	< 0.32	< 0.33	< 0.34	< 0.85	< 0.41	< 0.41
Dieldrin	60571	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Dinoseb	88857	< 2.1	< 0.79	< 0.82	< 0.85	< 2.1	< 1	< 1
Endosulfan I	959988	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Endosulfan II	33213659	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Endosulfan sulfate	1031078	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
Endrin	72208	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
Endrin aldehyde	7421934	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
Endrin ketone	53494705	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
Gamma-BHC	58899	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Gamma-Chlordane	5103742	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Heptachlor	76448	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Heptachlor epoxide	1024573	< 0.0021	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0021	< 0.0021
Mcpa	94746	< 83	< 32	< 33	< 34	< 85	< 41	< 41
Mcpp	93652	< 83	< 32	< 33	< 34	< 85	< 41	< 41
Methoxychlor	72435	< 0.0042	< 0.0041	< 0.0041	< 0.0043	< 0.0042	< 0.0041	< 0.0041
Pentachlorophenol	87865	0.0442 J	0.0089 J	< 0.033	0.015 J	< 0.085	< 0.041	< 0.041
Silvex (2,4,5-TP)	93721	< 0.083	< 0.032	< 0.033	< 0.034	< 0.085	< 0.041	< 0.041
Toxaphene	8001352	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1	< 0.1
Total Metals (mg/kg)								
Aluminum	7429905	12000	14900	11600	14600	20500	17400	20800
Antimony	7440360	< 3.7	< 3.6	< 3.8	< 4.9	< 5.9	< 5	< 5.7
Arsenic	7440382	7.6	3.8	6	4.1	6.4	6.9	6.3
Barium	7440393	173	160	184	174	250	162	237
Beryllium	7440417	< 0.93	< 0.9	< 0.94	< 1.2	< 1.5	< 1.3	< 1.4
Boron	7440428	11	< 9.8	10.3	< 10		< 10	< 9.9
Cadmium	7440439	< 0.75	< 0.72	< 0.75	< 0.98	< 1.2	< 1	< 1.1
Calcium	7440702	3910	3180	4120	3920	3940	3940	3650
Chromium	7440473	13	13.8	12.9	14.5	19.700001	18.4	19.4
Cobalt	7440484	< 9.3	< 9	< 9.4	< 12	< 15	< 13	< 14

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-10-0.5	DC-10-2	DC-11-0.5	DC-11-2	DC-1-2	DC-12-0.5	DC-12-2
Sample Depth		0.5	2	0.5	2	2	0.5	2
Date Collected		10/9/2013	10/9/2013	10/9/2013	10/9/2013	10/16/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Surface	Surface	Surface	Surface	Surface
Total metals (mg/kg) (continued)								
Copper	7440508	17.6	13.3	17.4	12.2	13.8	17.200001	13.3
Iron	7439896	12800	14100	11400	13200	18500	17900	18500
Lead	7439921	37.799999	13.9	36.900002	13.2	18.6	29.200001	15
Lithium	7439932	< 490	< 490	< 500	< 500		< 510	< 490
Manganese	7439965	177	221	143	269	397	503	311
Magnesium	7439954	3480	3540	3610	3860	4490	4390	4500
Mercury	7439976	< 0.05	< 0.049	< 0.047	< 0.049	< 0.049	< 0.046	< 0.046
Molybdenum	7439987	< 9.3	< 9	< 9.4	< 12	< 15	< 13	< 14
Nickel	7440020	16.6	12.5	19.1	15.7	16.799999	21.9	16.5
Potassium	7440097	2670	2290	2480	< 2400	3530	3680	3250
Selenium	7782492	< 3.7	< 3.6	< 3.8	< 4.9	< 5.9	< 5	< 5.7
Silver	7440224	< 1.9	< 1.8	< 1.9	< 2.4	< 3	< 2.5	< 2.8
Sodium	7440235	< 1900	< 1800	< 1900	< 2400	< 3000	< 2500	< 2800
Strontium (Total)	7440246	51.599998	48.400002	62	58.900002	69.900002	58.5	58.799999
Thallium	7440280	< 1.9	< 1.8	< 1.9	< 2.4	< 3	< 2.5	< 2.8
Tin	7440315	< 9.3	< 9	< 9.4	< 12	< 15	< 13	< 14
Titanium	7440326	58	64.599998	61.599998	58.700001	163	119	130
Vanadium	7440622	23.1	26.299999	23.200001	25.5	37.200001	32.400002	33.400002
Zinc	7440666	97.699997	34.799999	91.5	35.200001	47.200001	91.199997	43.799999
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-13-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-13-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-13-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-14-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-14-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-15-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-15-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,1,1-Trichloroethane	71556	0.0554	0.0408	0.0291	0.0277	0.0179	2.55	0.0577
1,1,2,2-Tetrachloroethane	79345	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,1,2-Trichloroethane	79005	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,1-Dichloroethane	75343	0.0079	0.0062	0.0058	< 0.0037	< 0.0048	0.0739	0.0279
1,1-Dichloroethene	75354	0.0066	0.0051	0.004 J	0.0044	0.0016 J	0.0397	0.0074
1,1-Dichloropropene	563586	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2,3-Trichlorobenzene	87616	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2,3-Trichloropropane	96184	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2,4-Trichlorobenzene	120821	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2,4-Trimethylbenzene	95636	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2-Dibromoethane	106934	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2-Dichlorobenzene	95501	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2-Dichloroethane	107062	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,3,5-Trimethylbenzene	108678	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,3-Dichlorobenzene	541731	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,3-Dichloropropane	142289	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,4-Dichlorobenzene	106467	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
1,4-Dioxane	123911	< 0.16	< 0.15	< 0.17	< 0.15	< 0.19	< 0.15	< 0.16
2,2-Dichloropropane	594207	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
2-Butanone	78933	< 0.02	< 0.019	< 0.021	< 0.018	< 0.024	< 0.019	< 0.02
2-Chloroethyl Vinyl Ether	110758	< 0.02 R	< 0.019 R	< 0.021 R	< 0.018	< 0.024	< 0.019 R	< 0.02 R
2-Chlorotoluene	95498	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
2-Hexanone (methyl butyl ketone)	591786	< 0.02	< 0.019	< 0.021	< 0.018	< 0.024	< 0.019	< 0.02
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
4-Isopropyltoluene	99876	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
4-Methyl-2-Pentanone	108101	< 0.02	< 0.019	< 0.021	< 0.018	< 0.024	< 0.019	< 0.02
Acetone	67641	< 0.039	0.0641	< 0.042	< 0.037	< 0.048	< 0.038	< 0.04
Acrolein	107028	< 0.02	< 0.019	< 0.021	< 0.018	< 0.024	< 0.019	< 0.02
Acrylonitrile	107131	< 0.02	< 0.019	< 0.021	< 0.018	< 0.024	< 0.019	< 0.02
Benzene	71432	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	0.0022 J	< 0.004
Bromobenzene	108861	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Bromochloromethane	74975	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Bromodichloromethane	75274	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Bromoform	75252	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Bromomethane	74839	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Carbon Disulfide	75150	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Carbon Tetrachloride	56235	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Chlorobenzene	108907	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Dibromochloromethane	124481	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-13-0.5	DC-13-2	DC-13-5	DC-14-0.5	DC-14-2	DC-15-0.5	DC-15-2
Sample Depth		0.5	2	5	0.5	2	0.5	2
Date Collected		10/16/2013	10/16/2013	10/16/2013	10/9/2013	10/9/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Surface	Surface	Surface	Surface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Chloroform	67663	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	0.0038	< 0.004
Chloromethane	74873	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Cis-1,2-Dichloroethene	156592	0.0574	0.0494	0.0614	0.001 J	< 0.0048	3.85	0.478
Cis-1,3-Dichloropropene	10061015	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Dibromomethane	74953	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Dichlorodifluoromethane	75718	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Ethylbenzene	100414	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Hexachlorobutadiene	87683	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Isopropylbenzene	98828	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
M,P-Xylenes	179601231	< 0.0079	< 0.0077	< 0.0085	< 0.0073	< 0.0096	1.34	< 0.0079
Methyl Tert-Butyl Ether	1634044	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Methylene Chloride	75092	< 0.0079	< 0.0077	< 0.0085	< 0.0073	< 0.0096	< 0.0076	< 0.0081
Naphthalene	91203	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
N-Butylbenzene	104518	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
N-Propylbenzene	103651	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
O-Xylene	95476	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	0.533	< 0.004
Sec-Butylbenzene	135988	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Styrene	100425	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Tert-Butylbenzene	98066	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Tetrachloroethene	127184	0.948	0.511	0.329	0.0851	0.0935	30.8	1.69
Toluene	108883	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	0.0024 J	< 0.004
Total Xylenes	1330207	< 0.0079	< 0.0077	< 0.0085	< 0.0073	< 0.0096	1.873	< 0.0079
Trans-1,2-Dichloroethene	156605	0.0019 J	< 0.0038	< 0.0042	< 0.0037	< 0.0048	0.0355	0.0051
Trans-1,3-Dichloropropene	10061026	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Trichloroethene	79016	0.155	0.0816	0.0586	0.0278	0.0126	13.7	0.499
Trichlorofluoromethane	75694	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Vinyl Acetate	108054	< 0.02	< 0.019	< 0.021	< 0.018	< 0.024	< 0.019	< 0.02
Vinyl Chloride	75014	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
Dibromochloropropane (DBCP)	67708832	< 0.0039	< 0.0038	< 0.0042	< 0.0037	< 0.0048	< 0.0038	< 0.004
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-13-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-13-2 2 10/16/2013 Investigation Central DC Surface	DC-13-5 5 10/16/2013 Investigation Central DC Subsurface	DC-14-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-14-2 2 10/9/2013 Investigation Central DC Surface	DC-15-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-15-2 2 10/9/2013 Investigation Central DC Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
1,2-Dichlorobenzene	95501	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
1,2-Diphenylhydrazine	122667	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
1,3-Dichlorobenzene	541731	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
1,4-Dichlorobenzene	106467	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
1-Methylnaphthalene	90120	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2,4,5-Trichlorophenol	95954	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2,4,6-Trichlorophenol	88062	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2,4-Dichlorophenol	120832	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2,4-Dimethylphenol	105679	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2,4-Dinitrophenol	51285	< 1	< 0.99	NA	< 1	< 1	< 0.98	< 1
2,4-Dinitrotoluene	121142	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2,6-Dinitrotoluene	606202	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2-Chloronaphthalene	91587	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2-Chlorophenol	95578	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2-Methylnaphthalene	91576	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2-Methylphenol	95487	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2-Nitroaniline	88744	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
2-Nitrophenol	88755	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
3,3'-Dichlorobenzidine	91941	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
3-Nitroaniline	99092	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
4,6-Dinitro-2-Methylphenol	534521	< 0.42	< 0.4	NA	< 0.42	< 0.41	< 0.39	< 0.42
4-Bromophenyl Phenyl Ether	101553	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
4-Chloro-3-Methylphenol	59507	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
4-Chloroaniline	106478	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
4-Chlorophenyl Phenyl Ether	7005723	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
4-Nitroaniline	100016	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
4-Nitrophenol	100027	< 1	< 0.99	NA	< 1	< 1	< 0.98	< 1
Acenaphthene	83329	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Acenaphthylene	208968	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Aniline	62533	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Anthracene	120127	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Benzidine	92875	< 2.1	< 2	NA	< 2.1	< 2.1	< 2	< 2.1
Benzo(A)Anthracene	56553	< 0.21	< 0.2	NA	0.0212 J	< 0.21	< 0.2	< 0.21
Benzo(A)Pyrene	50328	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Benzo(B)Fluoranthene	205992	< 0.21	< 0.2	NA	0.0288 J	< 0.21	< 0.2	< 0.21
Benzo(G,H,I)Perylene	191242	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Benzo(K)Fluoranthene	207089	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Benzoic Acid	65850	< 1	< 0.99	NA	< 1	< 1	< 0.98	< 1
Benzyl Alcohol	100516	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Bis(2-Chloroethoxy)Methane	111911	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Bis(2-Chloroethyl)Ether	111444	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Bis(2-Chloroisopropyl)Ether	108601	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-13-0.5	DC-13-2	DC-13-5	DC-14-0.5	DC-14-2	DC-15-0.5	DC-15-2
Sample Depth		0.5	2	5	0.5	2	0.5	2
Date Collected		10/16/2013	10/16/2013	10/16/2013	10/9/2013	10/9/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Surface	Surface	Surface	Surface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.42	< 0.4	NA	< 0.42	< 0.41	0.0404 J	< 0.42
Butyl Benzyl Phthalate	85687	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Carbazole	86748	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Chrysene	218019	< 0.21	< 0.2	NA	0.0275 J	< 0.21	< 0.2	< 0.21
Dibenz(A,H)Anthracene	53703	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Dibenzofuran	132649	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Diethyl Phthalate	84662	< 0.42	< 0.4	NA	< 0.42	< 0.41	< 0.39	< 0.42
Dimethyl Phthalate	131113	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Di-N-Butyl Phthalate	84742	< 0.42	< 0.4	NA	< 0.42	< 0.41	0.297 J	< 0.42
Di-N-Octyl Phthalate	117840	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Fluoranthene	206440	< 0.21	< 0.2	NA	0.0321 J	< 0.21	< 0.2	< 0.21
Fluorene	86737	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Hexachloro-1,3-Cyclopentadiene	77474	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Hexachlorobenzene	118741	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Hexachlorobutadiene	87683	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Hexachloroethane	67721	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Indeno(1,2,3-Cd)Pyrene	193395	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Isophorone	78591	< 0.21	< 0.2	NA	< 0.21	< 0.21	10	0.249
M-,P-Cresol Mixture	15831104	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Naphthalene	91203	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Nitrobenzene	98953	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
N-Nitrosodimethylamine	62759	< 0.42	< 0.4	NA	< 0.42	< 0.41	< 0.39	< 0.42
N-Nitrosodi-N-Propylamine	621647	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
N-Nitrosodiphenylamine	86306	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Pentachlorophenol	87865	< 1	< 0.99	NA	< 1	< 1	< 0.98	< 1
Phenanthrene	85018	< 0.21	< 0.2	NA	0.0348 J	< 0.21	< 0.2	< 0.21
Phenol	108952	< 0.21	< 0.2	NA	< 0.21	< 0.21	< 0.2	< 0.21
Pyrene	129000	< 0.21	< 0.2	NA	0.0317 J	< 0.21	< 0.2	< 0.21
Pyridine	110861	< 0.42	< 0.4	NA	< 0.42	< 0.41	< 0.39	< 0.42
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	< 0.02	NA	NA	NA	NA	NA
Pcb- 1221	11104282	NA	< 0.02	NA	NA	NA	NA	NA
Pcb- 1232	11141165	NA	< 0.02	NA	NA	NA	NA	NA
Pcb- 1242	53469219	NA	< 0.02	NA	NA	NA	NA	NA
Pcb- 1248	12672296	NA	< 0.02	NA	NA	NA	NA	NA
Pcb- 1254	11097691	NA	< 0.02	NA	NA	NA	NA	NA
Pcb- 1260	11096825	NA	< 0.02	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	< 10	< 10	NA	< 10	< 10	21.700001	< 10

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-13-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-13-2 2 10/16/2013 Investigation Central DC Surface	DC-13-5 5 10/16/2013 Investigation Central DC Subsurface	DC-14-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-14-2 2 10/9/2013 Investigation Central DC Surface	DC-15-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-15-2 2 10/9/2013 Investigation Central DC Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.086	< 0.081	NA	< 0.041	< 0.04	< 0.039	< 0.04
2,4-D	94757	< 0.86	< 0.81	NA	< 0.41	< 0.4	< 0.39	< 0.4
2,4-Db	94826	< 0.86	< 0.81	NA	< 0.41	< 0.4	< 0.39	< 0.4
4,4'-DDD	72548	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
4,4'-DDE	72559	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
4,4'-DDT	50293	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
Aldrin	309002	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Alpha-BHC	319846	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Beta-BHC	319857	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Delta-BHC	319868	< 0.021 R	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Alpha-Chlordane	5103719	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Dalapon	75990	< 4.3	< 4.1	NA	< 2.1	< 2	< 2	< 2
Dicamba	1918009	< 0.086	< 0.081	NA	< 0.041	< 0.04	< 0.039	< 0.04
Dichoroprop	120365	< 0.86	< 0.81	NA	< 0.41	< 0.4	< 0.39	< 0.4
Dieldrin	60571	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Dinoseb	88857	< 2.1	< 2	NA	< 1	< 1	< 0.98	< 1
Endosulfan I	959988	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Endosulfan II	33213659	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Endosulfan sulfate	1031078	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
Endrin	72208	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
Endrin aldehyde	7421934	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
Endrin ketone	53494705	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
Gamma-BHC	58899	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Gamma-Chlordane	5103742	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Heptachlor	76448	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Heptachlor epoxide	1024573	< 0.0021	< 0.002	NA	< 0.0021	< 0.002	< 0.002	< 0.0021
Mcpa	94746	< 86	< 81	NA	< 41	< 40	< 39	< 40
Mcpp	93652	< 86	< 81	NA	< 41	< 40	< 39	< 40
Methoxychlor	72435	< 0.0042	< 0.004	NA	< 0.0041	< 0.0041	< 0.0039	< 0.0041
Pentachlorophenol	87865	< 0.086	< 0.081	NA	< 0.041	< 0.04	< 0.039	< 0.04
Silvex (2,4,5-TP)	93721	< 0.086	< 0.081	NA	< 0.041	< 0.04	< 0.039	< 0.04
Toxaphene	8001352	< 0.1	< 0.1	NA	< 0.1	< 0.1	< 0.098	< 0.1
Total Metals (mg/kg)								
Aluminum	7429905	15500	21200	NA	21800	20500	8410	20500
Antimony	7440360	< 5.6	< 5.3	NA	< 4.7	< 6.1	< 0.97	< 5.3
Arsenic	7440382	4.8	5.7	NA	6.5	5.7	3.4	4.9
Barium	7440393	194	274	NA	199	219	148	219
Beryllium	7440417	< 1.4	< 1.3	NA	< 1.2	< 1.5	0.64	< 1.3
Boron	7440428	NA	NA	NA	< 10	< 9.4	< 9.2	< 10
Cadmium	7440439	< 1.1	< 1.1	NA	< 0.94	< 1.2	0.53	< 1.1
Calcium	7440702	29100	3640	NA	3880	4110	13700	3760
Chromium	7440473	16.700001	19.4	NA	20.799999	19.799999	20.299999	19.200001
Cobalt	7440484	20.1	< 13	NA	< 12	< 15	4.5	< 13

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-13-0.5	DC-13-2	DC-13-5	DC-14-0.5	DC-14-2	DC-15-0.5	DC-15-2
Sample Depth		0.5	2	5	0.5	2	0.5	2
Date Collected		10/16/2013	10/16/2013	10/16/2013	10/9/2013	10/9/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Surface	Surface	Surface	Surface
Total metals (mg/kg) (continued)								
Copper	7440508	22.700001	12.1	NA	14.6	13.3	18.5	15.1
Iron	7439896	15200	19300	NA	19200	18400	17000	18700
Lead	7439921	12	13.4	NA	17.9	15.1	71.300003	14.8
Lithium	7439932	NA	NA	NA	< 520	< 470	< 460	< 520
Manganese	7439965	297	231	NA	284	301	485	470
Magnesium	7439954	4070	5090	NA	4730	4800	1940	4260
Mercury	7439976	< 0.046	< 0.048	NA	< 0.047	< 0.05	< 0.047	< 0.046
Molybdenum	7439987	< 14	< 13	NA	< 12	< 15	< 2.4	< 13
Nickel	7440020	20.200001	16.9	NA	18.4	17.9	17	17.9
Potassium	7440097	< 2800	3080	NA	4350	3850	1580	3350
Selenium	7782492	< 5.6	< 5.3	NA	< 4.7	< 6.1	< 0.97	< 5.3
Silver	7440224	< 2.8	< 2.7	NA	< 2.3	< 3.1	< 0.49	< 2.7
Sodium	7440235	< 2800	< 2700	NA	< 2300	< 3100	< 490	< 2700
Strontium (Total)	7440246	128	59.400002	NA	66.199997	71.900002	67.900002	57.799999
Thallium	7440280	< 2.8	< 2.7	NA	< 2.3	< 3.1	< 0.49	< 2.7
Tin	7440315	< 14	< 13	NA	< 12	< 15	< 2.4	< 13
Titanium	7440326	162	112	NA	159	150	134	123
Vanadium	7440622	28.700001	34.400002	NA	37.599998	35	16.6	33.200001
Zinc	7440666	36.200001	45.099998	NA	56.099998	43.900002	121	45.200001
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-16-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-16-2 2 10/16/2013 Investigation Central DC Surface	DC-16-5 5 10/16/2013 Investigation Central DC Subsurface	DC-17-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-17-0.5Dup 0.5 10/9/2013 Duplicate Central DC Surface	DC-17-10 10 10/17/2013 Investigation Central DC Subsurface	DC-17-15 15 10/17/2013 Investigation Central DC Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,1,1-Trichloroethane	71556	0.0306	0.0392	0.0823	0.0092	0.0165	0.0049	0.0087
1,1,2,2-Tetrachloroethane	79345	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,1,2-Trichloroethane	79005	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,1-Dichloroethane	75343	0.0111	0.0142	0.0287	< 0.0032	0.0013 J	0.0014 J	0.002 J
1,1-Dichloroethene	75354	0.0044	0.0044	0.0109	< 0.0032	0.0017 J	< 0.0032	< 0.0039
1,1-Dichloropropene	563586	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2,3-Trichlorobenzene	87616	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2,3-Trichloropropane	96184	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2,4-Trichlorobenzene	120821	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2,4-Trimethylbenzene	95636	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2-Dibromoethane	106934	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2-Dichlorobenzene	95501	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2-Dichloroethane	107062	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,3,5-Trimethylbenzene	108678	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,3-Dichlorobenzene	541731	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,3-Dichloropropane	142289	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,4-Dichlorobenzene	106467	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
1,4-Dioxane	123911	< 0.15	< 0.15	< 0.18	< 0.13	< 0.13	< 0.13	< 0.16
2,2-Dichloropropane	594207	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
2-Butanone	78933	< 0.019	< 0.018	< 0.022	< 0.016	< 0.016	< 0.016	< 0.02
2-Chloroethyl Vinyl Ether	110758	< 0.019 R	< 0.018 R	< 0.022 R	< 0.016	< 0.016	< 0.016	< 0.02
2-Chlorotoluene	95498	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
2-Hexanone (methyl butyl ketone)	591786	< 0.019	< 0.018	< 0.022	< 0.016	< 0.016	< 0.016	< 0.02
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
4-Isopropyltoluene	99876	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
4-Methyl-2-Pentanone	108101	< 0.019	< 0.018	< 0.022	< 0.016	< 0.016	< 0.016	< 0.02
Acetone	67641	0.0155 J	< 0.037	< 0.044	< 0.032	< 0.032	< 0.032	< 0.032
Acrolein	107028	< 0.019	< 0.018	< 0.022	< 0.016	< 0.016	< 0.016	< 0.02
Acrylonitrile	107131	< 0.019	< 0.018	< 0.022	< 0.016	< 0.016	< 0.016	< 0.02
Benzene	71432	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Bromobenzene	108861	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Bromochloromethane	74975	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Bromodichloromethane	75274	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Bromoform	75252	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Bromomethane	74839	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Carbon Disulfide	75150	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Carbon Tetrachloride	56235	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Chlorobenzene	108907	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Dibromochloromethane	124481	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-16-0.5	DC-16-2	DC-16-5	DC-17-0.5	DC-17-0.5Dup	DC-17-10	DC-17-15
Sample Depth		0.5	2	5	0.5	0.5	10	15
Date Collected		10/16/2013	10/16/2013	10/16/2013	10/9/2013	10/9/2013	10/17/2013	10/17/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Duplicate	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Surface	Surface	Subsurface	Subsurface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Chloroform	67663	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Chloromethane	74873	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Cis-1,2-Dichloroethene	156592	0.136	0.116	1.85	0.0017 J	0.0031 J	0.02	0.024
Cis-1,3-Dichloropropene	10061015	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Dibromomethane	74953	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Dichlorodifluoromethane	75718	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Ethylbenzene	100414	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Hexachlorobutadiene	87683	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Isopropylbenzene	98828	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
M,P-Xylenes	179601231	< 0.0076	< 0.0073	< 0.0088	< 0.0065	< 0.0065	< 0.0065	< 0.0078
Methyl Tert-Butyl Ether	1634044	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Methylene Chloride	75092	< 0.0076	< 0.0073	< 0.0088	< 0.0065	< 0.0065	< 0.0065	< 0.0078
Naphthalene	91203	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
N-Butylbenzene	104518	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
N-Propylbenzene	103651	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
O-Xylene	95476	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Sec-Butylbenzene	135988	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Styrene	100425	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Tert-Butylbenzene	98066	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Tetrachloroethene	127184	0.726	0.795	18.4	0.0283	0.0455	0.0446	0.0842
Toluene	108883	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Total Xylenes	1330207	< 0.0076	< 0.0073	< 0.0088	< 0.0065	< 0.0065	< 0.0065	< 0.0078
Trans-1,2-Dichloroethene	156605	0.0019 J	0.0032 J	0.0097	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Trans-1,3-Dichloropropene	10061026	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Trichloroethene	79016	0.107	0.193	5.6	0.0179	0.031	0.0115	0.0182
Trichlorofluoromethane	75694	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Vinyl Acetate	108054	< 0.019	< 0.018	< 0.022	< 0.016	< 0.016	< 0.016	< 0.016
Vinyl Chloride	75014	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
Dibromochloropropane (DBCP)	67708832	< 0.0038	< 0.0037	< 0.0044	< 0.0032	< 0.0032	< 0.0032	< 0.0039
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-16-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-16-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-16-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-17-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-17-0.5Dup / 0.5 / 10/9/2013 / Duplicate / Central / DC / Surface	DC-17-10 / 10 / 10/17/2013 / Investigation / Central / DC / Subsurface	DC-17-15 / 15 / 10/17/2013 / Investigation / Central / DC / Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
1,2-Dichlorobenzene	95501	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
1,2-Diphenylhydrazine	122667	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
1,3-Dichlorobenzene	541731	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
1,4-Dichlorobenzene	106467	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
1-Methylnaphthalene	90120	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2,4,5-Trichlorophenol	95954	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2,4,6-Trichlorophenol	88062	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2,4-Dichlorophenol	120832	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2,4-Dimethylphenol	105679	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2,4-Dinitrophenol	51285	< 1	< 0.83	NA	< 1.1	NA	NA	NA
2,4-Dinitrotoluene	121142	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2,6-Dinitrotoluene	606202	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2-Chloronaphthalene	91587	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2-Chlorophenol	95578	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2-Methylnaphthalene	91576	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2-Methylphenol	95487	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2-Nitroaniline	88744	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
2-Nitrophenol	88755	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
3,3'-Dichlorobenzidine	91941	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
3-Nitroaniline	99092	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534521	< 0.4	< 0.33	NA	< 0.42	NA	NA	NA
4-Bromophenyl Phenyl Ether	101553	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
4-Chloro-3-Methylphenol	59507	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
4-Chloroaniline	106478	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
4-Nitroaniline	100016	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
4-Nitrophenol	100027	< 1	< 0.83	NA	< 1.1	NA	NA	NA
Acenaphthene	83329	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Acenaphthylene	208968	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Aniline	62533	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Anthracene	120127	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Benzidine	92875	< 2	< 1.7	NA	< 2.1	NA	NA	NA
Benzo(A)Anthracene	56553	< 0.2	< 0.17	NA	0.0225 J	NA	NA	NA
Benzo(A)Pyrene	50328	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Benzo(B)Fluoranthene	205992	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Benzo(G,H,I)Perylene	191242	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Benzo(K)Fluoranthene	207089	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Benzoic Acid	65850	< 1	< 0.83	NA	< 1.1	NA	NA	NA
Benzyl Alcohol	100516	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Bis(2-Chloroethoxy)Methane	111911	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Bis(2-Chloroethyl)Ether	111444	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-16-0.5	DC-16-2	DC-16-5	DC-17-0.5	DC-17-0.5Dup	DC-17-10	DC-17-15
Sample Depth		0.5	2	5	0.5	0.5	10	15
Date Collected		10/16/2013	10/16/2013	10/16/2013	10/9/2013	10/9/2013	10/17/2013	10/17/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Duplicate	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Surface	Surface	Subsurface	Subsurface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.4	< 0.33	NA	0.141 J	NA	NA	NA
Butyl Benzyl Phthalate	85687	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Carbazole	86748	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Chrysene	218019	< 0.2	< 0.17	NA	0.0268 J	NA	NA	NA
Dibenz(A,H)Anthracene	53703	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Dibenzofuran	132649	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Diethyl Phthalate	84662	< 0.4	< 0.33	NA	< 0.42	NA	NA	NA
Dimethyl Phthalate	131113	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Di-N-Butyl Phthalate	84742	< 0.4	< 0.33	NA	< 0.42	NA	NA	NA
Di-N-Octyl Phthalate	117840	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Fluoranthene	206440	< 0.2	< 0.17	NA	0.0267 J	NA	NA	NA
Fluorene	86737	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Hexachlorobenzene	118741	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Hexachlorobutadiene	87683	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Hexachloroethane	67721	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Isophorone	78591	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
M-,P-Cresol Mixture	15831104	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Naphthalene	91203	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Nitrobenzene	98953	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
N-Nitrosodimethylamine	62759	< 0.4	< 0.33	NA	< 0.42	NA	NA	NA
N-Nitrosodi-N-Propylamine	621647	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
N-Nitrosodiphenylamine	86306	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Pentachlorophenol	87865	< 1	< 0.83	NA	< 1.1	NA	NA	NA
Phenanthrene	85018	< 0.2	< 0.17	NA	0.0513 J	NA	NA	NA
Phenol	108952	< 0.2	< 0.17	NA	< 0.21	NA	NA	NA
Pyrene	129000	< 0.2	< 0.17	NA	0.0315 J	NA	NA	NA
Pyridine	110861	< 0.4	< 0.33	NA	< 0.42	NA	NA	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	< 0.077	< 0.017	NA	NA	NA	NA	NA
Pcb- 1221	11104282	< 0.077	< 0.017	NA	NA	NA	NA	NA
Pcb- 1232	11141165	< 0.077	< 0.017	NA	NA	NA	NA	NA
Pcb- 1242	53469219	< 0.077	< 0.017	NA	NA	NA	NA	NA
Pcb- 1248	12672296	< 0.077	< 0.017	NA	NA	NA	NA	NA
Pcb- 1254	11097691	< 0.077	< 0.017	NA	NA	NA	NA	NA
Pcb- 1260	11096825	< 0.077	< 0.017	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	< 9.9	< 8.4	NA	< 10	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-16-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-16-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-16-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-17-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-17-0.5Dup / 0.5 / 10/9/2013 / Duplicate / Central / DC / Surface	DC-17-10 / 10 / 10/17/2013 / Investigation / Central / DC / Subsurface	DC-17-15 / 15 / 10/17/2013 / Investigation / Central / DC / Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.079	< 0.065	NA	< 0.042	NA	NA	NA
2,4-D	94757	< 0.79	< 0.65	NA	< 0.42	NA	NA	NA
2,4-Db	94826	< 0.79	< 0.65	NA	< 0.42	NA	NA	NA
4,4'-DDD	72548	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
4,4'-DDE	72559	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
4,4'-DDT	50293	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
Aldrin	309002	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Alpha-BHC	319846	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Beta-BHC	319857	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Delta-BHC	319868	< 0.02 R	< 0.017 R	NA	< 0.0021	NA	NA	NA
Alpha-Chlordane	5103719	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Dalapon	75990	< 4	< 3.2	NA	< 2.1	NA	NA	NA
Dicamba	1918009	< 0.079	< 0.065	NA	< 0.042	NA	NA	NA
Dichoroprop	120365	< 0.79	< 0.65	NA	< 0.42	NA	NA	NA
Dieldrin	60571	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Dinoseb	88857	< 2	< 1.6	NA	< 1.1	NA	NA	NA
Endosulfan I	959988	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Endosulfan II	33213659	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Endosulfan sulfate	1031078	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
Endrin	72208	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
Endrin aldehyde	7421934	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
Endrin ketone	53494705	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
Gamma-BHC	58899	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Gamma-Chlordane	5103742	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Heptachlor	76448	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Heptachlor epoxide	1024573	< 0.002	< 0.0017	NA	< 0.0021	NA	NA	NA
Mcpa	94746	< 79	< 65	NA	< 42	NA	NA	NA
Mcpp	93652	< 79	< 65	NA	< 42	NA	NA	NA
Methoxychlor	72435	< 0.004	< 0.0033	NA	< 0.0042	NA	NA	NA
Pentachlorophenol	87865	< 0.079	< 0.065	NA	< 0.042	NA	NA	NA
Silvex (2,4,5-TP)	93721	< 0.079	< 0.065	NA	< 0.042	NA	NA	NA
Toxaphene	8001352	< 0.099	< 0.083	NA	< 0.11	NA	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	16700	NA	NA	19800	NA	NA	NA
Antimony	7440360	< 5.2	NA	NA	< 6.1	NA	NA	NA
Arsenic	7440382	4.8	NA	NA	8	NA	NA	NA
Barium	7440393	203	NA	NA	225	NA	NA	NA
Beryllium	7440417	< 1.3	NA	NA	< 1.5	NA	NA	NA
Boron	7440428		NA	NA	NA	NA	NA	NA
Cadmium	7440439	< 1	NA	NA	< 1.2	NA	NA	NA
Calcium	7440702	3140	NA	NA	7780	NA	NA	NA
Chromium	7440473	15.8	NA	NA	26.299999	NA	NA	NA
Cobalt	7440484	< 13	NA	NA	< 15	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-16-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-16-2 2 10/16/2013 Investigation Central DC Surface	DC-16-5 5 10/16/2013 Investigation Central DC Subsurface	DC-17-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-17-0.5Dup 0.5 10/9/2013 Duplicate Central DC Surface	DC-17-10 10 10/17/2013 Investigation Central DC Subsurface	DC-17-15 15 10/17/2013 Investigation Central DC Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	9.4	NA	NA	21.9	NA	NA	NA
Iron	7439896	16500	NA	NA	21300	NA	NA	NA
Lead	7439921	11.3	NA	NA	35.099998	NA	NA	NA
Lithium	7439932		NA	NA	NA	NA	NA	NA
Manganese	7439965	181	NA	NA	542	NA	NA	NA
Magnesium	7439954	4070	NA	NA	4360	NA	NA	NA
Mercury	7439976	< 0.046	< 0.04	NA	< 0.05	NA	NA	NA
Molybdenum	7439987	< 13	NA	NA	< 15	NA	NA	NA
Nickel	7440020	13.1	NA	NA	23.700001	NA	NA	NA
Potassium	7440097	< 2600	NA	NA	3990	NA	NA	NA
Selenium	7782492	< 5.2	NA	NA	< 6.1	NA	NA	NA
Silver	7440224	< 2.6	NA	NA	< 3.1	NA	NA	NA
Sodium	7440235	< 2600	NA	NA	< 3100	NA	NA	NA
Strontium (Total)	7440246	48.700001	NA	NA	71.599998	NA	NA	NA
Thallium	7440280	< 2.6	NA	NA	< 3.1	NA	NA	NA
Tin	7440315	< 13	NA	NA	< 15	NA	NA	NA
Titanium	7440326	162	NA	NA	173	NA	NA	NA
Vanadium	7440622	28.799999	NA	NA	36.900002	NA	NA	NA
Zinc	7440666	37.400002	NA	NA	93.400002	NA	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-17-2		DC-17-2Dup		DC-17-5		DC-17-5Dup		DC-17-INT		DC-18-0.5		DC-18-2	
Sample Depth		2		2		5		5		15.5		0.5		2	
Date Collected		10/17/2013		10/17/2013		10/9/2013		10/9/2013		10/17/2013		10/9/2013		10/9/2013	
Sample Type		Investigation		Duplicate		Investigation		Duplicate		Investigation		Investigation		Investigation	
RA Area		Central		Central		Central		Central		Central		Central		Central	
Area/SWMU		DC		DC		DC		DC		DC		DC		DC	
Surface/subsurface		Surface		Surface		Subsurface		Subsurface		Subsurface		Surface		Surface	
Constituent	CAS No.														
Volatile Organics (mg/kg)															
1,1,1,2-Tetrachloroethane	630206			< 0.0031		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,1,1-Trichloroethane	71556	0.0168		0.0138		0.0121	J	0.024		0.0247		0.0596		< 0.24	
1,1,2,2-Tetrachloroethane	79345	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,1,2-Trichloroethane	79005	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,1-Dichloroethane	75343	< 0.0031		< 0.0029		0.0019	J	0.0016	J	0.0069	J	0.0113		< 0.24	
1,1-Dichloroethene	75354	0.0011	J	0.001	J	0.0027	J	0.0025	J	0.0042		0.0092		< 0.24	
1,1-Dichloropropene	563586	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2,3-Trichlorobenzene	87616	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2,3-Trichloropropane	96184	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2,4-Trichlorobenzene	120821	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2,4-Trimethylbenzene	95636	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2-Dibromoethane	106934	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2-Dichlorobenzene	95501	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2-Dichloroethane	107062	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,2-Dichloroethene, Total	540590	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	78875	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,3,5-Trimethylbenzene	108678	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,3-Dichlorobenzene	541731	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,3-Dichloropropane	142289	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,4-Dichlorobenzene	106467	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
1,4-Dioxane	123911	< 0.12		< 0.11		< 0.18	J	< 0.13		< 0.13		< 0.22		< 9.4	
2,2-Dichloropropane	594207	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
2-Butanone	78933	< 0.015		< 0.014		< 0.023	J	< 0.016		< 0.016		< 0.027		< 1.2	
2-Chloroethyl Vinyl Ether	110758	< 0.015		< 0.014		< 0.023	J	< 0.016		< 0.016		< 0.027	R	< 1.2	R
2-Chlorotoluene	95498	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
2-Hexanone (methyl butyl ketone)	591786	< 0.015		< 0.014		< 0.023	J	< 0.016		< 0.016		< 0.027		< 1.2	
3-Chloro-1,2-Dibromopropane	96128	NA		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene	106434	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
4-Isopropyltoluene	99876	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
4-Methyl-2-Pentanone	108101	< 0.015		< 0.014		< 0.023	J	< 0.016		< 0.016		< 0.027		< 1.2	
Acetone	67641	< 0.031		< 0.029		0.0452	J	< 0.032		< 0.033		< 0.055		< 2.4	
Acrolein	107028	< 0.015		< 0.014		< 0.023	J	< 0.016		< 0.016		< 0.027		< 1.2	
Acrylonitrile	107131	< 0.015		< 0.014		< 0.023	J	< 0.016		< 0.016		< 0.027		< 1.2	
Benzene	71432	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Bromobenzene	108861	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Bromochloromethane	74975	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Bromodichloromethane	75274	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Bromoform	75252	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Bromomethane	74839	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Carbon Disulfide	75150	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Carbon Tetrachloride	56235	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Chlorobenzene	108907	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	
Dibromochloromethane	124481	< 0.0031		< 0.0029		< 0.0046	J	< 0.0032		< 0.0033		< 0.0055		< 0.24	

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-17-2	DC-17-2Dup	DC-17-5	DC-17-5Dup	DC-17-INT	DC-18-0.5	DC-18-2
Sample Depth		2	2	5	5	15.5	0.5	2
Date Collected		10/17/2013	10/17/2013	10/9/2013	10/9/2013	10/17/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Duplicate	Investigation	Duplicate	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Chloroform	67663	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Chloromethane	74873	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Cis-1,2-Dichloroethene	156592	0.0029 J	0.0024 J	0.0157 J	0.0045	0.0832	0.165	< 0.24
Cis-1,3-Dichloropropene	10061015	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Dibromomethane	74953	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Dichlorodifluoromethane	75718	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Ethylbenzene	100414	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Hexachlorobutadiene	87683	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Isopropylbenzene	98828	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
M,P-Xylenes	179601231	< 0.0062	< 0.0057	< 0.0092 J	< 0.0063	< 0.0065	< 0.011	< 0.47
Methyl Tert-Butyl Ether	1634044	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Methylene Chloride	75092	< 0.0062	< 0.0057	< 0.0092 J	< 0.0063	< 0.0065	< 0.011	< 0.47
Naphthalene	91203	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
N-Butylbenzene	104518	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
N-Propylbenzene	103651	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
O-Xylene	95476	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Sec-Butylbenzene	135988	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Styrene	100425	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Tert-Butylbenzene	98066	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Tetrachloroethene	127184	0.077	0.075	0.0799 J	0.0778	0.127	4.42	0.54
Toluene	108883	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Total Xylenes	1330207	< 0.0062	< 0.0057	< 0.0092	< 0.0063	< 0.0065	< 0.011	< 0.47
Trans-1,2-Dichloroethene	156605	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	0.0093	< 0.24
Trans-1,3-Dichloropropene	10061026	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Trichloroethene	79016	0.032	0.0258	0.0234 J	0.0456	0.0437	0.889	< 0.24
Trichlorofluoromethane	75694	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Vinyl Acetate	108054	< 0.015	< 0.014	< 0.023 J	< 0.016	< 0.016	< 0.027	< 1.2
Vinyl Chloride	75014	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
Dibromochloropropane (DBCP)	67708832	< 0.0031	< 0.0029	< 0.0046 J	< 0.0032	< 0.0033	< 0.0055	< 0.24
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-17-2 2 10/17/2013 Investigation Central DC Surface	DC-17-2Dup 2 10/17/2013 Duplicate Central DC Surface	DC-17-5 5 10/9/2013 Investigation Central DC Subsurface	DC-17-5Dup 5 10/9/2013 Duplicate Central DC Subsurface	DC-17-INT 15.5 10/17/2013 Investigation Central DC Subsurface	DC-18-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-18-2 2 10/9/2013 Investigation Central DC Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
1,2-Dichlorobenzene	95501	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
1,2-Diphenylhydrazine	122667	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
1,3-Dichlorobenzene	541731	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
1,4-Dichlorobenzene	106467	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
1-Methylnaphthalene	90120	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2,4,5-Trichlorophenol	95954	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2,4,6-Trichlorophenol	88062	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2,4-Dichlorophenol	120832	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2,4-Dimethylphenol	105679	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2,4-Dinitrophenol	51285	< 1	NA	NA	NA	NA	< 1.1	< 1
2,4-Dinitrotoluene	121142	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2,6-Dinitrotoluene	606202	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2-Chloronaphthalene	91587	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2-Chlorophenol	95578	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2-Methylnaphthalene	91576	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2-Methylphenol	95487	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2-Nitroaniline	88744	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
2-Nitrophenol	88755	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
3,3'-Dichlorobenzidine	91941	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
3-Nitroaniline	99092	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
4,6-Dinitro-2-Methylphenol	534521	< 0.41	NA	NA	NA	NA	< 0.44	< 0.41
4-Bromophenyl Phenyl Ether	101553	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
4-Chloro-3-Methylphenol	59507	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
4-Chloroaniline	106478	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
4-Chlorophenyl Phenyl Ether	7005723	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
4-Nitroaniline	100016	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
4-Nitrophenol	100027	< 1	NA	NA	NA	NA	< 1.1	< 1
Acenaphthene	83329	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Acenaphthylene	208968	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Aniline	62533	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Anthracene	120127	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Benzidine	92875	< 2.1	NA	NA	NA	NA	< 2.2	< 2.1
Benzo(A)Anthracene	56553	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Benzo(A)Pyrene	50328	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Benzo(B)Fluoranthene	205992	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Benzo(G,H,I)Perylene	191242	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Benzo(K)Fluoranthene	207089	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Benzoic Acid	65850	< 1	NA	NA	NA	NA	< 1.1	< 1
Benzyl Alcohol	100516	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Bis(2-Chloroethoxy)Methane	111911	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Bis(2-Chloroethyl)Ether	111444	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Bis(2-Chloroisopropyl)Ether	108601	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-17-2	DC-17-2Dup	DC-17-5	DC-17-5Dup	DC-17-INT	DC-18-0.5	DC-18-2
Sample Depth		2	2	5	5	15.5	0.5	2
Date Collected		10/17/2013	10/17/2013	10/9/2013	10/9/2013	10/17/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Duplicate	Investigation	Duplicate	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.41	NA	NA	NA	NA	< 0.44	< 0.41
Butyl Benzyl Phthalate	85687	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Carbazole	86748	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Chrysene	218019	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Dibenz(A,H)Anthracene	53703	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Dibenzofuran	132649	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Diethyl Phthalate	84662	< 0.41	NA	NA	NA	NA	< 0.44	< 0.41
Dimethyl Phthalate	131113	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Di-N-Butyl Phthalate	84742	< 0.41	NA	NA	NA	NA	< 0.44	< 0.41
Di-N-Octyl Phthalate	117840	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Fluoranthene	206440	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Fluorene	86737	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Hexachloro-1,3-Cyclopentadiene	77474	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Hexachlorobenzene	118741	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Hexachlorobutadiene	87683	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Hexachloroethane	67721	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Indeno(1,2,3-Cd)Pyrene	193395	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Isophorone	78591	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
M-,P-Cresol Mixture	15831104	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Naphthalene	91203	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Nitrobenzene	98953	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
N-Nitrosodimethylamine	62759	< 0.41	NA	NA	NA	NA	< 0.44	< 0.41
N-Nitrosodi-N-Propylamine	621647	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
N-Nitrosodiphenylamine	86306	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Pentachlorophenol	87865	< 1	NA	NA	NA	NA	< 1.1	< 1
Phenanthrene	85018	< 0.21	NA	NA	NA	NA	0.0248 J	< 0.21
Phenol	108952	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Pyrene	129000	< 0.21	NA	NA	NA	NA	< 0.22	< 0.21
Pyridine	110861	< 0.41	NA	NA	NA	NA	< 0.44	< 0.41
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	NA	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	NA	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	NA	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	NA	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	NA	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	< 10	NA	NA	NA	NA	< 11	< 10

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-17-2	DC-17-2Dup	DC-17-5	DC-17-5Dup	DC-17-INT	DC-18-0.5	DC-18-2
Sample Depth		2	2	5	5	15.5	0.5	2
Date Collected		10/17/2013	10/17/2013	10/9/2013	10/9/2013	10/17/2013	10/9/2013	10/9/2013
Sample Type		Investigation	Duplicate	Investigation	Duplicate	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Constituent	CAS No.							
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.04	NA	NA	NA	NA	< 0.044	< 0.042
2,4-D	94757	< 0.4	NA	NA	NA	NA	< 0.44	< 0.42
2,4-Db	94826	< 0.4	NA	NA	NA	NA	< 0.44	< 0.42
4,4'-DDD	72548	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
4,4'-DDE	72559	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
4,4'-DDT	50293	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
Aldrin	309002	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Alpha-BHC	319846	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Beta-BHC	319857	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Delta-BHC	319868	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Alpha-Chlordane	5103719	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Dalapon	75990	< 2	NA	NA	NA	NA	< 2.2	< 2.1
Dicamba	1918009	< 0.04	NA	NA	NA	NA	< 0.044	< 0.042
Dichoroprop	120365	< 0.4	NA	NA	NA	NA	< 0.44	< 0.42
Dieldrin	60571	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Dinoseb	88857	< 1	NA	NA	NA	NA	< 1.1	< 1
Endosulfan I	959988	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Endosulfan II	33213659	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Endosulfan sulfate	1031078	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
Endrin	72208	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
Endrin aldehyde	7421934	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
Endrin ketone	53494705	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
Gamma-BHC	58899	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Gamma-Chlordane	5103742	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Heptachlor	76448	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Heptachlor epoxide	1024573	< 0.0021	NA	NA	NA	NA	< 0.0022	< 0.0021
Mcpa	94746	< 40	NA	NA	NA	NA	< 44	< 42
Mcpp	93652	< 40	NA	NA	NA	NA	< 44	< 42
Methoxychlor	72435	< 0.0042	NA	NA	NA	NA	< 0.0044	< 0.0042
Pentachlorophenol	87865	< 0.04	NA	NA	NA	NA	< 0.044	< 0.042
Silvex (2,4,5-TP)	93721	< 0.04	NA	NA	NA	NA	< 0.044	< 0.042
Toxaphene	8001352	< 0.1	NA	NA	NA	NA	< 0.11	< 0.11
Total Metals (mg/kg)								
Aluminum	7429905	18700	NA	NA	NA	NA	17100	20800
Antimony	7440360	< 5.9	NA	NA	NA	NA	< 5.2	< 5.6
Arsenic	7440382	5.9	NA	NA	NA	NA	6.9	4.7
Barium	7440393	212	NA	NA	NA	NA	173	182
Beryllium	7440417	< 1.5	NA	NA	NA	NA	< 1.3	< 1.4
Boron	7440428	NA	NA	NA	NA	NA	10.5	< 9.6
Cadmium	7440439	< 1.2	NA	NA	NA	NA	< 1	< 1.1
Calcium	7440702	3760	NA	NA	NA	NA	4120	3630
Chromium	7440473	19	NA	NA	NA	NA	18.799999	20.6
Cobalt	7440484	< 15	NA	NA	NA	NA	< 13	< 14

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-17-2	DC-17-2Dup	DC-17-5	DC-17-5Dup	DC-17-INT	DC-18-0.5	DC-18-2
	Sample Depth	2	2	5	5	15.5	0.5	2
	Date Collected	10/17/2013	10/17/2013	10/9/2013	10/9/2013	10/17/2013	10/9/2013	10/9/2013
	Sample Type	Investigation	Duplicate	Investigation	Duplicate	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Surface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Total metals (mg/kg) (continued)								
Copper	7440508	14	NA	NA	NA	NA	17.200001	12.5
Iron	7439896	17200	NA	NA	NA	NA	15400	19000
Lead	7439921	13	NA	NA	NA	NA	29.4	12
Lithium	7439932	NA	NA	NA	NA	NA	< 500	< 480
Manganese	7439965	343	NA	NA	NA	NA	92.5	573
Magnesium	7439954	4220	NA	NA	NA	NA	4300	4460
Mercury	7439976	< 0.047	NA	NA	NA	NA	< 0.049	< 0.046
Molybdenum	7439987	< 15	NA	NA	NA	NA	< 13	< 14
Nickel	7440020	16.5	NA	NA	NA	NA	20.4	19.299999
Potassium	7440097	3120	NA	NA	NA	NA	3740	3390
Selenium	7782492	< 5.9	NA	NA	NA	NA	< 5.2	< 5.6
Silver	7440224	< 3	NA	NA	NA	NA	< 2.6	< 2.8
Sodium	7440235	< 3000	NA	NA	NA	NA	< 2600	< 2800
Strontium (Total)	7440246	59.299999	NA	NA	NA	NA	53.200001	59.099998
Thallium	7440280	< 3	NA	NA	NA	NA	< 2.6	< 2.8
Tin	7440315	< 15	NA	NA	NA	NA	< 13	< 14
Titanium	7440326	121	NA	NA	NA	NA	157	142
Vanadium	7440622	31.4	NA	NA	NA	NA	29.200001	33.599998
Zinc	7440666	41.900002	NA	NA	NA	NA	91.099998	45.900002
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-18-5 5 10/9/2013 Investigation Central DC Subsurface	DC-19-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-19-2 2 10/9/2013 Investigation Central DC Surface	DC-19-5 5 10/9/2013 Investigation Central DC Subsurface	DC-2-0.5 0.5 10/10/2013 Investigation Central DC Surface
Volatile Organics (mg/kg)						
1,1,1,2-Tetrachloroethane	630206	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,1,1-Trichloroethane	71556	0.0081	0.0471	0.0482	0.0254 J	0.171
1,1,2,2-Tetrachloroethane	79345	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,1,2-Trichloroethane	79005	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,1-Dichloroethane	75343	0.0016 J	0.021	0.0163	0.0092 J	0.0413
1,1-Dichloroethene	75354	< 0.0038	0.01	0.0056	0.0049 J	0.0094
1,1-Dichloropropene	563586	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2,3-Trichlorobenzene	87616	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2,3-Trichloropropane	96184	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2,4-Trichlorobenzene	120821	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2,4-Trimethylbenzene	95636	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2-Dibromoethane	106934	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2-Dichlorobenzene	95501	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2-Dichloroethane	107062	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,3,5-Trimethylbenzene	108678	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,3-Dichlorobenzene	541731	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,3-Dichloropropane	142289	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,4-Dichlorobenzene	106467	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
1,4-Dioxane	123911	< 0.15	< 0.18	< 0.17	< 0.18 J	1.18
2,2-Dichloropropane	594207	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
2-Butanone	78933	< 0.019	< 0.023	< 0.021	< 0.023 J	< 0.026
2-Chloroethyl Vinyl Ether	110758	< 0.019	< 0.023 R	< 0.021	< 0.023 J	< 0.026
2-Chlorotoluene	95498	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
2-Hexanone (methyl butyl ketone)	591786	< 0.019	< 0.023	< 0.021	< 0.023 J	< 0.026
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
4-Isopropyltoluene	99876	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
4-Methyl-2-Pentanone	108101	< 0.019	< 0.023	< 0.021	< 0.023 J	< 0.026
Acetone	67641	< 0.038	< 0.046	< 0.042	< 0.045 J	< 0.052
Acrolein	107028	< 0.019	< 0.023	< 0.021	< 0.023 J	< 0.026
Acrylonitrile	107131	< 0.019	< 0.023	< 0.021	< 0.023 J	< 0.026
Benzene	71432	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Bromobenzene	108861	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Bromochloromethane	74975	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Bromodichloromethane	75274	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Bromoform	75252	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Bromomethane	74839	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Carbon Disulfide	75150	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Carbon Tetrachloride	56235	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Chlorobenzene	108907	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Dibromochloromethane	124481	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-18-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-19-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-2-0.5 / 0.5 / 10/10/2013 / Investigation / Central / DC / Surface
Volatile Organics (mg/kg) (continued)						
Chloroethane	75003	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Chloroform	67663	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	0.0031 J
Chloromethane	74873	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Cis-1,2-Dichloroethene	156592	0.0362	2.93	0.435	0.389 J	7.81
Cis-1,3-Dichloropropene	10061015	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Dibromomethane	74953	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Dichlorodifluoromethane	75718	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Ethylbenzene	100414	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Hexachlorobutadiene	87683	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Isopropylbenzene	98828	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
M,P-Xylenes	179601231	< 0.0077	< 0.0092	< 0.0084	< 0.0091 J	< 0.01
Methyl Tert-Butyl Ether	1634044	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Methylene Chloride	75092	< 0.0077	< 0.0092	< 0.0084	< 0.0091 J	< 0.01
Naphthalene	91203	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
N-Butylbenzene	104518	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
N-Propylbenzene	103651	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
O-Xylene	95476	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Sec-Butylbenzene	135988	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Styrene	100425	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Tert-Butylbenzene	98066	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Tetrachloroethene	127184	0.108	24.9	1.63	0.784 J	64.5
Toluene	108883	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Total Xylenes	1330207	< 0.0077	< 0.0092	< 0.0084	< 0.0091 J	< 0.01
Trans-1,2-Dichloroethene	156605	< 0.0038	0.0102	0.0047	0.0021 J	0.0134
Trans-1,3-Dichloropropene	10061026	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Trichloroethene	79016	0.0202	6.49	0.335	0.075 J	16.2
Trichlorofluoromethane	75694	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Vinyl Acetate	108054	< 0.019	< 0.023	< 0.021	< 0.023 J	< 0.026
Vinyl Chloride	75014	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
Dibromochloropropane (DBCP)	67708832	< 0.0038	< 0.0046	< 0.0042	< 0.0045 J	< 0.0052
VOCs - Method 3810 Mod						
Benzene	71432	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-18-5 5 10/9/2013 Investigation Central DC Subsurface	DC-19-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-19-2 2 10/9/2013 Investigation Central DC Surface	DC-19-5 5 10/9/2013 Investigation Central DC Subsurface	DC-2-0.5 0.5 10/10/2013 Investigation Central DC Surface
Semi-Volatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	120821	NA	< 0.2	< 0.21	NA	< 0.21
1,2-Dichlorobenzene	95501	NA	< 0.2	< 0.21	NA	< 0.21
1,2-Diphenylhydrazine	122667	NA	< 0.2	< 0.21	NA	< 0.21
1,3-Dichlorobenzene	541731	NA	< 0.2	< 0.21	NA	< 0.21
1,4-Dichlorobenzene	106467	NA	< 0.2	< 0.21	NA	< 0.21
1-Methylnaphthalene	90120	NA	< 0.2	< 0.21	NA	< 0.21
2,4,5-Trichlorophenol	95954	NA	< 0.2	< 0.21	NA	< 0.21
2,4,6-Trichlorophenol	88062	NA	< 0.2	< 0.21	NA	< 0.21
2,4-Dichlorophenol	120832	NA	< 0.2	< 0.21	NA	< 0.21
2,4-Dimethylphenol	105679	NA	< 0.2	< 0.21	NA	< 0.21
2,4-Dinitrophenol	51285	NA	< 1	< 1	NA	< 1
2,4-Dinitrotoluene	121142	NA	< 0.2	< 0.21	NA	< 0.21
2,6-Dinitrotoluene	606202	NA	< 0.2	< 0.21	NA	< 0.21
2-Chloronaphthalene	91587	NA	< 0.2	< 0.21	NA	< 0.21
2-Chlorophenol	95578	NA	< 0.2	< 0.21	NA	< 0.21
2-Methylnaphthalene	91576	NA	< 0.2	< 0.21	NA	< 0.21
2-Methylphenol	95487	NA	< 0.2	< 0.21	NA	< 0.21
2-Nitroaniline	88744	NA	< 0.2	< 0.21	NA	< 0.21
2-Nitrophenol	88755	NA	< 0.2	< 0.21	NA	< 0.21
3,3'-Dichlorobenzidine	91941	NA	< 0.2	< 0.21	NA	< 0.21
3-Nitroaniline	99092	NA	< 0.2	< 0.21	NA	< 0.21
4,6-Dinitro-2-Methylphenol	534521	NA	< 0.41	< 0.41	NA	< 0.42
4-Bromophenyl Phenyl Ether	101553	NA	< 0.2	< 0.21	NA	< 0.21
4-Chloro-3-Methylphenol	59507	NA	< 0.2	< 0.21	NA	< 0.21
4-Chloroaniline	106478	NA	< 0.2	< 0.21	NA	< 0.21
4-Chlorophenyl Phenyl Ether	7005723	NA	< 0.2	< 0.21	NA	< 0.21
4-Nitroaniline	100016	NA	< 0.2	< 0.21	NA	< 0.21
4-Nitrophenol	100027	NA	< 1	< 1	NA	< 1
Acenaphthene	83329	NA	< 0.2	< 0.21	NA	< 0.21
Acenaphthylene	208968	NA	< 0.2	< 0.21	NA	< 0.21
Aniline	62533	NA	< 0.2	< 0.21	NA	< 0.21
Anthracene	120127	NA	< 0.2	< 0.21	NA	< 0.21
Benzidine	92875	NA	< 2	< 2.1	NA	< 2.1
Benzo(A)Anthracene	56553	NA	< 0.2	< 0.21	NA	< 0.21
Benzo(A)Pyrene	50328	NA	< 0.2	< 0.21	NA	< 0.21
Benzo(B)Fluoranthene	205992	NA	< 0.2	< 0.21	NA	< 0.21
Benzo(G,H,I)Perylene	191242	NA	< 0.2	< 0.21	NA	< 0.21
Benzo(K)Fluoranthene	207089	NA	< 0.2	< 0.21	NA	< 0.21
Benzoic Acid	65850	NA	< 1	< 1	NA	< 1
Benzyl Alcohol	100516	NA	< 0.2	< 0.21	NA	< 0.21
Bis(2-Chloroethoxy)Methane	111911	NA	< 0.2	< 0.21	NA	< 0.21
Bis(2-Chloroethyl)Ether	111444	NA	< 0.2	< 0.21	NA	< 0.21
Bis(2-Chloroisopropyl)Ether	108601	NA	< 0.2	< 0.21	NA	< 0.21

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-18-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-19-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-2-0.5 / 0.5 / 10/10/2013 / Investigation / Central / DC / Surface
Semi-Volatile Organics (mg/kg) (continued)						
Bis(2-Ethylhexyl) Phthalate	117817	NA	0.0457 J	< 0.41	NA	< 0.42
Butyl Benzyl Phthalate	85687	NA	< 0.2	< 0.21	NA	< 0.21
Carbazole	86748	NA	< 0.2	< 0.21	NA	< 0.21
Chrysene	218019	NA	0.0222 J	< 0.21	NA	< 0.21
Dibenz(A,H)Anthracene	53703	NA	< 0.2	< 0.21	NA	< 0.21
Dibenzofuran	132649	NA	< 0.2	< 0.21	NA	< 0.21
Diethyl Phthalate	84662	NA	< 0.41	< 0.41	NA	< 0.42
Dimethyl Phthalate	131113	NA	< 0.2	< 0.21	NA	< 0.21
Di-N-Butyl Phthalate	84742	NA	1.98	< 0.41	NA	< 0.42
Di-N-Octyl Phthalate	117840	NA	< 0.2	< 0.21	NA	< 0.21
Fluoranthene	206440	NA	< 0.2	< 0.21	NA	< 0.21
Fluorene	86737	NA	< 0.2	< 0.21	NA	< 0.21
Hexachloro-1,3-Cyclopentadiene	77474	NA	< 0.2	< 0.21	NA	< 0.21
Hexachlorobenzene	118741	NA	< 0.2	< 0.21	NA	< 0.21
Hexachlorobutadiene	87683	NA	< 0.2	< 0.21	NA	< 0.21
Hexachloroethane	67721	NA	< 0.2	< 0.21	NA	< 0.21
Indeno(1,2,3-Cd)Pyrene	193395	NA	< 0.2	< 0.21	NA	< 0.21
Isophorone	78591	NA	0.472	< 0.21	NA	< 0.21
M-,P-Cresol Mixture	15831104	NA	< 0.2	< 0.21	NA	< 0.21
Naphthalene	91203	NA	< 0.2	< 0.21	NA	< 0.21
Nitrobenzene	98953	NA	< 0.2	< 0.21	NA	< 0.21
N-Nitrosodimethylamine	62759	NA	< 0.41	< 0.41	NA	< 0.42
N-Nitrosodi-N-Propylamine	621647	NA	< 0.2	< 0.21	NA	< 0.21
N-Nitrosodiphenylamine	86306	NA	< 0.2	< 0.21	NA	< 0.21
Pentachlorophenol	87865	NA	< 1	< 1	NA	< 1
Phenanthrene	85018	NA	< 0.2	< 0.21	NA	< 0.21
Phenol	108952	NA	< 0.2	< 0.21	NA	< 0.21
Pyrene	129000	NA	< 0.2	< 0.21	NA	< 0.21
Pyridine	110861	NA	< 0.41	< 0.41	NA	< 0.42
PCBs (mg/kg)						
Pcb- 1016	12674112	NA	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)						
DRO (C10-C28) Range	DRO	NA	< 10	< 10	NA	< 11

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-18-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-19-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-2-0.5 / 0.5 / 10/10/2013 / Investigation / Central / DC / Surface
Herbicides/Pesticides (mg/kg)						
2,4,5-T	93765	NA	< 0.04	< 0.041	NA	< 0.042
2,4-D	94757	NA	< 0.4	< 0.41	NA	< 0.42
2,4-Db	94826	NA	< 0.4	< 0.41	NA	< 0.42
4,4'-DDD	72548	NA	< 0.02	< 0.0041	NA	< 0.0043
4,4'-DDE	72559	NA	< 0.02	< 0.0041	NA	< 0.0043
4,4'-DDT	50293	NA	< 0.02	< 0.0041	NA	< 0.0043
Aldrin	309002	NA	< 0.01	< 0.002	NA	< 0.0021
Alpha-BHC	319846	NA	< 0.01	< 0.002	NA	< 0.0021
Beta-BHC	319857	NA	< 0.01	< 0.002	NA	< 0.0021
Delta-BHC	319868	NA	< 0.01	< 0.002	NA	< 0.0021
Alpha-Chlordane	5103719	NA	< 0.01	< 0.002	NA	< 0.0021
Dalapon	75990	NA	< 2	< 2.1	NA	< 2.1
Dicamba	1918009	NA	< 0.04	< 0.041	NA	< 0.042
Dichoroprop	120365	NA	< 0.4	< 0.41	NA	< 0.42
Dieldrin	60571	NA	< 0.01	< 0.002	NA	< 0.0021
Dinoseb	88857	NA	< 0.99	< 1	NA	< 1
Endosulfan I	959988	NA	< 0.01	< 0.002	NA	< 0.0021
Endosulfan II	33213659	NA	< 0.01	< 0.002	NA	< 0.0021
Endosulfan sulfate	1031078	NA	< 0.02	< 0.0041	NA	< 0.0043
Endrin	72208	NA	< 0.02	< 0.0041	NA	< 0.0043
Endrin aldehyde	7421934	NA	< 0.02	< 0.0041	NA	< 0.0043
Endrin ketone	53494705	NA	< 0.02	< 0.0041	NA	< 0.0043
Gamma-BHC	58899	NA	< 0.01	< 0.002	NA	< 0.0021
Gamma-Chlordane	5103742	NA	< 0.01	< 0.002	NA	< 0.0021
Heptachlor	76448	NA	< 0.01	< 0.002	NA	< 0.0021
Heptachlor epoxide	1024573	NA	< 0.01	< 0.002	NA	< 0.0021
Mcpa	94746	NA	< 40	< 41	NA	< 42
Mcpp	93652	NA	< 40	< 41	NA	< 42
Methoxychlor	72435	NA	< 0.02	< 0.0041	NA	< 0.0043
Pentachlorophenol	87865	NA	< 0.04	< 0.041	NA	< 0.042
Silvex (2,4,5-TP)	93721	NA	< 0.04	< 0.041	NA	< 0.042
Toxaphene	8001352	NA	< 0.51	< 0.1	NA	< 0.11
Total Metals (mg/kg)						
Aluminum	7429905	NA	17000	15400	NA	19400
Antimony	7440360	NA	< 5.9	< 4.9	NA	< 4.8
Arsenic	7440382	NA	7.1	3.5	NA	5.8
Barium	7440393	NA	480	156	NA	193
Beryllium	7440417	NA	< 1.5	< 1.2	NA	< 1.2
Boron	7440428	NA	NA	NA	NA	11.7
Cadmium	7440439	NA	< 1.2	< 0.98	NA	< 0.96
Calcium	7440702	NA	10000	3940	NA	3730
Chromium	7440473	NA	33.200001	15.5	NA	19.6
Cobalt	7440484	NA	< 15	< 12	NA	< 12

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-18-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-19-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-19-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-2-0.5 / 0.5 / 10/10/2013 / Investigation / Central / DC / Surface
Total metals (mg/kg) (continued)						
Copper	7440508	NA	19.799999	10.3	NA	15
Iron	7439896	NA	17700	14800	NA	18000
Lead	7439921	NA	99.699997	11.3	NA	16.4
Lithium	7439932	NA	NA	NA	NA	< 500
Manganese	7439965	NA	377	323	NA	178
Magnesium	7439954	NA	3720	3480	NA	4710
Mercury	7439976	NA	0.053	< 0.049	NA	< 0.05
Molybdenum	7439987	NA	< 15	< 12	NA	< 12
Nickel	7440020	NA	20.299999	13.1	NA	17.799999
Potassium	7440097	NA	3610	< 2500	NA	3660
Selenium	7782492	NA	< 5.9	< 4.9	NA	< 4.8
Silver	7440224	NA	< 2.9	< 2.5	NA	< 2.4
Sodium	7440235	NA	< 2900	< 2500	NA	< 2400
Strontium (Total)	7440246	NA	60.599998	50.400002	NA	59.099998
Thallium	7440280	NA	< 2.9	< 2.5	NA	< 2.4
Tin	7440315	NA	< 15	< 12	NA	< 12
Titanium	7440326	NA	177	81.400002	NA	142
Vanadium	7440622	NA	29.4	23	NA	33.900002
Zinc	7440666	NA	472	35	NA	52.400002
Other Parameters						
PH	PH	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-20-0.5		DC-20-2		DC-21-0.5		DC-21-2		DC-21-5		DC-2-2		DC-22-0.5	
Sample Depth		0.5		2		0.5		2		5		2		0.5	
Date Collected		10/9/2013		10/9/2013		10/16/2013		10/16/2013		10/16/2013		10/10/2013		10/16/2013	
Sample Type		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation	
RA Area		Central		Central		Central		Central		Central		Central		Central	
Area/SWMU		DC		DC		DC		DC		DC		DC		DC	
Surface/subsurface		Surface		Surface		Surface		Surface		Subsurface		Surface		Surface	
Constituent	CAS No.														
Volatile Organics (mg/kg)															
1,1,1,2-Tetrachloroethane	630206	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,1,1-Trichloroethane	71556	< 0.0042	J	0.0392	J	0.0593		0.0622		0.0233	J	0.241	J	0.0712	
1,1,2,2-Tetrachloroethane	79345	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,1,2-Trichloroethane	79005	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,1-Dichloroethane	75343	0.068	J	0.0262	J	0.0159		0.0194		0.0081	J	0.0489		0.0384	
1,1-Dichloroethene	75354	0.0045	J	0.0049	J	0.0092		0.0087		0.0032	J	0.0104		0.0175	
1,1-Dichloropropene	563586	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2,3-Trichlorobenzene	87616	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2,3-Trichloropropane	96184	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2,4-Trichlorobenzene	120821	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2,4-Trimethylbenzene	95636	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2-Dibromoethane	106934	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2-Dichlorobenzene	95501	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2-Dichloroethane	107062	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,2-Dichloroethene, Total	540590	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	78875	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,3,5-Trimethylbenzene	108678	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,3-Dichlorobenzene	541731	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,3-Dichloropropane	142289	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,4-Dichlorobenzene	106467	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
1,4-Dioxane	123911	< 0.17	J	< 0.17	J	< 0.13		< 0.13		< 0.11	J	1.39		< 0.12	
2,2-Dichloropropane	594207	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
2-Butanone	78933	0.0117	J	< 0.021	J	< 0.016		< 0.016		< 0.013	J	< 0.019		< 0.015	
2-Chloroethyl Vinyl Ether	110758	< 0.021	R	< 0.021	R	< 0.016		< 0.016		< 0.013	R	< 0.019		< 0.015	
2-Chlorotoluene	95498	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
2-Hexanone (methyl butyl ketone)	591786	< 0.021	J	< 0.021	J	< 0.016		< 0.016		< 0.013	J	< 0.019		< 0.015	
3-Chloro-1,2-Dibromopropane	96128	NA		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene	106434	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
4-Isopropyltoluene	99876	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
4-Methyl-2-Pentanone	108101	< 0.021	J	< 0.021	J	< 0.016		< 0.016		< 0.013	J	< 0.019		< 0.015	
Acetone	67641	0.0633	J	< 0.041	J	< 0.032		< 0.032		< 0.027	J	< 0.037		< 0.031	
Acrolein	107028	< 0.021	J	< 0.021	J	< 0.016		< 0.016		< 0.013	J	< 0.019		< 0.015	
Acrylonitrile	107131	< 0.021	J	< 0.021	J	< 0.016		< 0.016		< 0.013	J	< 0.019		< 0.015	
Benzene	71432	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		0.00097	J
Bromobenzene	108861	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Bromochloromethane	74975	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Bromodichloromethane	75274	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Bromoform	75252	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Bromomethane	74839	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Carbon Disulfide	75150	0.006	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Carbon Tetrachloride	56235	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Chlorobenzene	108907	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Dibromochloromethane	124481	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-20-0.5		DC-20-2		DC-21-0.5		DC-21-2		DC-21-5		DC-2-2		DC-22-0.5	
Sample Depth		0.5		2		0.5		2		5		2		0.5	
Date Collected		10/9/2013		10/9/2013		10/16/2013		10/16/2013		10/16/2013		10/10/2013		10/16/2013	
Sample Type		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation	
RA Area		Central		Central		Central		Central		Central		Central		Central	
Area/SWMU		DC		DC		DC		DC		DC		DC		DC	
Surface/subsurface		Surface		Surface		Surface		Surface		Subsurface		Surface		Surface	
Constituent	CAS No.														
Volatile Organics (mg/kg) (continued)															
Chloroethane	75003	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Chloroform	67663	< 0.0042	J	< 0.0041	J	0.0012	J	0.0012	J	< 0.0027	J	0.0028	J	0.0011	J
Chloromethane	74873	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Cis-1,2-Dichloroethene	156592	0.0896	J	0.514	J	1.26		0.501		0.554	J	0.881		1.89	
Cis-1,3-Dichloropropene	10061015	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Dibromomethane	74953	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Dichlorodifluoromethane	75718	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Ethylbenzene	100414	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Hexachlorobutadiene	87683	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Isopropylbenzene	98828	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
M,P-Xylenes	179601231	< 0.0084	J	< 0.0083	J	< 0.0063		< 0.0065		< 0.0053	J	< 0.0075		0.0621	J
Methyl Tert-Butyl Ether	1634044	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Methylene Chloride	75092	< 0.0084	J	< 0.0083	J	< 0.0063		< 0.0065		< 0.0053	J	< 0.0075		< 0.0061	
Naphthalene	91203	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
N-Butylbenzene	104518	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
N-Propylbenzene	103651	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
O-Xylene	95476	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		0.0318	J
Sec-Butylbenzene	135988	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Styrene	100425	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Tert-Butylbenzene	98066	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Tetrachloroethene	127184	12.2	J	2.1	J	14.8		2.38		1.5	J	3.31		12.7	
Toluene	108883	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		0.0019	J
Total Xylenes	1330207	< 0.0084		< 0.0083		< 0.0063		< 0.0065		< 0.0053		< 0.0075		0.0939	
Trans-1,2-Dichloroethene	156605	0.0061	J	0.0051	J	0.0046		0.0031	J	0.0011	J	0.0092		0.017	
Trans-1,3-Dichloropropene	10061026	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Trichloroethene	79016	4.25	J	0.353	J	3.48		0.482		0.303	J	0.685		5.27	
Trichlorofluoromethane	75694	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Vinyl Acetate	108054	< 0.021	J	< 0.021	J	< 0.016		< 0.016		< 0.013	J	< 0.019		< 0.015	
Vinyl Chloride	75014	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
Dibromochloropropane (DBCP)	67708832	< 0.0042	J	< 0.0041	J	< 0.0032		< 0.0032		< 0.0027	J	< 0.0037		< 0.0031	
VOCs - Method 3810 Mod															
Benzene	71432	NA		NA		NA		NA		NA		NA		NA	
Cis-1,2-Dichloroethene	156592	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	100414	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	127184	NA		NA		NA		NA		NA		NA		NA	
Toluene	108883	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	79016	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	1330207	NA		NA		NA		NA		NA		NA		NA	

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-20-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-20-2 2 10/9/2013 Investigation Central DC Surface	DC-21-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-21-2 2 10/16/2013 Investigation Central DC Surface	DC-21-5 5 10/16/2013 Investigation Central DC Subsurface	DC-2-2 2 10/10/2013 Investigation Central DC Surface	DC-22-0.5 0.5 10/16/2013 Investigation Central DC Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
1,2-Dichlorobenzene	95501	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
1,2-Diphenylhydrazine	122667	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
1,3-Dichlorobenzene	541731	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
1,4-Dichlorobenzene	106467	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
1-Methylnaphthalene	90120	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.182
2,4,5-Trichlorophenol	95954	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2,4,6-Trichlorophenol	88062	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2,4-Dichlorophenol	120832	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2,4-Dimethylphenol	105679	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2,4-Dinitrophenol	51285	< 1	< 1.1	< 1.1	< 0.97	NA	< 1	< 0.92
2,4-Dinitrotoluene	121142	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2,6-Dinitrotoluene	606202	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2-Chloronaphthalene	91587	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2-Chlorophenol	95578	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2-Methylnaphthalene	91576	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.21
2-Methylphenol	95487	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2-Nitroaniline	88744	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
2-Nitrophenol	88755	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
3,3'-Dichlorobenzidine	91941	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
3-Nitroaniline	99092	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
4,6-Dinitro-2-Methylphenol	534521	< 0.41	< 0.43	< 0.43	< 0.39	NA	< 0.41	< 0.37
4-Bromophenyl Phenyl Ether	101553	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
4-Chloro-3-Methylphenol	59507	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
4-Chloroaniline	106478	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
4-Chlorophenyl Phenyl Ether	7005723	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
4-Nitroaniline	100016	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
4-Nitrophenol	100027	< 1	< 1.1	< 1.1	< 0.97	NA	< 1	< 0.92
Acenaphthene	83329	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Acenaphthylene	208968	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Aniline	62533	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Anthracene	120127	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Benzidine	92875	< 2.1	< 2.1	< 2.1	< 1.9	NA	< 2.1	< 1.8
Benzo(A)Anthracene	56553	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Benzo(A)Pyrene	50328	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.0208 J
Benzo(B)Fluoranthene	205992	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.0314 J
Benzo(G,H,I)Perylene	191242	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Benzo(K)Fluoranthene	207089	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Benzoic Acid	65850	< 1	< 1.1	< 1.1	< 0.97	NA	< 1	< 0.92
Benzyl Alcohol	100516	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Bis(2-Chloroethoxy)Methane	111911	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Bis(2-Chloroethyl)Ether	111444	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Bis(2-Chloroisopropyl)Ether	108601	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-20-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-20-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-21-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-21-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-21-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-2-2 / 2 / 10/10/2013 / Investigation / Central / DC / Surface	DC-22-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	0.0953 J	< 0.43	< 0.43	< 0.39	NA	< 0.41	< 0.37
Butyl Benzyl Phthalate	85687	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Carbazole	86748	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Chrysene	218019	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.0515 J
Dibenz(A,H)Anthracene	53703	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Dibenzofuran	132649	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.0625 J
Diethyl Phthalate	84662	< 0.41	< 0.43	< 0.43	< 0.39	NA	< 0.41	< 0.37
Dimethyl Phthalate	131113	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Di-N-Butyl Phthalate	84742	< 0.41	< 0.43	0.079 J	< 0.39	NA	< 0.41	0.757
Di-N-Octyl Phthalate	117840	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Fluoranthene	206440	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.0326 J
Fluorene	86737	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Hexachloro-1,3-Cyclopentadiene	77474	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Hexachlorobenzene	118741	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Hexachlorobutadiene	87683	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Hexachloroethane	67721	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Indeno(1,2,3-Cd)Pyrene	193395	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Isophorone	78591	0.0299 J	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
M-,P-Cresol Mixture	15831104	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Naphthalene	91203	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.0903 J
Nitrobenzene	98953	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
N-Nitrosodimethylamine	62759	< 0.41	< 0.43	< 0.43	< 0.39	NA	< 0.41	< 0.37
N-Nitrosodi-N-Propylamine	621647	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
N-Nitrosodiphenylamine	86306	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Pentachlorophenol	87865	< 1	< 1.1	< 1.1	< 0.97	NA	< 1	< 0.92
Phenanthrene	85018	< 0.21	< 0.21	0.0229 J	< 0.19	NA	< 0.21	0.217
Phenol	108952	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	< 0.18
Pyrene	129000	< 0.21	< 0.21	< 0.21	< 0.19	NA	< 0.21	0.036 J
Pyridine	110861	< 0.41	< 0.43	< 0.43	< 0.39	NA	< 0.41	< 0.37
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	< 0.022	< 0.02	NA	NA	< 0.018
Pcb- 1221	11104282	NA	NA	< 0.022	< 0.02	NA	NA	< 0.018
Pcb- 1232	11141165	NA	NA	< 0.022	< 0.02	NA	NA	< 0.018
Pcb- 1242	53469219	NA	NA	< 0.022	< 0.02	NA	NA	< 0.018
Pcb- 1248	12672296	NA	NA	< 0.022	< 0.02	NA	NA	< 0.018
Pcb- 1254	11097691	NA	NA	< 0.022	< 0.02	NA	NA	< 0.018
Pcb- 1260	11096825	NA	NA	< 0.022	< 0.02	NA	NA	< 0.018
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	19.200001	< 11	< 11	< 9.8	NA	NA	33.099998

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-20-0.5	DC-20-2	DC-21-0.5	DC-21-2	DC-21-5	DC-2-2	DC-22-0.5
	Sample Depth	0.5	2	0.5	2	5	2	0.5
	Date Collected	10/9/2013	10/9/2013	10/16/2013	10/16/2013	10/16/2013	10/10/2013	10/16/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Surface	Surface	Surface	Surface	Subsurface	Surface	Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.041	< 0.042	< 0.087	< 0.079	NA	< 0.041	< 0.18
2,4-D	94757	< 0.41	< 0.42	< 0.87	< 0.79	NA	< 0.41	< 1.8
2,4-Db	94826	< 0.41	< 0.42	< 0.87	< 0.79	NA	< 0.41	< 1.8
4,4'-DDD	72548	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	< 0.036
4,4'-DDE	72559	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	0.0046 J
4,4'-DDT	50293	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	< 0.036
Aldrin	309002	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Alpha-BHC	319846	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Beta-BHC	319857	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Delta-BHC	319868	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Alpha-Chlordane	5103719	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Dalapon	75990	< 2	< 2.1	< 4.4	< 4	NA	< 2	< 9.2
Dicamba	1918009	< 0.041	< 0.042	< 0.087	< 0.079	NA	< 0.041	< 0.18
Dichoroprop	120365	< 0.41	< 0.42	< 0.87	< 0.79	NA	< 0.41	< 1.8
Dieldrin	60571	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Dinoseb	88857	< 1	< 1.1	< 2.2	< 2	NA	< 1	< 4.6
Endosulfan I	959988	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Endosulfan II	33213659	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Endosulfan sulfate	1031078	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	< 0.036
Endrin	72208	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	< 0.036
Endrin aldehyde	7421934	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	< 0.036
Endrin ketone	53494705	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	0.0315 J
Gamma-BHC	58899	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Gamma-Chlordane	5103742	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Heptachlor	76448	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Heptachlor epoxide	1024573	< 0.002	< 0.0022	< 0.0022	< 0.0019	NA	< 0.0021	< 0.018
Mcpa	94746	< 41	< 42	< 87	< 79	NA	< 41	< 180
Mcpp	93652	< 41	< 42	< 87	< 79	NA	< 41	< 180
Methoxychlor	72435	< 0.0041	< 0.0043	< 0.0043	< 0.0039	NA	< 0.0041	< 0.036
Pentachlorophenol	87865	< 0.041	< 0.042	< 0.087	< 0.079	NA	< 0.041	< 0.18
Silvex (2,4,5-TP)	93721	< 0.041	< 0.042	< 0.087	< 0.079	NA	< 0.041	< 0.18
Toxaphene	8001352	< 0.1	< 0.11	< 0.11	< 0.097	NA	< 0.1	< 0.91
Total Metals (mg/kg)								
Aluminum	7429905	14500	20000	16700	22600	NA	22600	6280
Antimony	7440360	< 6.1	< 4.3	< 5.7	< 5.2	NA	< 4.7	< 3.8
Arsenic	7440382	11.7	5	7.9	6.9	NA	6	6.8
Barium	7440393	257	248	200	219	NA	194	86
Beryllium	7440417	< 1.5	< 1.1	< 1.4	1.3	NA	< 1.2	1.2
Boron	7440428	10.5	< 11	NA	NA	NA	< 9.6	NA
Cadmium	7440439	< 1.2	< 0.85	< 1.1	< 1	NA	< 0.95	0.86
Calcium	7440702	18100	3590	6910	4600	NA	3160	8170
Chromium	7440473	56.700001	18.6	24.200001	21.799999	NA	20.299999	11.6
Cobalt	7440484	< 15	< 11	< 14	< 13	NA	< 12	< 9.5

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-20-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-20-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-21-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-21-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-21-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-2-2 / 2 / 10/10/2013 / Investigation / Central / DC / Surface	DC-22-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface
Total metals (mg/kg) (continued)								
Copper	7440508	44.599998	13.3	20	16.299999	NA	12.5	43.5
Iron	7439896	27500	18000	18400	21100	NA	20000	49500
Lead	7439921	200	14	89.099998	22.1	NA	14.2	59.900002
Lithium	7439932	< 490	< 530	NA	NA	NA	< 480	NA
Manganese	7439965	1390	181	438	335	NA	216	260
Magnesium	7439954	3390	4610	4010	4920	NA	4910	< 950
Mercury	7439976	< 0.047	< 0.048	< 0.049	< 0.044	NA	< 0.049	0.056
Molybdenum	7439987	< 15	< 11	< 14	< 13	NA	< 12	< 9.5
Nickel	7440020	29.6	15.7	20.5	19.700001	NA	17.200001	41.700001
Potassium	7440097	< 3000	3160	3040	3700	NA	3390	< 1900
Selenium	7782492	< 6.1	< 4.3	< 5.7	< 5.2	NA	< 4.7	5.8
Silver	7440224	< 3	< 2.1	< 2.8	< 2.6	NA	< 2.4	< 1.9
Sodium	7440235	< 3000	< 2100	< 2800	< 2600	NA	< 2400	< 1900
Strontium (Total)	7440246	109	58.900002	62.799999	59.5	NA	53	92.5
Thallium	7440280	< 3	< 2.1	< 2.8	< 2.6	NA	< 2.4	< 1.9
Tin	7440315	< 15	< 11	< 14	< 13	NA	< 12	< 9.5
Titanium	7440326	224	64.199997	122	127	NA	156	239
Vanadium	7440622	32	30	30	33.900002	NA	36.400002	14.9
Zinc	7440666	207	43.900002	147	94.5	NA	45.900002	141
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-22-2 2 10/16/2013 Investigation Central DC Surface	DC-23-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-23-2 2 10/16/2013 Investigation Central DC Surface	DC-23-5 5 10/16/2013 Investigation Central DC Subsurface	DC-24-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-24-2 2 10/16/2013 Investigation Central DC Surface	DC-24-5 5 10/16/2013 Investigation Central DC Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,1,1-Trichloroethane	71556	0.0854	0.746	0.0584	NA	0.0834	0.0682	0.0428
1,1,2,2-Tetrachloroethane	79345	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,1,2-Trichloroethane	79005	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,1-Dichloroethane	75343	0.0355	0.0465	0.0223	NA	0.0158	0.0215	0.0141
1,1-Dichloroethene	75354	0.0114	0.0218	0.0081	NA	0.0134	0.0097	0.0047 J
1,1-Dichloropropene	563586	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2,3-Trichlorobenzene	87616	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2,3-Trichloropropane	96184	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2,4-Trichlorobenzene	120821	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2,4-Trimethylbenzene	95636	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2-Dibromoethane	106934	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2-Dichlorobenzene	95501	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2-Dichloroethane	107062	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,3,5-Trimethylbenzene	108678	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,3-Dichlorobenzene	541731	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,3-Dichloropropane	142289	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,4-Dichlorobenzene	106467	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
1,4-Dioxane	123911	< 0.13	< 0.12	< 0.09	NA	< 0.13	< 0.32	< 0.22
2,2-Dichloropropane	594207	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
2-Butanone	78933	< 0.017	< 0.015	< 0.011	NA	< 0.016	< 0.041	< 0.028
2-Chloroethyl Vinyl Ether	110758	< 0.017	< 0.015	< 0.011	NA	< 0.016	< 0.041	< 0.028
2-Chlorotoluene	95498	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
2-Hexanone (methyl butyl ketone)	591786	< 0.017	< 0.015	< 0.011	NA	< 0.016	< 0.041	< 0.028
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
4-Isopropyltoluene	99876	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
4-Methyl-2-Pentanone	108101	< 0.017	< 0.015	< 0.011	NA	< 0.016	< 0.041	< 0.028
Acetone	67641	< 0.033	< 0.03	< 0.022	NA	< 0.031	0.035 J	< 0.055
Acrolein	107028	< 0.017	< 0.015	< 0.011	NA	< 0.016	< 0.041	< 0.028
Acrylonitrile	107131	< 0.017	< 0.015	< 0.011	NA	< 0.016	< 0.041	< 0.028
Benzene	71432	0.00091 J	0.0017 J	0.00063 J	NA	< 0.0031	< 0.0081	< 0.0055
Bromobenzene	108861	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Bromochloromethane	74975	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Bromodichloromethane	75274	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Bromoform	75252	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Bromomethane	74839	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Carbon Disulfide	75150	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Carbon Tetrachloride	56235	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Chlorobenzene	108907	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Dibromochloromethane	124481	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-22-2	DC-23-0.5	DC-23-2	DC-23-5	DC-24-0.5	DC-24-2	DC-24-5
	Sample Depth	2	0.5	2	5	0.5	2	5
	Date Collected	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Surface	Surface	Surface	Subsurface	Surface	Surface	Subsurface
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Chloroform	67663	0.00081 J	0.0017 J	0.00067 J	NA	0.0015 J	< 0.0081	< 0.0055
Chloromethane	74873	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Cis-1,2-Dichloroethene	156592	0.928	2.33	0.261	NA	2.36	0.444	0.437
Cis-1,3-Dichloropropene	10061015	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Dibromomethane	74953	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Dichlorodifluoromethane	75718	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Ethylbenzene	100414	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Hexachlorobutadiene	87683	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Isopropylbenzene	98828	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
M,P-Xylenes	179601231	< 0.0066	< 0.006	< 0.0045	NA	< 0.0063	< 0.016	< 0.011
Methyl Tert-Butyl Ether	1634044	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Methylene Chloride	75092	< 0.0066	< 0.006	< 0.0045	NA	< 0.0063	< 0.016	< 0.011
Naphthalene	91203	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
N-Butylbenzene	104518	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
N-Propylbenzene	103651	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
O-Xylene	95476	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Sec-Butylbenzene	135988	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Styrene	100425	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Tert-Butylbenzene	98066	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Tetrachloroethene	127184	5.43	20	1.54	NA	39.7	2.26	1.3
Toluene	108883	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Total Xylenes	1330207	< 0.0066	< 0.006	< 0.0045	NA	< 0.0063	< 0.016	< 0.011
Trans-1,2-Dichloroethene	156605	0.0121	0.0147	0.0052	NA	0.0069	0.0038 J	< 0.0055
Trans-1,3-Dichloropropene	10061026	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Trichloroethene	79016	0.802	7.37	0.246	NA	7.99	0.422	0.196
Trichlorofluoromethane	75694	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Vinyl Acetate	108054	< 0.017	< 0.015	< 0.011	NA	< 0.016	< 0.041	< 0.028
Vinyl Chloride	75014	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
Dibromochloropropane (DBCP)	67708832	< 0.0033	< 0.003	< 0.0022	NA	< 0.0031	< 0.0081	< 0.0055
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-22-2 2 10/16/2013 Investigation Central DC Surface	DC-23-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-23-2 2 10/16/2013 Investigation Central DC Surface	DC-23-5 5 10/16/2013 Investigation Central DC Subsurface	DC-24-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-24-2 2 10/16/2013 Investigation Central DC Surface	DC-24-5 5 10/16/2013 Investigation Central DC Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
1,2-Dichlorobenzene	95501	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
1,2-Diphenylhydrazine	122667	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
1,3-Dichlorobenzene	541731	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
1,4-Dichlorobenzene	106467	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
1-Methylnaphthalene	90120	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2,4,5-Trichlorophenol	95954	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2,4,6-Trichlorophenol	88062	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2,4-Dichlorophenol	120832	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2,4-Dimethylphenol	105679	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2,4-Dinitrophenol	51285	< 1	< 1	< 0.83	< 1.3	< 1	< 1	NA
2,4-Dinitrotoluene	121142	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2,6-Dinitrotoluene	606202	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2-Chloronaphthalene	91587	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2-Chlorophenol	95578	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2-Methylnaphthalene	91576	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2-Methylphenol	95487	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2-Nitroaniline	88744	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
2-Nitrophenol	88755	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
3,3'-Dichlorobenzidine	91941	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
3-Nitroaniline	99092	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
4,6-Dinitro-2-Methylphenol	534521	< 0.42	< 0.41	< 0.33	< 0.5	< 0.4	< 0.41	NA
4-Bromophenyl Phenyl Ether	101553	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
4-Chloro-3-Methylphenol	59507	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
4-Chloroaniline	106478	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
4-Chlorophenyl Phenyl Ether	7005723	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
4-Nitroaniline	100016	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
4-Nitrophenol	100027	< 1	< 1	< 0.83	< 1.3	< 1	< 1	NA
Acenaphthene	83329	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Acenaphthylene	208968	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Aniline	62533	< 0.21	2.68	< 0.17	< 0.25	< 0.2	< 0.21	NA
Anthracene	120127	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Benzidine	92875	< 2.1	< 2.1	< 1.7	< 2.5	< 2	< 2.1	NA
Benzo(A)Anthracene	56553	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Benzo(A)Pyrene	50328	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Benzo(B)Fluoranthene	205992	< 0.21	< 0.21	< 0.17	< 0.25	0.0289 J	< 0.21	NA
Benzo(G,H,I)Perylene	191242	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Benzo(K)Fluoranthene	207089	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Benzoic Acid	65850	< 1	< 1	< 0.83	< 1.3	< 1	< 1	NA
Benzyl Alcohol	100516	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Bis(2-Chloroethoxy)Methane	111911	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Bis(2-Chloroethyl)Ether	111444	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Bis(2-Chloroisopropyl)Ether	108601	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-22-2	DC-23-0.5	DC-23-2	DC-23-5	DC-24-0.5	DC-24-2	DC-24-5
Sample Depth		2	0.5	2	5	0.5	2	5
Date Collected		10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Surface	Subsurface	Surface	Surface	Subsurface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.42	< 0.41	< 0.33	< 0.5	< 0.4	< 0.41	NA
Butyl Benzyl Phthalate	85687	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Carbazole	86748	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Chrysene	218019	< 0.21	< 0.21	< 0.17	< 0.25	0.0223 J	< 0.21	NA
Dibenz(A,H)Anthracene	53703	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Dibenzofuran	132649	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Diethyl Phthalate	84662	< 0.42	< 0.41	< 0.33	< 0.5	< 0.4	< 0.41	NA
Dimethyl Phthalate	131113	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Di-N-Butyl Phthalate	84742	< 0.42	< 0.41	< 0.33	< 0.5	< 0.4	< 0.41	NA
Di-N-Octyl Phthalate	117840	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Fluoranthene	206440	< 0.21	< 0.21	< 0.17	< 0.25	0.0214 J	< 0.21	NA
Fluorene	86737	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Hexachloro-1,3-Cyclopentadiene	77474	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Hexachlorobenzene	118741	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Hexachlorobutadiene	87683	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Hexachloroethane	67721	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Indeno(1,2,3-Cd)Pyrene	193395	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Isophorone	78591	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
M-,P-Cresol Mixture	15831104	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Naphthalene	91203	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Nitrobenzene	98953	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
N-Nitrosodimethylamine	62759	< 0.42	< 0.41	< 0.33	< 0.5	< 0.4	< 0.41	NA
N-Nitrosodi-N-Propylamine	621647	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
N-Nitrosodiphenylamine	86306	< 0.21	< 0.21	0.0987 J	< 0.25	< 0.2	< 0.21	NA
Pentachlorophenol	87865	< 1	< 1	< 0.83	< 1.3	< 1	< 1	NA
Phenanthrene	85018	< 0.21	< 0.21	< 0.17	< 0.25	0.0349 J	< 0.21	NA
Phenol	108952	< 0.21	< 0.21	< 0.17	< 0.25	< 0.2	< 0.21	NA
Pyrene	129000	< 0.21	< 0.21	< 0.17	< 0.25	0.0272 J	< 0.21	NA
Pyridine	110861	< 0.42	< 0.41	< 0.33	< 0.5	< 0.4	< 0.41	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	< 0.021	< 0.021	< 0.03	NA	< 0.02	< 0.02	NA
Pcb- 1221	11104282	< 0.021	< 0.021	< 0.03	NA	< 0.02	< 0.02	NA
Pcb- 1232	11141165	< 0.021	< 0.021	< 0.03	NA	< 0.02	< 0.02	NA
Pcb- 1242	53469219	< 0.021	< 0.021	< 0.03	NA	< 0.02	< 0.02	NA
Pcb- 1248	12672296	< 0.021	< 0.021	< 0.03	NA	< 0.02	< 0.02	NA
Pcb- 1254	11097691	< 0.021	< 0.021	< 0.03	NA	< 0.02	< 0.02	NA
Pcb- 1260	11096825	< 0.021	< 0.021	< 0.03	NA	< 0.02	< 0.02	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	< 11	< 10	< 8.3	NA	6.01 J	< 10	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-22-2	DC-23-0.5	DC-23-2	DC-23-5	DC-24-0.5	DC-24-2	DC-24-5
	Sample Depth	2	0.5	2	5	0.5	2	5
	Date Collected	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Surface	Surface	Surface	Subsurface	Surface	Surface	Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.085	< 0.083	< 0.065	NA	< 0.04	0.0304 J	NA
2,4-D	94757	< 0.85	< 0.83	< 0.65	NA	< 0.4	< 0.41	NA
2,4-Db	94826	< 0.85	< 0.83	< 0.65	NA	< 0.4	< 0.41	NA
4,4'-DDD	72548	< 0.0042	< 0.0042	< 0.0033	NA	< 0.004	< 0.0041	NA
4,4'-DDE	72559	< 0.0042	< 0.0042	< 0.0033	NA	< 0.004	< 0.0041	NA
4,4'-DDT	50293	< 0.0042	< 0.0042	< 0.0033	NA	< 0.004	< 0.0041	NA
Aldrin	309002	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Alpha-BHC	319846	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Beta-BHC	319857	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Delta-BHC	319868	< 0.0021	< 0.0021	< 0.0017	NA	< 0.02 R	< 0.02 R	NA
Alpha-Chlordane	5103719	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Dalapon	75990	< 4.2	< 4.2	< 3.3	NA	< 2	< 2	NA
Dicamba	1918009	< 0.085	< 0.083	< 0.065	NA	< 0.04	< 0.041	NA
Dichoroprop	120365	< 0.85	< 0.83	< 0.65	NA	< 0.4	< 0.41	NA
Dieldrin	60571	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Dinoseb	88857	< 2.1	< 2.1	< 1.6	NA	< 0.99	< 1	NA
Endosulfan I	959988	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Endosulfan II	33213659	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Endosulfan sulfate	1031078	< 0.0042	< 0.0042	< 0.0033	NA	< 0.004	< 0.0041	NA
Endrin	72208	< 0.0042	< 0.0042	< 0.0033	NA	< 0.004	< 0.0041	NA
Endrin aldehyde	7421934	< 0.0042	< 0.0042	< 0.0033	NA	< 0.004	< 0.0041	NA
Endrin ketone	53494705	< 0.0042	0.0018 J	< 0.0033	NA	< 0.004	< 0.0041	NA
Gamma-BHC	58899	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Gamma-Chlordane	5103742	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Heptachlor	76448	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Heptachlor epoxide	1024573	< 0.0021	< 0.0021	< 0.0017	NA	< 0.002	< 0.002	NA
Mcpa	94746	< 85	< 83	< 65	NA	< 40	< 41	NA
Mcpp	93652	< 85	< 83	< 65	NA	< 40	93.5	NA
Methoxychlor	72435	< 0.0042	< 0.0042	< 0.0033	NA	< 0.004	< 0.0041	NA
Pentachlorophenol	87865	< 0.085	< 0.083	< 0.065	NA	< 0.04	< 0.041	NA
Silvex (2,4,5-TP)	93721	< 0.085	< 0.083	< 0.065	NA	< 0.04	< 0.041	NA
Toxaphene	8001352	< 0.1	< 0.1	< 0.084	NA	< 0.1	< 0.1	NA
Total Metals (mg/kg)								
Aluminum	7429905	23500	12000	16100	NA	11300	19200	NA
Antimony	7440360	< 5.5	< 5.7	< 4.3	NA	< 4.7	< 4.7	NA
Arsenic	7440382	6.8	8	4.7	NA	7.4	4.2	NA
Barium	7440393	260	156	140	NA	159	307	NA
Beryllium	7440417	< 1.4	< 1.4	< 1.1	NA	< 1.2	< 1.2	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	< 1.1	1.3	< 0.85	NA	< 0.94	< 0.94	NA
Calcium	7440702	4580	8500	3230	NA	3460	3880	NA
Chromium	7440473	22.200001	18.299999	15.5	NA	13.5	17.799999	NA
Cobalt	7440484	< 14	< 14	< 11	NA	< 12	< 12	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-22-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-23-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-23-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-23-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-24-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-24-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-24-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	16	19.9	10.9	NA	19.5	12.1	NA
Iron	7439896	20800	18800	14500	NA	16000	17500	NA
Lead	7439921	16.799999	43.799999	12.6	NA	48.5	12	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	552	928	338	NA	348	268	NA
Magnesium	7439954	5210	2820	3610	NA	2870	4520	NA
Mercury	7439976	< 0.047	< 0.048	< 0.038	NA	< 0.046	< 0.046	NA
Molybdenum	7439987	< 14	< 14	< 11	NA	< 12	< 12	NA
Nickel	7440020	21.9	17	13.6	NA	19.799999	17	NA
Potassium	7440097	3790	< 2800	2650	NA	2460	2940	NA
Selenium	7782492	< 5.5	< 5.7	< 4.3	NA	< 4.7	< 4.7	NA
Silver	7440224	< 2.7	< 2.8	< 2.1	NA	< 2.3	< 2.3	NA
Sodium	7440235	< 2700	< 2800	< 2100	NA	< 2300	< 2300	NA
Strontium (Total)	7440246	65.599998	66.800003	44.799999	NA	44.5	65.300003	NA
Thallium	7440280	< 2.7	< 2.8	< 2.1	NA	< 2.3	< 2.3	NA
Tin	7440315	< 14	< 14	< 11	NA	< 12	< 12	NA
Titanium	7440326	135	147	94.699997	NA	108	66.300003	NA
Vanadium	7440622	37.799999	24.6	26.799999	NA	25.200001	26.4	NA
Zinc	7440666	51.799999	224	39.5	NA	128	42.900002	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-2-5		DC-25-0.5		DC-25-2		DC-25-5		DC-26-0.5		DC-26-2		DC-26-5	
Sample Depth		5		0.5		2		5		0.5		2		5	
Date Collected		10/10/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013	
Sample Type		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation	
RA Area		Central		Central		Central		Central		Central		Central		Central	
Area/SWMU		DC		DC		DC		DC		DC		DC		DC	
Surface/subsurface		Subsurface		Surface		Surface		Subsurface		Surface		Surface		Subsurface	
Constituent	CAS No.														
Volatile Organics (mg/kg)															
1,1,1,2-Tetrachloroethane	630206	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,1,1-Trichloroethane	71556	0.253	J	0.0285		0.031		0.0253	J	0.0711		0.0785		0.0465	J
1,1,2,2-Tetrachloroethane	79345	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,1,2-Trichloroethane	79005	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,1-Dichloroethane	75343	0.0436	J	0.0057		0.0043		0.0066	J	0.0175		0.0172		0.0135	J
1,1-Dichloroethene	75354	0.0122	J	0.0039		0.0025	J	0.0032	J	0.0124		0.0103		0.0055	J
1,1-Dichloropropene	563586	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2,3-Trichlorobenzene	87616	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2,3-Trichloropropane	96184	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2,4-Trichlorobenzene	120821	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2,4-Trimethylbenzene	95636	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2-Dibromoethane	106934	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2-Dichlorobenzene	95501	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2-Dichloroethane	107062	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,2-Dichloroethene, Total	540590	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	78875	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,3,5-Trimethylbenzene	108678	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,3-Dichlorobenzene	541731	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,3-Dichloropropane	142289	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,4-Dichlorobenzene	106467	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
1,4-Dioxane	123911	0.953	J	< 0.094		< 0.12		< 0.13	J	< 0.14		0.135	J	0.138	J
2,2-Dichloropropane	594207	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
2-Butanone	78933	< 0.02	J	< 0.012		< 0.014		< 0.016	J	< 0.017		< 0.012		< 0.016	J
2-Chloroethyl Vinyl Ether	110758	< 0.02	J	< 0.012		< 0.014		< 0.016	J	< 0.017		< 0.012		< 0.016	J
2-Chlorotoluene	95498	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
2-Hexanone (methyl butyl ketone)	591786	< 0.02	J	< 0.012		< 0.014		< 0.016	J	< 0.017		< 0.012		< 0.016	J
3-Chloro-1,2-Dibromopropane	96128	NA		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene	106434	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
4-Isopropyltoluene	99876	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
4-Methyl-2-Pentanone	108101	< 0.02	J	< 0.012		< 0.014		< 0.016	J	< 0.017		< 0.012		< 0.016	J
Acetone	67641	< 0.041	J	< 0.023		0.0197	J	0.0158	J	< 0.034		< 0.023		< 0.031	J
Acrolein	107028	< 0.02	J	< 0.012		< 0.014		< 0.016	J	< 0.017		< 0.012		< 0.016	J
Acrylonitrile	107131	< 0.02	J	< 0.012		< 0.014		< 0.016	J	< 0.017		< 0.012		< 0.016	J
Benzene	71432	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Bromobenzene	108861	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Bromochloromethane	74975	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Bromodichloromethane	75274	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Bromoform	75252	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Bromomethane	74839	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Carbon Disulfide	75150	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Carbon Tetrachloride	56235	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Chlorobenzene	108907	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Dibromochloromethane	124481	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-2-5		DC-25-0.5		DC-25-2		DC-25-5		DC-26-0.5		DC-26-2		DC-26-5	
Sample Depth		5		0.5		2		5		0.5		2		5	
Date Collected		10/10/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013	
Sample Type		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation		Investigation	
RA Area		Central		Central		Central		Central		Central		Central		Central	
Area/SWMU		DC		DC		DC		DC		DC		DC		DC	
Surface/subsurface		Subsurface		Surface		Surface		Subsurface		Surface		Surface		Subsurface	
Constituent	CAS No.														
Volatile Organics (mg/kg) (continued)															
Chloroethane	75003	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Chloroform	67663	0.0014	J	0.00072	J	< 0.0029		< 0.0031	J	0.001	J	0.00083	J	< 0.0031	J
Chloromethane	74873	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Cis-1,2-Dichloroethene	156592	1.06	J	1.23		0.335		0.338	J	6.25		2.76		0.685	J
Cis-1,3-Dichloropropene	10061015	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Dibromomethane	74953	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Dichlorodifluoromethane	75718	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Ethylbenzene	100414	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Hexachlorobutadiene	87683	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Isopropylbenzene	98828	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
M,P-Xylenes	179601231	< 0.0081	J	< 0.0047		< 0.0058		< 0.0063	J	< 0.0068		< 0.0046		< 0.0063	J
Methyl Tert-Butyl Ether	1634044	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Methylene Chloride	75092	< 0.0081	J	< 0.0047		< 0.0058		< 0.0063	J	< 0.0068		< 0.0046		< 0.0063	J
Naphthalene	91203	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
N-Butylbenzene	104518	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
N-Propylbenzene	103651	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
O-Xylene	95476	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Sec-Butylbenzene	135988	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Styrene	100425	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Tert-Butylbenzene	98066	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Tetrachloroethene	127184	2.49	J	38.1		7.53		1.71	J	48.4		33.5		2.29	J
Toluene	108883	< 0.0041	J	0.156		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Total Xylenes	1330207	< 0.0081		< 0.0047		< 0.0058		< 0.0063		< 0.0068		< 0.0046		< 0.0063	
Trans-1,2-Dichloroethene	156605	0.0072	J	0.0035		0.0016	J	0.0011	J	0.0062		0.004		0.0016	J
Trans-1,3-Dichloropropene	10061026	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Trichloroethene	79016	0.437	J	6.85		0.99		0.258	J	11.6		5.13		0.402	J
Trichlorofluoromethane	75694	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Vinyl Acetate	108054	< 0.02	J	< 0.012		< 0.014		< 0.016	J	< 0.017		< 0.012		< 0.016	J
Vinyl Chloride	75014	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
Dibromochloropropane (DBCP)	67708832	< 0.0041	J	< 0.0023		< 0.0029		< 0.0031	J	< 0.0034		< 0.0023		< 0.0031	J
VOCs - Method 3810 Mod															
Benzene	71432	NA		NA		NA		NA		NA		NA		NA	
Cis-1,2-Dichloroethene	156592	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	100414	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	127184	NA		NA		NA		NA		NA		NA		NA	
Toluene	108883	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	79016	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	1330207	NA		NA		NA		NA		NA		NA		NA	

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-2-5 5 10/10/2013 Investigation Central DC Subsurface	DC-25-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-25-2 2 10/16/2013 Investigation Central DC Surface	DC-25-5 5 10/16/2013 Investigation Central DC Subsurface	DC-26-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-26-2 2 10/16/2013 Investigation Central DC Surface	DC-26-5 5 10/16/2013 Investigation Central DC Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
1,2-Dichlorobenzene	95501	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
1,2-Diphenylhydrazine	122667	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
1,3-Dichlorobenzene	541731	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
1,4-Dichlorobenzene	106467	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
1-Methylnaphthalene	90120	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2,4,5-Trichlorophenol	95954	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2,4,6-Trichlorophenol	88062	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2,4-Dichlorophenol	120832	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2,4-Dimethylphenol	105679	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2,4-Dinitrophenol	51285	NA	< 0.84	< 1	NA	< 0.027	< 0.83	NA
2,4-Dinitrotoluene	121142	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2,6-Dinitrotoluene	606202	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2-Chloronaphthalene	91587	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2-Chlorophenol	95578	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2-Methylnaphthalene	91576	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2-Methylphenol	95487	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2-Nitroaniline	88744	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
2-Nitrophenol	88755	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
3,3'-Dichlorobenzidine	91941	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
3-Nitroaniline	99092	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
4,6-Dinitro-2-Methylphenol	534521	NA	< 0.33	< 0.41	NA	< 0.011	< 0.33	NA
4-Bromophenyl Phenyl Ether	101553	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
4-Chloro-3-Methylphenol	59507	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
4-Chloroaniline	106478	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
4-Nitroaniline	100016	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
4-Nitrophenol	100027	NA	< 0.84	< 1	NA	< 0.027	< 0.83	NA
Acenaphthene	83329	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Acenaphthylene	208968	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Aniline	62533	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Anthracene	120127	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Benzidine	92875	NA	< 1.7	< 2	NA	< 0.053	< 1.7	NA
Benzo(A)Anthracene	56553	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Benzo(A)Pyrene	50328	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Benzo(B)Fluoranthene	205992	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Benzo(G,H,I)Perylene	191242	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Benzo(K)Fluoranthene	207089	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Benzoic Acid	65850	NA	< 0.84	< 1	NA	< 0.027	< 0.83	NA
Benzyl Alcohol	100516	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Bis(2-Chloroethoxy)Methane	111911	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Bis(2-Chloroethyl)Ether	111444	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-2-5	DC-25-0.5	DC-25-2	DC-25-5	DC-26-0.5	DC-26-2	DC-26-5
Sample Depth		5	0.5	2	5	0.5	2	5
Date Collected		10/10/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Subsurface	Surface	Surface	Subsurface	Surface	Surface	Subsurface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	< 0.33	< 0.41	NA	< 0.011	< 0.33	NA
Butyl Benzyl Phthalate	85687	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Carbazole	86748	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Chrysene	218019	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Dibenz(A,H)Anthracene	53703	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Dibenzofuran	132649	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Diethyl Phthalate	84662	NA	< 0.33	< 0.41	NA	< 0.011	< 0.33	NA
Dimethyl Phthalate	131113	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Di-N-Butyl Phthalate	84742	NA	< 0.33	< 0.41	NA	< 0.011	< 0.33	NA
Di-N-Octyl Phthalate	117840	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Fluoranthene	206440	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Fluorene	86737	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Hexachlorobenzene	118741	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Hexachlorobutadiene	87683	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Hexachloroethane	67721	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Isophorone	78591	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
M-,P-Cresol Mixture	15831104	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Naphthalene	91203	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Nitrobenzene	98953	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
N-Nitrosodimethylamine	62759	NA	< 0.33	< 0.41	NA	< 0.011	< 0.33	NA
N-Nitrosodi-N-Propylamine	621647	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
N-Nitrosodiphenylamine	86306	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Pentachlorophenol	87865	NA	< 0.84	< 1	NA	< 0.027	< 0.83	NA
Phenanthrene	85018	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Phenol	108952	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Pyrene	129000	NA	< 0.17	< 0.2	NA	< 0.0053	< 0.17	NA
Pyridine	110861	NA	< 0.33	< 0.41	NA	< 0.011	< 0.33	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	< 0.024	< 0.02	NA	< 0.061	< 0.02	NA
Pcb- 1221	11104282	NA	< 0.024	< 0.02	NA	< 0.061	< 0.02	NA
Pcb- 1232	11141165	NA	< 0.024	< 0.02	NA	< 0.061	< 0.02	NA
Pcb- 1242	53469219	NA	< 0.024	< 0.02	NA	< 0.061	< 0.02	NA
Pcb- 1248	12672296	NA	< 0.024	< 0.02	NA	< 0.061	< 0.02	NA
Pcb- 1254	11097691	NA	< 0.024	< 0.02	NA	< 0.061	< 0.02	NA
Pcb- 1260	11096825	NA	< 0.024	< 0.02	NA	< 0.061	< 0.02	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	< 8.2	5.1 J	NA	3.88 J	< 8.4	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-2-5 5 10/10/2013 Investigation Central DC Subsurface	DC-25-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-25-2 2 10/16/2013 Investigation Central DC Surface	DC-25-5 5 10/16/2013 Investigation Central DC Subsurface	DC-26-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-26-2 2 10/16/2013 Investigation Central DC Surface	DC-26-5 5 10/16/2013 Investigation Central DC Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	< 0.033	< 0.041	NA	< 0.033	< 0.033	NA
2,4-D	94757	NA	< 0.33	< 0.41	NA	< 0.33	< 0.33	NA
2,4-Db	94826	NA	< 0.33	< 0.41	NA	< 0.33	< 0.33	NA
4,4'-DDD	72548	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
4,4'-DDE	72559	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
4,4'-DDT	50293	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
Aldrin	309002	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Alpha-BHC	319846	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Beta-BHC	319857	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Delta-BHC	319868	NA	< 0.017 R	< 0.02 R	NA	< 0.017 R	< 0.017 R	NA
Alpha-Chlordane	5103719	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Dalapon	75990	NA	< 1.6	< 2.1	NA	< 1.7	< 1.7	NA
Dicamba	1918009	NA	< 0.033	< 0.041	NA	< 0.033	< 0.033	NA
Dichoroprop	120365	NA	< 0.33	< 0.41	NA	< 0.33	< 0.33	NA
Dieldrin	60571	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Dinoseb	88857	NA	< 0.82	< 1	NA	< 0.83	< 0.83	NA
Endosulfan I	959988	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Endosulfan II	33213659	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Endosulfan sulfate	1031078	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
Endrin	72208	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
Endrin aldehyde	7421934	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
Endrin ketone	53494705	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
Gamma-BHC	58899	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Gamma-Chlordane	5103742	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Heptachlor	76448	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Heptachlor epoxide	1024573	NA	< 0.0017	< 0.002	NA	< 0.0017	< 0.0017	NA
Mcpa	94746	NA	< 33	< 41	NA	< 33	< 33	NA
Mcpp	93652	NA	< 33	< 41	NA	< 33	< 33	NA
Methoxychlor	72435	NA	< 0.0033	< 0.0041	NA	< 0.0034	< 0.0033	NA
Pentachlorophenol	87865	NA	< 0.033	< 0.041	NA	< 0.033	< 0.033	NA
Silvex (2,4,5-TP)	93721	NA	< 0.033	< 0.041	NA	< 0.033	< 0.033	NA
Toxaphene	8001352	NA	< 0.083	< 0.1	NA	< 0.084	< 0.083	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	13800	17200	NA	13100	12100	NA
Antimony	7440360	NA	< 4.7	< 5.8	NA	< 4.3	< 3.7	NA
Arsenic	7440382	NA	5.3	6.5	NA	5.4	4.3	NA
Barium	7440393	NA	151	146	NA	146	93.900002	NA
Beryllium	7440417	NA	< 1.2	< 1.4	NA	< 1.1	< 0.92	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	< 0.93	< 1.2	NA	< 0.85	< 0.74	NA
Calcium	7440702	NA	3200	4430	NA	2990	2770	NA
Chromium	7440473	NA	14.6	19.700001	NA	16.5	13.4	NA
Cobalt	7440484	NA	< 12	< 14	NA	< 11	< 9.2	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-2-5 / 5 / 10/10/2013 / Investigation / Central / DC / Subsurface	DC-25-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-25-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-25-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-26-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-26-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-26-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	11.5	18.200001	NA	14.4	12.3	NA
Iron	7439896	NA	13700	18100	NA	14200	13400	NA
Lead	7439921	NA	17.4	50.700001	NA	26.799999	25.700001	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	312	370	NA	272	213	NA
Magnesium	7439954	NA	3620	3660	NA	3220	3280	NA
Mercury	7439976	NA	< 0.04	< 0.047	NA	< 0.037	< 0.039	NA
Molybdenum	7439987	NA	< 12	< 14	NA	< 11	< 9.2	NA
Nickel	7440020	NA	15.2	19.299999	NA	17.1	15.7	NA
Potassium	7440097	NA	2810	3170	NA	2760	2440	NA
Selenium	7782492	NA	< 4.7	< 5.8	NA	< 4.3	< 3.7	NA
Silver	7440224	NA	< 2.3	< 2.9	NA	< 2.1	< 1.8	NA
Sodium	7440235	NA	< 2300	< 2900	NA	< 2100	< 1800	NA
Strontium (Total)	7440246	NA	42.900002	50	NA	50.299999	46.5	NA
Thallium	7440280	NA	< 2.3	< 2.9	NA	< 2.1	< 1.8	NA
Tin	7440315	NA	< 12	< 14	NA	< 11	< 9.2	NA
Titanium	7440326	NA	109	134	NA	102	77.900002	NA
Vanadium	7440622	NA	24.9	31.299999	NA	22.1	18.5	NA
Zinc	7440666	NA	48.799999	119	NA	75.400002	115	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-27-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-27-2 2 10/16/2013 Investigation Central DC Surface	DC-27-5 5 10/16/2013 Investigation Central DC Subsurface	DC-28-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-28-2 2 10/16/2013 Investigation Central DC Surface	DC-28-5 5 10/16/2013 Investigation Central DC Subsurface	DC-29-10 10 12/19/2013 Investigation Central DC Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,1,1-Trichloroethane	71556	0.0616	0.078	0.0626	0.0396	0.0699 J	0.0303 J	NA
1,1,2,2-Tetrachloroethane	79345	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,1,2-Trichloroethane	79005	< 0.0034	0.00085 J	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,1-Dichloroethane	75343	0.0122	0.0186	0.0154	0.0093	0.0149 J	0.0085 J	NA
1,1-Dichloroethene	75354	0.0073	0.0067	0.0067	0.006	0.0089 J	0.0037 J	NA
1,1-Dichloropropene	563586	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2,3-Trichlorobenzene	87616	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2,3-Trichloropropane	96184	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2,4-Trichlorobenzene	120821	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2,4-Trimethylbenzene	95636	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2-Dibromoethane	106934	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2-Dichlorobenzene	95501	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2-Dichloroethane	107062	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,3,5-Trimethylbenzene	108678	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,3-Dichlorobenzene	541731	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,3-Dichloropropane	142289	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,4-Dichlorobenzene	106467	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
1,4-Dioxane	123911	0.354	0.705	0.424	< 0.14	< 0.12 J	< 0.14	NA
2,2-Dichloropropane	594207	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
2-Butanone	78933	< 0.017	< 0.019	< 0.015	< 0.018	< 0.015 J	< 0.017	NA
2-Chloroethyl Vinyl Ether	110758	< 0.017	< 0.019	< 0.015	< 0.018	< 0.015 J	< 0.017	NA
2-Chlorotoluene	95498	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
2-Hexanone (methyl butyl ketone)	591786	< 0.017	< 0.019	< 0.015	< 0.018	< 0.015 J	< 0.017	NA
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
4-Isopropyltoluene	99876	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
4-Methyl-2-Pentanone	108101	< 0.017	< 0.019	< 0.015	< 0.018	< 0.015 J	< 0.017	NA
Acetone	67641	< 0.034	< 0.038	< 0.03	< 0.036	< 0.029 J	< 0.034	NA
Acrolein	107028	< 0.017	< 0.019	< 0.015	< 0.018	< 0.015 J	< 0.017	NA
Acrylonitrile	107131	< 0.017	< 0.019	< 0.015	< 0.018	< 0.015 J	< 0.017	NA
Benzene	71432	0.00071 J	0.00094 J	< 0.003	0.00072 J	0.00088 J	< 0.0034	NA
Bromobenzene	108861	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Bromochloromethane	74975	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Bromodichloromethane	75274	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Bromoform	75252	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Bromomethane	74839	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Carbon Disulfide	75150	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Carbon Tetrachloride	56235	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Chlorobenzene	108907	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Dibromochloromethane	124481	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-27-0.5	DC-27-2	DC-27-5	DC-28-0.5	DC-28-2	DC-28-5	DC-29-10
Sample Depth		0.5	2	5	0.5	2	5	10
Date Collected		10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	12/19/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Surface	Surface	Subsurface	Subsurface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Chloroform	67663	0.0011 J	0.0014 J	< 0.003	0.0014 J	0.0012 J	< 0.0034	NA
Chloromethane	74873	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Cis-1,2-Dichloroethene	156592	3.98	0.723	0.758	0.422	0.508 J	0.42 J	NA
Cis-1,3-Dichloropropene	10061015	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Dibromomethane	74953	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Dichlorodifluoromethane	75718	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Ethylbenzene	100414	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Hexachlorobutadiene	87683	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Isopropylbenzene	98828	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
M,P-Xylenes	179601231	< 0.0067	< 0.0077	< 0.0061	< 0.0071	< 0.0058 J	< 0.0069	NA
Methyl Tert-Butyl Ether	1634044	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Methylene Chloride	75092	< 0.0067	< 0.0077	< 0.0061	< 0.0071	< 0.0058 J	< 0.0069	NA
Naphthalene	91203	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
N-Butylbenzene	104518	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
N-Propylbenzene	103651	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
O-Xylene	95476	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Sec-Butylbenzene	135988	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Styrene	100425	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Tert-Butylbenzene	98066	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Tetrachloroethene	127184	58.8	9.03	3.4	10.4	12.1 J	2.75 J	NA
Toluene	108883	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Total Xylenes	1330207	< 0.0067	< 0.0077	< 0.0061	< 0.0071	< 0.0058 J	< 0.0069	NA
Trans-1,2-Dichloroethene	156605	0.0047	0.0044	0.0025 J	0.0054	0.0067 J	0.0017 J	NA
Trans-1,3-Dichloropropene	10061026	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Trichloroethene	79016	17.4	1.37	0.553	2.6	1.79 J	0.415 J	NA
Trichlorofluoromethane	75694	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Vinyl Acetate	108054	< 0.017	< 0.019	< 0.015	< 0.018	< 0.015 J	< 0.017	NA
Vinyl Chloride	75014	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
Dibromochloropropane (DBCP)	67708832	< 0.0034	< 0.0038	< 0.003	< 0.0036	< 0.0029 J	< 0.0034	NA
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	< 0.0084 J
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	0.0296 J
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	< 0.0084 J
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	0.0454 J
Toluene	108883	NA	NA	NA	NA	NA	NA	< 0.0084 J
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	0.0088 J
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	< 0.0084 J

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-27-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-27-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-27-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-28-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-28-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-28-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-29-10 / 10 / 12/19/2013 / Investigation / Central / DC / Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
1,2-Dichlorobenzene	95501	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
1,2-Diphenylhydrazine	122667	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
1,3-Dichlorobenzene	541731	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
1,4-Dichlorobenzene	106467	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
1-Methylnaphthalene	90120	0.0303 J	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2,4,5-Trichlorophenol	95954	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2,4,6-Trichlorophenol	88062	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2,4-Dichlorophenol	120832	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2,4-Dimethylphenol	105679	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2,4-Dinitrophenol	51285	< 0.99	< 1.1	< 0.98	< 1 J	< 0.83	< 1	NA
2,4-Dinitrotoluene	121142	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2,6-Dinitrotoluene	606202	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2-Chloronaphthalene	91587	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2-Chlorophenol	95578	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2-Methylnaphthalene	91576	0.0294 J	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2-Methylphenol	95487	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2-Nitroaniline	88744	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
2-Nitrophenol	88755	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
3,3'-Dichlorobenzidine	91941	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
3-Nitroaniline	99092	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
4,6-Dinitro-2-Methylphenol	534521	< 0.4	< 0.43	< 0.39	< 0.4 J	< 0.33	< 0.4	NA
4-Bromophenyl Phenyl Ether	101553	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
4-Chloro-3-Methylphenol	59507	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
4-Chloroaniline	106478	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
4-Chlorophenyl Phenyl Ether	7005723	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
4-Nitroaniline	100016	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
4-Nitrophenol	100027	< 0.99	< 1.1	< 0.98	< 1 J	< 0.83	< 1	NA
Acenaphthene	83329	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Acenaphthylene	208968	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Aniline	62533	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Anthracene	120127	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Benzidine	92875	< 2	< 2.1	< 2	< 2 J	< 1.7	< 2	NA
Benzo(A)Anthracene	56553	0.0207 J	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Benzo(A)Pyrene	50328	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Benzo(B)Fluoranthene	205992	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Benzo(G,H,I)Perylene	191242	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Benzo(K)Fluoranthene	207089	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Benzoic Acid	65850	< 0.99	< 1.1	< 0.98	< 1 J	< 0.83	< 1	NA
Benzyl Alcohol	100516	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Bis(2-Chloroethoxy)Methane	111911	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Bis(2-Chloroethyl)Ether	111444	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Bis(2-Chloroisopropyl)Ether	108601	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-27-0.5	DC-27-2	DC-27-5	DC-28-0.5	DC-28-2	DC-28-5	DC-29-10
	Sample Depth	0.5	2	5	0.5	2	5	10
	Date Collected	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	12/19/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Surface	Surface	Subsurface	Surface	Surface	Subsurface	Subsurface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.4	< 0.43	< 0.39	< 0.4 J	< 0.33	< 0.4	NA
Butyl Benzyl Phthalate	85687	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Carbazole	86748	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Chrysene	218019	0.0258 J	< 0.21	< 0.2	< 0.2 J	0.018 J	< 0.2	NA
Dibenz(A,H)Anthracene	53703	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Dibenzofuran	132649	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Diethyl Phthalate	84662	< 0.4	< 0.43	< 0.39	< 0.4 J	< 0.33	< 0.4	NA
Dimethyl Phthalate	131113	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Di-N-Butyl Phthalate	84742	< 0.4	< 0.43	< 0.39	< 0.4 J	< 0.33	< 0.4	NA
Di-N-Octyl Phthalate	117840	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Fluoranthene	206440	0.0225 J	< 0.21	< 0.2	< 0.2 J	0.0229 J	< 0.2	NA
Fluorene	86737	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Hexachloro-1,3-Cyclopentadiene	77474	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Hexachlorobenzene	118741	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Hexachlorobutadiene	87683	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Hexachloroethane	67721	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Indeno(1,2,3-Cd)Pyrene	193395	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Isophorone	78591	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
M-,P-Cresol Mixture	15831104	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Naphthalene	91203	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Nitrobenzene	98953	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
N-Nitrosodimethylamine	62759	< 0.4	< 0.43	< 0.39	< 0.4 J	< 0.33	< 0.4	NA
N-Nitrosodi-N-Propylamine	621647	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
N-Nitrosodiphenylamine	86306	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Pentachlorophenol	87865	< 0.99	< 1.1	< 0.98	< 1 J	< 0.83	< 1	NA
Phenanthrene	85018	0.0445 J	< 0.21	< 0.2	< 0.2 J	0.021 J	< 0.2	NA
Phenol	108952	< 0.2	< 0.21	< 0.2	< 0.2 J	< 0.17	< 0.2	NA
Pyrene	129000	0.0203 J	< 0.21	< 0.2	< 0.2 J	0.0191 J	< 0.2	NA
Pyridine	110861	< 0.4	< 0.43	< 0.39	< 0.4 J	< 0.33	< 0.4	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	< 0.02	NA	NA	< 0.02	< 0.016	NA	NA
Pcb- 1221	11104282	< 0.02	NA	NA	< 0.02	< 0.016	NA	NA
Pcb- 1232	11141165	< 0.02	NA	NA	< 0.02	< 0.016	NA	NA
Pcb- 1242	53469219	< 0.02	NA	NA	< 0.02	< 0.016	NA	NA
Pcb- 1248	12672296	< 0.02	NA	NA	< 0.02	< 0.016	NA	NA
Pcb- 1254	11097691	< 0.02	NA	NA	< 0.02	< 0.016	NA	NA
Pcb- 1260	11096825	< 0.02	NA	NA	< 0.02	< 0.016	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	4.28 J	< 10	< 10	< 10	< 8.3	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-27-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-27-2 2 10/16/2013 Investigation Central DC Surface	DC-27-5 5 10/16/2013 Investigation Central DC Subsurface	DC-28-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-28-2 2 10/16/2013 Investigation Central DC Surface	DC-28-5 5 10/16/2013 Investigation Central DC Subsurface	DC-29-10 10 12/19/2013 Investigation Central DC Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.039	0.0268 J	< 0.04	< 0.041	< 0.034	NA	NA
2,4-D	94757	< 0.39	< 0.43	< 0.4	< 0.41	< 0.34	NA	NA
2,4-Db	94826	< 0.39	< 0.43	< 0.4	< 0.41	< 0.34	NA	NA
4,4'-DDD	72548	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
4,4'-DDE	72559	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
4,4'-DDT	50293	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
Aldrin	309002	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Alpha-BHC	319846	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Beta-BHC	319857	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Delta-BHC	319868	< 0.02 R	< 0.021 R	< 0.02 R	< 0.02 R	< 0.017 R	NA	NA
Alpha-Chlordane	5103719	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Dalapon	75990	< 2	< 2.1	< 2	< 2.1	< 1.7	NA	NA
Dicamba	1918009	< 0.039	< 0.043	< 0.04	< 0.041	< 0.034	NA	NA
Dichoroprop	120365	< 0.39	< 0.43	< 0.4	< 0.41	< 0.34	NA	NA
Dieldrin	60571	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Dinoseb	88857	< 0.99	< 1.1	< 1	< 1	< 0.84	NA	NA
Endosulfan I	959988	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Endosulfan II	33213659	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Endosulfan sulfate	1031078	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
Endrin	72208	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
Endrin aldehyde	7421934	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
Endrin ketone	53494705	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
Gamma-BHC	58899	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Gamma-Chlordane	5103742	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Heptachlor	76448	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Heptachlor epoxide	1024573	< 0.002	< 0.0021	< 0.002	< 0.002	< 0.0017	NA	NA
Mcpa	94746	< 39	< 43	< 40	< 41	< 34	NA	NA
Mcpp	93652	< 39	< 43	< 40	< 41	26.5 J	NA	NA
Methoxychlor	72435	< 0.0041	< 0.0043	< 0.004	< 0.0041	< 0.0033	NA	NA
Pentachlorophenol	87865	< 0.039	< 0.043	< 0.04	< 0.041	< 0.068	NA	NA
Silvex (2,4,5-TP)	93721	< 0.039	< 0.043	< 0.04	< 0.041	< 0.034	NA	NA
Toxaphene	8001352	< 0.1	< 0.11	< 0.1	< 0.1	< 0.083	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	13500	20200	NA	16200	13000	NA	NA
Antimony	7440360	< 4.6	< 5.8	NA	< 5.2	< 3.8	NA	NA
Arsenic	7440382	7.5	5	NA	5.8	5.3	NA	NA
Barium	7440393	179	206	NA	172	188	NA	NA
Beryllium	7440417	< 1.2	< 1.4	NA	< 1.3	< 0.94	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	< 0.92	< 1.2	NA	< 1	< 0.75	NA	NA
Calcium	7440702	3810	4120	NA	5600	3820	NA	NA
Chromium	7440473	17.200001	19.200001	NA	16.5	14	NA	NA
Cobalt	7440484	< 12	< 14	NA	< 13	< 9.4	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-27-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-27-2 2 10/16/2013 Investigation Central DC Surface	DC-27-5 5 10/16/2013 Investigation Central DC Subsurface	DC-28-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-28-2 2 10/16/2013 Investigation Central DC Surface	DC-28-5 5 10/16/2013 Investigation Central DC Subsurface	DC-29-10 10 12/19/2013 Investigation Central DC Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	22.6	14.2	NA	14.3	11	NA	NA
Iron	7439896	15700	17700	NA	16900	12900	NA	NA
Lead	7439921	59.700001	13.9	NA	21	15.8	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	259	364	NA	389	375	NA	NA
Magnesium	7439954	3390	4400	NA	3990	3420	NA	NA
Mercury	7439976	0.048	< 0.051	< 0.045	< 0.046	< 0.037	NA	NA
Molybdenum	7439987	< 12	< 14	NA	< 13	< 9.4	NA	NA
Nickel	7440020	21.700001	17.200001	NA	18	14.3	NA	NA
Potassium	7440097	2840	3530	NA	3370	2700	NA	NA
Selenium	7782492	< 4.6	< 5.8	NA	< 5.2	< 3.8	NA	NA
Silver	7440224	< 2.3	< 2.9	NA	< 2.6	< 1.9	NA	NA
Sodium	7440235	< 2300	< 2900	NA	< 2600	< 1900	NA	NA
Strontium (Total)	7440246	56.200001	61.299999	NA	73.900002	57	NA	NA
Thallium	7440280	< 2.3	< 2.9	NA	< 2.6	< 1.9	NA	NA
Tin	7440315	< 12	< 14	NA	< 13	< 9.4	NA	NA
Titanium	7440326	120	129	NA	119	85	NA	NA
Vanadium	7440622	27	34.5	NA	30.1	24.5	NA	NA
Zinc	7440666	139	43.900002	NA	85.699997	41.099998	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-29-15 15 12/19/2013 Investigation Central DC Subsurface	DC-29-20 20 12/19/2013 Investigation Central DC Subsurface	DC-3-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-30-10 10 12/19/2013 Investigation Central DC Subsurface	DC-30-15 15 12/19/2013 Investigation Central DC Subsurface	DC-30-20 20 12/19/2013 Investigation Central DC Subsurface	DC-31-10 10 12/19/2013 Investigation Central DC Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,1,1-Trichloroethane	71556	0.006	NA	0.568	0.105	NA	NA	NA
1,1,2,2-Tetrachloroethane	79345	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,1,2-Trichloroethane	79005	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,1-Dichloroethane	75343	< 0.0042	NA	0.494	0.0131	NA	NA	NA
1,1-Dichloroethene	75354	< 0.0042	NA	0.0925	0.0084	NA	NA	NA
1,1-Dichloropropene	563586	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2,3-Trichlorobenzene	87616	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2,3-Trichloropropane	96184	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2,4-Trichlorobenzene	120821	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2,4-Trimethylbenzene	95636	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2-Dibromoethane	106934	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2-Dichlorobenzene	95501	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2-Dichloroethane	107062	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,2-Dichloroethene, Total	540590	< 0.0042	NA	NA	0.262	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,3,5-Trimethylbenzene	108678	< 0.0042	NA	0.0015 J	< 0.005	NA	NA	NA
1,3-Dichlorobenzene	541731	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,3-Dichloropropane	142289	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,4-Dichlorobenzene	106467	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
1,4-Dioxane	123911	NA	NA	0.599	NA	NA	NA	NA
2,2-Dichloropropane	594207	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
2-Butanone	78933	< 0.0084	NA	0.0102 J	< 0.01	NA	NA	NA
2-Chloroethyl Vinyl Ether	110758	NA	NA	< 0.015	NA	NA	NA	NA
2-Chlorotoluene	95498	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
2-Hexanone (methyl butyl ketone)	591786	< 0.0168	NA	< 0.015	< 0.0199	NA	NA	NA
3-Chloro-1,2-Dibromopropane	96128	< 0.0084	NA	NA	< 0.01	NA	NA	NA
4-Chlorotoluene	106434	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
4-Isopropyltoluene	99876	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
4-Methyl-2-Pentanone	108101	< 0.0084	NA	< 0.015	< 0.01	NA	NA	NA
Acetone	67641	< 0.0161	NA	0.0645	< 0.0199	NA	NA	NA
Acrolein	107028	NA	NA	< 0.015	NA	NA	NA	NA
Acrylonitrile	107131	NA	NA	< 0.015	NA	NA	NA	NA
Benzene	71432	< 0.0042	NA	0.0023 J	< 0.005	NA	NA	NA
Bromobenzene	108861	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Bromochloromethane	74975	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Bromodichloromethane	75274	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Bromoform	75252	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Bromomethane	74839	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Carbon Disulfide	75150	< 0.0042	NA	0.006	< 0.005	NA	NA	NA
Carbon Tetrachloride	56235	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Chlorobenzene	108907	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Dibromochloromethane	124481	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-29-15	DC-29-20	DC-3-0.5	DC-30-10	DC-30-15	DC-30-20	DC-31-10
Sample Depth		15	20	0.5	10	15	20	10
Date Collected		12/19/2013	12/19/2013	10/16/2013	12/19/2013	12/19/2013	12/19/2013	12/19/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Subsurface	Subsurface	Surface	Subsurface	Subsurface	Subsurface	Subsurface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Chloroform	67663	< 0.0042	NA	0.0039	< 0.005	NA	NA	NA
Chloromethane	74873	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Cis-1,2-Dichloroethene	156592	< 0.0042	NA	52.1	0.26	NA	NA	NA
Cis-1,3-Dichloropropene	10061015	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Dibromomethane	74953	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Dichlorodifluoromethane	75718	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Ethylbenzene	100414	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Hexachlorobutadiene	87683	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Isopropylbenzene	98828	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
M,P-Xylenes	179601231	NA	NA	0.0074	NA	NA	NA	NA
Methyl Tert-Butyl Ether	1634044	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Methylene Chloride	75092	< 0.0042	NA	< 0.0059	< 0.005	NA	NA	NA
Naphthalene	91203	< 0.0084	NA	< 0.003	< 0.01	NA	NA	NA
N-Butylbenzene	104518	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
N-Propylbenzene	103651	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
O-Xylene	95476	NA	NA	0.0033	NA	NA	NA	NA
Sec-Butylbenzene	135988	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Styrene	100425	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Tert-Butylbenzene	98066	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Tetrachloroethene	127184	0.0249	NA	151	0.771	NA	NA	NA
Toluene	108883	< 0.0042	NA	0.0021 J	< 0.005	NA	NA	NA
Total Xylenes	1330207	< 0.0042	NA	0.0107	< 0.005	NA	NA	NA
Trans-1,2-Dichloroethene	156605	< 0.0042	NA	0.08	< 0.005	NA	NA	NA
Trans-1,3-Dichloropropene	10061026	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Trichloroethene	79016	< 0.0042	NA	21.3	0.0728	NA	NA	NA
Trichlorofluoromethane	75694	< 0.0042	NA	< 0.003	< 0.005	NA	NA	NA
Vinyl Acetate	108054	NA	NA	< 0.015	NA	NA	NA	NA
Vinyl Chloride	75014	< 0.0042	NA	0.0021 J	< 0.005	NA	NA	NA
Dibromochloropropane (DBCP)	67708832	NA	NA	< 0.003	NA	NA	NA	NA
VOCs - Method 3810 Mod								
Benzene	71432	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J
Cis-1,2-Dichloroethene	156592	0.0214 J	< 0.0084 J	NA	0.449 J	0.259 J	< 0.0084 J	2.43 J
Ethylbenzene	100414	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J
Tetrachloroethene	127184	0.01 J	< 0.0084 J	NA	0.441 J	0.225 J	0.0091 J	2.293 J
Toluene	108883	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J
Trichloroethene	79016	< 0.0084 J	< 0.0084 J	NA	0.0788 J	0.0459 J	< 0.0084 J	0.27 J
Total Xylenes	1330207	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-29-15 15 12/19/2013 Investigation Central DC Subsurface	DC-29-20 20 12/19/2013 Investigation Central DC Subsurface	DC-3-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-30-10 10 12/19/2013 Investigation Central DC Subsurface	DC-30-15 15 12/19/2013 Investigation Central DC Subsurface	DC-30-20 20 12/19/2013 Investigation Central DC Subsurface	DC-31-10 10 12/19/2013 Investigation Central DC Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	NA	< 0.21	NA	NA	NA	NA
1,2-Dichlorobenzene	95501	NA	NA	< 0.21	NA	NA	NA	NA
1,2-Diphenylhydrazine	122667	NA	NA	< 0.21	NA	NA	NA	NA
1,3-Dichlorobenzene	541731	NA	NA	< 0.21	NA	NA	NA	NA
1,4-Dichlorobenzene	106467	NA	NA	< 0.21	NA	NA	NA	NA
1-Methylnaphthalene	90120	NA	NA	< 0.21	NA	NA	NA	NA
2,4,5-Trichlorophenol	95954	NA	NA	< 0.21	NA	NA	NA	NA
2,4,6-Trichlorophenol	88062	NA	NA	< 0.21	NA	NA	NA	NA
2,4-Dichlorophenol	120832	NA	NA	< 0.21	NA	NA	NA	NA
2,4-Dimethylphenol	105679	NA	NA	< 0.21	NA	NA	NA	NA
2,4-Dinitrophenol	51285	NA	NA	< 1	NA	NA	NA	NA
2,4-Dinitrotoluene	121142	NA	NA	< 0.21	NA	NA	NA	NA
2,6-Dinitrotoluene	606202	NA	NA	< 0.21	NA	NA	NA	NA
2-Chloronaphthalene	91587	NA	NA	< 0.21	NA	NA	NA	NA
2-Chlorophenol	95578	NA	NA	< 0.21	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	NA	< 0.21	NA	NA	NA	NA
2-Methylphenol	95487	NA	NA	< 0.21	NA	NA	NA	NA
2-Nitroaniline	88744	NA	NA	< 0.21	NA	NA	NA	NA
2-Nitrophenol	88755	NA	NA	< 0.21	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91941	NA	NA	< 0.21	NA	NA	NA	NA
3-Nitroaniline	99092	NA	NA	< 0.21	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534521	NA	NA	< 0.42	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101553	NA	NA	< 0.21	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59507	NA	NA	< 0.21	NA	NA	NA	NA
4-Chloroaniline	106478	NA	NA	< 0.21	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	NA	< 0.21	NA	NA	NA	NA
4-Nitroaniline	100016	NA	NA	< 0.21	NA	NA	NA	NA
4-Nitrophenol	100027	NA	NA	< 1	NA	NA	NA	NA
Acenaphthene	83329	NA	NA	< 0.21	NA	NA	NA	NA
Acenaphthylene	208968	NA	NA	< 0.21	NA	NA	NA	NA
Aniline	62533	NA	NA	< 0.21	NA	NA	NA	NA
Anthracene	120127	NA	NA	< 0.21	NA	NA	NA	NA
Benzidine	92875	NA	NA	< 2.1	NA	NA	NA	NA
Benzo(A)Anthracene	56553	NA	NA	< 0.21	NA	NA	NA	NA
Benzo(A)Pyrene	50328	NA	NA	< 0.21	NA	NA	NA	NA
Benzo(B)Fluoranthene	205992	NA	NA	0.0227 J	NA	NA	NA	NA
Benzo(G,H,I)Perylene	191242	NA	NA	< 0.21	NA	NA	NA	NA
Benzo(K)Fluoranthene	207089	NA	NA	< 0.21	NA	NA	NA	NA
Benzoic Acid	65850	NA	NA	< 1	NA	NA	NA	NA
Benzyl Alcohol	100516	NA	NA	< 0.21	NA	NA	NA	NA
Bis(2-Chloroethoxy)Methane	111911	NA	NA	< 0.21	NA	NA	NA	NA
Bis(2-Chloroethyl)Ether	111444	NA	NA	< 0.21	NA	NA	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	NA	< 0.21	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-29-15	DC-29-20	DC-3-0.5	DC-30-10	DC-30-15	DC-30-20	DC-31-10
Sample Depth		15	20	0.5	10	15	20	10
Date Collected		12/19/2013	12/19/2013	10/16/2013	12/19/2013	12/19/2013	12/19/2013	12/19/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Subsurface	Subsurface	Surface	Subsurface	Subsurface	Subsurface	Subsurface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	NA	< 0.42	NA	NA	NA	NA
Butyl Benzyl Phthalate	85687	NA	NA	< 0.21	NA	NA	NA	NA
Carbazole	86748	NA	NA	< 0.21	NA	NA	NA	NA
Chrysene	218019	NA	NA	< 0.21	NA	NA	NA	NA
Dibenz(A,H)Anthracene	53703	NA	NA	< 0.21	NA	NA	NA	NA
Dibenzofuran	132649	NA	NA	< 0.21	NA	NA	NA	NA
Diethyl Phthalate	84662	NA	NA	< 0.42	NA	NA	NA	NA
Dimethyl Phthalate	131113	NA	NA	< 0.21	NA	NA	NA	NA
Di-N-Butyl Phthalate	84742	NA	NA	< 0.42	NA	NA	NA	NA
Di-N-Octyl Phthalate	117840	NA	NA	< 0.21	NA	NA	NA	NA
Fluoranthene	206440	NA	NA	0.0228 J	NA	NA	NA	NA
Fluorene	86737	NA	NA	< 0.21	NA	NA	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	NA	< 0.21	NA	NA	NA	NA
Hexachlorobenzene	118741	NA	NA	< 0.21	NA	NA	NA	NA
Hexachlorobutadiene	87683	NA	NA	< 0.21	NA	NA	NA	NA
Hexachloroethane	67721	NA	NA	< 0.21	NA	NA	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	NA	< 0.21	NA	NA	NA	NA
Isophorone	78591	NA	NA	< 0.21	NA	NA	NA	NA
M-,P-Cresol Mixture	15831104	NA	NA	< 0.21	NA	NA	NA	NA
Naphthalene	91203	NA	NA	< 0.21	NA	NA	NA	NA
Nitrobenzene	98953	NA	NA	< 0.21	NA	NA	NA	NA
N-Nitrosodimethylamine	62759	NA	NA	< 0.42	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	621647	NA	NA	< 0.21	NA	NA	NA	NA
N-Nitrosodiphenylamine	86306	NA	NA	< 0.21	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	< 1	NA	NA	NA	NA
Phenanthrene	85018	NA	NA	< 0.21	NA	NA	NA	NA
Phenol	108952	NA	NA	< 0.21	NA	NA	NA	NA
Pyrene	129000	NA	NA	0.0217 J	NA	NA	NA	NA
Pyridine	110861	NA	NA	< 0.42	NA	NA	NA	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	< 0.021	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	< 0.021	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	< 0.021	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	< 0.021	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	< 0.021	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	< 0.021	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	< 0.021	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	NA	< 10	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-29-15 15 12/19/2013 Investigation Central DC Subsurface	DC-29-20 20 12/19/2013 Investigation Central DC Subsurface	DC-3-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-30-10 10 12/19/2013 Investigation Central DC Subsurface	DC-30-15 15 12/19/2013 Investigation Central DC Subsurface	DC-30-20 20 12/19/2013 Investigation Central DC Subsurface	DC-31-10 10 12/19/2013 Investigation Central DC Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	< 0.2	NA	NA	NA	NA
2,4-D	94757	NA	NA	< 2	NA	NA	NA	NA
2,4-Db	94826	NA	NA	< 2	NA	NA	NA	NA
4,4'-DDD	72548	NA	NA	< 0.0042	NA	NA	NA	NA
4,4'-DDE	72559	NA	NA	< 0.0042	NA	NA	NA	NA
4,4'-DDT	50293	NA	NA	< 0.0042	NA	NA	NA	NA
Aldrin	309002	NA	NA	< 0.0021	NA	NA	NA	NA
Alpha-BHC	319846	NA	NA	< 0.0021	NA	NA	NA	NA
Beta-BHC	319857	NA	NA	< 0.0021	NA	NA	NA	NA
Delta-BHC	319868	NA	NA	< 0.0021	NA	NA	NA	NA
Alpha-Chlordane	5103719	NA	NA	< 0.0021	NA	NA	NA	NA
Dalapon	75990	NA	NA	< 10	NA	NA	NA	NA
Dicamba	1918009	NA	NA	< 0.2	NA	NA	NA	NA
Dichoroprop	120365	NA	NA	< 2	NA	NA	NA	NA
Dieldrin	60571	NA	NA	< 0.0021	NA	NA	NA	NA
Dinoseb	88857	NA	NA	< 5.1	NA	NA	NA	NA
Endosulfan I	959988	NA	NA	< 0.0021	NA	NA	NA	NA
Endosulfan II	33213659	NA	NA	< 0.0021	NA	NA	NA	NA
Endosulfan sulfate	1031078	NA	NA	< 0.0042	NA	NA	NA	NA
Endrin	72208	NA	NA	< 0.0042	NA	NA	NA	NA
Endrin aldehyde	7421934	NA	NA	< 0.0042	NA	NA	NA	NA
Endrin ketone	53494705	NA	NA	< 0.0042	NA	NA	NA	NA
Gamma-BHC	58899	NA	NA	< 0.0021	NA	NA	NA	NA
Gamma-Chlordane	5103742	NA	NA	< 0.0021	NA	NA	NA	NA
Heptachlor	76448	NA	NA	< 0.0021	NA	NA	NA	NA
Heptachlor epoxide	1024573	NA	NA	< 0.0021	NA	NA	NA	NA
Mcpa	94746	NA	NA	< 200	NA	NA	NA	NA
Mcpp	93652	NA	NA	< 200	NA	NA	NA	NA
Methoxychlor	72435	NA	NA	< 0.0042	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	< 0.2	NA	NA	NA	NA
Silvex (2,4,5-TP)	93721	NA	NA	< 0.2	NA	NA	NA	NA
Toxaphene	8001352	NA	NA	< 0.1	NA	NA	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	18300	NA	NA	NA	NA
Antimony	7440360	NA	NA	< 5.6	NA	NA	NA	NA
Arsenic	7440382	NA	NA	9.6	NA	NA	NA	NA
Barium	7440393	NA	NA	225	NA	NA	NA	NA
Beryllium	7440417	NA	NA	< 1.4	NA	NA	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	NA	< 1.1	NA	NA	NA	NA
Calcium	7440702	NA	NA	4760	NA	NA	NA	NA
Chromium	7440473	NA	NA	20.200001	NA	NA	NA	NA
Cobalt	7440484	NA	NA	< 14	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-29-15 / 15 / 12/19/2013 / Investigation / Central / DC / Subsurface	DC-29-20 / 20 / 12/19/2013 / Investigation / Central / DC / Subsurface	DC-3-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-30-10 / 10 / 12/19/2013 / Investigation / Central / DC / Subsurface	DC-30-15 / 15 / 12/19/2013 / Investigation / Central / DC / Subsurface	DC-30-20 / 20 / 12/19/2013 / Investigation / Central / DC / Subsurface	DC-31-10 / 10 / 12/19/2013 / Investigation / Central / DC / Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	25.9	NA	NA	NA	NA
Iron	7439896	NA	NA	21600	NA	NA	NA	NA
Lead	7439921	NA	NA	64.900002	NA	NA	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	NA	225	NA	NA	NA	NA
Magnesium	7439954	NA	NA	4590	NA	NA	NA	NA
Mercury	7439976	NA	NA	0.054	NA	NA	NA	NA
Molybdenum	7439987	NA	NA	< 14	NA	NA	NA	NA
Nickel	7440020	NA	NA	25.1	NA	NA	NA	NA
Potassium	7440097	NA	NA	3820	NA	NA	NA	NA
Selenium	7782492	NA	NA	< 5.6	NA	NA	NA	NA
Silver	7440224	NA	NA	< 2.8	NA	NA	NA	NA
Sodium	7440235	NA	NA	< 2800	NA	NA	NA	NA
Strontium (Total)	7440246	NA	NA	74.800003	NA	NA	NA	NA
Thallium	7440280	NA	NA	< 2.8	NA	NA	NA	NA
Tin	7440315	NA	NA	< 14	NA	NA	NA	NA
Titanium	7440326	NA	NA	170	NA	NA	NA	NA
Vanadium	7440622	NA	NA	35.200001	NA	NA	NA	NA
Zinc	7440666	NA	NA	160	NA	NA	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-31-15 15 12/19/2013 Investigation Central DC Subsurface	DC-31-20 20 12/19/2013 Investigation Central DC Subsurface	DC-3-2 2 10/16/2013 Investigation Central DC Surface	DC-32-10 10 12/19/2013 Investigation Central DC Subsurface	DC-32-15 15 12/19/2013 Investigation Central DC Subsurface	DC-32-20 20 12/19/2013 Investigation Central DC Subsurface	DC-33-10 10 1/8/2014 Investigation Central DC Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,1,1-Trichloroethane	71556	0.0049	NA	0.22	NA	NA	NA	< 0.0027
1,1,2,2-Tetrachloroethane	79345	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,1,2-Trichloroethane	79005	< 0.0049	NA	0.0021	NA	NA	NA	< 0.0027
1,1-Dichloroethane	75343	< 0.0049	NA	0.281	NA	NA	NA	< 0.0027
1,1-Dichloroethene	75354	< 0.0049	NA	0.0378	NA	NA	NA	< 0.0027
1,1-Dichloropropene	563586	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,2,3-Trichlorobenzene	87616	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,2,3-Trichloropropane	96184	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,2,4-Trichlorobenzene	120821	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,2,4-Trimethylbenzene	95636	< 0.0049	NA	0.0011 J	NA	NA	NA	< 0.0027
1,2-Dibromoethane	106934	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,2-Dichlorobenzene	95501	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,2-Dichloroethane	107062	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,2-Dichloroethene, Total	540590	0.0208	NA	NA	NA	NA	NA	< 0.0027
1,2-Dichloropropane	78875	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,3,5-Trimethylbenzene	108678	< 0.0049	NA	0.00067 J	NA	NA	NA	< 0.0027
1,3-Dichlorobenzene	541731	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,3-Dichloropropane	142289	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,4-Dichlorobenzene	106467	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
1,4-Dioxane	123911	NA	NA	0.259	NA	NA	NA	
2,2-Dichloropropane	594207	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
2-Butanone	78933	< 0.0097	NA	0.0119 J	NA	NA	NA	< 0.0054
2-Chloroethyl Vinyl Ether	110758	NA	NA	< 0.01	NA	NA	NA	
2-Chlorotoluene	95498	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
2-Hexanone (methyl butyl ketone)	591786	< 0.0195	NA	< 0.01	NA	NA	NA	< 0.0108
3-Chloro-1,2-Dibromopropane	96128	< 0.0097	NA	NA	NA	NA	NA	< 0.0054
4-Chlorotoluene	106434	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
4-Isopropyltoluene	99876	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
4-Methyl-2-Pentanone	108101	< 0.0097	NA	< 0.01	NA	NA	NA	< 0.0054
Acetone	67641	< 0.0195	NA	0.0828	NA	NA	NA	< 0.0108
Acrolein	107028	NA	NA	< 0.01	NA	NA	NA	
Acrylonitrile	107131	NA	NA	< 0.01	NA	NA	NA	
Benzene	71432	< 0.0049	NA	0.00079 J	NA	NA	NA	< 0.0027
Bromobenzene	108861	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Bromochloromethane	74975	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Bromodichloromethane	75274	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Bromoform	75252	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Bromomethane	74839	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Carbon Disulfide	75150	< 0.0049	NA	0.0019 J	NA	NA	NA	< 0.0027
Carbon Tetrachloride	56235	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Chlorobenzene	108907	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Dibromochloromethane	124481	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification	DC-31-15	DC-31-20	DC-3-2	DC-32-10	DC-32-15	DC-32-20	DC-33-10
Sample Depth	15	20	2	10	15	20	10
Date Collected	12/19/2013	12/19/2013	10/16/2013	12/19/2013	12/19/2013	12/19/2013	1/8/2014
Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area	Central	Central	Central	Central	Central	Central	Central
Area/SWMU	DC	DC	DC	DC	DC	DC	DC
Surface/subsurface	Subsurface	Subsurface	Surface	Subsurface	Subsurface	Subsurface	Subsurface
Constituent / CAS No.							
Volatile Organics (mg/kg) (continued)							
Chloroethane 75003	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Chloroform 67663	< 0.0049	NA	0.0016 J	NA	NA	NA	< 0.0027
Chloromethane 74873	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Cis-1,2-Dichloroethene 156592	0.0208	NA	4.28	NA	NA	NA	< 0.0027
Cis-1,3-Dichloropropene 10061015	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Dibromomethane 74953	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Dichlorodifluoromethane 75718	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Ethylbenzene 100414	< 0.0049	NA	0.0026	NA	NA	NA	< 0.0027
Hexachlorobutadiene 87683	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Isopropylbenzene 98828	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
M,P-Xylenes 179601231	NA	NA	0.0116	NA	NA	NA	NA
Methyl Tert-Butyl Ether 1634044	< 0.0049	NA	0.0006 J	NA	NA	NA	< 0.0027
Methylene Chloride 75092	< 0.0049	NA	0.0026 J	NA	NA	NA	< 0.0027
Naphthalene 91203	< 0.0097	NA	< 0.002	NA	NA	NA	< 0.0054
N-Butylbenzene 104518	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
N-Propylbenzene 103651	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
O-Xylene 95476	NA	NA	0.0044	NA	NA	NA	NA
Sec-Butylbenzene 135988	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Styrene 100425	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Tert-Butylbenzene 98066	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Tetrachloroethene 127184	0.0258	NA	4.98	NA	NA	NA	< 0.0027
Toluene 108883	< 0.0049	NA	0.0035	NA	NA	NA	< 0.0027
Total Xylenes 1330207	< 0.0049	NA	0.016	NA	NA	NA	< 0.0027
Trans-1,2-Dichloroethene 156605	< 0.0049	NA	0.0299	NA	NA	NA	< 0.0027
Trans-1,3-Dichloropropene 10061026	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Trichloroethene 79016	< 0.0049	NA	0.613	NA	NA	NA	< 0.0027
Trichlorofluoromethane 75694	< 0.0049	NA	< 0.002	NA	NA	NA	< 0.0027
Vinyl Acetate 108054	NA	NA	< 0.01	NA	NA	NA	NA
Vinyl Chloride 75014	< 0.0049	NA	0.0014 J	NA	NA	NA	< 0.0027
Dibromochloropropane (DBCP) 67708832	NA	NA	< 0.002	NA	NA	NA	NA
VOCs - Method 3810 Mod							
Benzene 71432	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J
Cis-1,2-Dichloroethene 156592	0.198 J	< 0.0084 J	NA	6.185 J	3.326 J	0.0675 J	< 0.0084 J
Ethylbenzene 100414	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J
Tetrachloroethene 127184	0.195 J	0.0087 J	NA	3.37 J	0.649 J	0.0085 J	< 0.0084 J
Toluene 108883	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J
Trichloroethene 79016	0.024 J	< 0.0084 J	NA	0.598 J	0.142 J	< 0.0084 J	< 0.0084 J
Total Xylenes 1330207	< 0.0084 J	< 0.0084 J	NA	< 0.0084 J	< 0.0084 J	< 0.0084 J	< 0.0084 J

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-31-15 15 12/19/2013 Investigation Central DC Subsurface	DC-31-20 20 12/19/2013 Investigation Central DC Subsurface	DC-3-2 2 10/16/2013 Investigation Central DC Surface	DC-32-10 10 12/19/2013 Investigation Central DC Subsurface	DC-32-15 15 12/19/2013 Investigation Central DC Subsurface	DC-32-20 20 12/19/2013 Investigation Central DC Subsurface	DC-33-10 10 1/8/2014 Investigation Central DC Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	NA	< 0.17	NA	NA	NA	NA
1,2-Dichlorobenzene	95501	NA	NA	< 0.17	NA	NA	NA	NA
1,2-Diphenylhydrazine	122667	NA	NA	< 0.17	NA	NA	NA	NA
1,3-Dichlorobenzene	541731	NA	NA	< 0.17	NA	NA	NA	NA
1,4-Dichlorobenzene	106467	NA	NA	< 0.17	NA	NA	NA	NA
1-Methylnaphthalene	90120	NA	NA	< 0.17	NA	NA	NA	NA
2,4,5-Trichlorophenol	95954	NA	NA	< 0.17	NA	NA	NA	NA
2,4,6-Trichlorophenol	88062	NA	NA	< 0.17	NA	NA	NA	NA
2,4-Dichlorophenol	120832	NA	NA	< 0.17	NA	NA	NA	NA
2,4-Dimethylphenol	105679	NA	NA	< 0.17	NA	NA	NA	NA
2,4-Dinitrophenol	51285	NA	NA	< 0.83	NA	NA	NA	NA
2,4-Dinitrotoluene	121142	NA	NA	< 0.17	NA	NA	NA	NA
2,6-Dinitrotoluene	606202	NA	NA	< 0.17	NA	NA	NA	NA
2-Chloronaphthalene	91587	NA	NA	< 0.17	NA	NA	NA	NA
2-Chlorophenol	95578	NA	NA	< 0.17	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	NA	< 0.17	NA	NA	NA	NA
2-Methylphenol	95487	NA	NA	< 0.17	NA	NA	NA	NA
2-Nitroaniline	88744	NA	NA	< 0.17	NA	NA	NA	NA
2-Nitrophenol	88755	NA	NA	< 0.17	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91941	NA	NA	< 0.17	NA	NA	NA	NA
3-Nitroaniline	99092	NA	NA	< 0.17	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534521	NA	NA	< 0.33	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101553	NA	NA	< 0.17	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59507	NA	NA	< 0.17	NA	NA	NA	NA
4-Chloroaniline	106478	NA	NA	< 0.17	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	NA	< 0.17	NA	NA	NA	NA
4-Nitroaniline	100016	NA	NA	< 0.17	NA	NA	NA	NA
4-Nitrophenol	100027	NA	NA	< 0.83	NA	NA	NA	NA
Acenaphthene	83329	NA	NA	< 0.17	NA	NA	NA	NA
Acenaphthylene	208968	NA	NA	< 0.17	NA	NA	NA	NA
Aniline	62533	NA	NA	< 0.17	NA	NA	NA	NA
Anthracene	120127	NA	NA	< 0.17	NA	NA	NA	NA
Benzidine	92875	NA	NA	< 1.7	NA	NA	NA	NA
Benzo(A)Anthracene	56553	NA	NA	< 0.17	NA	NA	NA	NA
Benzo(A)Pyrene	50328	NA	NA	< 0.17	NA	NA	NA	NA
Benzo(B)Fluoranthene	205992	NA	NA	< 0.17	NA	NA	NA	NA
Benzo(G,H,I)Perylene	191242	NA	NA	< 0.17	NA	NA	NA	NA
Benzo(K)Fluoranthene	207089	NA	NA	< 0.17	NA	NA	NA	NA
Benzoic Acid	65850	NA	NA	< 0.83	NA	NA	NA	NA
Benzyl Alcohol	100516	NA	NA	< 0.17	NA	NA	NA	NA
Bis(2-Chloroethoxy)Methane	111911	NA	NA	< 0.17	NA	NA	NA	NA
Bis(2-Chloroethyl)Ether	111444	NA	NA	< 0.17	NA	NA	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	NA	< 0.17	NA	NA	NA	NA

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Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-31-15	DC-31-20	DC-3-2	DC-32-10	DC-32-15	DC-32-20	DC-33-10
Sample Depth		15	20	2	10	15	20	10
Date Collected		12/19/2013	12/19/2013	10/16/2013	12/19/2013	12/19/2013	12/19/2013	1/8/2014
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Subsurface	Subsurface	Surface	Subsurface	Subsurface	Subsurface	Subsurface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	NA	< 0.33	NA	NA	NA	NA
Butyl Benzyl Phthalate	85687	NA	NA	< 0.17	NA	NA	NA	NA
Carbazole	86748	NA	NA	< 0.17	NA	NA	NA	NA
Chrysene	218019	NA	NA	< 0.17	NA	NA	NA	NA
Dibenz(A,H)Anthracene	53703	NA	NA	< 0.17	NA	NA	NA	NA
Dibenzofuran	132649	NA	NA	< 0.17	NA	NA	NA	NA
Diethyl Phthalate	84662	NA	NA	< 0.33	NA	NA	NA	NA
Dimethyl Phthalate	131113	NA	NA	< 0.17	NA	NA	NA	NA
Di-N-Butyl Phthalate	84742	NA	NA	< 0.33	NA	NA	NA	NA
Di-N-Octyl Phthalate	117840	NA	NA	< 0.17	NA	NA	NA	NA
Fluoranthene	206440	NA	NA	< 0.17	NA	NA	NA	NA
Fluorene	86737	NA	NA	< 0.17	NA	NA	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	NA	< 0.17	NA	NA	NA	NA
Hexachlorobenzene	118741	NA	NA	< 0.17	NA	NA	NA	NA
Hexachlorobutadiene	87683	NA	NA	< 0.17	NA	NA	NA	NA
Hexachloroethane	67721	NA	NA	< 0.17	NA	NA	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	NA	< 0.17	NA	NA	NA	NA
Isophorone	78591	NA	NA	< 0.17	NA	NA	NA	NA
M-,P-Cresol Mixture	15831104	NA	NA	< 0.17	NA	NA	NA	NA
Naphthalene	91203	NA	NA	< 0.17	NA	NA	NA	NA
Nitrobenzene	98953	NA	NA	< 0.17	NA	NA	NA	NA
N-Nitrosodimethylamine	62759	NA	NA	< 0.33	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	621647	NA	NA	< 0.17	NA	NA	NA	NA
N-Nitrosodiphenylamine	86306	NA	NA	< 0.17	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	< 0.83	NA	NA	NA	NA
Phenanthrene	85018	NA	NA	< 0.17	NA	NA	NA	NA
Phenol	108952	NA	NA	< 0.17	NA	NA	NA	NA
Pyrene	129000	NA	NA	< 0.17	NA	NA	NA	NA
Pyridine	110861	NA	NA	< 0.33	NA	NA	NA	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	< 0.017	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	< 0.017	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	< 0.017	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	< 0.017	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	< 0.017	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	< 0.017	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	< 0.017	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	NA	< 8.3	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-31-15 15 12/19/2013 Investigation Central DC Subsurface	DC-31-20 20 12/19/2013 Investigation Central DC Subsurface	DC-3-2 2 10/16/2013 Investigation Central DC Surface	DC-32-10 10 12/19/2013 Investigation Central DC Subsurface	DC-32-15 15 12/19/2013 Investigation Central DC Subsurface	DC-32-20 20 12/19/2013 Investigation Central DC Subsurface	DC-33-10 10 1/8/2014 Investigation Central DC Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	< 0.16	NA	NA	NA	NA
2,4-D	94757	NA	NA	< 1.6	NA	NA	NA	NA
2,4-Db	94826	NA	NA	< 1.6	NA	NA	NA	NA
4,4'-DDD	72548	NA	NA	< 0.0033	NA	NA	NA	NA
4,4'-DDE	72559	NA	NA	< 0.0033	NA	NA	NA	NA
4,4'-DDT	50293	NA	NA	< 0.0033	NA	NA	NA	NA
Aldrin	309002	NA	NA	< 0.0017	NA	NA	NA	NA
Alpha-BHC	319846	NA	NA	< 0.0017	NA	NA	NA	NA
Beta-BHC	319857	NA	NA	< 0.0017	NA	NA	NA	NA
Delta-BHC	319868	NA	NA	< 0.0017	NA	NA	NA	NA
Alpha-Chlordane	5103719	NA	NA	< 0.0017	NA	NA	NA	NA
Dalapon	75990	NA	NA	< 8.2	NA	NA	NA	NA
Dicamba	1918009	NA	NA	< 0.16	NA	NA	NA	NA
Dichoroprop	120365	NA	NA	< 1.6	NA	NA	NA	NA
Dieldrin	60571	NA	NA	< 0.0017	NA	NA	NA	NA
Dinoseb	88857	NA	NA	< 4.1	NA	NA	NA	NA
Endosulfan I	959988	NA	NA	< 0.0017	NA	NA	NA	NA
Endosulfan II	33213659	NA	NA	< 0.0017	NA	NA	NA	NA
Endosulfan sulfate	1031078	NA	NA	< 0.0033	NA	NA	NA	NA
Endrin	72208	NA	NA	< 0.0033	NA	NA	NA	NA
Endrin aldehyde	7421934	NA	NA	< 0.0033	NA	NA	NA	NA
Endrin ketone	53494705	NA	NA	< 0.0033	NA	NA	NA	NA
Gamma-BHC	58899	NA	NA	< 0.0017	NA	NA	NA	NA
Gamma-Chlordane	5103742	NA	NA	< 0.0017	NA	NA	NA	NA
Heptachlor	76448	NA	NA	< 0.0017	NA	NA	NA	NA
Heptachlor epoxide	1024573	NA	NA	< 0.0017	NA	NA	NA	NA
Mcpa	94746	NA	NA	< 160	NA	NA	NA	NA
Mcpp	93652	NA	NA	< 160	NA	NA	NA	NA
Methoxychlor	72435	NA	NA	< 0.0033	NA	NA	NA	NA
Pentachlorophenol	87865	NA	NA	< 0.16	NA	NA	NA	NA
Silvex (2,4,5-TP)	93721	NA	NA	< 0.16	NA	NA	NA	NA
Toxaphene	8001352	NA	NA	< 0.083	NA	NA	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	15400	NA	NA	NA	NA
Antimony	7440360	NA	NA	< 4.7	NA	NA	NA	NA
Arsenic	7440382	NA	NA	5.6	NA	NA	NA	NA
Barium	7440393	NA	NA	159	NA	NA	NA	NA
Beryllium	7440417	NA	NA	< 1.2	NA	NA	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	NA	< 0.93	NA	NA	NA	NA
Calcium	7440702	NA	NA	2580	NA	NA	NA	NA
Chromium	7440473	NA	NA	14	NA	NA	NA	NA
Cobalt	7440484	NA	NA	< 12	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-31-15 15 12/19/2013 Investigation Central DC Subsurface	DC-31-20 20 12/19/2013 Investigation Central DC Subsurface	DC-3-2 2 10/16/2013 Investigation Central DC Surface	DC-32-10 10 12/19/2013 Investigation Central DC Subsurface	DC-32-15 15 12/19/2013 Investigation Central DC Subsurface	DC-32-20 20 12/19/2013 Investigation Central DC Subsurface	DC-33-10 10 1/8/2014 Investigation Central DC Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	12.8	NA	NA	NA	NA
Iron	7439896	NA	NA	15900	NA	NA	NA	NA
Lead	7439921	NA	NA	12.4	NA	NA	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	NA	212	NA	NA	NA	NA
Magnesium	7439954	NA	NA	3480	NA	NA	NA	NA
Mercury	7439976	NA	NA	< 0.04	NA	NA	NA	NA
Molybdenum	7439987	NA	NA	< 12	NA	NA	NA	NA
Nickel	7440020	NA	NA	12.5	NA	NA	NA	NA
Potassium	7440097	NA	NA	2400	NA	NA	NA	NA
Selenium	7782492	NA	NA	< 4.7	NA	NA	NA	NA
Silver	7440224	NA	NA	< 2.3	NA	NA	NA	NA
Sodium	7440235	NA	NA	< 2300	NA	NA	NA	NA
Strontium (Total)	7440246	NA	NA	41.700001	NA	NA	NA	NA
Thallium	7440280	NA	NA	< 2.3	NA	NA	NA	NA
Tin	7440315	NA	NA	< 12	NA	NA	NA	NA
Titanium	7440326	NA	NA	86.599998	NA	NA	NA	NA
Vanadium	7440622	NA	NA	24.5	NA	NA	NA	NA
Zinc	7440666	NA	NA	34.400002	NA	NA	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-33-15 15 1/8/2014 Investigation Central DC Subsurface	DC-33-20 20 1/8/2014 Investigation Central DC Subsurface	DC-33-5 5 1/8/2014 Investigation Central DC Subsurface	DC-4-0.5 0.5 10/10/2013 Investigation Central DC Surface	DC-4-2 2 10/10/2013 Investigation Central DC Surface	DC-4-5 5 10/10/2013 Investigation Central DC Subsurface	DC-5-0.5 0.5 10/16/2013 Investigation Central DC Surface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,1,1-Trichloroethane	71556	NA	NA	NA	< 0.0035	< 0.0048	0.0259 J	1.69
1,1,2,2-Tetrachloroethane	79345	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,1,2-Trichloroethane	79005	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,1-Dichloroethane	75343	NA	NA	NA	0.0041	0.0035 J	0.0027 J	0.0248
1,1-Dichloroethene	75354	NA	NA	NA	0.0031 J	0.0017 J	0.003 J	0.0226
1,1-Dichloropropene	563586	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,2,3-Trichlorobenzene	87616	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,2,3-Trichloropropane	96184	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,2,4-Trichlorobenzene	120821	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,2,4-Trimethylbenzene	95636	NA	NA	NA	0.132	0.0718	< 0.0035 J	< 0.003
1,2-Dibromoethane	106934	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,2-Dichlorobenzene	95501	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,2-Dichloroethane	107062	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,3,5-Trimethylbenzene	108678	NA	NA	NA	0.012	< 0.0048	< 0.0035 J	< 0.003
1,3-Dichlorobenzene	541731	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,3-Dichloropropane	142289	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,4-Dichlorobenzene	106467	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
1,4-Dioxane	123911	NA	NA	NA	< 0.14	< 0.19	< 0.14 J	< 0.12
2,2-Dichloropropane	594207	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
2-Butanone	78933	NA	NA	NA	0.0073 J	< 0.024	< 0.018 J	< 0.015
2-Chloroethyl Vinyl Ether	110758	NA	NA	NA	< 0.018	< 0.024	< 0.018 J	< 0.015
2-Chlorotoluene	95498	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
2-Hexanone (methyl butyl ketone)	591786	NA	NA	NA	< 0.018	< 0.024	< 0.018 J	< 0.015
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
4-Isopropyltoluene	99876	NA	NA	NA	0.0032 J	0.0024 J	< 0.0035 J	< 0.003
4-Methyl-2-Pentanone	108101	NA	NA	NA	< 0.018	< 0.024	< 0.018 J	< 0.015
Acetone	67641	NA	NA	NA	0.0553	0.0562	< 0.035 J	< 0.03
Acrolein	107028	NA	NA	NA	< 0.018	< 0.024	< 0.018 J	< 0.015
Acrylonitrile	107131	NA	NA	NA	< 0.018	< 0.024	< 0.018 J	< 0.015
Benzene	71432	NA	NA	NA	0.0018 J	< 0.0048	< 0.0035 J	< 0.003
Bromobenzene	108861	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Bromochloromethane	74975	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Bromodichloromethane	75274	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Bromoform	75252	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Bromomethane	74839	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Carbon Disulfide	75150	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Carbon Tetrachloride	56235	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Chlorobenzene	108907	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Dibromochloromethane	124481	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-33-15	DC-33-20	DC-33-5	DC-4-0.5	DC-4-2	DC-4-5	DC-5-0.5
Sample Depth		15	20	5	0.5	2	5	0.5
Date Collected		1/8/2014	1/8/2014	1/8/2014	10/10/2013	10/10/2013	10/10/2013	10/16/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC	DC
Surface/subsurface		Subsurface	Subsurface	Subsurface	Surface	Surface	Subsurface	Surface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	NA	NA	NA	0.0029 J	0.0026 J	< 0.0035 J	< 0.003
Chloroform	67663	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	0.00074 J
Chloromethane	74873	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Cis-1,2-Dichloroethene	156592	NA	NA	NA	0.0521	0.031	0.0163 J	6.16
Cis-1,3-Dichloropropene	10061015	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Dibromomethane	74953	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Dichlorodifluoromethane	75718	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Ethylbenzene	100414	NA	NA	NA	0.0078	0.0026 J	< 0.0035 J	< 0.003
Hexachlorobutadiene	87683	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Isopropylbenzene	98828	NA	NA	NA	0.005	0.0025 J	< 0.0035 J	< 0.003
M,P-Xylenes	179601231	NA	NA	NA	0.0153	< 0.0097	< 0.007 J	< 0.0061
Methyl Tert-Butyl Ether	1634044	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Methylene Chloride	75092	NA	NA	NA	< 0.0071	< 0.0097	< 0.007 J	< 0.0061
Naphthalene	91203	NA	NA	NA	0.0037	< 0.0048	< 0.0035 J	< 0.003
N-Butylbenzene	104518	NA	NA	NA	0.0062	0.0047 J	< 0.0035 J	< 0.003
N-Propylbenzene	103651	NA	NA	NA	0.0102	0.0053	< 0.0035 J	< 0.003
O-Xylene	95476	NA	NA	NA	0.0015 J	< 0.0048	< 0.0035 J	< 0.003
Sec-Butylbenzene	135988	NA	NA	NA	0.0089	0.0061	< 0.0035 J	< 0.003
Styrene	100425	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Tert-Butylbenzene	98066	NA	NA	NA	0.0023 J	< 0.0048	< 0.0035 J	< 0.003
Tetrachloroethene	127184	NA	NA	NA	< 0.0035	< 0.0048	0.067 J	37.5
Toluene	108883	NA	NA	NA	0.00072 J	< 0.0048	< 0.0035 J	< 0.003
Total Xylenes	1330207	NA	NA	NA	0.0168	< 0.0097	< 0.007	< 0.0061
Trans-1,2-Dichloroethene	156605	NA	NA	NA	0.0011 J	< 0.0048	< 0.0035 J	0.0085
Trans-1,3-Dichloropropene	10061026	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Trichloroethene	79016	NA	NA	NA	< 0.0035	< 0.0048	0.0093 J	7.97
Trichlorofluoromethane	75694	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Vinyl Acetate	108054	NA	NA	NA	< 0.018	< 0.024	< 0.018 J	< 0.015
Vinyl Chloride	75014	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
Dibromochloropropane (DBCP)	67708832	NA	NA	NA	< 0.0035	< 0.0048	< 0.0035 J	< 0.003
VOCs - Method 3810 Mod								
Benzene	71432	< 0.0084 J	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	< 0.0084 J	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA
Ethylbenzene	100414	< 0.0084 J	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA
Tetrachloroethene	127184	< 0.0084 J	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA
Toluene	108883	< 0.0084 J	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA
Trichloroethene	79016	< 0.0084 J	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA
Total Xylenes	1330207	< 0.0084 J	< 0.0084 J	< 0.0084 J	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-33-15 15 1/8/2014 Investigation Central DC Subsurface	DC-33-20 20 1/8/2014 Investigation Central DC Subsurface	DC-33-5 5 1/8/2014 Investigation Central DC Subsurface	DC-4-0.5 0.5 10/10/2013 Investigation Central DC Surface	DC-4-2 2 10/10/2013 Investigation Central DC Surface	DC-4-5 5 10/10/2013 Investigation Central DC Subsurface	DC-5-0.5 0.5 10/16/2013 Investigation Central DC Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
1,2-Dichlorobenzene	95501	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
1,2-Diphenylhydrazine	122667	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
1,3-Dichlorobenzene	541731	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
1,4-Dichlorobenzene	106467	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
1-Methylnaphthalene	90120	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2,4,5-Trichlorophenol	95954	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2,4,6-Trichlorophenol	88062	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2,4-Dichlorophenol	120832	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2,4-Dimethylphenol	105679	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2,4-Dinitrophenol	51285	NA	NA	NA	< 1.1	< 1.1	NA	< 1.1
2,4-Dinitrotoluene	121142	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2,6-Dinitrotoluene	606202	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2-Chloronaphthalene	91587	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2-Chlorophenol	95578	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2-Methylnaphthalene	91576	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2-Methylphenol	95487	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2-Nitroaniline	88744	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
2-Nitrophenol	88755	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
3,3'-Dichlorobenzidine	91941	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
3-Nitroaniline	99092	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
4,6-Dinitro-2-Methylphenol	534521	NA	NA	NA	< 0.43	< 0.43	NA	< 0.42
4-Bromophenyl Phenyl Ether	101553	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
4-Chloro-3-Methylphenol	59507	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
4-Chloroaniline	106478	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
4-Chlorophenyl Phenyl Ether	7005723	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
4-Nitroaniline	100016	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
4-Nitrophenol	100027	NA	NA	NA	< 1.1	< 1.1	NA	< 1.1
Acenaphthene	83329	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Acenaphthylene	208968	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Aniline	62533	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Anthracene	120127	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Benzidine	92875	NA	NA	NA	< 2.1	< 2.1	NA	< 2.1
Benzo(A)Anthracene	56553	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Benzo(A)Pyrene	50328	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Benzo(B)Fluoranthene	205992	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Benzo(G,H,I)Perylene	191242	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Benzo(K)Fluoranthene	207089	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Benzoic Acid	65850	NA	NA	NA	< 1.1	< 1.1	NA	< 1.1
Benzyl Alcohol	100516	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Bis(2-Chloroethoxy)Methane	111911	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Bis(2-Chloroethyl)Ether	111444	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Bis(2-Chloroisopropyl)Ether	108601	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-33-15	DC-33-20	DC-33-5	DC-4-0.5	DC-4-2	DC-4-5	DC-5-0.5
	Sample Depth	15	20	5	0.5	2	5	0.5
	Date Collected	1/8/2014	1/8/2014	1/8/2014	10/10/2013	10/10/2013	10/10/2013	10/16/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Central	Central	Central	Central	Central	Central	Central
	Area/SWMU	DC	DC	DC	DC	DC	DC	DC
	Surface/subsurface	Subsurface	Subsurface	Subsurface	Surface	Surface	Subsurface	Surface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	NA	NA	< 0.43	< 0.43	NA	< 0.42
Butyl Benzyl Phthalate	85687	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Carbazole	86748	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Chrysene	218019	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Dibenz(A,H)Anthracene	53703	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Dibenzofuran	132649	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Diethyl Phthalate	84662	NA	NA	NA	< 0.43	< 0.43	NA	< 0.42
Dimethyl Phthalate	131113	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Di-N-Butyl Phthalate	84742	NA	NA	NA	< 0.43	< 0.43	NA	< 0.42
Di-N-Octyl Phthalate	117840	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Fluoranthene	206440	NA	NA	NA	0.0248 J	< 0.21	NA	0.0279 J
Fluorene	86737	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Hexachloro-1,3-Cyclopentadiene	77474	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Hexachlorobenzene	118741	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Hexachlorobutadiene	87683	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Hexachloroethane	67721	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Indeno(1,2,3-Cd)Pyrene	193395	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Isophorone	78591	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
M-,P-Cresol Mixture	15831104	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Naphthalene	91203	NA	NA	NA	0.0867 J	< 0.21	NA	< 0.21
Nitrobenzene	98953	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
N-Nitrosodimethylamine	62759	NA	NA	NA	< 0.43	< 0.43	NA	< 0.42
N-Nitrosodi-N-Propylamine	621647	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
N-Nitrosodiphenylamine	86306	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Pentachlorophenol	87865	NA	NA	NA	< 1.1	< 1.1	NA	< 1.1
Phenanthrene	85018	NA	NA	NA	0.0318 J	< 0.21	NA	0.0228 J
Phenol	108952	NA	NA	NA	< 0.21	< 0.21	NA	< 0.21
Pyrene	129000	NA	NA	NA	0.0218 J	< 0.21	NA	0.0338 J
Pyridine	110861	NA	NA	NA	< 0.43	< 0.43	NA	< 0.42
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	NA	NA	< 0.021
Pcb- 1221	11104282	NA	NA	NA	NA	NA	NA	< 0.021
Pcb- 1232	11141165	NA	NA	NA	NA	NA	NA	< 0.021
Pcb- 1242	53469219	NA	NA	NA	NA	NA	NA	< 0.021
Pcb- 1248	12672296	NA	NA	NA	NA	NA	NA	< 0.021
Pcb- 1254	11097691	NA	NA	NA	NA	NA	NA	< 0.021
Pcb- 1260	11096825	NA	NA	NA	NA	NA	NA	< 0.021
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	NA	NA	NA	NA	NA	< 10

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-33-15 15 1/8/2014 Investigation Central DC Subsurface	DC-33-20 20 1/8/2014 Investigation Central DC Subsurface	DC-33-5 5 1/8/2014 Investigation Central DC Subsurface	DC-4-0.5 0.5 10/10/2013 Investigation Central DC Surface	DC-4-2 2 10/10/2013 Investigation Central DC Surface	DC-4-5 5 10/10/2013 Investigation Central DC Subsurface	DC-5-0.5 0.5 10/16/2013 Investigation Central DC Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	NA	< 0.043	< 0.042	NA	< 0.042
2,4-D	94757	NA	NA	NA	< 0.43	< 0.42	NA	< 0.42
2,4-Db	94826	NA	NA	NA	< 0.43	< 0.42	NA	< 0.42
4,4'-DDD	72548	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
4,4'-DDE	72559	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
4,4'-DDT	50293	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
Aldrin	309002	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Alpha-BHC	319846	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Beta-BHC	319857	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Delta-BHC	319868	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.021 R
Alpha-Chlordane	5103719	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Dalapon	75990	NA	NA	NA	< 2.1	< 2.1	NA	< 2.1
Dicamba	1918009	NA	NA	NA	< 0.043	< 0.042	NA	< 0.042
Dichoroprop	120365	NA	NA	NA	< 0.43	< 0.42	NA	< 0.42
Dieldrin	60571	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Dinoseb	88857	NA	NA	NA	< 1.1	< 1	NA	< 1.1
Endosulfan I	959988	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Endosulfan II	33213659	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Endosulfan sulfate	1031078	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
Endrin	72208	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
Endrin aldehyde	7421934	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
Endrin ketone	53494705	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
Gamma-BHC	58899	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Gamma-Chlordane	5103742	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Heptachlor	76448	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Heptachlor epoxide	1024573	NA	NA	NA	< 0.0021	< 0.0021	NA	< 0.0021
Mcpa	94746	NA	NA	NA	< 43	< 42	NA	< 42
Mcpp	93652	NA	NA	NA	< 43	< 42	NA	< 42
Methoxychlor	72435	NA	NA	NA	< 0.0043	< 0.0043	NA	< 0.0042
Pentachlorophenol	87865	NA	NA	NA	< 0.043	< 0.042	NA	< 0.042
Silvex (2,4,5-TP)	93721	NA	NA	NA	< 0.043	< 0.042	NA	< 0.042
Toxaphene	8001352	NA	NA	NA	< 0.11	< 0.11	NA	< 0.11
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	NA	17000	20000	NA	15800
Antimony	7440360	NA	NA	NA	< 4.5	< 4.4	NA	< 5.3
Arsenic	7440382	NA	NA	NA	7.5	5	NA	8
Barium	7440393	NA	NA	NA	197	213	NA	182
Beryllium	7440417	NA	NA	NA	< 1.1	< 1.1	NA	< 1.3
Boron	7440428	NA	NA	NA	10.7	< 9.9	NA	NA
Cadmium	7440439	NA	NA	NA	< 0.89	< 0.89	NA	< 1.1
Calcium	7440702	NA	NA	NA	3670	3230	NA	3420
Chromium	7440473	NA	NA	NA	18	18.200001	NA	17.6
Cobalt	7440484	NA	NA	NA	< 11	< 11	NA	< 13

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-33-15 / 15 / 1/8/2014 / Investigation / Central / DC / Subsurface	DC-33-20 / 20 / 1/8/2014 / Investigation / Central / DC / Subsurface	DC-33-5 / 5 / 1/8/2014 / Investigation / Central / DC / Subsurface	DC-4-0.5 / 0.5 / 10/10/2013 / Investigation / Central / DC / Surface	DC-4-2 / 2 / 10/10/2013 / Investigation / Central / DC / Surface	DC-4-5 / 5 / 10/10/2013 / Investigation / Central / DC / Subsurface	DC-5-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	NA	19	15.2	NA	21.299999
Iron	7439896	NA	NA	NA	17500	18100	NA	17300
Lead	7439921	NA	NA	NA	38.700001	14	NA	44.400002
Lithium	7439932	NA	NA	NA	< 500	< 500	NA	NA
Manganese	7439965	NA	NA	NA	246	295	NA	395
Magnesium	7439954	NA	NA	NA	3900	4190	NA	4020
Mercury	7439976	NA	NA	NA	< 0.047	< 0.05	NA	< 0.048
Molybdenum	7439987	NA	NA	NA	< 11	< 11	NA	< 13
Nickel	7440020	NA	NA	NA	23.200001	17.5	NA	23.4
Potassium	7440097	NA	NA	NA	3630	3250	NA	3290
Selenium	7782492	NA	NA	NA	< 4.5	< 4.4	NA	< 5.3
Silver	7440224	NA	NA	NA	< 2.2	< 2.2	NA	< 2.6
Sodium	7440235	NA	NA	NA	< 2200	< 2200	NA	< 2600
Strontium (Total)	7440246	NA	NA	NA	70.199997	56.099998	NA	57
Thallium	7440280	NA	NA	NA	< 2.2	< 2.2	NA	< 2.6
Tin	7440315	NA	NA	NA	< 11	< 11	NA	< 13
Titanium	7440326	NA	NA	NA	150	73.099998	NA	116
Vanadium	7440622	NA	NA	NA	31.1	29.700001	NA	29.700001
Zinc	7440666	NA	NA	NA	110	44.599998	NA	125
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-5-2 2 10/16/2013 Investigation Central DC Surface	DC-5-5 5 10/16/2013 Investigation Central DC Subsurface	DC-6-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-6-2 2 10/16/2013 Investigation Central DC Surface	DC-6-5 5 10/16/2013 Investigation Central DC Subsurface	DC-7-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-7-2 2 10/16/2013 Investigation Central DC Surface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,1,1-Trichloroethane	71556	0.343	0.0391 J	2.22	0.271	NA	0.04	0.0244
1,1,2,2-Tetrachloroethane	79345	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,1,2-Trichloroethane	79005	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,1-Dichloroethane	75343	0.0205	0.0092 J	0.0513	0.0415	NA	0.0034	0.0023
1,1-Dichloroethene	75354	0.0114	0.0031 J	0.0354	0.0208	NA	0.0055	0.0021
1,1-Dichloropropene	563586	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2,3-Trichlorobenzene	87616	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2,3-Trichloropropane	96184	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2,4-Trichlorobenzene	120821	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2,4-Trimethylbenzene	95636	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2-Dibromoethane	106934	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2-Dichlorobenzene	95501	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2-Dichloroethane	107062	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,3,5-Trimethylbenzene	108678	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,3-Dichlorobenzene	541731	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,3-Dichloropropane	142289	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,4-Dichlorobenzene	106467	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
1,4-Dioxane	123911	< 0.14	0.0779 J	13	7.73	NA	< 0.12	< 0.073
2,2-Dichloropropane	594207	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
2-Butanone	78933	< 0.018	< 0.016 J	< 0.019	< 0.015	NA	< 0.015	< 0.0091
2-Chloroethyl Vinyl Ether	110758	< 0.018 R	< 0.016 J	< 0.019	< 0.015	NA	< 0.015	< 0.0091
2-Chlorotoluene	95498	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
2-Hexanone (methyl butyl ketone)	591786	< 0.018	< 0.016 J	< 0.019	< 0.015	NA	< 0.015	< 0.0091
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
4-Isopropyltoluene	99876	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
4-Methyl-2-Pentanone	108101	< 0.018	< 0.016 J	< 0.019	< 0.015	NA	< 0.015	< 0.0091
Acetone	67641	< 0.036	< 0.033 J	0.0173 J	< 0.03	NA	< 0.03	< 0.018
Acrolein	107028	< 0.018	< 0.016 J	< 0.019	< 0.015	NA	< 0.015	< 0.0091
Acrylonitrile	107131	< 0.018	< 0.016 J	< 0.019	< 0.015	NA	< 0.015	< 0.0091
Benzene	71432	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Bromobenzene	108861	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Bromochloromethane	74975	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Bromodichloromethane	75274	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Bromoform	75252	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Bromomethane	74839	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Carbon Disulfide	75150	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Carbon Tetrachloride	56235	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Chlorobenzene	108907	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Dibromochloromethane	124481	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-5-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-5-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-6-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-6-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-6-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-7-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-7-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Chloroform	67663	< 0.0036	< 0.0033 J	0.0013 J	0.00087 J	NA	< 0.003	< 0.0018
Chloromethane	74873	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Cis-1,2-Dichloroethene	156592	1.21	0.963 J	9.1	1.47	NA	0.0756	0.0355
Cis-1,3-Dichloropropene	10061015	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Dibromomethane	74953	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Dichlorodifluoromethane	75718	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Ethylbenzene	100414	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Hexachlorobutadiene	87683	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Isopropylbenzene	98828	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
M,P-Xylenes	179601231	< 0.0072	< 0.0066 J	< 0.0075	< 0.006	NA	< 0.006	< 0.0036
Methyl Tert-Butyl Ether	1634044	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Methylene Chloride	75092	< 0.0072	< 0.0066 J	< 0.0075	< 0.006	NA	< 0.006	< 0.0036
Naphthalene	91203	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
N-Butylbenzene	104518	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
N-Propylbenzene	103651	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
O-Xylene	95476	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Sec-Butylbenzene	135988	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Styrene	100425	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Tert-Butylbenzene	98066	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Tetrachloroethene	127184	4.3	1.4 J	44.1	3.61	NA	9.72	0.187
Toluene	108883	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Total Xylenes	1330207	< 0.0072	< 0.0066	< 0.0075	< 0.006	NA	< 0.006	< 0.0036
Trans-1,2-Dichloroethene	156605	0.0056	< 0.0033 J	0.0191	0.0069	NA	0.0015 J	< 0.0018
Trans-1,3-Dichloropropene	10061026	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Trichloroethene	79016	0.995	0.0485 J	8.47	0.59	NA	1.86	0.0336
Trichlorofluoromethane	75694	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Vinyl Acetate	108054	< 0.018	< 0.016 J	< 0.019	< 0.015	NA	< 0.015	< 0.0091
Vinyl Chloride	75014	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
Dibromochloropropane (DBCP)	67708832	< 0.0036	< 0.0033 J	< 0.0037	< 0.003	NA	< 0.003	< 0.0018
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-5-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-5-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-6-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-6-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-6-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-7-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-7-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
1,2-Dichlorobenzene	95501	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
1,2-Diphenylhydrazine	122667	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
1,3-Dichlorobenzene	541731	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
1,4-Dichlorobenzene	106467	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
1-Methylnaphthalene	90120	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2,4,5-Trichlorophenol	95954	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2,4,6-Trichlorophenol	88062	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2,4-Dichlorophenol	120832	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2,4-Dimethylphenol	105679	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2,4-Dinitrophenol	51285	< 1	NA	< 1.1	< 1	< 0.99	< 1.1	< 0.84
2,4-Dinitrotoluene	121142	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2,6-Dinitrotoluene	606202	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2-Chloronaphthalene	91587	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2-Chlorophenol	95578	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2-Methylnaphthalene	91576	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2-Methylphenol	95487	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2-Nitroaniline	88744	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
2-Nitrophenol	88755	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
3,3'-Dichlorobenzidine	91941	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
3-Nitroaniline	99092	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
4,6-Dinitro-2-Methylphenol	534521	< 0.4	NA	< 0.42	< 0.41	< 0.4	< 0.42	< 0.34
4-Bromophenyl Phenyl Ether	101553	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
4-Chloro-3-Methylphenol	59507	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
4-Chloroaniline	106478	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
4-Chlorophenyl Phenyl Ether	7005723	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
4-Nitroaniline	100016	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
4-Nitrophenol	100027	< 1	NA	< 1.1	< 1	< 0.99	< 1.1	< 0.84
Acenaphthene	83329	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Acenaphthylene	208968	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Aniline	62533	< 0.2	NA	< 0.21	2.16	< 0.2	< 0.21	< 0.17
Anthracene	120127	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Benzidine	92875	< 2	NA	< 2.1	< 2	< 2	< 2.1	< 1.7
Benzo(A)Anthracene	56553	< 0.2	NA	< 0.21	< 0.2	< 0.2	0.0248 J	< 0.17
Benzo(A)Pyrene	50328	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Benzo(B)Fluoranthene	205992	< 0.2	NA	< 0.21	< 0.2	< 0.2	0.0311 J	< 0.17
Benzo(G,H,I)Perylene	191242	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Benzo(K)Fluoranthene	207089	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Benzoic Acid	65850	< 1	NA	< 1.1	< 1	< 0.99	< 1.1	< 0.84
Benzyl Alcohol	100516	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Bis(2-Chloroethoxy)Methane	111911	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Bis(2-Chloroethyl)Ether	111444	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Bis(2-Chloroisopropyl)Ether	108601	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-5-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-5-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-6-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-6-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface	DC-6-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-7-0.5 / 0.5 / 10/16/2013 / Investigation / Central / DC / Surface	DC-7-2 / 2 / 10/16/2013 / Investigation / Central / DC / Surface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.4	NA	0.129 J	< 0.41	< 0.4	< 0.42	< 0.34
Butyl Benzyl Phthalate	85687	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Carbazole	86748	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Chrysene	218019	< 0.2	NA	< 0.21	< 0.2	< 0.2	0.0323 J	< 0.17
Dibenz(A,H)Anthracene	53703	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Dibenzofuran	132649	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Diethyl Phthalate	84662	< 0.4	NA	< 0.42	< 0.41	< 0.4	< 0.42	< 0.34
Dimethyl Phthalate	131113	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Di-N-Butyl Phthalate	84742	< 0.4	NA	< 0.42	< 0.41	< 0.4	< 0.42	< 0.34
Di-N-Octyl Phthalate	117840	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Fluoranthene	206440	< 0.2	NA	< 0.21	< 0.2	< 0.2	0.0388 J	< 0.17
Fluorene	86737	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Hexachloro-1,3-Cyclopentadiene	77474	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Hexachlorobenzene	118741	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Hexachlorobutadiene	87683	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Hexachloroethane	67721	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Indeno(1,2,3-Cd)Pyrene	193395	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Isophorone	78591	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
M-,P-Cresol Mixture	15831104	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Naphthalene	91203	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Nitrobenzene	98953	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
N-Nitrosodimethylamine	62759	< 0.4	NA	< 0.42	< 0.41	< 0.4	< 0.42	< 0.34
N-Nitrosodi-N-Propylamine	621647	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
N-Nitrosodiphenylamine	86306	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Pentachlorophenol	87865	< 1	NA	< 1.1	< 1	< 0.99	< 1.1	< 0.84
Phenanthrene	85018	< 0.2	NA	0.0271 J	< 0.2	< 0.2	0.0345 J	< 0.17
Phenol	108952	< 0.2	NA	< 0.21	< 0.2	< 0.2	< 0.21	< 0.17
Pyrene	129000	< 0.2	NA	< 0.21	< 0.2	< 0.2	0.0346 J	< 0.17
Pyridine	110861	< 0.4	NA	< 0.42	< 0.41	< 0.4	< 0.42	< 0.34
PCBs (mg/kg)								
Pcb- 1016	12674112	< 0.02 J	NA	< 0.021	< 0.021	NA	< 0.021	< 0.017 J
Pcb- 1221	11104282	< 0.02 J	NA	< 0.021	< 0.021	NA	< 0.021	< 0.017 J
Pcb- 1232	11141165	< 0.02 J	NA	< 0.021	< 0.021	NA	< 0.021	< 0.017 J
Pcb- 1242	53469219	< 0.02 J	NA	< 0.021	< 0.021	NA	< 0.021	< 0.017 J
Pcb- 1248	12672296	< 0.02 J	NA	< 0.021	< 0.021	NA	< 0.021	< 0.017 J
Pcb- 1254	11097691	< 0.02 J	NA	< 0.021	< 0.021	NA	< 0.021	< 0.017 J
Pcb- 1260	11096825	< 0.02 J	NA	< 0.021	< 0.021	NA	< 0.021	< 0.017 J
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	< 10	NA	< 11	< 10	NA	< 10	< 8.3

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-5-2 2 10/16/2013 Investigation Central DC Surface	DC-5-5 5 10/16/2013 Investigation Central DC Subsurface	DC-6-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-6-2 2 10/16/2013 Investigation Central DC Surface	DC-6-5 5 10/16/2013 Investigation Central DC Subsurface	DC-7-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-7-2 2 10/16/2013 Investigation Central DC Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.041	NA	< 0.087	< 0.082	NA	< 0.042	< 0.032
2,4-D	94757	< 0.41	NA	< 0.87	< 0.82	NA	< 0.42	< 0.32
2,4-Db	94826	< 0.41	NA	< 0.87	< 0.82	NA	< 0.42	< 0.32
4,4'-DDD	72548	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
4,4'-DDE	72559	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
4,4'-DDT	50293	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
Aldrin	309002	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Alpha-BHC	319846	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Beta-BHC	319857	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Delta-BHC	319868	< 0.02 R	NA	< 0.0021	< 0.0021	NA	< 0.021 R	< 0.017 R
Alpha-Chlordane	5103719	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Dalapon	75990	< 2.1	NA	< 4.3	< 4.1	NA	< 2.1	< 1.6
Dicamba	1918009	< 0.041	NA	< 0.087	< 0.082	NA	< 0.042	< 0.032
Dichoroprop	120365	< 0.41	NA	< 0.87	< 0.82	NA	< 0.42	< 0.32
Dieldrin	60571	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Dinoseb	88857	< 1	NA	< 2.2	< 2.1	NA	< 1	< 0.81
Endosulfan I	959988	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Endosulfan II	33213659	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Endosulfan sulfate	1031078	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
Endrin	72208	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
Endrin aldehyde	7421934	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
Endrin ketone	53494705	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
Gamma-BHC	58899	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Gamma-Chlordane	5103742	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Heptachlor	76448	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Heptachlor epoxide	1024573	< 0.002	NA	< 0.0021	< 0.0021	NA	< 0.0021	< 0.0017
Mcpa	94746	< 41	NA	< 87	< 82	NA	< 42	< 32
Mcpp	93652	< 41	NA	< 87	< 82	NA	< 42	< 32
Methoxychlor	72435	< 0.0041	NA	< 0.0043	< 0.0041	NA	< 0.0041	< 0.0034
Pentachlorophenol	87865	< 0.041	NA	< 0.087	< 0.082	NA	< 0.042	< 0.032
Silvex (2,4,5-TP)	93721	< 0.041	NA	< 0.087	< 0.082	NA	< 0.042	< 0.032
Toxaphene	8001352	< 0.1	NA	< 0.11	< 0.1	NA	< 0.1	< 0.084
Total Metals (mg/kg)								
Aluminum	7429905	15400	NA	17400	21600	NA	17000	15200
Antimony	7440360	< 5.2	NA	< 5.8	< 5.5	NA	< 5.3	< 3.9
Arsenic	7440382	5.6	NA	9.4	5.1	NA	6.2	4.5
Barium	7440393	200	NA	174	222	NA	193	109
Beryllium	7440417	< 1.3	NA	< 1.5	< 1.4	NA	< 1.3	< 0.98
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	< 1	NA	< 1.2	< 1.1	NA	< 1.1	< 0.79
Calcium	7440702	2800	NA	3510	3700	NA	4030	2930
Chromium	7440473	14.6	NA	18.799999	19.799999	NA	18.5	14.6
Cobalt	7440484	< 13	NA	< 15	< 14	NA	< 13	< 9.8

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-5-2 2 10/16/2013 Investigation Central DC Surface	DC-5-5 5 10/16/2013 Investigation Central DC Subsurface	DC-6-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-6-2 2 10/16/2013 Investigation Central DC Surface	DC-6-5 5 10/16/2013 Investigation Central DC Subsurface	DC-7-0.5 0.5 10/16/2013 Investigation Central DC Surface	DC-7-2 2 10/16/2013 Investigation Central DC Surface
Total metals (mg/kg) (continued)								
Copper	7440508	10.3	NA	24.299999	14	NA	18.4	10.5
Iron	7439896	15600	NA	17900	19000	NA	16600	13600
Lead	7439921	14	NA	53.900002	16.200001	NA	34.400002	12.1
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	358	NA	159	346	NA	289	342
Magnesium	7439954	3540	NA	4480	4770	NA	4410	3410
Mercury	7439976	< 0.046	NA	< 0.048	< 0.048	NA	< 0.05	< 0.038
Molybdenum	7439987	< 13	NA	< 15	< 14	NA	< 13	< 9.8
Nickel	7440020	14.5	NA	22	17.6	NA	20.200001	13.7
Potassium	7440097	< 2600	NA	3620	3340	NA	3400	2380
Selenium	7782492	< 5.2	NA	< 5.8	< 5.5	NA	< 5.3	< 3.9
Silver	7440224	< 2.6	NA	< 2.9	< 2.8	NA	< 2.6	< 2
Sodium	7440235	< 2600	NA	< 2900	< 2800	NA	< 2600	< 2000
Strontium (Total)	7440246	48.599998	NA	56.5	58.700001	NA	55.799999	44
Thallium	7440280	< 2.6	NA	< 2.9	< 2.8	NA	< 2.6	< 2
Tin	7440315	< 13	NA	< 15	< 14	NA	< 13	< 9.8
Titanium	7440326	79.599998	NA	155	131	NA	137	80.199997
Vanadium	7440622	23.700001	NA	31.6	33	NA	26.200001	24.1
Zinc	7440666	36.200001	NA	141	46.700001	NA	102	34
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-7-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-8-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-8-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-8-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-9-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-9-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-9-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,1,1-Trichloroethane	71556	0.0312 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,1,2,2-Tetrachloroethane	79345	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,1,2-Trichloroethane	79005	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,1-Dichloroethane	75343	0.0024 J	< 0.0036	0.0011 J	< 0.0042	0.0449	< 0.0046	< 0.0038 J
1,1-Dichloroethene	75354	0.0033 J	< 0.0036	< 0.0039	< 0.0042	0.0021 J	< 0.0046	< 0.0038 J
1,1-Dichloropropene	563586	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,2,3-Trichlorobenzene	87616	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,2,3-Trichloropropane	96184	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,2,4-Trichlorobenzene	120821	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,2,4-Trimethylbenzene	95636	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	0.0041 J	< 0.0046	< 0.0038 J
1,2-Dibromoethane	106934	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,2-Dichlorobenzene	95501	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,2-Dichloroethane	107062	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,3,5-Trimethylbenzene	108678	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,3-Dichlorobenzene	541731	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,3-Dichloropropane	142289	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,4-Dichlorobenzene	106467	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
1,4-Dioxane	123911	< 0.16 J	< 0.14	< 0.15	< 0.17	< 0.18	< 0.18	< 0.15 J
2,2-Dichloropropane	594207	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
2-Butanone	78933	< 0.021 J	0.007 J	< 0.019	0.0097 J	0.0277	0.0258	0.006 J
2-Chloroethyl Vinyl Ether	110758	< 0.021 J	< 0.018	< 0.019	< 0.021	< 0.022	< 0.023	< 0.019 J
2-Chlorotoluene	95498	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
2-Hexanone (methyl butyl ketone)	591786	< 0.021 J	< 0.018	< 0.019	< 0.021	< 0.022	< 0.023	< 0.019 J
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
4-Isopropyltoluene	99876	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
4-Methyl-2-Pentanone	108101	< 0.021 J	< 0.018	< 0.019	< 0.021	< 0.022	< 0.023	< 0.019 J
Acetone	67641	< 0.041 J	0.035 J	0.0669	0.0656	0.17	0.119	0.0671 J
Acrolein	107028	< 0.021 J	< 0.018	< 0.019	< 0.021	< 0.022	< 0.023	< 0.019 J
Acrylonitrile	107131	< 0.021 J	< 0.018	< 0.019	< 0.021	< 0.022	< 0.023	< 0.019 J
Benzene	71432	< 0.0041 J	< 0.0036	0.0021 J	< 0.0042	0.0046	< 0.0046	< 0.0038 J
Bromobenzene	108861	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
Bromochloromethane	74975	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
Bromodichloromethane	75274	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
Bromoform	75252	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
Bromomethane	74839	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
Carbon Disulfide	75150	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	0.0033 J	0.0025 J
Carbon Tetrachloride	56235	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
Chlorobenzene	108907	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J
Dibromochloromethane	124481	< 0.0041 J	< 0.0036	< 0.0039	< 0.0042	< 0.0045	< 0.0046	< 0.0038 J

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-7-5			DC-8-0.5			DC-8-2			DC-8-5			DC-9-0.5			DC-9-2			DC-9-5		
Sample Depth		5			0.5			2			5			0.5			2			5		
Date Collected		10/16/2013			10/9/2013			10/9/2013			10/9/2013			10/9/2013			10/9/2013			10/9/2013		
Sample Type		Investigation			Investigation			Investigation			Investigation			Investigation			Investigation			Investigation		
RA Area		Central			Central			Central			Central			Central			Central			Central		
Area/SWMU		DC			DC			DC			DC			DC			DC			DC		
Surface/subsurface		Subsurface			Surface			Surface			Subsurface			Surface			Surface			Subsurface		
Constituent	CAS No.																					
Volatile Organics (mg/kg) (continued)																						
Chloroethane	75003	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042			0.0322			0.0156		<	0.0038	J
Chloroform	67663	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Chloromethane	74873	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Cis-1,2-Dichloroethene	156592		0.0303	J		0.0041		<	0.0039		<	0.0042			0.0044	J	<	0.0046		<	0.0038	J
Cis-1,3-Dichloropropene	10061015	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Dibromomethane	74953	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Dichlorodifluoromethane	75718	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Ethylbenzene	100414	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042			0.0014	J	<	0.0046		<	0.0038	J
Hexachlorobutadiene	87683	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Isopropylbenzene	98828	<	0.0041	J	<	0.0036			0.0035	J	<	0.0042			0.0169			0.0144			0.0059	J
M,P-Xylenes	179601231	<	0.0082	J	<	0.0072			0.0047	J	<	0.0084			0.0045	J	<	0.0092		<	0.0076	J
Methyl Tert-Butyl Ether	1634044	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Methylene Chloride	75092	<	0.0082	J	<	0.0072		<	0.0077		<	0.0084		<	0.0089		<	0.0092		<	0.0076	J
Naphthalene	91203	<	0.0041	J	<	0.0036		<	0.0039			0.0045		<	0.0045			0.011			0.0148	J
N-Butylbenzene	104518	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042			0.0079			0.0138			0.009	J
N-Propylbenzene	103651	<	0.0041	J	<	0.0036			0.0013	J	<	0.0042			0.0328			0.0322			0.0139	J
O-Xylene	95476	<	0.0041	J	<	0.0036			0.0016	J	<	0.0042			0.0025	J	<	0.0046		<	0.0038	J
Sec-Butylbenzene	135988	<	0.0041	J	<	0.0036			0.0029	J	<	0.0042			0.0376			0.0244			0.0118	J
Styrene	100425	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Tert-Butylbenzene	98066	<	0.0041	J	<	0.0036			0.002	J	<	0.0042			0.0319			0.0081			0.0035	J
Tetrachloroethene	127184		1.31	J		0.0031	J	<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Toluene	108883	<	0.0041	J	<	0.0036			0.0046		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Total Xylenes	1330207	<	0.0082	J	<	0.0072			0.0063		<	0.0084			0.007		<	0.0092		<	0.0076	J
Trans-1,2-Dichloroethene	156605	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Trans-1,3-Dichloropropene	10061026	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Trichloroethene	79016		0.0587	J		0.0024	J	<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Trichlorofluoromethane	75694	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
Vinyl Acetate	108054	<	0.021	J	<	0.018		<	0.019		<	0.021		<	0.022		<	0.023		<	0.019	J
Vinyl Chloride	75014	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042			0.0041	J	<	0.0046		<	0.0038	J
Dibromochloropropane (DBCP)	67708832	<	0.0041	J	<	0.0036		<	0.0039		<	0.0042		<	0.0045		<	0.0046		<	0.0038	J
VOCs - Method 3810 Mod																						
Benzene	71432		NA			NA			NA			NA			NA			NA			NA	
Cis-1,2-Dichloroethene	156592		NA			NA			NA			NA			NA			NA			NA	
Ethylbenzene	100414		NA			NA			NA			NA			NA			NA			NA	
Tetrachloroethene	127184		NA			NA			NA			NA			NA			NA			NA	
Toluene	108883		NA			NA			NA			NA			NA			NA			NA	
Trichloroethene	79016		NA			NA			NA			NA			NA			NA			NA	
Total Xylenes	1330207		NA			NA			NA			NA			NA			NA			NA	

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-7-5 5 10/16/2013 Investigation Central DC Subsurface	DC-8-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-8-2 2 10/9/2013 Investigation Central DC Surface	DC-8-5 5 10/9/2013 Investigation Central DC Subsurface	DC-9-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-9-2 2 10/9/2013 Investigation Central DC Surface	DC-9-5 5 10/9/2013 Investigation Central DC Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
1,2-Dichlorobenzene	95501	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
1,2-Diphenylhydrazine	122667	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
1,3-Dichlorobenzene	541731	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
1,4-Dichlorobenzene	106467	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
1-Methylnaphthalene	90120	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2,4,5-Trichlorophenol	95954	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2,4,6-Trichlorophenol	88062	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2,4-Dichlorophenol	120832	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2,4-Dimethylphenol	105679	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2,4-Dinitrophenol	51285	NA	< 1.1	< 1.1	NA	< 1	< 1.1	NA
2,4-Dinitrotoluene	121142	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2,6-Dinitrotoluene	606202	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2-Chloronaphthalene	91587	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2-Chlorophenol	95578	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2-Methylnaphthalene	91576	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2-Methylphenol	95487	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2-Nitroaniline	88744	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
2-Nitrophenol	88755	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
3,3'-Dichlorobenzidine	91941	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
3-Nitroaniline	99092	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
4,6-Dinitro-2-Methylphenol	534521	NA	< 0.42	< 0.44	NA	< 0.42	< 0.42	NA
4-Bromophenyl Phenyl Ether	101553	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
4-Chloro-3-Methylphenol	59507	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
4-Chloroaniline	106478	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
4-Nitroaniline	100016	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
4-Nitrophenol	100027	NA	< 1.1	< 1.1	NA	< 1	< 1.1	NA
Acenaphthene	83329	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Acenaphthylene	208968	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Aniline	62533	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Anthracene	120127	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Benzidine	92875	NA	< 2.1	< 2.2	NA	< 2.1	< 2.1	NA
Benzo(A)Anthracene	56553	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Benzo(A)Pyrene	50328	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Benzo(B)Fluoranthene	205992	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Benzo(G,H,I)Perylene	191242	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Benzo(K)Fluoranthene	207089	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Benzoic Acid	65850	NA	< 1.1	< 1.1	NA	< 1	< 1.1	NA
Benzyl Alcohol	100516	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Bis(2-Chloroethoxy)Methane	111911	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Bis(2-Chloroethyl)Ether	111444	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-7-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-8-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-8-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-8-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-9-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-9-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-9-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	< 0.42	< 0.44	NA	< 0.42	< 0.42	NA
Butyl Benzyl Phthalate	85687	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Carbazole	86748	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Chrysene	218019	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Dibenz(A,H)Anthracene	53703	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Dibenzofuran	132649	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Diethyl Phthalate	84662	NA	< 0.42	< 0.44	NA	< 0.42	< 0.42	NA
Dimethyl Phthalate	131113	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Di-N-Butyl Phthalate	84742	NA	< 0.42	< 0.44	NA	< 0.42	< 0.42	NA
Di-N-Octyl Phthalate	117840	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Fluoranthene	206440	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Fluorene	86737	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Hexachlorobenzene	118741	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Hexachlorobutadiene	87683	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Hexachloroethane	67721	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Isophorone	78591	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
M-,P-Cresol Mixture	15831104	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Naphthalene	91203	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Nitrobenzene	98953	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
N-Nitrosodimethylamine	62759	NA	< 0.42	< 0.44	NA	< 0.42	< 0.42	NA
N-Nitrosodi-N-Propylamine	621647	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
N-Nitrosodiphenylamine	86306	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Pentachlorophenol	87865	NA	< 1.1	< 1.1	NA	< 1	< 1.1	NA
Phenanthrene	85018	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Phenol	108952	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Pyrene	129000	NA	< 0.21	< 0.22	NA	< 0.21	< 0.21	NA
Pyridine	110861	NA	< 0.42	< 0.44	NA	< 0.42	< 0.42	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	NA	NA	NA
Pcb- 1221	11104282	NA	NA	NA	NA	NA	NA	NA
Pcb- 1232	11141165	NA	NA	NA	NA	NA	NA	NA
Pcb- 1242	53469219	NA	NA	NA	NA	NA	NA	NA
Pcb- 1248	12672296	NA	NA	NA	NA	NA	NA	NA
Pcb- 1254	11097691	NA	NA	NA	NA	NA	NA	NA
Pcb- 1260	11096825	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	< 10	18.299999	NA	10.1 J	< 11	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-7-5 5 10/16/2013 Investigation Central DC Subsurface	DC-8-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-8-2 2 10/9/2013 Investigation Central DC Surface	DC-8-5 5 10/9/2013 Investigation Central DC Subsurface	DC-9-0.5 0.5 10/9/2013 Investigation Central DC Surface	DC-9-2 2 10/9/2013 Investigation Central DC Surface	DC-9-5 5 10/9/2013 Investigation Central DC Subsurface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	< 0.033	< 0.036	NA	< 0.21	< 0.033	NA
2,4-D	94757	NA	< 0.33	< 0.36	NA	< 2.1	< 0.33	NA
2,4-Db	94826	NA	< 0.33	< 0.36	NA	< 2.1	< 0.33	NA
4,4'-DDD	72548	NA	< 0.0043	< 0.0044	NA	0.00069 J	< 0.0042	NA
4,4'-DDE	72559	NA	< 0.0043	< 0.0044	NA	< 0.0041	< 0.0042	NA
4,4'-DDT	50293	NA	< 0.0043	< 0.0044	NA	< 0.0041	< 0.0042	NA
Aldrin	309002	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Alpha-BHC	319846	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Beta-BHC	319857	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Delta-BHC	319868	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Alpha-Chlordane	5103719	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Dalapon	75990	NA	< 1.6	< 1.8	NA	< 10	< 1.7	NA
Dicamba	1918009	NA	< 0.033	< 0.036	NA	< 0.21	< 0.033	NA
Dichoroprop	120365	NA	< 0.33	< 0.36	NA	< 2.1	< 0.33	NA
Dieldrin	60571	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Dinoseb	88857	NA	< 0.82	< 0.89	NA	< 5.1	< 0.83	NA
Endosulfan I	959988	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Endosulfan II	33213659	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Endosulfan sulfate	1031078	NA	< 0.0043	< 0.0044	NA	< 0.0041	< 0.0042	NA
Endrin	72208	NA	< 0.0043	< 0.0044	NA	< 0.0041	< 0.0042	NA
Endrin aldehyde	7421934	NA	< 0.0043	< 0.0044	NA	< 0.0041	< 0.0042	NA
Endrin ketone	53494705	NA	< 0.0043	< 0.0044	NA	< 0.0041	< 0.0042	NA
Gamma-BHC	58899	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Gamma-Chlordane	5103742	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Heptachlor	76448	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Heptachlor epoxide	1024573	NA	< 0.0021	< 0.0022	NA	< 0.0021	< 0.0021	NA
Mcpa	94746	NA	< 33	< 36	NA	< 210	< 33	NA
Mcpp	93652	NA	< 33	< 36	NA	< 210	< 33	NA
Methoxychlor	72435	NA	< 0.0043	< 0.0044	NA	< 0.0041	< 0.0042	NA
Pentachlorophenol	87865	NA	< 0.033	< 0.036	NA	< 0.21	< 0.033	NA
Silvex (2,4,5-TP)	93721	NA	< 0.033	< 0.036	NA	< 0.21	< 0.033	NA
Toxaphene	8001352	NA	< 0.11	< 0.11	NA	< 0.1	< 0.11	NA
Total Metals (mg/kg)								
Aluminum	7429905	NA	15000	18300	NA	11800	13700	NA
Antimony	7440360	NA	< 3.8	< 5.2	NA	< 3.7	< 4.3	NA
Arsenic	7440382	NA	4.1	5.4	NA	5.6	3.4	NA
Barium	7440393	NA	188	223	NA	142	168	NA
Beryllium	7440417	NA	< 0.96	< 1.3	NA	< 0.91	< 1.1	NA
Boron	7440428	NA	< 10	< 11	NA	10.5	< 10	NA
Cadmium	7440439	NA	< 0.76	< 1	NA	< 0.73	< 0.87	NA
Calcium	7440702	NA	4640	6940	NA	3360	2910	NA
Chromium	7440473	NA	14.1	17.700001	NA	11.6	13.2	NA
Cobalt	7440484	NA	< 9.6	< 13	NA	< 9.1	< 11	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	DC-7-5 / 5 / 10/16/2013 / Investigation / Central / DC / Subsurface	DC-8-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-8-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-8-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface	DC-9-0.5 / 0.5 / 10/9/2013 / Investigation / Central / DC / Surface	DC-9-2 / 2 / 10/9/2013 / Investigation / Central / DC / Surface	DC-9-5 / 5 / 10/9/2013 / Investigation / Central / DC / Subsurface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	11.3	17.200001	NA	12.9	10.8	NA
Iron	7439896	NA	14500	17300	NA	12600	12300	NA
Lead	7439921	NA	14.5	17.4	NA	21.4	12.8	NA
Lithium	7439932	NA	< 510	< 540	NA	< 490	< 510	NA
Manganese	7439965	NA	216	367	NA	185	273	NA
Magnesium	7439954	NA	3950	4550	NA	2930	3060	NA
Mercury	7439976	NA	< 0.048	< 0.054	NA	< 0.047	< 0.05	NA
Molybdenum	7439987	NA	< 9.6	< 13	NA	< 9.1	< 11	NA
Nickel	7440020	NA	14.8	18.4	NA	14	13.5	NA
Potassium	7440097	NA	2230	2930	NA	2390	< 2200	NA
Selenium	7782492	NA	< 3.8	< 5.2	NA	< 3.7	< 4.3	NA
Silver	7440224	NA	< 1.9	< 2.6	NA	< 1.8	< 2.2	NA
Sodium	7440235	NA	< 1900	< 2600	NA	< 1800	< 2200	NA
Strontium (Total)	7440246	NA	54.200001	78.400002	NA	50.200001	47.5	NA
Thallium	7440280	NA	< 1.9	< 2.6	NA	< 1.8	< 2.2	NA
Tin	7440315	NA	< 9.6	< 13	NA	< 9.1	< 11	NA
Titanium	7440326	NA	72.5	102	NA	63.299999	88.199997	NA
Vanadium	7440622	NA	29.700001	32.200001	NA	22.700001	23.5	NA
Zinc	7440666	NA	33.900002	61.099998	NA	52.5	33.200001	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-0.5 0.5 10/17/2013 Investigation Central DC Surface	DC-SUMP-0.5Dup 0.5 10/17/2013 Duplicate Central DC Surface	DC-SUMP-10 10 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-15 15 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-2 2 10/17/2013 Investigation Central DC Surface	DC-SUMP-2Dup 2 10/17/2013 Duplicate Central DC Surface
Volatile Organics (mg/kg)							
1,1,1,2-Tetrachloroethane	630206	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,1,1-Trichloroethane	71556	0.0654	0.0632	0.0075	0.0687	0.0608	0.0721
1,1,2,2-Tetrachloroethane	79345	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,1,2-Trichloroethane	79005	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,1-Dichloroethane	75343	0.0105	0.0173	0.0024 J	0.0216	0.017	0.012
1,1-Dichloroethene	75354	0.0059	0.0059	< 0.0051	0.0058	0.0056	0.0061
1,1-Dichloropropene	563586	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2,3-Trichlorobenzene	87616	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2,3-Trichloropropane	96184	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2,4-Trichlorobenzene	120821	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2,4-Trimethylbenzene	95636	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2-Dibromoethane	106934	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2-Dichlorobenzene	95501	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2-Dichloroethane	107062	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,3,5-Trimethylbenzene	108678	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,3-Dichlorobenzene	541731	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,3-Dichloropropane	142289	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,4-Dichlorobenzene	106467	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
1,4-Dioxane	123911	< 0.19	< 0.18	< 0.2	0.293	< 0.15	< 0.2
2,2-Dichloropropane	594207	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
2-Butanone	78933	< 0.024	< 0.023	< 0.025	< 0.023	< 0.018	< 0.025
2-Chloroethyl Vinyl Ether	110758	< 0.024	< 0.023	< 0.025	< 0.023	< 0.018	< 0.025
2-Chlorotoluene	95498	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
2-Hexanone (methyl butyl ketone)	591786	< 0.024	< 0.023	< 0.025	< 0.023	< 0.018	< 0.025
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
4-Isopropyltoluene	99876	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
4-Methyl-2-Pentanone	108101	< 0.024	< 0.023	< 0.025	< 0.023	< 0.018	< 0.025
Acetone	67641	0.0397 J	0.0343 J	< 0.051	< 0.047	0.0226 J	< 0.05
Acrolein	107028	< 0.024	< 0.023	< 0.025	< 0.023	< 0.018	< 0.025
Acrylonitrile	107131	< 0.024	< 0.023	< 0.025	< 0.023	< 0.018	< 0.025
Benzene	71432	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Bromobenzene	108861	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Bromochloromethane	74975	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Bromodichloromethane	75274	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Bromoform	75252	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Bromomethane	74839	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Carbon Disulfide	75150	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Carbon Tetrachloride	56235	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Chlorobenzene	108907	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Dibromochloromethane	124481	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005

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Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-SUMP-0.5	DC-SUMP-0.5Dup	DC-SUMP-10	DC-SUMP-15	DC-SUMP-2	DC-SUMP-2Dup
Sample Depth		0.5	0.5	10	15	2	2
Date Collected		10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013
Sample Type		Investigation	Duplicate	Investigation	Investigation	Investigation	Duplicate
RA Area		Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Surface	Surface
Constituent	CAS No.						
Volatile Organics (mg/kg) (continued)							
Chloroethane	75003	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Chloroform	67663	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Chloromethane	74873	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Cis-1,2-Dichloroethene	156592	0.58	0.556	0.133	1.15	0.608	0.565
Cis-1,3-Dichloropropene	10061015	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Dibromomethane	74953	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Dichlorodifluoromethane	75718	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Ethylbenzene	100414	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Hexachlorobutadiene	87683	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Isopropylbenzene	98828	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
M,P-Xylenes	179601231	< 0.0097	< 0.0091	< 0.01	< 0.0094	< 0.0074	< 0.01
Methyl Tert-Butyl Ether	1634044	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Methylene Chloride	75092	< 0.0097	< 0.0091	< 0.01	< 0.0094	< 0.0074	< 0.01
Naphthalene	91203	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
N-Butylbenzene	104518	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
N-Propylbenzene	103651	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
O-Xylene	95476	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Sec-Butylbenzene	135988	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Styrene	100425	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Tert-Butylbenzene	98066	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Tetrachloroethene	127184	9.42	3.38	1.57	2.48	3.86	10.9
Toluene	108883	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Total Xylenes	1330207	< 0.0097	< 0.0091	< 0.01	< 0.0094	< 0.0074	< 0.01
Trans-1,2-Dichloroethene	156605	0.0038 J	0.0036 J	< 0.0051	0.0034 J	0.0033 J	0.0038 J
Trans-1,3-Dichloropropene	10061026	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Trichloroethene	79016	1.04	0.528	0.0901	0.657	0.616	1.13
Trichlorofluoromethane	75694	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Vinyl Acetate	108054	< 0.024	< 0.023	< 0.025	< 0.023	< 0.018	< 0.025
Vinyl Chloride	75014	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
Dibromochloropropane (DBCP)	67708832	< 0.0048	< 0.0045	< 0.0051	< 0.0047	< 0.0037	< 0.005
VOCs - Method 3810 Mod							
Benzene	71432	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-0.5 0.5 10/17/2013 Investigation Central DC Surface	DC-SUMP-0.5Dup 0.5 10/17/2013 Duplicate Central DC Surface	DC-SUMP-10 10 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-15 15 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-2 2 10/17/2013 Investigation Central DC Surface	DC-SUMP-2Dup 2 10/17/2013 Duplicate Central DC Surface
Semi-Volatile Organics (mg/kg)							
1,2,4-Trichlorobenzene	120821	< 0.2	NA	NA	NA	< 0.2	NA
1,2-Dichlorobenzene	95501	< 0.2	NA	NA	NA	< 0.2	NA
1,2-Diphenylhydrazine	122667	< 0.2	NA	NA	NA	< 0.2	NA
1,3-Dichlorobenzene	541731	< 0.2	NA	NA	NA	< 0.2	NA
1,4-Dichlorobenzene	106467	< 0.2	NA	NA	NA	< 0.2	NA
1-Methylnaphthalene	90120	< 0.2	NA	NA	NA	< 0.2	NA
2,4,5-Trichlorophenol	95954	< 0.2	NA	NA	NA	< 0.2	NA
2,4,6-Trichlorophenol	88062	< 0.2	NA	NA	NA	< 0.2	NA
2,4-Dichlorophenol	120832	< 0.2	NA	NA	NA	< 0.2	NA
2,4-Dimethylphenol	105679	< 0.2	NA	NA	NA	< 0.2	NA
2,4-Dinitrophenol	51285	< 1	NA	NA	NA	< 0.99	NA
2,4-Dinitrotoluene	121142	< 0.2	NA	NA	NA	< 0.2	NA
2,6-Dinitrotoluene	606202	< 0.2	NA	NA	NA	< 0.2	NA
2-Chloronaphthalene	91587	< 0.2	NA	NA	NA	< 0.2	NA
2-Chlorophenol	95578	< 0.2	NA	NA	NA	< 0.2	NA
2-Methylnaphthalene	91576	< 0.2	NA	NA	NA	< 0.2	NA
2-Methylphenol	95487	< 0.2	NA	NA	NA	< 0.2	NA
2-Nitroaniline	88744	< 0.2	NA	NA	NA	< 0.2	NA
2-Nitrophenol	88755	< 0.2	NA	NA	NA	< 0.2	NA
3,3'-Dichlorobenzidine	91941	< 0.2	NA	NA	NA	< 0.2	NA
3-Nitroaniline	99092	< 0.2	NA	NA	NA	< 0.2	NA
4,6-Dinitro-2-Methylphenol	534521	< 0.41	NA	NA	NA	< 0.4	NA
4-Bromophenyl Phenyl Ether	101553	< 0.2	NA	NA	NA	< 0.2	NA
4-Chloro-3-Methylphenol	59507	< 0.2	NA	NA	NA	< 0.2	NA
4-Chloroaniline	106478	< 0.2	NA	NA	NA	< 0.2	NA
4-Chlorophenyl Phenyl Ether	7005723	< 0.2	NA	NA	NA	< 0.2	NA
4-Nitroaniline	100016	< 0.2	NA	NA	NA	< 0.2	NA
4-Nitrophenol	100027	< 1	NA	NA	NA	< 0.99	NA
Acenaphthene	83329	< 0.2	NA	NA	NA	< 0.2	NA
Acenaphthylene	208968	< 0.2	NA	NA	NA	< 0.2	NA
Aniline	62533	< 0.2	NA	NA	NA	< 0.2	NA
Anthracene	120127	< 0.2	NA	NA	NA	< 0.2	NA
Benzidine	92875	< 2	NA	NA	NA	< 2	NA
Benzo(A)Anthracene	56553	< 0.2	NA	NA	NA	< 0.2	NA
Benzo(A)Pyrene	50328	< 0.2	NA	NA	NA	< 0.2	NA
Benzo(B)Fluoranthene	205992	< 0.2	NA	NA	NA	< 0.2	NA
Benzo(G,H,I)Perylene	191242	< 0.2	NA	NA	NA	< 0.2	NA
Benzo(K)Fluoranthene	207089	< 0.2	NA	NA	NA	< 0.2	NA
Benzoic Acid	65850	< 1	NA	NA	NA	< 0.99	NA
Benzyl Alcohol	100516	< 0.2	NA	NA	NA	< 0.2	NA
Bis(2-Chloroethoxy)Methane	111911	< 0.2	NA	NA	NA	< 0.2	NA
Bis(2-Chloroethyl)Ether	111444	< 0.2	NA	NA	NA	< 0.2	NA
Bis(2-Chloroisopropyl)Ether	108601	< 0.2	NA	NA	NA	< 0.2	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-SUMP-0.5	DC-SUMP-0.5Dup	DC-SUMP-10	DC-SUMP-15	DC-SUMP-2	DC-SUMP-2Dup
Sample Depth		0.5	0.5	10	15	2	2
Date Collected		10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/17/2013
Sample Type		Investigation	Duplicate	Investigation	Investigation	Investigation	Duplicate
RA Area		Central	Central	Central	Central	Central	Central
Area/SWMU		DC	DC	DC	DC	DC	DC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Surface	Surface
Constituent	CAS No.						
Semi-Volatile Organics (mg/kg) (continued)							
Bis(2-Ethylhexyl) Phthalate	117817	< 0.41	NA	NA	NA	< 0.4	NA
Butyl Benzyl Phthalate	85687	< 0.2	NA	NA	NA	< 0.2	NA
Carbazole	86748	< 0.2	NA	NA	NA	< 0.2	NA
Chrysene	218019	< 0.2	NA	NA	NA	< 0.2	NA
Dibenz(A,H)Anthracene	53703	< 0.2	NA	NA	NA	< 0.2	NA
Dibenzofuran	132649	< 0.2	NA	NA	NA	< 0.2	NA
Diethyl Phthalate	84662	< 0.41	NA	NA	NA	< 0.4	NA
Dimethyl Phthalate	131113	< 0.2	NA	NA	NA	< 0.2	NA
Di-N-Butyl Phthalate	84742	< 0.41	NA	NA	NA	< 0.4	NA
Di-N-Octyl Phthalate	117840	< 0.2	NA	NA	NA	< 0.2	NA
Fluoranthene	206440	< 0.2	NA	NA	NA	< 0.2	NA
Fluorene	86737	< 0.2	NA	NA	NA	< 0.2	NA
Hexachloro-1,3-Cyclopentadiene	77474	< 0.2	NA	NA	NA	< 0.2	NA
Hexachlorobenzene	118741	< 0.2	NA	NA	NA	< 0.2	NA
Hexachlorobutadiene	87683	< 0.2	NA	NA	NA	< 0.2	NA
Hexachloroethane	67721	< 0.2	NA	NA	NA	< 0.2	NA
Indeno(1,2,3-Cd)Pyrene	193395	< 0.2	NA	NA	NA	< 0.2	NA
Isophorone	78591	< 0.2	NA	NA	NA	< 0.2	NA
M-,P-Cresol Mixture	15831104	< 0.2	NA	NA	NA	< 0.2	NA
Naphthalene	91203	< 0.2	NA	NA	NA	< 0.2	NA
Nitrobenzene	98953	< 0.2	NA	NA	NA	< 0.2	NA
N-Nitrosodimethylamine	62759	< 0.41	NA	NA	NA	< 0.4	NA
N-Nitrosodi-N-Propylamine	621647	< 0.2	NA	NA	NA	< 0.2	NA
N-Nitrosodiphenylamine	86306	< 0.2	NA	NA	NA	< 0.2	NA
Pentachlorophenol	87865	< 1	NA	NA	NA	< 0.99	NA
Phenanthrene	85018	< 0.2	NA	NA	NA	< 0.2	NA
Phenol	108952	< 0.2	NA	NA	NA	< 0.2	NA
Pyrene	129000	< 0.2	NA	NA	NA	< 0.2	NA
Pyridine	110861	< 0.41	NA	NA	NA	< 0.4	NA
PCBs (mg/kg)							
Pcb- 1016	12674112	< 0.02	NA	NA	NA	< 0.02	NA
Pcb- 1221	11104282	< 0.02	NA	NA	NA	< 0.02	NA
Pcb- 1232	11141165	< 0.02	NA	NA	NA	< 0.02	NA
Pcb- 1242	53469219	< 0.02	NA	NA	NA	< 0.02	NA
Pcb- 1248	12672296	< 0.02	NA	NA	NA	< 0.02	NA
Pcb- 1254	11097691	< 0.02	NA	NA	NA	< 0.02	NA
Pcb- 1260	11096825	< 0.02	NA	NA	NA	< 0.02	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)							
DRO (C10-C28) Range	DRO	7.1 J	NA	NA	NA	< 9.7	NA

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Soil Analytical Data
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Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-0.5 0.5 10/17/2013 Investigation Central DC Surface	DC-SUMP-0.5Dup 0.5 10/17/2013 Duplicate Central DC Surface	DC-SUMP-10 10 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-15 15 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-2 2 10/17/2013 Investigation Central DC Surface	DC-SUMP-2Dup 2 10/17/2013 Duplicate Central DC Surface
Herbicides/Pesticides (mg/kg)							
2,4,5-T	93765	< 0.041	NA	NA	NA	< 0.039	NA
2,4-D	94757	< 0.41	NA	NA	NA	< 0.39	NA
2,4-Db	94826	< 0.41	NA	NA	NA	< 0.39	NA
4,4'-DDD	72548	< 0.004	NA	NA	NA	< 0.0039	NA
4,4'-DDE	72559	< 0.004	NA	NA	NA	< 0.0039	NA
4,4'-DDT	50293	0.0011 J	NA	NA	NA	< 0.0039	NA
Aldrin	309002	< 0.002	NA	NA	NA	< 0.002	NA
Alpha-BHC	319846	< 0.002	NA	NA	NA	< 0.002	NA
Beta-BHC	319857	< 0.002	NA	NA	NA	< 0.002	NA
Delta-BHC	319868	< 0.002	NA	NA	NA	< 0.002	NA
Alpha-Chlordane	5103719	0.0013 J	NA	NA	NA	< 0.002	NA
Dalapon	75990	< 2	NA	NA	NA	< 1.9	NA
Dicamba	1918009	< 0.041	NA	NA	NA	< 0.039	NA
Dichoroprop	120365	< 0.41	NA	NA	NA	< 0.39	NA
Dieldrin	60571	0.00051 J	NA	NA	NA	< 0.002	NA
Dinoseb	88857	< 2	NA	NA	NA	< 1.9	NA
Endosulfan I	959988	< 0.002	NA	NA	NA	< 0.002	NA
Endosulfan II	33213659	< 0.002	NA	NA	NA	< 0.002	NA
Endosulfan sulfate	1031078	< 0.004	NA	NA	NA	< 0.0039	NA
Endrin	72208	< 0.004	NA	NA	NA	< 0.0039	NA
Endrin aldehyde	7421934	< 0.004	NA	NA	NA	< 0.0039	NA
Endrin ketone	53494705	< 0.004	NA	NA	NA	< 0.0039	NA
Gamma-BHC	58899	< 0.002	NA	NA	NA	< 0.002	NA
Gamma-Chlordane	5103742	0.0017 J	NA	NA	NA	< 0.002	NA
Heptachlor	76448	< 0.002	NA	NA	NA	< 0.002	NA
Heptachlor epoxide	1024573	< 0.002	NA	NA	NA	< 0.002	NA
Mcpa	94746	< 41	NA	NA	NA	< 39	NA
Mcpp	93652	< 41	NA	NA	NA	< 39	NA
Methoxychlor	72435	0.0935	NA	NA	NA	0.0093	NA
Pentachlorophenol	87865	< 0.041	NA	NA	NA	< 0.039	NA
Silvex (2,4,5-TP)	93721	< 0.041	NA	NA	NA	< 0.039	NA
Toxaphene	8001352	< 0.1	NA	NA	NA	< 0.099	NA
Total Metals (mg/kg)							
Aluminum	7429905	17400	NA	NA	NA	15500	NA
Antimony	7440360	< 5.2	NA	NA	NA	< 4.7	NA
Arsenic	7440382	5.4	NA	NA	NA	4.9	NA
Barium	7440393	185	NA	NA	NA	192	NA
Beryllium	7440417	< 1.3	NA	NA	NA	< 1.2	NA
Boron	7440428	NA	NA	NA	NA	NA	NA
Cadmium	7440439	< 1	NA	NA	NA	< 0.95	NA
Calcium	7440702	5810	NA	NA	NA	3390	NA
Chromium	7440473	18.200001	NA	NA	NA	14.7	NA
Cobalt	7440484	< 13	NA	NA	NA	< 12	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-0.5 0.5 10/17/2013 Investigation Central DC Surface	DC-SUMP-0.5Dup 0.5 10/17/2013 Duplicate Central DC Surface	DC-SUMP-10 10 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-15 15 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-2 2 10/17/2013 Investigation Central DC Surface	DC-SUMP-2Dup 2 10/17/2013 Duplicate Central DC Surface
Total metals (mg/kg) (continued)							
Copper	7440508	12.3	NA	NA	NA	9.9	NA
Iron	7439896	15600	NA	NA	NA	15100	NA
Lead	7439921	14.2	NA	NA	NA	12.8	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA
Manganese	7439965	364	NA	NA	NA	280	NA
Magnesium	7439954	3870	NA	NA	NA	4150	NA
Mercury	7439976	< 0.05	NA	NA	NA	< 0.044	NA
Molybdenum	7439987	< 13	NA	NA	NA	< 12	NA
Nickel	7440020	16.200001	NA	NA	NA	15.4	NA
Potassium	7440097	3050	NA	NA	NA	< 2400	NA
Selenium	7782492	< 5.2	NA	NA	NA	< 4.7	NA
Silver	7440224	< 2.6	NA	NA	NA	< 2.4	NA
Sodium	7440235	< 2600	NA	NA	NA	< 2400	NA
Strontium (Total)	7440246	74.800003	NA	NA	NA	54.900002	NA
Thallium	7440280	< 2.6	NA	NA	NA	< 2.4	NA
Tin	7440315	< 13	NA	NA	NA	< 12	NA
Titanium	7440326	94.800003	NA	NA	NA	74.099998	NA
Vanadium	7440622	26.299999	NA	NA	NA	24	NA
Zinc	7440666	40.799999	NA	NA	NA	36.299999	NA
Other Parameters							
PH	PH	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-5 5 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-5Dup 5 10/17/2013 Duplicate Central DC Subsurface	DC-Sump-7 7 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-INT 17 10/17/2013 Investigation Central DC Subsurface	JC-1-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-2 2 10/18/2013 Investigation Eastern JC Surface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,1,1-Trichloroethane	71556	0.0456	0.0503	0.0057	0.0986	< 0.0056	< 0.0053	NA
1,1,2,2-Tetrachloroethane	79345	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,1,2-Trichloroethane	79005	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,1-Dichloroethane	75343	0.0107	0.0121	< 0.0052	0.011	< 0.0056	< 0.0053	NA
1,1-Dichloroethene	75354	0.0039	0.0038 J	< 0.0052	0.0054 J	< 0.0056	< 0.0053	NA
1,1-Dichloropropene	563586	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2,3-Trichlorobenzene	87616	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2,3-Trichloropropane	96184	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2,4-Trichlorobenzene	120821	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2,4-Trimethylbenzene	95636	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2-Dibromoethane	106934	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2-Dichlorobenzene	95501	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2-Dichloroethane	107062	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,3,5-Trimethylbenzene	108678	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,3-Dichlorobenzene	541731	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,3-Dichloropropane	142289	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,4-Dichlorobenzene	106467	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
1,4-Dioxane	123911	< 0.12	< 0.21	< 0.21	< 0.23	< 0.23	< 0.21	NA
2,2-Dichloropropane	594207	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
2-Butanone	78933	< 0.016	< 0.026	< 0.026	< 0.029	< 0.028	< 0.026	NA
2-Chloroethyl Vinyl Ether	110758	< 0.016	< 0.026	< 0.026	< 0.029	< 0.028	< 0.026	NA
2-Chlorotoluene	95498	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
2-Hexanone (methyl butyl ketone)	591786	< 0.016	< 0.026	< 0.026	< 0.029	< 0.028	< 0.026	NA
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
4-Isopropyltoluene	99876	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
4-Methyl-2-Pentanone	108101	< 0.016	< 0.026	< 0.026	< 0.029	< 0.028	< 0.026	NA
Acetone	67641	< 0.031	0.0229 J	0.0378 J	< 0.057	< 0.056	< 0.053	NA
Acrolein	107028	< 0.016	< 0.026	< 0.026	< 0.029	< 0.028	< 0.026	NA
Acrylonitrile	107131	< 0.016	< 0.026	< 0.026	< 0.029	< 0.028	< 0.026	NA
Benzene	71432	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Bromobenzene	108861	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Bromochloromethane	74975	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Bromodichloromethane	75274	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Bromoform	75252	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Bromomethane	74839	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Carbon Disulfide	75150	< 0.0031	< 0.0052	< 0.0052	0.0028 J	< 0.0056	< 0.0053	NA
Carbon Tetrachloride	56235	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Chlorobenzene	108907	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Dibromochloromethane	124481	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification	DC-SUMP-5	DC-SUMP-5Dup	DC-Sump-7	DC-SUMP-INT	JC-1-0.5	JC-10-0.5	JC-10-2
Sample Depth	5	5	7	17	0.5	0.5	2
Date Collected	10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type	Investigation	Duplicate	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area	Central	Central	Central	Central	Eastern	Eastern	Eastern
Area/SWMU	DC	DC	DC	DC	JC	JC	JC
Surface/subsurface	Subsurface	Subsurface	Subsurface	Subsurface	Surface	Surface	Surface
Constituent / CAS No.							
Volatile Organics (mg/kg) (continued)							
Chloroethane 75003	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Chloroform 67663	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Chloromethane 74873	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Cis-1,2-Dichloroethene 156592	0.493	0.455	0.0718	1.77	< 0.0056	< 0.0053	NA
Cis-1,3-Dichloropropene 10061015	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Dibromomethane 74953	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Dichlorodifluoromethane 75718	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Ethylbenzene 100414	< 0.0031	< 0.0052	< 0.0052	0.0164	< 0.0056	< 0.0053	NA
Hexachlorobutadiene 87683	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Isopropylbenzene 98828	< 0.0031	< 0.0052	< 0.0052	0.0038 J	< 0.0056	< 0.0053	NA
M,P-Xylenes 179601231	< 0.0062	< 0.01	< 0.01	0.0223	< 0.011	< 0.011	NA
Methyl Tert-Butyl Ether 1634044	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Methylene Chloride 75092	< 0.0062	< 0.01	< 0.01	< 0.011	< 0.011	< 0.011	NA
Naphthalene 91203	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
N-Butylbenzene 104518	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
N-Propylbenzene 103651	< 0.0031	< 0.0052	< 0.0052	0.0021 J	< 0.0056	< 0.0053	NA
O-Xylene 95476	< 0.0031	< 0.0052	< 0.0052	0.0168	< 0.0056	< 0.0053	NA
Sec-Butylbenzene 135988	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Styrene 100425	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Tert-Butylbenzene 98066	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Tetrachloroethene 127184	3.33	2.83	0.854	8.45	0.0067	0.0037 J	NA
Toluene 108883	< 0.0031	< 0.0052	< 0.0052	0.0032 J	< 0.0056	< 0.0053	NA
Total Xylenes 1330207	< 0.0062	< 0.01	< 0.01	0.0391	< 0.011	< 0.011	NA
Trans-1,2-Dichloroethene 156605	0.0016 J	0.0016 J	< 0.0052	0.0086	< 0.0056	< 0.0053	NA
Trans-1,3-Dichloropropene 10061026	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Trichloroethene 79016	0.395	0.366	0.0619	0.877	< 0.0056	< 0.0053	NA
Trichlorofluoromethane 75694	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
Vinyl Acetate 108054	< 0.016	< 0.026	< 0.026	< 0.029	< 0.028	< 0.026	NA
Vinyl Chloride 75014	< 0.0031	< 0.0052	< 0.0052	0.0294	< 0.0056	< 0.0053	NA
Dibromochloropropane (DBCP) 67708832	< 0.0031	< 0.0052	< 0.0052	< 0.0057	< 0.0056	< 0.0053	NA
VOCs - Method 3810 Mod							
Benzene 71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene 156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene 100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene 127184	NA	NA	NA	NA	NA	NA	NA
Toluene 108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene 79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes 1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-5 5 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-5Dup 5 10/17/2013 Duplicate Central DC Subsurface	DC-Sump-7 7 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-INT 17 10/17/2013 Investigation Central DC Subsurface	JC-1-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-2 2 10/18/2013 Investigation Eastern JC Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
1,2-Dichlorobenzene	95501	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
1,2-Diphenylhydrazine	122667	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
1,3-Dichlorobenzene	541731	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
1,4-Dichlorobenzene	106467	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
1-Methylnaphthalene	90120	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2,4,5-Trichlorophenol	95954	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2,4,6-Trichlorophenol	88062	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2,4-Dichlorophenol	120832	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2,4-Dimethylphenol	105679	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2,4-Dinitrophenol	51285	NA	NA	NA	NA	< 0.83	< 0.84	< 0.83
2,4-Dinitrotoluene	121142	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2,6-Dinitrotoluene	606202	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2-Chloronaphthalene	91587	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2-Chlorophenol	95578	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2-Methylnaphthalene	91576	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2-Methylphenol	95487	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2-Nitroaniline	88744	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
2-Nitrophenol	88755	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
3,3'-Dichlorobenzidine	91941	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
3-Nitroaniline	99092	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
4,6-Dinitro-2-Methylphenol	534521	NA	NA	NA	NA	< 0.33	< 0.33	< 0.33
4-Bromophenyl Phenyl Ether	101553	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
4-Chloro-3-Methylphenol	59507	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
4-Chloroaniline	106478	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
4-Chlorophenyl Phenyl Ether	7005723	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
4-Nitroaniline	100016	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
4-Nitrophenol	100027	NA	NA	NA	NA	< 0.83	< 0.84	< 0.83
Acenaphthene	83329	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Acenaphthylene	208968	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Aniline	62533	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Anthracene	120127	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Benzidine	92875	NA	NA	NA	NA	< 1.7	< 1.7	< 1.7
Benzo(A)Anthracene	56553	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Benzo(A)Pyrene	50328	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Benzo(B)Fluoranthene	205992	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Benzo(G,H,I)Perylene	191242	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Benzo(K)Fluoranthene	207089	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Benzoic Acid	65850	NA	NA	NA	NA	< 0.83	< 0.84	< 0.83
Benzyl Alcohol	100516	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Bis(2-Chloroethoxy)Methane	111911	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Bis(2-Chloroethyl)Ether	111444	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Bis(2-Chloroisopropyl)Ether	108601	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		DC-SUMP-5	DC-SUMP-5Dup	DC-Sump-7	DC-SUMP-INT	JC-1-0.5	JC-10-0.5	JC-10-2
Sample Depth		5	5	7	17	0.5	0.5	2
Date Collected		10/17/2013	10/17/2013	10/17/2013	10/17/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type		Investigation	Duplicate	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Central	Central	Central	Central	Eastern	Eastern	Eastern
Area/SWMU		DC	DC	DC	DC	JC	JC	JC
Surface/subsurface		Subsurface	Subsurface	Subsurface	Subsurface	Surface	Surface	Surface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	NA	NA	NA	< 0.33	< 0.33	< 0.33
Butyl Benzyl Phthalate	85687	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Carbazole	86748	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Chrysene	218019	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Dibenz(A,H)Anthracene	53703	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Dibenzofuran	132649	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Diethyl Phthalate	84662	NA	NA	NA	NA	< 0.33	< 0.33	< 0.33
Dimethyl Phthalate	131113	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Di-N-Butyl Phthalate	84742	NA	NA	NA	NA	< 0.33	< 0.33	< 0.33
Di-N-Octyl Phthalate	117840	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Fluoranthene	206440	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Fluorene	86737	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Hexachloro-1,3-Cyclopentadiene	77474	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Hexachlorobenzene	118741	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Hexachlorobutadiene	87683	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Hexachloroethane	67721	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Indeno(1,2,3-Cd)Pyrene	193395	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Isophorone	78591	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
M-,P-Cresol Mixture	15831104	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Naphthalene	91203	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Nitrobenzene	98953	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
N-Nitrosodimethylamine	62759	NA	NA	NA	NA	< 0.33	< 0.33	< 0.33
N-Nitrosodi-N-Propylamine	621647	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
N-Nitrosodiphenylamine	86306	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Pentachlorophenol	87865	NA	NA	NA	NA	< 0.83	< 0.84	< 0.83
Phenanthrene	85018	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Phenol	108952	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Pyrene	129000	NA	NA	NA	NA	< 0.17	< 0.17	< 0.17
Pyridine	110861	NA	NA	NA	NA	< 0.33	< 0.33	< 0.33
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	NA	NA	NA	< 0.017	< 0.017	< 0.017
Pcb- 1221	11104282	NA	NA	NA	NA	< 0.017	< 0.017	< 0.017
Pcb- 1232	11141165	NA	NA	NA	NA	< 0.017	< 0.017	< 0.017
Pcb- 1242	53469219	NA	NA	NA	NA	< 0.017	< 0.017	< 0.017
Pcb- 1248	12672296	NA	NA	NA	NA	< 0.017	< 0.017	< 0.017
Pcb- 1254	11097691	NA	NA	NA	NA	< 0.017	< 0.017	< 0.017
Pcb- 1260	11096825	NA	NA	NA	NA	< 0.017	< 0.017	< 0.017
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	NA	NA	NA	< 8.4	< 8.4	< 8.4

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-5 5 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-5Dup 5 10/17/2013 Duplicate Central DC Subsurface	DC-Sump-7 7 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-INT 17 10/17/2013 Investigation Central DC Subsurface	JC-1-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-2 2 10/18/2013 Investigation Eastern JC Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	NA	NA	NA	0.0086 J	0.01 J	0.0154 J
2,4-D	94757	NA	NA	NA	NA	< 0.33	< 0.34	< 0.33
2,4-Db	94826	NA	NA	NA	NA	< 0.33	< 0.34	< 0.33
4,4'-DDD	72548	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
4,4'-DDE	72559	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
4,4'-DDT	50293	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
Aldrin	309002	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Alpha-BHC	319846	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Beta-BHC	319857	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Delta-BHC	319868	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Alpha-Chlordane	5103719	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Dalapon	75990	NA	NA	NA	NA	< 1.6	< 1.7	< 1.7
Dicamba	1918009	NA	NA	NA	NA	< 0.033	< 0.034	< 0.033
Dichoroprop	120365	NA	NA	NA	NA	< 0.33	< 0.34	< 0.33
Dieldrin	60571	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Dinoseb	88857	NA	NA	NA	NA	< 0.82	< 0.84	< 0.83
Endosulfan I	959988	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Endosulfan II	33213659	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Endosulfan sulfate	1031078	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
Endrin	72208	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
Endrin aldehyde	7421934	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
Endrin ketone	53494705	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
Gamma-BHC	58899	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Gamma-Chlordane	5103742	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Heptachlor	76448	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Heptachlor epoxide	1024573	NA	NA	NA	NA	< 0.0017	< 0.0017	< 0.0017
Mcpa	94746	NA	NA	NA	NA	< 33	< 34	< 33
Mcpp	93652	NA	NA	NA	NA	< 33	< 34	< 33
Methoxychlor	72435	NA	NA	NA	NA	< 0.0033	< 0.0034	< 0.0034
Pentachlorophenol	87865	NA	NA	NA	NA	< 0.033	< 0.034	< 0.033
Silvex (2,4,5-TP)	93721	NA	NA	NA	NA	< 0.033	< 0.034	< 0.033
Toxaphene	8001352	NA	NA	NA	NA	< 0.083	< 0.085	< 0.084
Total Metals (mg/kg)								
Aluminum	7429905	NA	NA	NA	NA	843	1000	975
Antimony	7440360	NA	NA	NA	NA	< 3.4	< 3.6	< 3.5
Arsenic	7440382	NA	NA	NA	NA	< 1.7	< 1.8	< 1.8
Barium	7440393	NA	NA	NA	NA	< 34	< 36	< 35
Beryllium	7440417	NA	NA	NA	NA	< 0.86	< 0.91	< 0.89
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	NA	NA	NA	< 0.69	< 0.72	< 0.71
Calcium	7440702	NA	NA	NA	NA	1100	1430	1510
Chromium	7440473	NA	NA	NA	NA	< 1.7	< 1.8	< 1.8
Cobalt	7440484	NA	NA	NA	NA	< 8.6	< 9.1	< 8.9

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	DC-SUMP-5 5 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-5Dup 5 10/17/2013 Duplicate Central DC Subsurface	DC-Sump-7 7 10/17/2013 Investigation Central DC Subsurface	DC-SUMP-INT 17 10/17/2013 Investigation Central DC Subsurface	JC-1-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-10-2 2 10/18/2013 Investigation Eastern JC Surface
Total metals (mg/kg) (continued)								
Copper	7440508	NA	NA	NA	NA	< 4.3	< 4.5	< 4.4
Iron	7439896	NA	NA	NA	NA	1860	2000	1910
Lead	7439921	NA	NA	NA	NA	< 3.4	< 3.6	6.7
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	NA	NA	NA	22.5	39.599998	45.700001
Magnesium	7439954	NA	NA	NA	NA	< 860	< 910	< 890
Mercury	7439976	NA	NA	NA	NA	< 0.039	< 0.041	< 0.039
Molybdenum	7439987	NA	NA	NA	NA	< 8.6	< 9.1	< 8.9
Nickel	7440020	NA	NA	NA	NA	< 6.9	< 7.2	< 7.1
Potassium	7440097	NA	NA	NA	NA	< 1700	< 1800	< 1800
Selenium	7782492	NA	NA	NA	NA	< 3.4	< 3.6	4.2
Silver	7440224	NA	NA	NA	NA	< 1.7	< 1.8	< 1.8
Sodium	7440235	NA	NA	NA	NA	< 1700	< 1800	< 1800
Strontium (Total)	7440246	NA	NA	NA	NA	5.7	8.4	9.7
Thallium	7440280	NA	NA	NA	NA	< 1.7	< 1.8	< 9
Tin	7440315	NA	NA	NA	NA	< 8.6	< 9.1	< 8.9
Titanium	7440326	NA	NA	NA	NA	31.799999	49	53.200001
Vanadium	7440622	NA	NA	NA	NA	< 8.6	< 9.1	< 8.9
Zinc	7440666	NA	NA	NA	NA	6	8.3	8.2
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	< 1000	< 1000

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-1-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-11-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-11-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-11-10Dup 10 10/18/2013 Duplicate Eastern JC Subsurface
Volatile Organics (mg/kg)					
1,1,1,2-Tetrachloroethane	630206	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,1,1-Trichloroethane	71556	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,1,2,2-Tetrachloroethane	79345	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,1,2-Trichloroethane	79005	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,1-Dichloroethane	75343	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,1-Dichloroethene	75354	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,1-Dichloropropene	563586	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2,3-Trichlorobenzene	87616	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2,3-Trichloropropane	96184	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2,4-Trichlorobenzene	120821	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2,4-Trimethylbenzene	95636	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2-Dibromoethane	106934	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2-Dichlorobenzene	95501	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2-Dichloroethane	107062	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,3,5-Trimethylbenzene	108678	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,3-Dichlorobenzene	541731	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,3-Dichloropropane	142289	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,4-Dichlorobenzene	106467	< 0.0076	< 0.0025	< 0.0061	< 0.0028
1,4-Dioxane	123911	< 0.3	< 0.1	< 0.24	< 0.11
2,2-Dichloropropane	594207	< 0.0076	< 0.0025	< 0.0061	< 0.0028
2-Butanone	78933	< 0.038	< 0.013	< 0.031	< 0.014
2-Chloroethyl Vinyl Ether	110758	< 0.038	< 0.013	< 0.031	< 0.014
2-Chlorotoluene	95498	< 0.0076	< 0.0025	< 0.0061	< 0.0028
2-Hexanone (methyl butyl ketone)	591786	< 0.038	< 0.013	< 0.031	< 0.014
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0076	< 0.0025	< 0.0061	< 0.0028
4-Isopropyltoluene	99876	< 0.0076	< 0.0025	< 0.0061	< 0.0028
4-Methyl-2-Pentanone	108101	< 0.038	< 0.013	< 0.031	< 0.014
Acetone	67641	< 0.076	0.0149 J	< 0.061	0.0271 J
Acrolein	107028	< 0.038	< 0.013	< 0.031	< 0.014
Acrylonitrile	107131	< 0.038	< 0.013	< 0.031	< 0.014
Benzene	71432	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Bromobenzene	108861	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Bromochloromethane	74975	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Bromodichloromethane	75274	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Bromoform	75252	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Bromomethane	74839	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Carbon Disulfide	75150	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Carbon Tetrachloride	56235	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Chlorobenzene	108907	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Dibromochloromethane	124481	< 0.0076	< 0.0025	< 0.0061	< 0.0028

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	JC-1-10 / 10 / 10/18/2013 / Investigation / Eastern / JC / Subsurface	JC-11-0.5 / 0.5 / 10/18/2013 / Investigation / Eastern / JC / Surface	JC-11-10 / 10 / 10/18/2013 / Investigation / Eastern / JC / Subsurface	JC-11-10Dup / 10 / 10/18/2013 / Duplicate / Eastern / JC / Subsurface
Volatile Organics (mg/kg) (continued)					
Chloroethane	75003	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Chloroform	67663	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Chloromethane	74873	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Cis-1,2-Dichloroethene	156592	< 0.0076	< 0.0025	0.0021 J	< 0.0028
Cis-1,3-Dichloropropene	10061015	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Dibromomethane	74953	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Dichlorodifluoromethane	75718	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Ethylbenzene	100414	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Hexachlorobutadiene	87683	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Isopropylbenzene	98828	< 0.0076	< 0.0025	< 0.0061	< 0.0028
M,P-Xylenes	179601231	< 0.015	< 0.0051	< 0.012	< 0.0057
Methyl Tert-Butyl Ether	1634044	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Methylene Chloride	75092	< 0.015	< 0.0051	< 0.012	< 0.0057
Naphthalene	91203	< 0.0076	< 0.0025	< 0.0061	< 0.0028
N-Butylbenzene	104518	< 0.0076	< 0.0025	< 0.0061	< 0.0028
N-Propylbenzene	103651	< 0.0076	< 0.0025	< 0.0061	< 0.0028
O-Xylene	95476	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Sec-Butylbenzene	135988	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Styrene	100425	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Tert-Butylbenzene	98066	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Tetrachloroethene	127184	0.0139	0.0128	0.0154	0.023
Toluene	108883	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Total Xylenes	1330207	< 0.015	< 0.0051	< 0.012	< 0.0057
Trans-1,2-Dichloroethene	156605	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Trans-1,3-Dichloropropene	10061026	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Trichloroethene	79016	< 0.0076	0.00099 J	< 0.0061	0.0012 J
Trichlorofluoromethane	75694	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Vinyl Acetate	108054	< 0.038	< 0.013	< 0.031	< 0.014
Vinyl Chloride	75014	< 0.0076	< 0.0025	< 0.0061	< 0.0028
Dibromochloropropane (DBCP)	67708832	< 0.0076	< 0.0025	< 0.0061	< 0.0028
VOCs - Method 3810 Mod					
Benzene	71432	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-1-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-11-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-11-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-11-10Dup 10 10/18/2013 Duplicate Eastern JC Subsurface
Semi-Volatile Organics (mg/kg)					
1,2,4-Trichlorobenzene	120821	NA	< 0.17	NA	NA
1,2-Dichlorobenzene	95501	NA	< 0.17	NA	NA
1,2-Diphenylhydrazine	122667	NA	< 0.17	NA	NA
1,3-Dichlorobenzene	541731	NA	< 0.17	NA	NA
1,4-Dichlorobenzene	106467	NA	< 0.17	NA	NA
1-Methylnaphthalene	90120	NA	< 0.17	NA	NA
2,4,5-Trichlorophenol	95954	NA	< 0.17	NA	NA
2,4,6-Trichlorophenol	88062	NA	< 0.17	NA	NA
2,4-Dichlorophenol	120832	NA	< 0.17	NA	NA
2,4-Dimethylphenol	105679	NA	< 0.17	NA	NA
2,4-Dinitrophenol	51285	NA	< 0.84	NA	NA
2,4-Dinitrotoluene	121142	NA	< 0.17	NA	NA
2,6-Dinitrotoluene	606202	NA	< 0.17	NA	NA
2-Chloronaphthalene	91587	NA	< 0.17	NA	NA
2-Chlorophenol	95578	NA	< 0.17	NA	NA
2-Methylnaphthalene	91576	NA	< 0.17	NA	NA
2-Methylphenol	95487	NA	< 0.17	NA	NA
2-Nitroaniline	88744	NA	< 0.17	NA	NA
2-Nitrophenol	88755	NA	< 0.17	NA	NA
3,3'-Dichlorobenzidine	91941	NA	< 0.17	NA	NA
3-Nitroaniline	99092	NA	< 0.17	NA	NA
4,6-Dinitro-2-Methylphenol	534521	NA	< 0.33	NA	NA
4-Bromophenyl Phenyl Ether	101553	NA	< 0.17	NA	NA
4-Chloro-3-Methylphenol	59507	NA	< 0.17	NA	NA
4-Chloroaniline	106478	NA	< 0.17	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	NA	< 0.17	NA	NA
4-Nitroaniline	100016	NA	< 0.17	NA	NA
4-Nitrophenol	100027	NA	< 0.84	NA	NA
Acenaphthene	83329	NA	< 0.17	NA	NA
Acenaphthylene	208968	NA	< 0.17	NA	NA
Aniline	62533	NA	< 0.17	NA	NA
Anthracene	120127	NA	< 0.17	NA	NA
Benzidine	92875	NA	< 1.7	NA	NA
Benzo(A)Anthracene	56553	NA	< 0.17	NA	NA
Benzo(A)Pyrene	50328	NA	< 0.17	NA	NA
Benzo(B)Fluoranthene	205992	NA	< 0.17	NA	NA
Benzo(G,H,I)Perylene	191242	NA	< 0.17	NA	NA
Benzo(K)Fluoranthene	207089	NA	< 0.17	NA	NA
Benzoic Acid	65850	NA	< 0.84	NA	NA
Benzyl Alcohol	100516	NA	< 0.17	NA	NA
Bis(2-Chloroethoxy)Methane	111911	NA	< 0.17	NA	NA
Bis(2-Chloroethyl)Ether	111444	NA	< 0.17	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	NA	< 0.17	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	JC-1-10	JC-11-0.5	JC-11-10	JC-11-10Dup
	Sample Depth	10	0.5	10	10
	Date Collected	10/18/2013	10/18/2013	10/18/2013	10/18/2013
	Sample Type	Investigation	Investigation	Investigation	Duplicate
	RA Area	Eastern	Eastern	Eastern	Eastern
	Area/SWMU	JC	JC	JC	JC
	Surface/subsurface	Subsurface	Surface	Subsurface	Subsurface
Semi-Volatile Organics (mg/kg) (continued)					
Bis(2-Ethylhexyl) Phthalate	117817	NA	< 0.33	NA	NA
Butyl Benzyl Phthalate	85687	NA	< 0.17	NA	NA
Carbazole	86748	NA	< 0.17	NA	NA
Chrysene	218019	NA	< 0.17	NA	NA
Dibenz(A,H)Anthracene	53703	NA	< 0.17	NA	NA
Dibenzofuran	132649	NA	< 0.17	NA	NA
Diethyl Phthalate	84662	NA	< 0.33	NA	NA
Dimethyl Phthalate	131113	NA	< 0.17	NA	NA
Di-N-Butyl Phthalate	84742	NA	< 0.33	NA	NA
Di-N-Octyl Phthalate	117840	NA	< 0.17	NA	NA
Fluoranthene	206440	NA	< 0.17	NA	NA
Fluorene	86737	NA	< 0.17	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	NA	< 0.17	NA	NA
Hexachlorobenzene	118741	NA	< 0.17	NA	NA
Hexachlorobutadiene	87683	NA	< 0.17	NA	NA
Hexachloroethane	67721	NA	< 0.17	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	NA	< 0.17	NA	NA
Isophorone	78591	NA	< 0.17	NA	NA
M-,P-Cresol Mixture	15831104	NA	< 0.17	NA	NA
Naphthalene	91203	NA	< 0.17	NA	NA
Nitrobenzene	98953	NA	< 0.17	NA	NA
N-Nitrosodimethylamine	62759	NA	< 0.33	NA	NA
N-Nitrosodi-N-Propylamine	621647	NA	< 0.17	NA	NA
N-Nitrosodiphenylamine	86306	NA	< 0.17	NA	NA
Pentachlorophenol	87865	NA	< 0.84	NA	NA
Phenanthrene	85018	NA	< 0.17	NA	NA
Phenol	108952	NA	< 0.17	NA	NA
Pyrene	129000	NA	< 0.17	NA	NA
Pyridine	110861	NA	< 0.33	NA	NA
PCBs (mg/kg)					
Pcb- 1016	12674112	NA	< 0.016	NA	NA
Pcb- 1221	11104282	NA	< 0.016	NA	NA
Pcb- 1232	11141165	NA	< 0.016	NA	NA
Pcb- 1242	53469219	NA	< 0.016	NA	NA
Pcb- 1248	12672296	NA	< 0.016	NA	NA
Pcb- 1254	11097691	NA	< 0.016	NA	NA
Pcb- 1260	11096825	NA	< 0.016	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)					
DRO (C10-C28) Range	DRO	NA	< 8.3	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-1-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-11-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-11-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-11-10Dup 10 10/18/2013 Duplicate Eastern JC Subsurface
Herbicides/Pesticides (mg/kg)					
2,4,5-T	93765	NA	0.0173 J	NA	NA
2,4-D	94757	NA	< 0.34	NA	NA
2,4-Db	94826	NA	< 0.34	NA	NA
4,4'-DDD	72548	NA	< 0.0033	NA	NA
4,4'-DDE	72559	NA	< 0.0033	NA	NA
4,4'-DDT	50293	NA	< 0.0033	NA	NA
Aldrin	309002	NA	< 0.0016	NA	NA
Alpha-BHC	319846	NA	< 0.0016	NA	NA
Beta-BHC	319857	NA	< 0.0016	NA	NA
Delta-BHC	319868	NA	< 0.0016	NA	NA
Alpha-Chlordane	5103719	NA	< 0.0016	NA	NA
Dalapon	75990	NA	< 1.7	NA	NA
Dicamba	1918009	NA	< 0.034	NA	NA
Dichoroprop	120365	NA	< 0.34	NA	NA
Dieldrin	60571	NA	< 0.0016	NA	NA
Dinoseb	88857	NA	< 0.84	NA	NA
Endosulfan I	959988	NA	< 0.0016	NA	NA
Endosulfan II	33213659	NA	< 0.0016	NA	NA
Endosulfan sulfate	1031078	NA	< 0.0033	NA	NA
Endrin	72208	NA	< 0.0033	NA	NA
Endrin aldehyde	7421934	NA	< 0.0033	NA	NA
Endrin ketone	53494705	NA	< 0.0033	NA	NA
Gamma-BHC	58899	NA	< 0.0016	NA	NA
Gamma-Chlordane	5103742	NA	< 0.0016	NA	NA
Heptachlor	76448	NA	< 0.0016	NA	NA
Heptachlor epoxide	1024573	NA	< 0.0016	NA	NA
Mcpa	94746	NA	< 34	NA	NA
Mcpp	93652	NA	< 34	NA	NA
Methoxychlor	72435	NA	< 0.0033	NA	NA
Pentachlorophenol	87865	NA	< 0.034	NA	NA
Silvex (2,4,5-TP)	93721	NA	< 0.034	NA	NA
Toxaphene	8001352	NA	< 0.082	NA	NA
Total Metals (mg/kg)					
Aluminum	7429905	NA	870	NA	NA
Antimony	7440360	NA	< 4.7	NA	NA
Arsenic	7440382	NA	< 2.4	NA	NA
Barium	7440393	NA	< 47	NA	NA
Beryllium	7440417	NA	< 1.2	NA	NA
Boron	7440428	NA	NA	NA	NA
Cadmium	7440439	NA	< 0.95	NA	NA
Calcium	7440702	NA	1240	NA	NA
Chromium	7440473	NA	< 2.4	NA	NA
Cobalt	7440484	NA	< 12	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	JC-1-10	JC-11-0.5	JC-11-10	JC-11-10Dup
	Sample Depth	10	0.5	10	10
	Date Collected	10/18/2013	10/18/2013	10/18/2013	10/18/2013
	Sample Type	Investigation	Investigation	Investigation	Duplicate
	RA Area	Eastern	Eastern	Eastern	Eastern
	Area/SWMU	JC	JC	JC	JC
	Surface/subsurface	Subsurface	Surface	Subsurface	Subsurface
Total metals (mg/kg) (continued)					
Copper	7440508	NA	< 5.9	NA	NA
Iron	7439896	NA	1810	NA	NA
Lead	7439921	NA	< 4.7	NA	NA
Lithium	7439932	NA	NA	NA	NA
Manganese	7439965	NA	37.599998	NA	NA
Magnesium	7439954	NA	< 1200	NA	NA
Mercury	7439976	NA	< 0.04	NA	NA
Molybdenum	7439987	NA	< 12	NA	NA
Nickel	7440020	NA	< 9.5	NA	NA
Potassium	7440097	NA	< 2400	NA	NA
Selenium	7782492	NA	< 4.7	NA	NA
Silver	7440224	NA	< 2.4	NA	NA
Sodium	7440235	NA	< 2400	NA	NA
Strontium (Total)	7440246	NA	7.1	NA	NA
Thallium	7440280	NA	< 2.4	NA	NA
Tin	7440315	NA	< 12	NA	NA
Titanium	7440326	NA	48.099998	NA	NA
Vanadium	7440622	NA	< 12	NA	NA
Zinc	7440666	NA	7.7	NA	NA
Other Parameters					
PH	PH	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification	JC-11-15	JC-11-2	JC-11-5	JC-1-15	JC-11-INT	JC-1-2	JC-12-0.5
Sample Depth	15	2	5	15	22	2	0.5
Date Collected	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU	JC	JC	JC	JC	JC	JC	JC
Surface/subsurface	Subsurface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Constituent / CAS No.							
Volatile Organics (mg/kg)							
1,1,1,2-Tetrachloroethane 630206	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,1,1-Trichloroethane 71556	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,1,2,2-Tetrachloroethane 79345	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,1,2-Trichloroethane 79005	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,1-Dichloroethane 75343	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,1-Dichloroethene 75354	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,1-Dichloropropene 563586	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2,3-Trichlorobenzene 87616	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2,3-Trichloropropane 96184	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2,4-Trichlorobenzene 120821	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2,4-Trimethylbenzene 95636	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2-Dibromoethane 106934	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2-Dichlorobenzene 95501	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2-Dichloroethane 107062	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,2-Dichloroethene, Total 540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane 78875	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,3,5-Trimethylbenzene 108678	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,3-Dichlorobenzene 541731	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,3-Dichloropropane 142289	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,4-Dichlorobenzene 106467	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
1,4-Dioxane 123911	NA	< 0.18	< 0.2	< 0.3	< 0.2	< 0.18	< 0.23
2,2-Dichloropropane 594207	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
2-Butanone 78933	NA	< 0.023	< 0.025	< 0.037	< 0.025	< 0.023	< 0.028
2-Chloroethyl Vinyl Ether 110758	NA	< 0.023	< 0.025	< 0.037	< 0.025	< 0.023	< 0.028
2-Chlorotoluene 95498	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
2-Hexanone (methyl butyl ketone) 591786	NA	< 0.023	< 0.025	< 0.037	< 0.025	< 0.023	< 0.028
3-Chloro-1,2-Dibromopropane 96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene 106434	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
4-Isopropyltoluene 99876	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
4-Methyl-2-Pentanone 108101	NA	< 0.023	< 0.025	< 0.037	< 0.025	< 0.023	< 0.028
Acetone 67641	NA	0.0204 J	< 0.051	0.0424 J	< 0.051	< 0.045	< 0.056
Acrolein 107028	NA	< 0.023	< 0.025	< 0.037	< 0.025	< 0.023	< 0.028
Acrylonitrile 107131	NA	< 0.023	< 0.025	< 0.037	< 0.025	< 0.023	< 0.028
Benzene 71432	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Bromobenzene 108861	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Bromochloromethane 74975	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Bromodichloromethane 75274	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Bromoform 75252	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Bromomethane 74839	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Carbon Disulfide 75150	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Carbon Tetrachloride 56235	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Chlorobenzene 108907	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Dibromochloromethane 124481	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		JC-11-15	JC-11-2	JC-11-5	JC-1-15	JC-11-INT	JC-1-2	JC-12-0.5
Sample Depth		15	2	5	15	22	2	0.5
Date Collected		10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		JC	JC	JC	JC	JC	JC	JC
Surface/subsurface		Subsurface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Constituent	CAS No.							
Volatile Organics (mg/kg) (continued)								
Chloroethane	75003	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Chloroform	67663	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Chloromethane	74873	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Cis-1,2-Dichloroethene	156592	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Cis-1,3-Dichloropropene	10061015	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Dibromomethane	74953	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Dichlorodifluoromethane	75718	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Ethylbenzene	100414	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Hexachlorobutadiene	87683	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Isopropylbenzene	98828	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
M,P-Xylenes	179601231	NA	< 0.0092	< 0.01	< 0.015	< 0.01	< 0.009	< 0.011
Methyl Tert-Butyl Ether	1634044	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Methylene Chloride	75092	NA	< 0.0092	< 0.01	< 0.015	< 0.01	< 0.009	< 0.011
Naphthalene	91203	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
N-Butylbenzene	104518	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
N-Propylbenzene	103651	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
O-Xylene	95476	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Sec-Butylbenzene	135988	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Styrene	100425	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Tert-Butylbenzene	98066	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Tetrachloroethene	127184	NA	0.0667	0.0429	< 0.0075	0.0017 J	0.0092	0.0044 J
Toluene	108883	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Total Xylenes	1330207	NA	< 0.0092	< 0.01	< 0.015	< 0.01	< 0.009	< 0.011
Trans-1,2-Dichloroethene	156605	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Trans-1,3-Dichloropropene	10061026	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Trichloroethene	79016	NA	0.0037 J	0.0019 J	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Trichlorofluoromethane	75694	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Vinyl Acetate	108054	NA	< 0.023	< 0.025	< 0.037	< 0.025	< 0.023	< 0.028
Vinyl Chloride	75014	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
Dibromochloropropane (DBCP)	67708832	NA	< 0.0046	< 0.0051	< 0.0075	< 0.0051	< 0.0045	< 0.0056
VOCs - Method 3810 Mod								
Benzene	71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127184	NA	NA	NA	NA	NA	NA	NA
Toluene	108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330207	NA	NA	NA	NA	NA	NA	NA

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-11-15 15 10/18/2013 Investigation Eastern JC Subsurface	JC-11-2 2 10/18/2013 Investigation Eastern JC Surface	JC-11-5 5 10/18/2013 Investigation Eastern JC Subsurface	JC-1-15 15 10/18/2013 Investigation Eastern JC Subsurface	JC-11-INT 22 10/18/2013 Investigation Eastern JC Subsurface	JC-1-2 2 10/18/2013 Investigation Eastern JC Surface	JC-12-0.5 0.5 10/18/2013 Investigation Eastern JC Surface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
1,2-Dichlorobenzene	95501	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
1,2-Diphenylhydrazine	122667	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
1,3-Dichlorobenzene	541731	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
1,4-Dichlorobenzene	106467	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
1-Methylnaphthalene	90120	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2,4,5-Trichlorophenol	95954	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2,4,6-Trichlorophenol	88062	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2,4-Dichlorophenol	120832	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2,4-Dimethylphenol	105679	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2,4-Dinitrophenol	51285	NA	< 0.84	NA	NA	NA	< 0.84	< 0.83
2,4-Dinitrotoluene	121142	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2,6-Dinitrotoluene	606202	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2-Chloronaphthalene	91587	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2-Chlorophenol	95578	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2-Methylnaphthalene	91576	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2-Methylphenol	95487	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2-Nitroaniline	88744	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
2-Nitrophenol	88755	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
3,3'-Dichlorobenzidine	91941	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
3-Nitroaniline	99092	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
4,6-Dinitro-2-Methylphenol	534521	NA	< 0.34	NA	NA	NA	< 0.33	< 0.33
4-Bromophenyl Phenyl Ether	101553	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
4-Chloro-3-Methylphenol	59507	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
4-Chloroaniline	106478	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
4-Chlorophenyl Phenyl Ether	7005723	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
4-Nitroaniline	100016	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
4-Nitrophenol	100027	NA	< 0.84	NA	NA	NA	< 0.84	< 0.83
Acenaphthene	83329	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Acenaphthylene	208968	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Aniline	62533	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Anthracene	120127	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Benzidine	92875	NA	< 1.7	NA	NA	NA	< 1.7	< 1.7
Benzo(A)Anthracene	56553	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Benzo(A)Pyrene	50328	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Benzo(B)Fluoranthene	205992	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Benzo(G,H,I)Perylene	191242	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Benzo(K)Fluoranthene	207089	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Benzoic Acid	65850	NA	< 0.84	NA	NA	NA	< 0.84	< 0.83
Benzyl Alcohol	100516	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Bis(2-Chloroethoxy)Methane	111911	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Bis(2-Chloroethyl)Ether	111444	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Bis(2-Chloroisopropyl)Ether	108601	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17

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Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		JC-11-15	JC-11-2	JC-11-5	JC-1-15	JC-11-INT	JC-1-2	JC-12-0.5
Sample Depth		15	2	5	15	22	2	0.5
Date Collected		10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		JC	JC	JC	JC	JC	JC	JC
Surface/subsurface		Subsurface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Constituent	CAS No.							
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	NA	< 0.34	NA	NA	NA	< 0.33	< 0.33
Butyl Benzyl Phthalate	85687	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Carbazole	86748	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Chrysene	218019	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Dibenz(A,H)Anthracene	53703	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Dibenzofuran	132649	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Diethyl Phthalate	84662	NA	< 0.34	NA	NA	NA	< 0.33	< 0.33
Dimethyl Phthalate	131113	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Di-N-Butyl Phthalate	84742	NA	< 0.34	NA	NA	NA	< 0.33	< 0.33
Di-N-Octyl Phthalate	117840	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Fluoranthene	206440	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Fluorene	86737	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Hexachloro-1,3-Cyclopentadiene	77474	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Hexachlorobenzene	118741	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Hexachlorobutadiene	87683	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Hexachloroethane	67721	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Indeno(1,2,3-Cd)Pyrene	193395	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Isophorone	78591	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
M-,P-Cresol Mixture	15831104	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Naphthalene	91203	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Nitrobenzene	98953	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
N-Nitrosodimethylamine	62759	NA	< 0.34	NA	NA	NA	< 0.33	< 0.33
N-Nitrosodi-N-Propylamine	621647	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
N-Nitrosodiphenylamine	86306	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Pentachlorophenol	87865	NA	< 0.84	NA	NA	NA	< 0.84	< 0.83
Phenanthrene	85018	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Phenol	108952	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Pyrene	129000	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17
Pyridine	110861	NA	< 0.34	NA	NA	NA	< 0.33	< 0.33
PCBs (mg/kg)								
Pcb- 1016	12674112	NA	< 0.017	NA	NA	NA	< 0.017	< 0.017
Pcb- 1221	11104282	NA	< 0.017	NA	NA	NA	< 0.017	< 0.017
Pcb- 1232	11141165	NA	< 0.017	NA	NA	NA	< 0.017	< 0.017
Pcb- 1242	53469219	NA	< 0.017	NA	NA	NA	< 0.017	< 0.017
Pcb- 1248	12672296	NA	< 0.017	NA	NA	NA	< 0.017	< 0.017
Pcb- 1254	11097691	NA	< 0.017	NA	NA	NA	< 0.017	0.0084 J
Pcb- 1260	11096825	NA	< 0.017	NA	NA	NA	< 0.017	< 0.017
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	NA	3.32 J	NA	NA	NA	< 8.4	< 12

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-11-15 15 10/18/2013 Investigation Eastern JC Subsurface	JC-11-2 2 10/18/2013 Investigation Eastern JC Surface	JC-11-5 5 10/18/2013 Investigation Eastern JC Subsurface	JC-1-15 15 10/18/2013 Investigation Eastern JC Subsurface	JC-11-INT 22 10/18/2013 Investigation Eastern JC Subsurface	JC-1-2 2 10/18/2013 Investigation Eastern JC Surface	JC-12-0.5 0.5 10/18/2013 Investigation Eastern JC Surface
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	NA	0.0151 J	NA	NA	NA	< 0.034	< 0.033
2,4-D	94757	NA	< 0.34	NA	NA	NA	< 0.34	< 0.33
2,4-Db	94826	NA	< 0.34	NA	NA	NA	< 0.34	< 0.33
4,4'-DDD	72548	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
4,4'-DDE	72559	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
4,4'-DDT	50293	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
Aldrin	309002	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Alpha-BHC	319846	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Beta-BHC	319857	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Delta-BHC	319868	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Alpha-Chlordane	5103719	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Dalapon	75990	NA	< 1.7	NA	NA	NA	0.52 J	< 1.6
Dicamba	1918009	NA	< 0.034	NA	NA	NA	< 0.034	< 0.033
Dichoroprop	120365	NA	< 0.34	NA	NA	NA	< 0.34	< 0.33
Dieldrin	60571	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Dinoseb	88857	NA	< 0.85	NA	NA	NA	< 0.84 R	< 0.82 R
Endosulfan I	959988	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Endosulfan II	33213659	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Endosulfan sulfate	1031078	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
Endrin	72208	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
Endrin aldehyde	7421934	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
Endrin ketone	53494705	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
Gamma-BHC	58899	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Gamma-Chlordane	5103742	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Heptachlor	76448	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Heptachlor epoxide	1024573	NA	< 0.0016	NA	NA	NA	< 0.0017	< 0.0017
Mcpa	94746	NA	< 34	NA	NA	NA	< 34	< 33
Mcpp	93652	NA	< 34	NA	NA	NA	< 34	< 33
Methoxychlor	72435	NA	< 0.0033	NA	NA	NA	< 0.0034	< 0.0034
Pentachlorophenol	87865	NA	< 0.034	NA	NA	NA	< 0.034	< 0.033
Silvex (2,4,5-TP)	93721	NA	< 0.034	NA	NA	NA	< 0.034	< 0.033
Toxaphene	8001352	NA	< 0.082	NA	NA	NA	< 0.084	< 0.084
Total Metals (mg/kg)								
Aluminum	7429905	NA	890	NA	NA	NA	983	971
Antimony	7440360	NA	< 3.9	NA	NA	NA	< 5.1	< 3.9
Arsenic	7440382	NA	< 1.9	NA	NA	NA	< 2.5	< 1.9
Barium	7440393	NA	< 39	NA	NA	NA	< 51	< 39
Beryllium	7440417	NA	< 0.97	NA	NA	NA	< 1.3	< 0.97
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	NA	< 0.77	NA	NA	NA	< 1	< 0.78
Calcium	7440702	NA	1410	NA	NA	NA	< 1300	1420
Chromium	7440473	NA	< 1.9	NA	NA	NA	< 2.5	< 1.9
Cobalt	7440484	NA	< 9.7	NA	NA	NA	< 13	< 9.7

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	JC-11-15	JC-11-2	JC-11-5	JC-1-15	JC-11-INT	JC-1-2	JC-12-0.5
	Sample Depth	15	2	5	15	22	2	0.5
	Date Collected	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
	Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
	RA Area	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
	Area/SWMU	JC	JC	JC	JC	JC	JC	JC
	Surface/subsurface	Subsurface	Surface	Subsurface	Subsurface	Subsurface	Surface	Surface
Total Metals (mg/kg) (continued)								
Copper	7440508	NA	< 4.8	NA	NA	NA	< 6.3	< 4.9
Iron	7439896	NA	1760	NA	NA	NA	2070	1960
Lead	7439921	NA	< 3.9	NA	NA	NA	< 5.1	< 3.9
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	NA	43.400002	NA	NA	NA	22.1	38.099998
Magnesium	7439954	NA	< 970	NA	NA	NA	< 1300	< 970
Mercury	7439976	NA	< 0.04	NA	NA	NA	< 0.037	< 0.039
Molybdenum	7439987	NA	< 9.7	NA	NA	NA	< 13	< 9.7
Nickel	7440020	NA	< 7.7	NA	NA	NA	< 10	< 7.8
Potassium	7440097	NA	< 1900	NA	NA	NA	< 2500	< 1900
Selenium	7782492	NA	< 3.9	NA	NA	NA	< 5.1	< 3.9
Silver	7440224	NA	< 1.9	NA	NA	NA	< 2.5	< 1.9
Sodium	7440235	NA	< 1900	NA	NA	NA	< 2500	< 1900
Strontium (Total)	7440246	NA	8.3	NA	NA	NA	7.1	9.3
Thallium	7440280	NA	< 1.9	NA	NA	NA	< 2.5	< 1.9
Tin	7440315	NA	< 9.7	NA	NA	NA	< 13	< 9.7
Titanium	7440326	NA	49.799999	NA	NA	NA	39.299999	53.099998
Vanadium	7440622	NA	< 9.7	NA	NA	NA	< 13	< 9.7
Zinc	7440666	NA	8.8	NA	NA	NA	6.5	8.3
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	1000	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-12-2 2 10/18/2013 Investigation Eastern JC Surface	JC-13-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-13-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-13-15 15 10/18/2013 Investigation Eastern JC Subsurface	JC-13-2 2 10/18/2013 Investigation Eastern JC Surface	JC-13-5 5 10/18/2013 Investigation Eastern JC Subsurface	JC-13-INT 20.9 10/18/2013 Investigation Eastern JC Subsurface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,1,1-Trichloroethane	71556	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,1,2,2-Tetrachloroethane	79345	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,1,2-Trichloroethane	79005	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,1-Dichloroethane	75343	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,1-Dichloroethene	75354	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,1-Dichloropropene	563586	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2,3-Trichlorobenzene	87616	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2,3-Trichloropropane	96184	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2,4-Trichlorobenzene	120821	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2,4-Trimethylbenzene	95636	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2-Dibromoethane	106934	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2-Dichlorobenzene	95501	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2-Dichloroethane	107062	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,3,5-Trimethylbenzene	108678	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,3-Dichlorobenzene	541731	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,3-Dichloropropane	142289	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,4-Dichlorobenzene	106467	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
1,4-Dioxane	123911	< 0.24	< 0.23	< 0.29	< 0.29	< 0.11	< 0.24	< 0.17
2,2-Dichloropropane	594207	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
2-Butanone	78933	< 0.03	< 0.028	< 0.036	< 0.036	< 0.014	< 0.031	< 0.021
2-Chloroethyl Vinyl Ether	110758	< 0.03	< 0.028	< 0.036	< 0.036	< 0.014	< 0.031	< 0.021
2-Chlorotoluene	95498	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
2-Hexanone (methyl butyl ketone)	591786	< 0.03	< 0.028	< 0.036	< 0.036	< 0.014	< 0.031	< 0.021
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
4-Isopropyltoluene	99876	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
4-Methyl-2-Pentanone	108101	< 0.03	< 0.028	< 0.036	< 0.036	< 0.014	< 0.031	< 0.021
Acetone	67641	< 0.06	0.0499 J	< 0.072	< 0.072	0.0167 J	< 0.061	0.0175 J
Acrolein	107028	< 0.03	< 0.028	< 0.036	< 0.036	< 0.014	< 0.031	< 0.021
Acrylonitrile	107131	< 0.03	< 0.028	< 0.036	< 0.036	< 0.014	< 0.031	< 0.021
Benzene	71432	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Bromobenzene	108861	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Bromochloromethane	74975	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Bromodichloromethane	75274	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Bromoform	75252	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Bromomethane	74839	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Carbon Disulfide	75150	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Carbon Tetrachloride	56235	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Chlorobenzene	108907	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Dibromochloromethane	124481	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification	JC-12-2	JC-13-0.5	JC-13-10	JC-13-15	JC-13-2	JC-13-5	JC-13-INT
Sample Depth	2	0.5	10	15	2	5	20.9
Date Collected	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU	JC	JC	JC	JC	JC	JC	JC
Surface/subsurface	Surface	Surface	Subsurface	Subsurface	Surface	Subsurface	Subsurface
Constituent / CAS No.							
Volatile Organics (mg/kg) (continued)							
Chloroethane 75003	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Chloroform 67663	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Chloromethane 74873	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Cis-1,2-Dichloroethene 156592	< 0.006	< 0.0057	< 0.0072	0.0076	< 0.0027	< 0.0061	< 0.0043
Cis-1,3-Dichloropropene 10061015	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Dibromomethane 74953	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Dichlorodifluoromethane 75718	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Ethylbenzene 100414	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Hexachlorobutadiene 87683	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Isopropylbenzene 98828	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
M,P-Xylenes 179601231	< 0.012	< 0.011	< 0.014	< 0.014	< 0.0055	< 0.012	< 0.0085
Methyl Tert-Butyl Ether 1634044	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027 R	< 0.0061	< 0.0043
Methylene Chloride 75092	< 0.012	< 0.011	< 0.014	< 0.014	< 0.0055	< 0.012	< 0.0085
Naphthalene 91203	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
N-Butylbenzene 104518	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
N-Propylbenzene 103651	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
O-Xylene 95476	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Sec-Butylbenzene 135988	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Styrene 100425	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Tert-Butylbenzene 98066	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Tetrachloroethene 127184	0.009	0.0186	0.0109	0.0225	0.0107	0.0121	< 0.0043
Toluene 108883	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Total Xylenes 1330207	< 0.012	< 0.011	< 0.014	< 0.014	< 0.0055	< 0.012	< 0.0085
Trans-1,2-Dichloroethene 156605	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Trans-1,3-Dichloropropene 10061026	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Trichloroethene 79016	< 0.006	< 0.0057	< 0.0072	0.0023 J	< 0.0027	< 0.0061	< 0.0043
Trichlorofluoromethane 75694	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Vinyl Acetate 108054	< 0.03	< 0.028	< 0.036	< 0.036	< 0.014	< 0.031	< 0.021
Vinyl Chloride 75014	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
Dibromochloropropane (DBCP) 67708832	< 0.006	< 0.0057	< 0.0072	< 0.0072	< 0.0027	< 0.0061	< 0.0043
VOCs - Method 3810 Mod							
Benzene 71432	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene 156592	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene 100414	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene 127184	NA	NA	NA	NA	NA	NA	NA
Toluene 108883	NA	NA	NA	NA	NA	NA	NA
Trichloroethene 79016	NA	NA	NA	NA	NA	NA	NA
Total Xylenes 1330207	NA	NA	NA	NA	NA	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-12-2 2 10/18/2013 Investigation Eastern JC Surface	JC-13-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-13-10 10 10/18/2013 Investigation Eastern JC Subsurface	JC-13-15 15 10/18/2013 Investigation Eastern JC Subsurface	JC-13-2 2 10/18/2013 Investigation Eastern JC Surface	JC-13-5 5 10/18/2013 Investigation Eastern JC Subsurface	JC-13-INT 20.9 10/18/2013 Investigation Eastern JC Subsurface
Semi-Volatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	120821	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
1,2-Dichlorobenzene	95501	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
1,2-Diphenylhydrazine	122667	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
1,3-Dichlorobenzene	541731	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
1,4-Dichlorobenzene	106467	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
1-Methylnaphthalene	90120	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2,4,5-Trichlorophenol	95954	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2,4,6-Trichlorophenol	88062	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2,4-Dichlorophenol	120832	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2,4-Dimethylphenol	105679	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2,4-Dinitrophenol	51285	< 0.85	< 0.84	NA	NA	< 0.84	NA	NA
2,4-Dinitrotoluene	121142	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2,6-Dinitrotoluene	606202	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2-Chloronaphthalene	91587	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2-Chlorophenol	95578	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2-Methylnaphthalene	91576	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2-Methylphenol	95487	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2-Nitroaniline	88744	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
2-Nitrophenol	88755	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
3,3'-Dichlorobenzidine	91941	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
3-Nitroaniline	99092	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
4,6-Dinitro-2-Methylphenol	534521	< 0.34	< 0.34	NA	NA	< 0.33	NA	NA
4-Bromophenyl Phenyl Ether	101553	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
4-Chloro-3-Methylphenol	59507	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
4-Chloroaniline	106478	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
4-Chlorophenyl Phenyl Ether	7005723	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
4-Nitroaniline	100016	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
4-Nitrophenol	100027	< 0.85	< 0.84	NA	NA	< 0.84	NA	NA
Acenaphthene	83329	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Acenaphthylene	208968	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Aniline	62533	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Anthracene	120127	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Benzidine	92875	< 1.7	< 1.7	NA	NA	< 1.7	NA	NA
Benzo(A)Anthracene	56553	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Benzo(A)Pyrene	50328	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Benzo(B)Fluoranthene	205992	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Benzo(G,H,I)Perylene	191242	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Benzo(K)Fluoranthene	207089	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Benzoic Acid	65850	< 0.85	< 0.84	NA	NA	< 0.84	NA	NA
Benzyl Alcohol	100516	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Bis(2-Chloroethoxy)Methane	111911	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Bis(2-Chloroethyl)Ether	111444	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Bis(2-Chloroisopropyl)Ether	108601	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	JC-12-2 / 2 / 10/18/2013 / Investigation / Eastern / JC / Surface	JC-13-0.5 / 0.5 / 10/18/2013 / Investigation / Eastern / JC / Surface	JC-13-10 / 10 / 10/18/2013 / Investigation / Eastern / JC / Subsurface	JC-13-15 / 15 / 10/18/2013 / Investigation / Eastern / JC / Subsurface	JC-13-2 / 2 / 10/18/2013 / Investigation / Eastern / JC / Surface	JC-13-5 / 5 / 10/18/2013 / Investigation / Eastern / JC / Subsurface	JC-13-INT / 20.9 / 10/18/2013 / Investigation / Eastern / JC / Subsurface
Semi-Volatile Organics (mg/kg) (continued)								
Bis(2-Ethylhexyl) Phthalate	117817	< 0.34	< 0.34	NA	NA	< 0.33	NA	NA
Butyl Benzyl Phthalate	85687	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Carbazole	86748	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Chrysene	218019	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Dibenz(A,H)Anthracene	53703	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Dibenzofuran	132649	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Diethyl Phthalate	84662	< 0.34	< 0.34	NA	NA	< 0.33	NA	NA
Dimethyl Phthalate	131113	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Di-N-Butyl Phthalate	84742	< 0.34	< 0.34	NA	NA	< 0.33	NA	NA
Di-N-Octyl Phthalate	117840	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Fluoranthene	206440	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Fluorene	86737	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Hexachloro-1,3-Cyclopentadiene	77474	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Hexachlorobenzene	118741	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Hexachlorobutadiene	87683	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Hexachloroethane	67721	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Indeno(1,2,3-Cd)Pyrene	193395	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Isophorone	78591	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
M-,P-Cresol Mixture	15831104	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Naphthalene	91203	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Nitrobenzene	98953	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
N-Nitrosodimethylamine	62759	< 0.34	< 0.34	NA	NA	< 0.33	NA	NA
N-Nitrosodi-N-Propylamine	621647	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
N-Nitrosodiphenylamine	86306	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Pentachlorophenol	87865	< 0.85	< 0.84	NA	NA	< 0.84	NA	NA
Phenanthrene	85018	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Phenol	108952	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Pyrene	129000	< 0.17	< 0.17	NA	NA	< 0.17	NA	NA
Pyridine	110861	< 0.34	< 0.34	NA	NA	< 0.33	NA	NA
PCBs (mg/kg)								
Pcb- 1016	12674112	< 0.017	< 0.017	NA	NA	< 0.017	NA	NA
Pcb- 1221	11104282	< 0.017	< 0.017	NA	NA	< 0.017	NA	NA
Pcb- 1232	11141165	< 0.017	< 0.017	NA	NA	< 0.017	NA	NA
Pcb- 1242	53469219	< 0.017	< 0.017	NA	NA	< 0.017	NA	NA
Pcb- 1248	12672296	< 0.017	< 0.017	NA	NA	< 0.017	NA	NA
Pcb- 1254	11097691	< 0.017	< 0.017	NA	NA	< 0.017	NA	NA
Pcb- 1260	11096825	< 0.017	< 0.017	NA	NA	< 0.017	NA	NA
Total Petroleum Hydrocarbons (TPH) (mg/kg)								
DRO (C10-C28) Range	DRO	< 8.4	< 8.3	NA	NA	< 8.3	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Sample Identification		JC-12-2	JC-13-0.5	JC-13-10	JC-13-15	JC-13-2	JC-13-5	JC-13-INT
Sample Depth		2	0.5	10	15	2	5	20.9
Date Collected		10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		JC	JC	JC	JC	JC	JC	JC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Surface	Subsurface	Subsurface
Constituent	CAS No.							
Herbicides/Pesticides (mg/kg)								
2,4,5-T	93765	< 0.034	< 0.034	NA	NA	0.0155 J	NA	NA
2,4-D	94757	< 0.34	< 0.34	NA	NA	< 0.34	NA	NA
2,4-Db	94826	< 0.34	< 0.34	NA	NA	< 0.34	NA	NA
4,4'-DDD	72548	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
4,4'-DDE	72559	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
4,4'-DDT	50293	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
Aldrin	309002	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Alpha-BHC	319846	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Beta-BHC	319857	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Delta-BHC	319868	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Alpha-Chlordane	5103719	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Dalapon	75990	0.521 J	< 1.7	NA	NA	< 1.7	NA	NA
Dicamba	1918009	< 0.034	< 0.034	NA	NA	< 0.034	NA	NA
Dichoroprop	120365	< 0.34	< 0.34	NA	NA	< 0.34	NA	NA
Dieldrin	60571	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Dinoseb	88857	< 0.84 R	< 0.84	NA	NA	< 0.85	NA	NA
Endosulfan I	959988	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Endosulfan II	33213659	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Endosulfan sulfate	1031078	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
Endrin	72208	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
Endrin aldehyde	7421934	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
Endrin ketone	53494705	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
Gamma-BHC	58899	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Gamma-Chlordane	5103742	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Heptachlor	76448	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Heptachlor epoxide	1024573	< 0.0017	< 0.0017	NA	NA	< 0.0017	NA	NA
Mcpa	94746	< 34	< 34	NA	NA	< 34	NA	NA
Mcpp	93652	< 34	< 34	NA	NA	< 34	NA	NA
Methoxychlor	72435	< 0.0034	< 0.0034	NA	NA	< 0.0033	NA	NA
Pentachlorophenol	87865	< 0.034	< 0.034	NA	NA	< 0.034	NA	NA
Silvex (2,4,5-TP)	93721	< 0.034	< 0.034	NA	NA	< 0.034	NA	NA
Toxaphene	8001352	< 0.085	< 0.086	NA	NA	< 0.083	NA	NA
Total Metals (mg/kg)								
Aluminum	7429905	1210	895	NA	NA	859	NA	NA
Antimony	7440360	< 4.5	< 3.3	NA	NA	< 4	NA	NA
Arsenic	7440382	< 2.2	< 1.7	NA	NA	< 2	NA	NA
Barium	7440393	< 45	< 33	NA	NA	< 40	NA	NA
Beryllium	7440417	< 1.1	< 0.83	NA	NA	< 1	NA	NA
Boron	7440428	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440439	< 0.9	< 0.67	NA	NA	< 0.81	NA	NA
Calcium	7440702	1690	1580	NA	NA	< 1000	NA	NA
Chromium	7440473	< 2.2	< 1.7	NA	NA	< 2	NA	NA
Cobalt	7440484	< 11	10.4	NA	NA	< 10	NA	NA

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification / Sample Depth / Date Collected / Sample Type / RA Area / Area/SWMU / Surface/subsurface / CAS No.	JC-12-2	JC-13-0.5	JC-13-10	JC-13-15	JC-13-2	JC-13-5	JC-13-INT
Sample Depth		2	0.5	10	15	2	5	20.9
Date Collected		10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Sample Type		Investigation	Investigation	Investigation	Investigation	Investigation	Investigation	Investigation
RA Area		Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Area/SWMU		JC	JC	JC	JC	JC	JC	JC
Surface/subsurface		Surface	Surface	Subsurface	Subsurface	Surface	Subsurface	Subsurface
Total Metals (mg/kg) (continued)								
Copper	7440508	< 5.6	7.5	NA	NA	< 5.1	NA	NA
Iron	7439896	2330	1850	NA	NA	1820	NA	NA
Lead	7439921	< 4.5	< 3.3	NA	NA	< 4	NA	NA
Lithium	7439932	NA	NA	NA	NA	NA	NA	NA
Manganese	7439965	48.099998	36.099998	NA	NA	32.700001	NA	NA
Magnesium	7439954	< 1100	< 830	NA	NA	< 1000	NA	NA
Mercury	7439976	< 0.039	< 0.038	NA	NA	< 0.037	NA	NA
Molybdenum	7439987	< 11	< 8.3	NA	NA	< 10	NA	NA
Nickel	7440020	< 9	< 6.7	NA	NA	< 8.1	NA	NA
Potassium	7440097	< 2200	< 1700	NA	NA	< 2000	NA	NA
Selenium	7782492	< 4.5	< 3.3	NA	NA	< 4	NA	NA
Silver	7440224	< 2.2	< 1.7	NA	NA	< 2	NA	NA
Sodium	7440235	< 2200	< 1700	NA	NA	< 2000	NA	NA
Strontium (Total)	7440246	9.9	10.2	NA	NA	7.2	NA	NA
Thallium	7440280	< 2.2	< 1.7	NA	NA	< 2	NA	NA
Tin	7440315	< 11	< 8.3	NA	NA	< 10	NA	NA
Titanium	7440326	60	40.599998	NA	NA	44.700001	NA	NA
Vanadium	7440622	< 11	< 8.3	NA	NA	< 10	NA	NA
Zinc	7440666	9.8	8.5	NA	NA	7.6	NA	NA
Other Parameters								
PH	PH	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	1012	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Not Analyzed.
J - Estimated value.
R- Rejected value.

Table A-1

Soil Analytical Data
Clean Harbors Kansas, LLC- Wichita, Kansas

Constituent	Sample Identification Sample Depth Date Collected Sample Type RA Area Area/SWMU Surface/subsurface CAS No.	JC-14-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-14-2 2 10/18/2013 Investigation Eastern JC Surface	JC-1-5 5 10/18/2013 Investigation Eastern JC Subsurface	JC-1-INT 18 10/18/2013 Investigation Eastern JC Subsurface	JC-2-0.5 0.5 10/18/2013 Investigation Eastern JC Surface	JC-2-2 2 10/18/2013 Investigation Eastern JC Surface	JC-3-0.5 0.5 10/18/2013 Investigation Eastern JC Surface
Volatile Organics (mg/kg)								
1,1,1,2-Tetrachloroethane	630206	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,1,1-Trichloroethane	71556	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,1,2,2-Tetrachloroethane	79345	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,1,2-Trichloroethane	79005	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,1-Dichloroethane	75343	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,1-Dichloroethene	75354	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,1-Dichloropropene	563586	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2,3-Trichlorobenzene	87616	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2,3-Trichloropropane	96184	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2,4-Trichlorobenzene	120821	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2,4-Trimethylbenzene	95636	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2-Dibromoethane	106934	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2-Dichlorobenzene	95501	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2-Dichloroethane	107062	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,2-Dichloroethene, Total	540590	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78875	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,3,5-Trimethylbenzene	108678	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,3-Dichlorobenzene	541731	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,3-Dichloropropane	142289	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,4-Dichlorobenzene	106467	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
1,4-Dioxane	123911	< 0.28	0.171 J	< 0.27	< 0.28	< 0.27	NA	< 0.18
2,2-Dichloropropane	594207	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
2-Butanone	78933	< 0.034	< 0.032	< 0.034	< 0.035	< 0.034	NA	< 0.023
2-Chloroethyl Vinyl Ether	110758	< 0.034	< 0.032	< 0.034	< 0.035	< 0.034	NA	< 0.023
2-Chlorotoluene	95498	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
2-Hexanone (methyl butyl ketone)	591786	< 0.034	< 0.032	< 0.034	< 0.035	< 0.034	NA	< 0.023
3-Chloro-1,2-Dibromopropane	96128	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106434	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
4-Isopropyltoluene	99876	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
4-Methyl-2-Pentanone	108101	< 0.034	< 0.032	< 0.034	< 0.035	< 0.034	NA	< 0.023
Acetone	67641	< 0.069	< 0.064	< 0.068	0.0293 J	< 0.068	NA	0.061
Acrolein	107028	< 0.034	< 0.032	< 0.034	< 0.035	< 0.034	NA	< 0.023
Acrylonitrile	107131	< 0.034	< 0.032	< 0.034	< 0.035	< 0.034	NA	< 0.023
Benzene	71432	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Bromobenzene	108861	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Bromochloromethane	74975	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Bromodichloromethane	75274	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Bromoform	75252	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Bromomethane	74839	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Carbon Disulfide	75150	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Carbon Tetrachloride	56235	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Chlorobenzene	108907	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045
Dibromochloromethane	124481	< 0.0069	< 0.0064	< 0.0068	< 0.007	< 0.0068	NA	< 0.0045