Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	B-8/KP-SB10	B-8/KP-SB10	B-8/KP-SB10	KP-SB04	KP-SB04	KP-SB05	KP-SB05
	Field Sample ID:	KP-SB10(12-14)	KP-SB10(12-14)D	KP-SB10(3-5)	KP-SB04(10-12)	KP-SB04(14-16)	KP-SB05(11-13)	KP-SB05(14-16)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	12- 14	12- 14	3- 5	10- 12	14- 16	11- 13	14- 16
pH	SU	NA	NA	NA	NA	NA	NA	NA
Fractional Organic Carbon	%	NA	NA	NA	NA	NA	NA	NA
Organic Carbon Content	%	NA	NA	NA	NA	NA	NA	NA
Total Inorganics								
Aluminum	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cyanide	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	NA	NA	NA	NA	NA	NA	NA
TCLP Metals								
Arsenic, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver, TCLP	mg/L	NA	NA	NA	NA	NA	NA	NA

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	B-8/KP-SB10	B-8/KP-SB10	B-8/KP-SB10	KP-SB04	KP-SB04	KP-SB05	KP-SB05
	Field Sample ID:	KP-SB10(12-14)	KP-SB10(12-14)D	KP-SB10(3-5)	KP-SB04(10-12)	KP-SB04(14-16)	KP-SB05(11-13)	KP-SB05(14-16)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	12- 14	12- 14	3- 5	10- 12	14- 16	11- 13	14- 16
Pesticides								
4,4'-DDD	mg/kg	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	NA	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	mg/kg	NA	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	mg/kg	NA	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	NA	NA	NA	NA	NA	NA	NA
Toxaphene	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBS								
PCB-1016 (Aroclor 1016)	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/kg	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-D	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dalapon	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dinoseb	mg/kg	NA	NA	NA	NA	NA	NA	NA
Picloram	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	B-8/KP-SB10	B-8/KP-SB10	B-8/KP-SB10	KP-SB04	KP-SB04	KP-SB05	KP-SB05
	Field Sample ID:	KP-SB10(12-14)	KP-SB10(12-14)D	KP-SB10(3-5)	KP-SB04(10-12)	KP-SB04(14-16)	KP-SB05(11-13)	KP-SB05(14-16)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	12- 14	12- 14	3- 5	10- 12	14- 16	11- 13	14- 16
VOCs								
1,1,1,2-Tetrachloroethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,1,1-Trichloroethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,1,2,2-Tetrachloroethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,1,2-Trichloroethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,1-Dichloroethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,1-Dichloroethene	mg/kg	NA	NA	NA	0.35 J	0.18 J	0.32 J	0.081
1,1-Dichloropropene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,2,3-Trichlorobenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,2,3-Trichloropropane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,2,4-Trimethylbenzene	mg/kg	NA	NA	NA	0.018 J	0.012 J	0.012 J	0.0062 U
1,2-Dibromoethane (EDB)	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,2-Dichloroethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,2-Dichloropropane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,3,5-Trimethylbenzene	mg/kg	NA	NA	NA	0.0061 J	0.004 J	0.0036 J	0.0062 U
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,3-Dichloropropane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
1,4-Difluorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
2-Butanone (MEK)	mg/kg	NA	NA	NA	0.022 U	0.024 U	0.022 U	0.031 U
2-Chlorotoluene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
2-Hexanone	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
4-Chlorotoluene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
4-Methyl-2-pentanone (MIBK)	mg/kg	NA	NA	NA	0.022 U	0.024 U	0.022 U	0.031 U
Acetone	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
Acrolein	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
Acrylonitrile	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
Benzene	mg/kg	NA	NA	NA	0.0045 U	0.0015 J	0.0044 U	0.0062 U
Bromobenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Bromochloromethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Bromodichloromethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Bromoform	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Bromomethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Carbon disulfide	mg/kg	NA	NA	NA	0.009 U	0.0095 U	0.0089 U	0.012 U
Carbon tetrachloride	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	B-8/KP-SB10	B-8/KP-SB10	B-8/KP-SB10	KP-SB04	KP-SB04	KP-SB05	KP-SB05
	Field Sample ID:	KP-SB10(12-14)	KP-SB10(12-14)D	KP-SB10(3-5)	KP-SB04(10-12)	KP-SB04(14-16)	KP-SB05(11-13)	KP-SB05(14-16)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	12- 14	12- 14	3- 5	10- 12	14- 16	11- 13	14- 16
Chlorobenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Chloroethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Chloroform	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Chloromethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
cis-1,2-Dichloroethene	mg/kg	NA	NA	NA	2.6 J	0.28 J	6.3 J	0.19
cis-1,3-Dichloropropene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Dibromochloromethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Dibromomethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Dichlorodifluoromethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Ethyl methacrylate	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
Ethylbenzene	mg/kg	NA	NA	NA	0.008 J	0.0038 J	0.0056 J	0.0062 U
Hexachloro-1,3-butadiene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Iodomethane	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
Isopropylbenzene (Cumene)	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Methylene Chloride	mg/kg	NA	NA	NA	0.018 U	0.019 U	0.018 U	0.025 U
Methyl-tert-butyl ether	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Naphthalene, VOC	mg/kg	NA	NA	NA	0.0032 J	0.0039 J	0.0046 J	0.0062 U
n-Butylbenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
n-Hexane	mg/kg	NA	NA	NA	0.013 J	0.0079 J	0.0098 J	0.0062 U
n-Propylbenzene	mg/kg	NA	NA	NA	0.0059 J	0.0029 J	0.0037 J	0.0062 U
Pentafluorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
sec-Butylbenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Styrene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
tert-Butylbenzene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Tetrachloroethene	mg/kg	NA	NA	NA	4.1 J	0.28 J	2.7 J	0.0061 J
Toluene	mg/kg	NA	NA	NA	0.036 J	0.016 J	0.033 J	0.0031 J
trans-1,2-Dichloroethene	mg/kg	NA	NA	NA	0.028 J	0.011 J	0.036 J	0.0058 J
trans-1,3-Dichloropropene	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
trans-1,4-Dichloro-2-butene	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
Trichloroethene	mg/kg	NA	NA	NA	3,510 J	894 J	3,590 J	338
Trichlorofluoromethane	mg/kg	NA	NA	NA	0.0045 U	0.0047 U	0.0044 U	0.0062 U
Vinyl acetate	mg/kg	NA	NA	NA	0.09 U	0.095 U	0.089 U	0.12 U
Vinyl chloride	mg/kg	NA	NA	NA	0.088 J	0.41 J	0.38 J	0.23
Xylene (Total)	mg/kg	NA	NA	NA	0.033 J	0.011 J	0.022 J	0.012 U

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	B-8/KP-SB10	B-8/KP-SB10	B-8/KP-SB10	KP-SB04	KP-SB04	KP-SB05	KP-SB05
	Field Sample ID:	KP-SB10(12-14)	KP-SB10(12-14)D	KP-SB10(3-5)	KP-SB04(10-12)	KP-SB04(14-16)	KP-SB05(11-13)	KP-SB05(14-16)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	12- 14	12- 14	3- 5	10- 12	14- 16	11- 13	14- 16
SVOCs								
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	0.21	0.11	0.14	NA	NA	NA	NA
2-Methylphenol(o-Cresol)	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol(m&p Cresol)	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Bromophenylphenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	0.52	0.36	0.36	NA	NA	NA	NA
Acenaphthylene	mg/kg	0.096	0.095	0.12	NA	NA	NA	NA
Anthracene	mg/kg	1.2	0.89	0.94	NA	NA	NA	NA
Benzo(a)anthracene	mg/kg	2.2	2.1	2.4	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	2	1.9	2.2	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	1.9	2.1	2.4	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1.2	1.3	1.5	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	1.8	1.7	2	NA	NA	NA	NA
Benzyl alcohol	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2chloro1methylethyl) ether	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	B-8/KP-SB10	B-8/KP-SB10	B-8/KP-SB10	KP-SB04	KP-SB04	KP-SB05	KP-SB05
	Field Sample ID:	KP-SB10(12-14)	KP-SB10(12-14)D	KP-SB10(3-5)	KP-SB04(10-12)	KP-SB04(14-16)	KP-SB05(11-13)	KP-SB05(14-16)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	12- 14	12- 14	3- 5	10- 12	14- 16	11- 13	14- 16
bis(2-Chloroethoxy)methane	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl) ether	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	2.5	2.4	2.8	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	0.66	0.66	0.77	NA	NA	NA	NA
Dibenzofuran	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	5.1	4.7	5.2	NA	NA	NA	NA
Fluorene	mg/kg	0.67	0.43	0.44	NA	NA	NA	NA
Hexachloro-1,3-butadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	1.1	1.2	1.4	NA	NA	NA	NA
Isophorone	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	0.35	0.2	0.26	NA	NA	NA	NA
Nitrobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	4.6	3.5	3.9	NA	NA	NA	NA
Phenol	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	4.1	3.8	4.3	NA	NA	NA	NA
Petroleum Hydrocarbons								
TPH (C06-C10)	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH-DRO (C10-C28)	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	KP-SB06	KP-SB06	KP-SB07	KP-SB07	KP-SB08	KP-SB08
	Field Sample ID:	KP-SB06(10-12)	KP-SB06(14-16)	KP-SB07(8-10)	KP-SB07(14-16)	KP-SB08(4-6)	KP-SB08(15-17)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	10- 12	14- 16	8- 10	14- 16	4- 6	15- 17
pH	SU	NA	NA	NA	NA	NA	NA
Fractional Organic Carbon	%	NA	NA	NA	NA	NA	NA
Organic Carbon Content	%	NA	NA	NA	NA	NA	NA
Total Inorganics							
Aluminum	mg/kg	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	NA	NA	NA	NA	NA	NA
Barium	mg/kg	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	NA	NA	NA	NA	NA	NA
Copper	mg/kg	NA	NA	NA	NA	NA	NA
Cyanide	mg/kg	NA	NA	NA	NA	NA	NA
Iron	mg/kg	NA	NA	NA	NA	NA	NA
Lead	mg/kg	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	NA	NA	NA	NA	NA	NA
Silver	mg/kg	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	NA	NA	NA	NA	NA	NA
TCLP Metals							
Arsenic, TCLP	mg/L	NA	NA	NA	NA	NA	NA
Barium, TCLP	mg/L	NA	NA	NA	NA	NA	NA
Cadmium, TCLP	mg/L	NA	NA	NA	NA	NA	NA
Chromium, TCLP	mg/L	NA	NA	NA	NA	NA	NA
Lead, TCLP	mg/L	NA	NA	NA	NA	NA	NA
Mercury, TCLP	mg/L	NA	NA	NA	NA	NA	NA
Selenium, TCLP	mg/L	NA	NA	NA	NA	NA	NA
Silver, TCLP	mg/L	NA	NA	NA	NA	NA	NA

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	KP-SB06	KP-SB06	KP-SB07	KP-SB07	KP-SB08	KP-SB08
	Field Sample ID:	KP-SB06(10-12)	KP-SB06(14-16)	KP-SB07(8-10)	KP-SB07(14-16)	KP-SB08(4-6)	KP-SB08(15-17)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	10- 12	14- 16	8- 10	14- 16	4- 6	15- 17
Pesticides							
4,4'-DDD	mg/kg	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	mg/kg	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	mg/kg	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	NA	NA	NA	NA	NA	NA
Endrin aldehyde	mg/kg	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	NA	NA	NA	NA	NA	NA
Toxaphene	mg/kg	NA	NA	NA	NA	NA	NA
PCBS							
PCB-1016 (Aroclor 1016)	mg/kg	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/kg	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/kg	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/kg	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/kg	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/kg	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/kg	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	mg/kg	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	mg/kg	NA	NA	NA	NA	NA	NA
2,4-D	mg/kg	NA	NA	NA	NA	NA	NA
Dalapon	mg/kg	NA	NA	NA	NA	NA	NA
Dinoseb	mg/kg	NA	NA	NA	NA	NA	NA
Picloram	mg/kg	NA	NA	NA	NA	NA	NA

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	KP-SB06	KP-SB06	KP-SB07	KP-SB07	KP-SB08	KP-SB08
	Field Sample ID:	KP-SB06(10-12)	KP-SB06(14-16)	KP-SB07(8-10)	KP-SB07(14-16)	KP-SB08(4-6)	KP-SB08(15-17)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	10- 12	14- 16	8- 10	14- 16	4- 6	15- 17
VOCs							
1,1,1,2-Tetrachloroethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,1,1-Trichloroethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,1,2,2-Tetrachloroethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,1,2-Trichloroethane	mg/kg	0.0048 U	0.005 U	0.0041 J	0.0046 U	0.0045 U	0.0055 U
1,1-Dichloroethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,1-Dichloroethene	mg/kg	1.2 J	0.26	0.013	0.0046 U	0.0045 U	0.0055 U
1,1-Dichloropropene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,2,3-Trichlorobenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,2,3-Trichloropropane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,2,4-Trichlorobenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,2,4-Trimethylbenzene	mg/kg	0.05	0.028	0.0043 U	0.0046 U	4.1	0.06
1,2-Dibromoethane (EDB)	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,2-Dichlorobenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.042	0.0028 J
1,2-Dichloroethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,2-Dichloropropane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,3,5-Trimethylbenzene	mg/kg	0.018	0.011	0.0043 U	0.0046 U	0.035	0.012
1,3-Dichlorobenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,3-Dichloropropane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
1,4-Dichlorobenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0084	0.0055 U
1,4-Difluorobenzene	mg/kg	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
2-Butanone (MEK)	mg/kg	0.024 U	0.025 U	0.021 U	0.023 U	0.022 U	0.046
2-Chlorotoluene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
2-Hexanone	mg/kg	0.27	0.099 U	0.085 U	0.093 U	0.31	0.11 U
4-Chlorotoluene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
4-Methyl-2-pentanone (MIBK)	mg/kg	0.024 U	0.025 U	0.021 U	0.023 U	0.022 U	0.027 U
Acetone	mg/kg	0.096 U	0.099 U	0.085 U	0.093 U	0.16	0.093 J
Acrolein	mg/kg	0.096 U	0.099 U	0.085 U	0.093 U	0.089 U	0.11 U
Acrylonitrile	mg/kg	0.096 U	0.099 U	0.085 U	0.093 U	0.089 U	0.11 U
Benzene	mg/kg	0.0048 U	0.0039 J	0.0043 U	0.0046 U	0.0036 J	0.0055 U
Bromobenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Bromochloromethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Bromodichloromethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Bromoform	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Bromomethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Carbon disulfide	mg/kg	0.0096 U	0.0027 J	0.0085 U	0.0093 U	0.0089 U	0.011 U
Carbon tetrachloride	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	KP-SB06	KP-SB06	KP-SB07	KP-SB07	KP-SB08	KP-SB08
	Field Sample ID:	KP-SB06(10-12)	KP-SB06(14-16)	KP-SB07(8-10)	KP-SB07(14-16)	KP-SB08(4-6)	KP-SB08(15-17)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	10- 12	14- 16	8- 10	14- 16	4- 6	15- 17
Chlorobenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.092	0.0062
Chloroethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Chloroform	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Chloromethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
cis-1,2-Dichloroethene	mg/kg	22.2	22.4	31.2	0.0046 U	0.0045 U	28.1
cis-1,3-Dichloropropene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Dibromochloromethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Dibromomethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Dichlorodifluoromethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Ethyl methacrylate	mg/kg	0.096 U	0.099 U	0.085 U	0.093 U	0.089 U	0.11 U
Ethylbenzene	mg/kg	0.018	0.0073	0.0043 U	0.0046 U	0.0034 J	0.0028 J
Hexachloro-1,3-butadiene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Iodomethane	mg/kg	0.096 U	0.099 U	0.085 U	0.093 U	0.089 U	0.11 U
Isopropylbenzene (Cumene)	mg/kg	0.01	0.0036 J	0.0043 U	0.0046 U	0.041	0.0065
Methylene Chloride	mg/kg	0.019 U	0.02 U	0.017 U	0.019 U	0.018 U	0.022 U
Methyl-tert-butyl ether	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Naphthalene, VOC	mg/kg	0.0042 J	0.0027 J	0.0043 U	0.0046 U	0.039	0.004 J
n-Butylbenzene	mg/kg	0.0087	0.0032 J	0.0043 U	0.0046 U	0.048	0.0057
n-Hexane	mg/kg	0.047	0.043	0.0043 U	0.0046 U	0.5	0.05
n-Propylbenzene	mg/kg	0.012	0.0068	0.0043 U	0.0046 U	0.13	0.014
Pentafluorobenzene	mg/kg	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/kg	0.015	0.0043 J	0.0043 U	0.0046 U	0.034	0.0069
sec-Butylbenzene	mg/kg	0.0048	0.0027 J	0.0043 U	0.0046 U	0.03	0.0034 J
Styrene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
tert-Butylbenzene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Tetrachloroethene	mg/kg	3.8	0.82 J	0.0043 U	0.0046 U	0.0045 U	0.0027 J
Toluene	mg/kg	0.075	0.029	0.0043 U	0.0046 U	0.0027 J	0.0041 J
trans-1,2-Dichloroethene	mg/kg	0.18	0.12	0.12	0.0046 U	0.0045 U	0.0086
trans-1,3-Dichloropropene	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
trans-1,4-Dichloro-2-butene	mg/kg	0.096 U	0.099 U	0.085 U	0.093 U	0.089 U	0.11 U
Trichloroethene	mg/kg	4,230	1,220	68.3	0.0046 U	0.0015 J	0.11
Trichlorofluoromethane	mg/kg	0.0048 U	0.005 U	0.0043 U	0.0046 U	0.0045 U	0.0055 U
Vinyl acetate	mg/kg	0.096 U	0.099 U	0.085 U	0.093 U	0.089 U	0.11 U
Vinyl chloride	mg/kg	0.58	0.49	2	0.0046 U	0.0045 U	0.14
Xylene (Total)	mg/kg	0.072	0.026	0.0085 U	0.0093 U	0.022	0.019

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	KP-SB06	KP-SB06	KP-SB07	KP-SB07	KP-SB08	KP-SB08
	Field Sample ID:	KP-SB06(10-12)	KP-SB06(14-16)	KP-SB07(8-10)	KP-SB07(14-16)	KP-SB08(4-6)	KP-SB08(15-17)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	10- 12	14- 16	8- 10	14- 16	4- 6	15- 17
SVOCs							
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	mg/kg	NA	NA	NA	NA	NA	NA
2-Chlorophenol	mg/kg	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	NA	NA	NA	NA	NA	NA
2-Methylphenol(o-Cresol)	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA
3&4-Methylphenol(m&p Cresol)	mg/kg	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	mg/kg	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA
4-Bromophenylphenyl ether	mg/kg	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenyl ether	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl alcohol	mg/kg	NA	NA	NA	NA	NA	NA
bis(2chloro1methylethyl) ether	mg/kg	NA	NA	NA	NA	NA	NA

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Chemical Name	Location ID	KP-SB06	KP-SB06	KP-SB07	KP-SB07	KP-SB08	KP-SB08
	Field Sample ID:	KP-SB06(10-12)	KP-SB06(14-16)	KP-SB07(8-10)	KP-SB07(14-16)	KP-SB08(4-6)	KP-SB08(15-17)
	Sample Date	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012	5/29/2012
	Depth Interval (ft bgs)	10- 12	14- 16	8- 10	14- 16	4- 6	15- 17
bis(2-Chloroethoxy)methane	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl) ether	mg/kg	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	mg/kg	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	mg/kg	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	NA	NA	NA	NA	NA	NA
Diethylphthalate	mg/kg	NA	NA	NA	NA	NA	NA
Dimethylphthalate	mg/kg	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	mg/kg	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	mg/kg	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	mg/kg	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/kg	NA	NA	NA	NA	NA	NA
Hexachloroethane	mg/kg	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	NA	NA	NA	NA	NA	NA
Isophorone	mg/kg	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA
Nitrobenzene	mg/kg	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	NA	NA	NA	NA	NA	NA
Pentachlorophenol	mg/kg	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons							
TPH (C06-C10)	mg/kg	NA	NA	NA	NA	NA	5.5
TPH-DRO (C10-C28)	mg/kg	NA	NA	NA	NA	NA	31.6

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Table D-1
Soil Analytical Results
Kimball Avenue Park - 1807-15 North Kimball Avenue
Chicago, Cook County, Illinois

Notes:
% - Percent
D = Duplicate
ft bgs = Feet below ground surface
ID = Identification
J = Concentration estimated
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
NA = Not analyzed
PCB = Polychlorinated biphenyls
SU = Standard unit
SVOC = Semivolatile organic compound
TPH = Total petroleum hydrocarbons
U = Constituent not detected. Reporting limit presented.
VOC = Volatile organic compound

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Table 1: Soil Analytical Results
Limited Site Investigation
Proposed Kimbal Park
Chicago, IL
A2107017 Task 7A

	Sample Location/Identification		TB-1	TB-2	TB-2-Dup	TB-3	TB-4	TB-5	TB-5-Dup	Tier 1 Soil Remediation Objectives for Residential Properties				Soil Component of the Groundwater Ingestion Route Values
	Sample Depth (feet)		23-25	13-15	13-15	23-25	28-30	15-17	15-17					
	Date Collected		8/20/2012	8/20/2012	8/20/2012	8/21/2012	8/21/2012	8/21/2012	8/21/2012	Occupants		Construction Workers	Background	
	Units									Ingestion	Inhalation	Inhalation	Chicago	Class II
Volatile Organic Analytical Parameters														
74-87-3	Chloromethane	mg/kg	< 0.0098	< 0.0087	< 0.0094	< 0.0084	< 0.0095	--	--	310	110	1.1	---	0.68
74-83-9	Bromomethane	mg/kg	< 0.0098	< 0.0087	< 0.0094	< 0.0084	< 0.0095	--	--	110	10	3.9	---	1.2
75-01-4	Vinyl Chloride	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	0.46	0.28	---	---	0.07
75-00-3	Chloroethane	mg/kg	< 0.0098	< 0.0087	< 0.0094	< 0.0084	< 0.0095	--	--	31000	1500	94	---	70
75-09-2	Methylene Chloride	mg/kg	< 0.0098	< 0.0087	< 0.0094	< 0.0084	< 0.0095	--	--	85	13	---	---	0.2
67-64-1	Acetone	mg/kg	< 0.073	< 0.065	< 0.07	< 0.063	< 0.071	--	--	70000	100000	---	---	25
75-15-0	Carbon Disulfide	mg/kg	< 0.049	< 0.043	< 0.047	< 0.042	< 0.047	--	--	7800	720	9	---	160
75-35-4	1,1-Dichloroethene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	3900	290	3	---	0.3
75-34-3	1,1-Dichloroethane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	7800	1300	130	---	110
156-59-2	cis-1,2-Dichloroethene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	780	1200	---	---	1.1
156-60-5	trans-1,2-Dichloroethene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	1600	3100	---	---	3.4
67-66-3	Chloroform	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	100	0.3	---	---	2.9
107-06-2	1,2-Dichloroethane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	7	0.4	---	---	0.1
78-93-3	2-Butanone	mg/kg	< 0.073	< 0.065	< 0.07	< 0.063	< 0.071	--	--	47000	25000	710	---	17
71-55-6	1,1,1-Trichloroethane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	---	1200	---	---	9.6
56-23-5	Carbon Tetrachloride	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	5	0.3	---	---	0.33
75-27-4	Bromodichloromethane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	10	3000	---	---	0.6
78-87-5	1,2-Dichloropropane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	9	15	0.5	---	0.15
542-75-6	1,3-Dichloropropene (cis + trans)	mg/kg	< 0.002	< 0.0017	< 0.0019	< 0.0017	< 0.0019	--	--	6.4	1.1	0.39	---	0.02
79-01-6	Trichloroethene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	0.0049	--	--	58	5	---	---	0.3
124-48-1	Dibromochloromethane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	1600	1300	---	---	0.4
79-00-5	1,1,2-Trichloroethane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	310	1800	---	---	0.3
71-43-2	Benzene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	12	0.8	---	---	0.17
75-25-2	Bromoform	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	81	53	---	---	0.8
1634-04-4	Methyl Tertiary-Butyl Ether	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	780	8800	140	---	0.32
108-10-1	4-Methyl-2-pentanone	mg/kg	< 0.02	< 0.017	< 0.019	< 0.017	< 0.019	--	--	---	3100	340	---	2.5
591-78-6	2-Hexanone	mg/kg	< 0.02	< 0.017	< 0.019	< 0.017	< 0.019	--	--	3100	70	0.72	---	1.3
127-18-4	Tetrachloroethene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	12	11	---	---	0.3
108-88-3	Toluene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	16000	650	42	---	29
79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	4700	2000	---	---	3.3
108-90-7	Chlorobenzene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	1600	130	1.3	---	6.5
100-41-4	Ethylbenzene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	7800	400	58	---	19
100-42-5	Styrene	mg/kg	< 0.0049	< 0.0043	< 0.0047	< 0.0042	< 0.0047	--	--	16000	1500	430	---	18
1330-20-7	Xylenes (total)	mg/kg	< 0.015	< 0.013	< 0.014	< 0.013	< 0.014	--	--	16000	320	5.6	---	150
Semivolatile Organic Analytical Parameters														
108-95-2	Phenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	23000	---	---	---	100
111-44-4	bis(2-Chloroethyl) ether	mg/kg	--	--	--	--	--	< 0.21	< 0.2	0.6	0.2	---	---	0.0004
95-57-8	2-Chlorophenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	390	53000	---	---	4
95-50-1	1,2-Dichlorobenzene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	7000	560	310	---	43
541-73-1	1,3-Dichlorobenzene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	70	570	---	---	1
106-46-7	1,4-Dichlorobenzene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	---	11000	340	---	11
95-48-7	2-Methylphenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	3900	---	---	---	15
108-60-1	2,2'-oxybis (1-chloropropane)	mg/kg	--	--	--	--	--	< 0.21	< 0.2	3100	1300	---	---	2.4
106-44-5	4-Methylphenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	390	---	---	---	0.2
621-64-7	N-Nitroso-di-n-propylamine	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.09	---	---	---	0.00005
67-72-1	Hexachloroethane	mg/kg	--	--	--	--	--	< 0.21	< 0.2	78	---	---	---	2.6
98-95-3	Nitrobenzene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	39	92	9.4	---	0.1
78-59-1	Isophorone	mg/kg	--	--	--	--	--	< 0.21	< 0.2	15600	4600	---	---	8
88-75-5	2-Nitrophenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	---	---	---	---	---
105-67-9	2,4-Dimethylphenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	1600	---	---	---	9
111-91-1	bis(2-Chloroethoxy) methane	mg/kg	--	--	--	--	--	< 0.21	< 0.2	---	---	---	---	---
120-83-2	2,4-Dichlorophenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	230	---	---	---	1
120-82-1	1,2,4-Trichlorobenzene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	780	3200	920	---	53
91-20-3	Naphthalene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	1600	170	1.8	0.04	18

Table 1: Soil Analytical Results
Limited Site Investigation
Proposed Kimbal Park
Chicago, IL
A2107017 Task 7A

	Sample Location/Identification		TB-1	TB-2	TB-2-Dup	TB-3	TB-4	TB-5	TB-5-Dup	Tier 1 Soil Remediation Objectives for Residential Properties				Soil Component of the Groundwater Ingestion Route Values
	Sample Depth (feet)		23-25	13-15	13-15	23-25	28-30	15-17	15-17					
	Date Collected		8/20/2012	8/20/2012	8/20/2012	8/21/2012	8/21/2012	8/21/2012	8/21/2012	Occupants		Construction Workers	Background	
		Units								Ingestion	Inhalation	Inhalation	Chicago	Class II
106-47-8	4-Chloroaniline	mg/kg	--	--	--	--	--	< 0.21	< 0.2	310	---	---	---	0.7
87-68-3	Hexachlorobutadiene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	16	1000	180	---	15
59-50-7	4-Chloro-3-methylphenol	mg/kg	--	--	--	--	--	< 0.41	< 0.39	5500	---	---	---	120
91-57-6	2-Methylnaphthalene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	310	---	---	---	36
77-47-4	Hexachlorocyclopentadiene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	550	10	1.1	---	2200
88-06-2	2,4,6-Trichlorophenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	58	200	---	---	0.77
95-95-4	2,4,5-Trichlorophenol	mg/kg	--	--	--	--	--	< 0.21	< 0.2	7800	---	---	---	1400
91-58-7	2-Chloronaphthalene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	6300	---	---	---	240
88-74-4	2-Nitroaniline	mg/kg	--	--	--	--	--	< 0.21	< 0.2	230	35	3.6	---	0.14
131-11-3	Dimethylphthalate	mg/kg	--	--	--	--	--	< 0.21	< 0.2	780000	1300	---	---	380
208-96-8	Acenaphthylene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	2300	---	---	0.03	420
606-20-2	2,6-dinitrotoluene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.9	---	---	---	0.0007
99-09-2	3-Nitroanaline	mg/kg	--	--	--	--	--	< 0.21	< 0.2	23	250	26	---	0.01
83-32-9	Acenaphthene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	4700	---	---	0.09	2900
51-28-5	2,4-Dinitrophenol	mg/kg	--	--	--	--	--	< 1	< 0.97	160	---	---	---	0.2
100-02-7	4-Nitrophenol	mg/kg	--	--	--	--	--	< 0.41	< 0.39	630	---	---	---	---
132-64-9	Dibenzofuran	mg/kg	--	--	--	--	--	< 0.21	< 0.2	160	---	---	---	30
121-14-2	2,4-Dinitrotoluene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.9	---	---	---	0.0008
84-66-2	Diethylphthalate	mg/kg	--	--	--	--	--	< 0.21	< 0.2	63000	2000	---	---	470
7005-72-3	4-Chlorophenyl-phenyl ether	mg/kg	--	--	--	--	--	< 0.21	< 0.2	---	---	---	---	---
86-73-7	Fluorene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	3100	---	---	0.1	2800
100-01-6	4-Nitroaniline	mg/kg	--	--	--	--	--	< 0.21	< 0.2	230	1000	110	---	0.1
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	--	--	--	--	--	< 0.41	< 0.39	7.8	---	---	---	---
86-30-6	N-nitrosodiphenylamine	mg/kg	--	--	--	--	--	< 0.041	< 0.039	130	---	---	---	5.6
101-55-3	4-Bromophenyl-phenyl ether	mg/kg	--	--	--	--	--	< 0.21	< 0.2	---	---	---	---	---
118-74-1	Hexachlorobenzene	mg/kg	--	--	--	--	--	< 0.21	< 0.2	0.4	1	---	---	11
87-86-5	Pentachlorophenol	mg/kg	--	--	--	--	--	< 0.041	< 0.039	3	---	---	---	0.14
85-01-8	Phenanthrene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	2300	---	---	1.3	1000
120-12-7	Anthracene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	23000	---	---	0.25	59000
86-74-8	Carbazole	mg/kg	--	--	--	--	--	< 0.21	< 0.2	32	---	---	---	2.8
84-74-2	Di-n-butylphthalate	mg/kg	--	--	--	--	--	< 0.21	< 0.2	7800	2300	---	---	2300
206-44-0	Fluoranthene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	3100	---	---	2.7	21000
129-00-0	Pyrene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	2300	---	---	1.9	21000
85-68-7	Butylbenzylphthalate	mg/kg	--	--	--	--	--	< 0.21	< 0.2	16000	930	---	---	930
91-94-1	3,3'-Dichlorobenzidine	mg/kg	--	--	--	--	--	< 0.21	< 0.2	1	---	---	---	0.033
56-55-3	Benzo(a)anthracene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.9	---	---	1.1	8
218-01-9	Chrysene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	88	---	---	1.2	800
117-81-7	bis(2-Ethylhexyl)phthalate	mg/kg	--	--	--	--	--	< 1	< 0.97	46	31000	---	---	31000
117-84-0	Di-n-octylphthalate	mg/kg	--	--	--	--	--	< 0.21	< 0.2	1600	10000	---	---	10000
205-99-2	Benzo(b)fluoranthene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.9	---	---	1.5	25
207-08-9	Benzo(k)fluoranthene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	9	---	---	0.99	250
50-32-8	Benzo(a)pyrene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.09	---	---	1.3	82
193-39-5	Indeno(1,2,3-c,d)pyrene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.9	---	---	0.86	69
53-70-3	Dibenzo(a,h)anthracene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	0.09	---	---	0.2	7.6
191-24-2	Benzo(g,h,i)perylene	mg/kg	--	--	--	--	--	< 0.041	< 0.039	2300	---	---	0.68	130000

Table Notes

Remediation Objectives from 35 Illinois Administrative Code Chapter 742: *Tiered Approach to Corrective Action Objectives* (TACO).

Remediation Objectives for Non-TACO compounds from Illinois Environmental Protection Agency's (IEPA's) web site (http://www.epa.state.il.us/land/taco/chemicals-not-in-taco-tier-1-tables.html).

mg/L = milligrams per liter, generally equivalent to parts per million (ppm)

mg/kg = milligrams per kilogram, generally equivalent to ppm

μg/m3 = micrograms per cubic meter

TCLP = Toxicity Characteristic Leaching Procedure

SPLP = Synthetic Precipitation Leaching Procedure

Table 1

PCE, TCE and Degradation Products Exceeding C_{sat}

1807-1815 North Kimball Avenue

Chicago, Illinois

		Client Sample ID :	**DB011012**	**DB011012D (Duplicate)**	**DB011618**	**DB012224**	**DB021012**	**DB021618**	**DB022224**	**DB031012**	**DB031618**	**DB031618D (Duplicate)**
		Laboratory ID :	18110219-011	18110219-012	18110219-013	18110219-014	18110137-006	18110137-007	18110137-008	18110137-009	18110137-010	18110137-011
		Boring Location :	DB-01	DB-01	DB-01	DB-01	DB-02	DB-02	DB-02	DB-03	DB-03	DB-03
		Sample Interval :	10-12	10-12	16-18	22-24	10-12	16-18	22-24	10-12	16-18	16-18
		Date Collected :	11/07/2018 14:20	11/07/2018 14:22	11/07/2018 14:30	11/07/2018 14:35	11/05/2018 11:20	11/05/2018 11:25	11/05/2018 11:30	11/05/2018 12:10	11/05/2018 12:20	11/05/2018 12:21
	Soil Saturation Concentration (C_{sat})											
Analyte	Outdoor Inhalation(mg/kg)	Soil Component of Groundwater (mg/kg)										
1,1-Dichloroethene	3400	2500	< 0.0054	< 0.0048	< 0.0052	< 0.0042	< 0.0054	< 0.0047	< 0.0061	< 0.0046	< 0.0069	< 0.0065
cis-1,2-Dichloroethene	1300	1000	< 0.0054	< 0.0048	< 0.0052	< 0.0042	< 0.0054	< 0.0047	< 0.0061	< 0.0046	< 0.0069	< 0.0065
trans-1,2-Dichloroethene	3000	2100	< 0.0054	< 0.0048	< 0.0052	< 0.0042	< 0.0054	< 0.0047	< 0.0061	< 0.0046	< 0.0069	< 0.0065
Tetrachloroethene	800	310	< 0.0054	< 0.0048	< 0.0052	< 0.0042	< 0.0054	< 0.0047	< 0.0061	< 0.0046	< 0.0069	< 0.0065
Trichloroethene	1200	650	< 0.0054	< 0.0048	< 0.0052	< 0.0042	< 0.0054	< 0.0047	< 0.0061	< 0.0046	< 0.0069	< 0.0065
Vinyl chloride	2600	2900	< 0.0054	< 0.0048	< 0.0052	< 0.0042	< 0.0054	< 0.0047	< 0.0061	< 0.0046	< 0.0069	< 0.0065
Depth interval exceeding Csat, feet below ground surface:			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Sample results are preliminary at present, and in draft form.

Table 1 was prepared by AECOM using EDI data table.

NA = Not applicable

C_{sat} = Soil Saturation Concentration

Shaded Values exceeded C_{sat}

Values that exceed Csat for Outdoor inhalation are shown in **Bold.**

PCE = Tetrachloroethene

TCE= Trichloroethene

Table 1

PCE, TCE and Degradation Products Exceeding C_{sat}

1807-1815 North Kimball Avenue

Chicago, Illinois

		Client Sample ID :	**DB032224**	**DB041012**	**DB041618**	**DB042224**	**DB041618D (Duplicate)**	**DB052022**	**DB052426**	**DB061416**	**DB062224**	**DB071113**
		Laboratory ID :	18110137-012	18110187-018	18110187-019	18110187-020	18110187-021	18110137-004	18110137-005	18110137-013	18110137-014	18110187-006
		Boring Location :	DB-03	DB-04	DB-04	DB-04	DB-04	DB-05	DB-05	DB-06	DB-06	DB-07
		Sample Interval :	22-24	10-12	16-18	22-24	16-18	20-22	24-26	14-16	22-24	11-13
		Date Collected :	11/05/2018 12:30	11/06/2018 15:00	11/06/2018 15:10	11/06/2018 15:20	11/06/2018 15:15	11/05/2018 10:20	11/05/2018 10:30	11/05/2018 12:40	11/05/2018 12:45	11/06/2018 11:30
	Soil Saturation Concentration (C_{sat})											
Analyte	Outdoor Inhalation(mg/kg)	Soil Component of Groundwater (mg/kg)										
1,1-Dichloroethene	3400	2500	< 0.0050	< 0.0045	< 0.0049	< 0.0052	< 0.0050	< 0.0083	< 0.0050	0.0055	< 0.0056	< 0.0045
cis-1,2-Dichloroethene	1300	1000	< 0.0050	< 0.0045	< 0.0049	< 0.0052	< 0.0050	< 0.0083	< 0.0050	0.010	< 0.0056	0.010
trans-1,2-Dichloroethene	3000	2100	< 0.0050	< 0.0045	< 0.0049	< 0.0052	< 0.0050	< 0.0083	< 0.0050	< 0.0052	< 0.0056	< 0.0045
Tetrachloroethene	800	310	< 0.0050	< 0.0045	< 0.0049	< 0.0052	< 0.0050	< 0.0083	< 0.0050	< 0.0052	< 0.0056	< 0.0045
Trichloroethene	1200	650	< 0.0050	< 0.0045	< 0.0049	< 0.0052	< 0.0050	< 0.0083	< 0.0050	0.25	0.013	< 0.0045
Vinyl chloride	2600	2900	< 0.0050	< 0.0045	< 0.0049	< 0.0052	< 0.0050	< 0.0083	< 0.0050	0.29	< 0.0056	< 0.0045
Depth interval exceeding Csat, feet below ground surface:			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Sample results are preliminary at present, and in draft form.

Table 1 was prepared by AECOM using EDI data table.

NA = Not applicable

C_{sat} = Soil Saturation Concentration

Shaded Values exceeded C_{sat}

Values that exceed Csat for Outdoor inhalation are shown in **Bold.**

PCE = Tetrachloroethene

TCE= Trichloroethene

Table 1

PCE, TCE and Degradation Products Exceeding C_{sat}

1807-1815 North Kimball Avenue

Chicago, Illinois

		Client Sample ID :	**DB071618**	**DB072224**	**DB081113**	**DB081618**	**DB082224**	**DB091113**	**DB091618**	**DB092224**	**DB101820**	**DB102628**
		Laboratory ID :	18110187-007	18110187-008	18110219-008	18110219-009	18110219-010	18110137-001	18110137-002	18110137-003	18110219-001	18110219-002
		Boring Location :	DB-07	DB-07	DB-08	DB-08	DB-08	DB-09	DB-09	DB-09	DB-10	DB-10
		Sample Interval :	16-18	22-24	11-13	16-18	22-24	11-13	16-18	22-24	18-20	26-28
		Date Collected :	11/06/2018 11:35	11/06/2018 11:40	11/07/2018 13:40	11/07/2018 13:45	11/07/2018 13:50	11/05/2018 09:30	11/05/2018 09:35	11/05/2018 09:40	11/07/2018 09:00	11/07/2018 09:10
	Soil Saturation Concentration (C_{sat})											
Analyte	Outdoor Inhalation(mg/kg)	Soil Component of Groundwater (mg/kg)										
1,1-Dichloroethene	3400	2500	< 0.0050	< 0.0048	< 0.0048	< 0.0048	< 0.0043	< 28	< 0.0059	< 0.0046	< 0.0047	< 0.0043
cis-1,2-Dichloroethene	1300	1000	< 0.0050	< 0.0048	0.017	< 0.0048	< 0.0043	< 28	< 0.0059	< 0.0046	< 0.0047	< 0.0043
trans-1,2-Dichloroethene	3000	2100	< 0.0050	< 0.0048	< 0.0048	< 0.0048	< 0.0043	< 28	< 0.0059	< 0.0046	< 0.0047	< 0.0043
Tetrachloroethene	800	310	< 0.0050	< 0.0048	< 0.0048	< 0.0048	< 0.0043	< 28	< 0.0059	< 0.0046	< 0.0047	< 0.0043
Trichloroethene	1200	650	< 0.0050	< 0.0048	0.016	< 0.0048	0.0071	**2,300**	0.06	< 0.0046	0.24	0.0079
Vinyl chloride	2600	2900	< 0.0050	< 0.0048	0.029	< 0.0048	< 0.0043	< 28	< 0.0059	< 0.0046	< 0.0047	< 0.0043
Depth interval exceeding Csat, feet below ground surface:			NA	NA	NA	NA	NA	11-13	NA	NA	NA	NA

Notes:

Sample results are preliminary at present, and in draft form.

Table 1 was prepared by AECOM using EDI data table.

NA = Not applicable

C_{sat} = Soil Saturation Concentration

Shaded Values exceeded C_{sat}

Values that exceed Csat for Outdoor inhalation are shown in **Bold.**

PCE = Tetrachloroethene

TCE= Trichloroethene

Table 1

PCE, TCE and Degradation Products Exceeding C_{sat}

1807-1815 North Kimball Avenue

Chicago, Illinois

		Client Sample ID :	**DB111214**	**DB111820**	**DB112628**	**DB121214**	**DB121214D (Duplicate)**	**DB121820**	**DB122628M (MS/MSD)**	**DB131820**	**DB132426**	**DB141416**
		Laboratory ID :	18110137-015	18110137-016	18110137-017	18110137-018	18110137-019	18110137-020	18110137-021	18110219-003	18110219-004	18110187-001
		Boring Location :	DB-11	DB-11	DB-11	DB-12	DB-12	DB-12	DB-12	DB-13	DB-13	DB-14
		Sample Interval :	12-14	18-20	26-28	12-14	12-14	18-20	26-28	18-20	24-26	14-16
		Date Collected :	11/05/2018 13:15	11/05/2018 13:25	11/05/2018 13:30	11/05/2018 14:40	11/05/2018 14:42	11/05/2018 14:45	11/05/2018 14:50	11/07/2018 10:00	11/07/2018 10:10	11/06/2018 09:00
	Soil Saturation Concentration (C_{sat})											
Analyte	Outdoor Inhalation(mg/kg)	Soil Component of Groundwater (mg/kg)										
1,1-Dichloroethene	3400	2500	< 23	< 0.0050	< 0.0044	< 0.0051	< 0.0050	< 0.0051	< 0.0049	< 0.0051	< 0.0058	< 0.0049
cis-1,2-Dichloroethene	1300	1000	< 23	< 0.0050	< 0.0044	< 0.0051	< 0.0050	< 0.0051	< 0.0049	< 0.0051	< 0.0058	< 0.0049
trans-1,2-Dichloroethene	3000	2100	< 23	< 0.0050	< 0.0044	< 0.0051	< 0.0050	< 0.0051	< 0.0049	< 0.0051	< 0.0058	< 0.0049
Tetrachloroethene	800	310	< 23	< 0.0050	< 0.0044	< 0.0051	< 0.0050	< 0.0051	< 0.0049	< 0.0051	< 0.0058	< 0.0049
Trichloroethene	1200	650	**2,300**	< 0.0050	< 0.0044	< 0.0051	< 0.0050	< 0.0051	< 0.0049	0.014	0.024	< 0.0049
Vinyl chloride	2600	2900	< 23	< 0.0050	< 0.0044	< 0.0051	< 0.0050	< 0.0051	< 0.0049	< 0.0051	< 0.0058	< 0.0049
Depth interval exceeding Csat, feet below ground surface:			12-14	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Sample results are preliminary at present, and in draft form.

Table 1 was prepared by AECOM using EDI data table.

NA = Not applicable

C_{sat} = Soil Saturation Concentration

Shaded Values exceeded C_{sat}

Values that exceed Csat for Outdoor inhalation are shown in **Bold.**

PCE = Tetrachloroethene

TCE= Trichloroethene

Table 1

PCE, TCE and Degradation Products Exceeding C_{sat}

1807-1815 North Kimball Avenue

Chicago, Illinois

		Client Sample ID :	**DB141820**	**DB151012**	**DB151618**	**DB152224**	**DB161012**	**DB161618**	**DB161618D (Duplicate)**	**DB162224**	**DB171214**	**DB171618**
		Laboratory ID :	18110187-002	18110187-003	18110187-004	18110187-005	18110187-009	18110187-010	18110187-011	18110187-012	18110187-013	18110187-014
		Boring Location :	DB-14	DB-15	DB-15	DB-15	DB-16	DB-16	DB-16	DB-16	DB-17	DB-17
		Sample Interval :	18-20	10-12	16-18	22-24	10-12	16-18	16-18	22-24	12-14	16-18
		Date Collected :	11/06/2018 09:05	11/06/2018 10:50	11/06/2018 11:00	11/06/2018 11:15	11/06/2018 12:25	11/06/2018 12:30	11/06/2018 12:35	11/06/2018 12:45	11/06/2018 13:20	11/06/2018 13:25
	Soil Saturation Concentration (C_{sat})											
Analyte	Outdoor Inhalation(mg/kg)	Soil Component of Groundwater (mg/kg)										
1,1-Dichloroethene	3400	2500	< 0.0052	< 0.0055	< 0.0043	< 0.0041	< 0.0051	< 0.0045	< 0.0049	< 0.0042	< 22	< 0.0047
cis-1,2-Dichloroethene	1300	1000	< 0.0052	< 0.0055	< 0.0043	< 0.0041	< 0.0051	< 0.0045	< 0.0049	< 0.0042	< 22	< 0.0047
trans-1,2-Dichloroethene	3000	2100	< 0.0052	< 0.0055	< 0.0043	< 0.0041	< 0.0051	< 0.0045	< 0.0049	< 0.0042	< 22	< 0.0047
Tetrachloroethene	800	310	< 0.0052	< 0.0055	< 0.0043	< 0.0041	< 0.0051	< 0.0045	< 0.0049	< 0.0042	< 22	< 0.0047
Trichloroethene	1200	650	< 0.0052	< 0.0055	< 0.0043	< 0.0041	< 0.0051	< 0.0045	< 0.0049	< 0.0042	980	0.034
Vinyl chloride	2600	2900	< 0.0052	< 0.0055	< 0.0043	< 0.0041	< 0.0051	< 0.0045	< 0.0049	< 0.0042	< 22	< 0.0047
Depth interval exceeding Csat, feet below ground surface:			NA	NA	NA	NA	NA	NA	NA	NA	12-14	NA

Notes:

Sample results are preliminary at present, and in draft form.

Table 1 was prepared by AECOM using EDI data table.

NA = Not applicable

C_{sat} = Soil Saturation Concentration

Shaded Values exceeded C_{sat}

Values that exceed Csat for Outdoor inhalation are shown in **Bold.**

PCE = Tetrachloroethene

TCE= Trichloroethene

Table 1

PCE, TCE and Degradation Products Exceeding C_{sat}

1807-1815 North Kimball Avenue

Chicago, Illinois

		Client Sample ID :	**DB172224**	**DB181012**	**DB181618**	**DB182224**	**DB191416**	**DB191820**	**DB201012**	**DB201618**	**DB201618M (MS/MSD)**	**DB202426**
		Laboratory ID :	18110187-015	18110219-005	18110219-006	18110219-007	18110187-016	18110187-017	18110358-006	18110358-007	18110358-008	18110358-009
		Boring Location :	DB-17	DB-18	DB-18	DB-18	DB-19	DB-19	DB-20	DB-20	DB-20	DB-20
		Sample Interval :	22-24	10-12	16-18	22-24	14-16	18-20	10-12	16-18	16-18	24-26
		Date Collected :	11/06/2018 13:30	11/07/2018 12:30	11/07/2018 12:40	11/07/2018 12:45	11/06/2018 14:20	11/06/2018 14:25	11/08/2018 14:00	11/08/2018 14:15	11/08/2018 14:16	11/08/2018 14:30
	Soil Saturation Concentration (C_{sat})											
Analyte	Outdoor Inhalation(mg/kg)	Soil Component of Groundwater (mg/kg)										
1,1-Dichloroethene	3400	2500	< 0.0049	< 26	< 0.0046	< 0.0060	< 0.0051	< 0.0048	< 0.0048	< 0.0048	< 0.0038	< 0.0040
cis-1,2-Dichloroethene	1300	1000	< 0.0049	31	< 0.0046	< 0.0060	< 0.0051	< 0.0048	0.014	< 0.0048	< 0.0038	< 0.0040
trans-1,2-Dichloroethene	3000	2100	< 0.0049	< 26	< 0.0046	< 0.0060	< 0.0051	< 0.0048	< 0.0048	< 0.0048	< 0.0038	< 0.0040
Tetrachloroethene	800	310	< 0.0049	< 26	< 0.0046	< 0.0060	< 0.0051	< 0.0048	< 0.0048	< 0.0048	< 0.0038	< 0.0040
Trichloroethene	1200	650	< 0.0049	**3,200**	0.12	0.013	< 0.0051	< 0.0048	< 0.0048	< 0.0048	< 0.0038	< 0.0040
Vinyl chloride	2600	2900	< 0.0049	< 26	< 0.0046	< 0.0060	< 0.0051	< 0.0048	0.017	< 0.0048	< 0.0038	< 0.0040
Depth interval exceeding Csat, feet below ground surface:			NA	10-12	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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Table 1 was prepared by AECOM using EDI data table.

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Shaded Values exceeded C_{sat}

Values that exceed Csat for Outdoor inhalation are shown in **Bold.**

PCE = Tetrachloroethene

TCE= Trichloroethene

Table 1

PCE, TCE and Degradation Products Exceeding C_{sat}

1807-1815 North Kimball Avenue

Chicago, Illinois

		Client Sample ID :	**DB202426D (Duplicate)**	**DB211820**	**DB212325**	**DB221012**	**DB221618**	**DB222426**
		Laboratory ID :	18110358-010	18110358-004	18110358-005	18110358-001	18110358-002	18110358-003
		Boring Location :	DB-20	DB-21	DB-21	DB-22	DB-22	DB-22
		Sample Interval :	24-26	18-20	23-25	10-12	16-18	24-26
		Date Collected :	11/08/2018 14:31	11/08/2018 12:00	11/08/2018 12:15	11/08/2018 10:40	11/08/2018 10:50	11/08/2018 11:00
	Soil Saturation Concentration (C_{sat})							
Analyte	Outdoor Inhalation(mg/kg)	Soil Component of Groundwater (mg/kg)						
1,1-Dichloroethene	3400	2500	< 0.0038	< 0.0055	< 0.0041	< 0.0049	< 0.0048	< 0.0041
cis-1,2-Dichloroethene	1300	1000	< 0.0038	< 0.0055	< 0.0041	0.0082	< 0.0048	< 0.0041
trans-1,2-Dichloroethene	3000	2100	< 0.0038	< 0.0055	< 0.0041	< 0.0049	< 0.0048	< 0.0041
Tetrachloroethene	800	310	< 0.0038	< 0.0055	< 0.0041	< 0.0049	< 0.0048	< 0.0041
Trichloroethene	1200	650	< 0.0038	< 0.0055	< 0.0041	< 0.0049	< 0.0048	< 0.0041
Vinyl chloride	2600	2900	< 0.0038	< 0.0055	< 0.0041	0.023	< 0.0048	< 0.0041
Depth interval exceeding Csat, feet below ground surface:			NA	NA	NA	NA	NA	NA

Notes:

Sample results are preliminary at present, and in draft form.

Table 1 was prepared by AECOM using EDI data table.

NA = Not applicable

C_{sat} = Soil Saturation Concentration

Shaded Values exceeded C_{sat}

Values that exceed Csat for Outdoor inhalation are shown in **Bold.**

PCE = Tetrachloroethene

TCE= Trichloroethene

U.S. EPA BROWNFIELDS
CLEANUP GRANT APPLICATION
for 1807-1815 N. Kimball

FLEET & FACILITY MANAGEMENT

HOW DO I PARTICIPATE?

The City will be presenting at Bloomingdale Trail Park Advisory Council's quarterly meeting:

Wednesday, November 20, 2019
6:00 PM

Simons Fieldhouse
1640 N. Drake Avenue
Chicago, IL 60647

The draft grant application documents will be available starting November 15, 2019 at the following locations:

- Humboldt Park Branch Library, 1605 N. Troy Street, Chicago, IL 60647
- Logan Square Branch Library, 3030 W. Fullerton Ave, Chicago, IL 60647
- Chicago Department of Fleet and Facility Management (2FM), 30 N. LaSalle Street, Suite 300, Chicago, IL 60602 https://www.chicago.gov/city/en/depts/dgs/supp_info.html

The City of Chicago is applying for a U.S. Environmental Protection Agency (EPA) 2020 Brownfields Cleanup Grant for environmental cleanup at 1807-1815 N. Kimball Ave (the Site).

The City acquired the Site for future use as public park space. Prior to the City's ownership, the Site was occupied for nearly a century by industrial and manufacturing operations.

SITE IMPACTS

Soil and groundwater investigations have identified:

- concentrations of volatile and semi-volatile organic compounds and metals exceeding applicable state cleanup criteria across the majority of the Site.
- hot spot of trichloroethylene (TCE)* contamination in deep soil (~8 to 20 ft below the surface) beneath the eastern portion of the Site.

*TCE is a common solvent, typically used for degreasing.

GRANT SCOPE

If awarded, the grant funds will be used to reduce the TCE concentrations in the hot spot area. The recommended cleanup alternative is to apply In-Situ Chemical Oxidation (ISCO) via in-place soil mixing. ISCO uses an oxidizing compound to break down TCE in-place. Later cleanup actions to be implemented prior to or as part of redevelopment will likely include engineered barrier construction (such as clean soil, asphalt, concrete) and implementation of institutional controls.

GRANT AMOUNT: $500,000

CITY'S COST SHARE: $100,000

3 YEAR PROJECT PERIOD

APPLICATION DUE: DECEMBER 3, 2019

WRITTEN COMMENTS ACCEPTED THROUGH NOVEMBER 25, 2019
2FM, Attention of the Deputy Commissioner, Bureau of Environmental, Health & Safety Management
30 N. LaSalle Street, Suite 300, Chicago, IL, 60602
or to 2FM_EHS_Notifications@cityofchicago.org.

U.S. EPA BROWNFIELDS

SOLICITUD DE SUBVENCIÓN DE LIMPIEZA

para 1807-1815 N. Kimball

FLEET & FACILITY MANAGEMENT

¿CÓMO PUEDO PARTICIPAR?

La ciudad presentará en la reunión trimestral del consejo asesor de Blommingdale Trail Park:

Miércoles 20 de noviembre de 2019
6:00 PM

Simons Fieldhouse
1640 N. Drake Avenue
Chicago, IL 60647

Los documentos de solicitud de subvención estarán disponibles el 15 de Noviembre en las siguientes ubicaciones:

- Biblioteca de Humboldt Park, 1605 N. Troy Street, Chicago, IL 60647
- Biblioteca de Logan Square, 3030 W. Fullerton Ave, Chicago, IL 60647
- Departamento de Flota y Administración de Instalaciones de Chicago (2FM), 30 N. LaSalle Street, Suite 300, Chicago, IL 60602, El sitio web de 2FM, https://www.chicago.gov/city/en/depts/dgs/supp_info.html

La ciudad de Chicago está aplicando para una subvención de limpieza de 2020 Brownfields de la Agencia de Protección Ambiental de los Estados Unidos (US EPA) para limpieza ambiental en 1807-1815 N. Kimball Ave (el sitio).

La Ciudad adquirió el Sitio para uso futuro como espacio de parque público. Antes de la propiedad de la ciudad, el sitio fue ocupado durante casi un siglo por operaciones industriales y de fabricación.

IMPACTOS DEL SITIO

Suelo y agua subterránea investigaciones han identificado:

- concentraciones de compuestos orgánicos volátiles y semivolátiles y metales que exceden los criterios de limpieza estatales aplicables en la mayoría del Sitio.
- punto caliente de tricloroetileno (TCE) * contaminación en suelos profundos (~ 8 a 20 pies debajo de la superficie) debajo de la parte este del Sitio.

*El TCE es un solvente común, típicamente usado para desengrasar

ALCANCE DE LA SUBVENCIÓN

Si se otorga, los fondos de subvención se utilizarán para reducir las concentraciones de tce en el área. La alternativa de limpieza recomendada es aplicar Oxidación química in situ (ISCO) a través de la mezcla de suelo en el lugar. ISCO usa un compuesto oxidante para descomponer el TCE en el lugar. Acciones de limpieza posteriores a ser implementadas antes de o como parte de la remodelación probablemente incluyen construcción de barrera de ingeniería (como suelo limpio, asfalto, concreto) e implementación de controles institucionales.

CANTIDAD DE SUBVENCIÓN: $500,000

PARTE DEL COSTO DE LA CIUDAD $100,000

PROYECTO DE 3 AÑOS

SOLICITUD DEBIDA: 3 DE DICIEMBRE DE 2019

COMENTARIOS ESCRITOS ACEPTADOS HASTA EL 25 DE NOVIEMBRE DE 2019
2FM, a la atención del Comisionado Adjunto, Oficina de Gestión Ambiental, Salud y Seguridad en 30 N. LaSalle Street, Suite 300, Chicago, IL, 60602
o por correo electrónico a 2FM_EHS_Notifications@cityofchicago.org.

CITY OF CHICAGO, DEPT. OF PLANNING & DEVELOPMENT
City of Chicago Notice of Public Meeting and Solicitation of Public

ADORDERNUMBER: 0001097255-01
PO NUMBER: Brownfield Cleanup Grant
AMOUNT: 121.60
NO OF AFFIDAVITS: 1

City of Chicago
Notice of Public Meeting and Solicitation of
Public Comments on a Brownfield
Cleanup Grant Application to the
U.S. Environmental Protection Agency

The City of Chicago is presenting at the Bloomingdale Trail Park Advisory Council's quarterly meeting on Wednesday, November 20, 2019 at 6:00 PM at the Simons Fieldhouse, 1640 N. Drake Avenue, Chicago, IL regarding the City's intent to apply for a U.S. Environmental Protection Agency (EPA) FY20 Brownfields Cleanup Grant. The $500,000 grant, if awarded, will be used for environmental cleanup at 1807-1815 N. Kimball Ave, Chicago, IL 60647. The City will discuss and solicit comments on the draft application and draft Analysis of Brownfield Cleanup Alternatives (ABCA) at the meeting.

The grant application documents are available on and after November 15, 2019 at the Chicago Public Library's Humboldt Park (1605 N. Troy Street, Chicago, IL 60647) and Logan Square (3030 W. Fullerton Ave, Chicago, IL 60647) Branches and may be examined and copied during their regular hours; at the City of Chicago Department of Fleet and Facility Management (2FM), 30 N. LaSalle Street, Suite 300 and may be examined or copied in the office weekdays 8:30 AM to 4:00 PM; and on 2FM's website, within the Supporting Information section, located at the following address: https://www.chicago.gov/city/en/depts/dgs/supp_info.html

Written comments may be submitted through November 25, 2019 to 2FM to the attention of the Deputy Commissioner, Bureau of Environmental, Health & Safety Management at 30 N. LaSalle Street, Suite 300, Chicago, IL, 60602 or to **2FM_EHS_Notifications@cityofchicago.org**.

11/10, 11/17/19 #1097255

Chicago Sun-Times
Certificate of Publication

State of Illinois - County of Cook

Chicago Sun-Times, does hereby certify it has published the attached advertisments in the following secular newspapers. All newspapers meet Illinois Compiled Statue requirements for publication of Notices per Chapter 715 ILCS 5/0.01 et seq. R.S. 1874, P728 Sec 1, EFF. July 1, 1874. Amended by Laws 1959, P1494, EFF. July 17, 1959. Formerly Ill. Rev. Stat. 1991, CH100, Pl.
Note: Notice appeared in the following checked positions.

PUBLICATION DATE(S): 11/10/2019, 11/17/2019

Chicago Sun-Times

IN WITNESS WHEREOF, the undersigned, being duly authorized, has caused this Certificate to be signed

by

Mary Hoffman
Account Manager - Public Legal Notices

This 17th Day of November 2019 A.D.

CITY OF CHICAGO, DEPT. OF PLANNING & DEVELOPMENT
121 N LASALLE STREET
ROOM 1003
ATTN IRENE WACHOWSKI
CHICAGO, IL 60602-1266

Chicago Tribune

Sold To:
Chicago Dept of Fleet & Facility Mgmt (Abby Mazza) - CU80029994
30 N La Salle St
Ste 300
Chicago,IL 60602-3383

Bill To:
Chicago Dept of Fleet & Facility Mgmt (Abby Mazza) - CU80029994
30 N La Salle St
Ste 300
Chicago,IL 60602-3383

Classified Advertising: 6511633
Purchase Order: Cleanup Grant Public Mtg

Certificate of Publication:

Chicago Tribune Company hereby certifies that it is the publisher of the Chicago Tribune; that the Chicago Tribune is an English language newspaper of general circulation, published daily in the City of Chicago, County of Cook and State of Illinois; that the Chicago Tribune has been so published continuously for more than one year prior to the date of first publication mentioned below and is further a newspaper as defined in Ill. Rev. Stat. Ch. 100, SS 5 & 10; that the undersigned is the duly authorized agent of the Chicago Tribune Company to execute this certificate on its behalf; and that a notice of which the annexed is a true copy was printed and published in said newspaper

On the following days, to-wit: **Nov 15, 2019**.

Executed at Chicago, Illinois on this

15th Day of November, 2019, by

Chicago Tribune Company

Serina Johnston

Chicago Tribune - chicagotribune.com
160 N Stetson Avenue, Chicago, IL 60601
(312) 222-2222 - Fax: (312) 222-4014

Chicago Tribune

Ciudad de Chicago
Notificación de Reunión Publica y Solicitación de comentarios del público sobre una solicitud de subvención de limpieza Brownfield para la Agencia de Protección Ambiental de los Estados Unidos (US EPA)

La ciudad de Chicago estará presentando en la reunión trimestral del consejo asesor de Blommingdale Trail Park el Miércoles 20 de noviembre de 2019 a las 6:00 p.m. en Simons Fieldhouse, 1640 N. Drake Avenue. con respecto a la intención de la Ciudad de solicitar una subvención de limpieza de Brownfield (año fiscal 2020) de la Agencia de Protección Ambiental de los Estados Unidos (US EPA). La subvención de $500,000, si se otorga, se usará para la limpieza ambiental en las direcciones de 1807-1815 N. Kimball Ave, Chicago, IL 60647. La Ciudad discutirá y solicitará comentarios sobre la solicitud y el Análisis de alternativas de limpieza de Brownfield (ABCA) en la reunión.

Los documentos de solicitud de subvención estarán disponibles a partir del 15 de noviembre de 2019 en las sucursales de la Biblioteca Pública de Chicago en Humboldt Park (1605 N. Troy Street, Chicago, IL 60647) y Logan Square (3030 W. Fullerton Ave, Chicago, IL 60647). Los documentos pueden ser examinados y copiados durante sus horas regulares; en el Departamento de Flota y Administración de Instalaciones de la Ciudad de Chicago (2FM), 30 N. LaSalle Street, Suite 300 y se pueden examinar o copiar en la oficina entre semana de 8:30 am a 4:00 pm; y en el sitio web de 2FM, dentro de la sección de Información de Apoyo, ubicada en la siguiente dirección: https://www.chicago.gov/city/en/depts/dgs/supp_info.html

Los comentarios por escrito pueden enviarse hasta el 25 de noviembre de 2019 a 2FM a la atención del Comisionado Adjunto, Oficina de Gestión Ambiental, Salud y Seguridad en 30 N. LaSalle Street, Suite 300, Chicago, IL, 60602 o por correo electrónico a 2FM_EHS_Notifications@cityofchicago.org.
11/15/2019 6511633

(/content/city/en.html)

FLEET AND FACILITY MANAGEMENT

2FM provides City Departments operational support for fleet and facility services

1807-1815 N. Kimball Ave U.S. EPA Brownfields Cleanup Grant Draft Application

https://www.chicago.gov/city/en/depts/dgs/supp_info/1807_1815_N_Kimball_Ave.html
(https://www.chicago.gov/city/en/depts/dgs/supp_info/1807_1815_N_Kimball_Ave.html)

1807-1815 N. Kimball Ave Fiscal Year (FY) 2020 U.S. EPA Brownfields Cleanup Grant Draft Application

Notice of Public Meeting and Solicitation of Public Comments

Last year, the City of Chicago applied for a $500,000 United States Environmental Protection Agency Brownfields Cleanup Grant to help achieve this vision but was not selected. The City will be re-applying again this year and is presenting at the **Bloomingdale Trail Park Advisory Council's quarterly meeting at 6 pm on November 20, 2019 at Simons Fieldhouse, 1640 N. Drake Avenue.** This meeting is an opportunity for the community to learn more about the grant application and provide feedback. The $500,000 grant, if awarded, will be used for environmental cleanup at 1807-1815 N. Kimball Ave, Chicago, IL 60647. The City will discuss and solicit comments on the draft application and draft Analysis of Brownfield Cleanup Alternatives (ABCA) at the meeting. Please note this is not a design meeting and information shared will be similar to last year.

The draft grant application documents are available starting on November 15, 2019 for download below and at the Chicago Public Library's Humboldt Park (1605 N. Troy Street, Chicago, IL 60647) and Logan Square (3030 W. Fullerton Ave, Chicago, IL 60647) Branches and may be examined and copied during their regular hours; and at the City of Chicago Department of Fleet and Facility Management (2FM), 30 N. LaSalle Street, Suite 300 and may be examined or copied in the office weekdays 8:30 AM to 4:00 PM.

Written comments may be submitted through November 25, 2019 to 2FM to the attention of the Deputy Commissioner, Bureau of Environmental, Health & Safety Management at 30 N. LaSalle Street, Suite 300, Chicago, IL, 60602 or to 2FM_EHS_Notifications@cityofchicago.org.

FY2020 Draft Application:

- **FY20 Draft Brownfield Cleanup Grant Application_1807-15 N Kimball_2019-11-14 (/content/dam/city/depts/dfm/supp_info/FY20_Draft_Brownfield_Cleanup_Grant_Application_1807-15_N_Kimball_2019-11-14.pdf)**
- **Cleanup Grant Public Meeting Presentation_1807-1815 N Kimball_2019-11-20 (/content/dam/city/depts/dfm/supp_info/Cleanup_Grant_Public_Meeting_Presentation_1807-1815_N_Kimball_2019-11-20.pdf)**

FY2019 Final Application:

- City of Chicago FY19 EPA Cleanup Grant Application FINAL (/content/dam/city/depts/dfm/supp_info/City_of_Chicago_FY19_EPA_Cleanup_Grant_Application_FINAL.pdf)
- ABCA Draft Final Submitted_1807-1815 N Kimball_1-30-2019 (/content/dam/city/depts/dfm/supp_info/ABCA_Draft_Final_Submitted_1807-1815_N_Kimball_1-30-2019.pdf)

Supporting Information Facts

Department:

Fleet and Facility Management (/content/city/en/depts/dgs.html)
Environmental Health and Safety Management (/content/city/en/depts/dgs/provdrs/environmental_management.html)

Programs & Initiatives:

Environment and Sustainability (/content/city/en/progs/env.html)

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1 2 Comments

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Bloomingdale Trail PAC meeting

Simons Park · Chicago, IL

19 people interested

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Public Meeting Summary - 1807-1815 N. Kimball Avenue

A public meeting to discuss the City's Brownfields Cleanup Grant Application for 1807-1815 N. Kimball Avenue was held at 6 pm at the Simons Fieldhouse (1640 N. Drake Avenue) on November 20, 2019. Approximately 20 people attended. After a brief introduction by Ben Helphand from Friends of the Bloomingdale Trail, a formal power point presentation was given by Abby Mazza of the City of Chicago, Department of Fleet and Facility Management (2FM), followed by a question and answer session. Also available to answer questions were Nelson Cheung (Chicago Department of Planning and Development), Shannon Flannigan (AECOM), and Noemy Quinones (2FM). Ms. Quinones was available for Spanish translation. Attendees were provided a comment card and a project fact sheet (English/Spanish).

Overall, the meeting attendees were strongly in favor of the proposed cleanup project and the majority had attended a similar meeting for the proposed cleanup project last year. A summary of the questions and responses is provided below.

1. **Why was In-Situ Chemical Oxidation (ISCO) treatment via soil mixing chosen over excavation? Wouldn't excavating the contaminated soil and disposing of it offsite (i.e. dig and haul) be simpler?**
   As part of the grant application process, the City prepared a Draft Analysis of Brownfield Cleanup Alternatives (ABCA), which evaluated both ISCO and dig and haul alternatives. Both alternatives were determined to have a high effectiveness level. Although dig and haul can be a simpler alternative, due to the depth of contamination (~20 ft below ground surface) it was determined to have a moderate implementability level, the same as ISCO. In addition, due to the high contaminant concentrations and associated landfill disposal costs, dig and haul would also cost more than $437,000 more than ISCO. Therefore, ISCO treatment via soil mixing was selected.

2. **What can residents do to help with the application?**
   Meeting attendees expressed great interest in showing and documenting their support for the project for the application. The City requested written comments, including letters of support, by November 25, 2019 which could be submitted in person and via e-mail to 2FM_EHS_Notifications@cityofchicago.org.

3. **Is there an exposure concern right now?**
   The Site is currently vacant, fenced in and mostly covered with gravel and/or asphalt/concrete, limiting direct exposure to the contaminated onsite soil. There were immediate outdoor inhalation concerns identified from the previous sampling results. Offsite soil contamination, if any, is likely to be directly east of the primary site impacts. The City is currently working with the adjacent east property owners to get approval to go on their site and collect samples.

4. **What did the winning application include?**
   Based on our de-brief with EPA after the awards were given, the City's application was very strong. Suggested areas of improvement included providing more details on cost, community involvement, history of manufacturing in the area and status of leveraged resources. As far as other applications, they are not available on EPA's website or on the awardee's websites that the City could find.

5. **When will the remaining contamination that is not being addressed by the grant be remediated**?
   The City will continue to pursue additional funding sources for the cleanup activities not included as part of the grant project. The City has already contacted two previous owners who conducted manufacturing operations on the Site to seek contribution from these entities towards its investigation and remediation costs. Discussions are ongoing.

6. **At what point in the remediation process will the park design begin and will the remediation of the remainder of the site be factored into the park design?**
   The design of the park would be managed by the Chicago Park District. There is no timeline yet for the design phase as the Park District has not allocated funds; however, the TCE hot spot is considered a significant impediment to the Site's redevelopment and will help to advance the overall goal of redevelopment.

7. **How and when would the public be notified during the construction activities?**
   The City will keep the community informed throughout the duration of the project. The City will do this by posting updates on our website and holding public meetings such as this one as well as working with Friends of the Bloomingdale Trail to get communicate updates. The community will be notified well before any construction begins.

8. **How would the public be protected from impacts during the construction activities?**
   During construction, proper construction best management practices will be implemented to manage dust, there will be shoring along the eastern end if needed and air monitoring would be conducted to as needed.

9. **What other funding sources are available? Can other large developers in the area be required to contribute towards cleaning up this site, such as the recent TIF funded Lincoln Yards project developer?**
   The source of the City's match and currently allocated funding for this project is the Open Space Impact Fund. It is very likely additional funds from this fund will be allocated for future phases if a grant is received from EPA. The City has already contacted two previous owners who conducted manufacturing operations on the Site to seek contribution from these entities towards its investigation and remediation costs. Discussions are ongoing.

   The Lincoln Yards project is not in or nearby the Target Area for this project and therefore would not be an applicable source of additional funding. The City will continue to pursue additional funding sources for the cleanup activities not included as part of the grant project.

1807-1815 N. Kimball Avenue
Response to Public Comments

The City of Chicago received three written comments: one was sent to 2FM_EHS_Notifications@cityofchicago.org and two were received at the public meeting. Each comment and the City of Chicago's response are provided below.

No.	Comment	City Response
1	I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I recently moved to the 3400 block of W. Cortland and walk by the contaminated site on Kimball daily. To have the site cleaned would elevate 606 visitor experience (no pun intended) and better connect our neighborhood with the rest of the near northwest. There are park spaces ground-level connected to the 606, but we are left behind until steps are taken to make Kimball Park a reality. Please let me know how to help.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
2	I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I've lived at 1916 N. St Louis Ave for decades and feel the transformation of living by the 606. Neighbors and I are longing to have Kimball Park decontaminated so that we can begin the imagining of a park space by us, for kids, families and friends. There are park spaces ground-level connected to the 606, but we are left behind with limited green space for the community until steps are taken to make Kimball Park a reality. Please let me know how to help.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
3	support the Brownfield Cleanup at 1807-1815 Kimball Ave. I've lived at 3561 W Cortland St for 8 years and feel the transformation of living by the 606. Neighbors and I are longing to have Kimball Park decontaminated so that we can begin the imagining of a park space by us, for kids, families and friends. There are park spaces ground-level connected to the 606, but we are left behind until steps are taken to make Kimball Park a reality.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
4	I live a couple of blocks from this area with my husband and three children. We bought our home here a couple of years ago and would love to have a safe park close to home near the 606. Please move forward to these plans to clean it up and turn it into a safe space for families.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
5	I support the remediation and redevelopment of the 1807-1815 Kimball Ave property. As a longtime resident of West Logan Square, I can assure you that Neighbors and I would love additional an additional park and much needed green space for kids, families and friends.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
6	I support the Brownfields Cleanup at 1807-1815 Kimball	Thank you for your

	Ave. I've lived at 1916 N. St Louis Ave for decades and feel the transformation of living by the 606. Neighbors and I are longing to have Kimball Park decontaminated so that we can begin the imagining of a park space by us, for kids, families and friends. There are park spaces ground-level connected to the 606, but we are left behind until steps are taken to make Kimball Park a reality. Please let me know how to help.	comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
7	I have lived in Logan Square for 6 years. During the time I've lived here I have experienced the wonderful improvement of the area. I wanted to let you know that my neighbors and I would be very happy if Kimball Park was cleaned up so that we could enjoy it as a park space for local families and their children. I know that there are other ground-level parks connected to the 606, but none in my immediate area. Please let me know if I can help this initiative in any way.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
8	Comments: I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I've lived at 1916 N. St Louis Ave for decades and feel the transformation of living by the 606. Neighbors and I are longing to have Kimball Park decontaminated so that we can begin the imagining of a park space by us, for kids, families and friends. There are park spaces ground-level connected to the 606, but we are left behind until steps are taken to make Kimball Park a reality. Please let me know how to help.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
9	I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I live at 3741 W Wabansia and walk the Bloomingdale Trail (606) nearly every day. The site at Kimball has so much potential as a much needed park along the trail. It is very close to my house and I imagine organizing picnics with friends, relaxing with my family after a bike ride, or enjoying the stars on a summer night. The first step, of course, involves abating the dangerous chemicals to make future development safe. Please let me know what I can do to support this clean-up effort.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
10	I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I live at 1715 N. Sawyer Avenue and walk the Bloomingdale Trail (606) nearly every day. The site at Kimball has so much potential as a much needed park along the trail. It is very close to my house and I imagine organizing picnics with friends, relaxing with my family after a bike ride, or enjoying the stars on a summer night. The first step, of course, involves abating the dangerous chemicals to make future development safe. Please let me know what I can do to support this clean-up effort.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.

11	I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I live at 2240 N Monticello and run or bike on the Bloomingdale Trail (606) by myself or with my kids nearly every day. The site at Kimball has so much potential as a much needed park along the trail. It is very close to my house and I imagine organizing picnics with friends, relaxing with my family after a bike ride, or enjoying the stars on a summer night. The first step, of course, involves abating the dangerous chemicals to make future development safe. Please let me know what I can do to support this clean-up effort.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
12	I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I live at 3411 W Cortland Street and walk the Bloomingdale Trail (606) nearly every day. The site at Kimball has so much potential as a much needed park along the trail. It is very close to my house and I imagine organizing picnics with friends, relaxing with my family after a bike ride, or enjoying the stars on a summer night. The first step, of course, involves abating the dangerous chemicals to make future development safe. Please let me know what I can do to support this clean-up effort.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
13	Id like to provide my support for the US EPA brownfields cleanup grant application for 1807 -1815 Kimball.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.
14	I support the Brownfields Cleanup at 1807-1815 Kimball Ave. I live at 2055 N. Spaulding Ave. and walk the Bloomingdale Trail (606) nearly every day. The site at Kimball has so much potential as a much needed park along the trail. It is very close to my house and I imagine organizing picnics with friends, relaxing with my ten-year-old after a bike ride, or enjoying the stars on a summer night. The first step, of course, involves abating the dangerous chemicals to make future development safe. Please let me, as a long-time Logan Square resident and activist, can do to support this clean-up effort.	Thank you for your comment. We will continue to provide updates and will notify the public when we know if we are selected for the grant.

City of Chicago
U.S. EPA Brownfields Cleanup Grant Application
1807-1815 N. Kimball Avenue

November 20, 2019

Simons Fieldhouse

FLEET & FACILITY MANAGEMENT

Agenda

- Introductions
- Site Background
- Environmental Site Assessment Results
- U.S. EPA Cleanup Grant Application
  - 2019 Application Feedback
  - 2020 Application Updates
- Next Steps

FLEET & FACILITY MANAGEMENT

Site Background

- The City of Chicago acquired the Site through foreclosure.
- The site was vacant at the time of acquisition.

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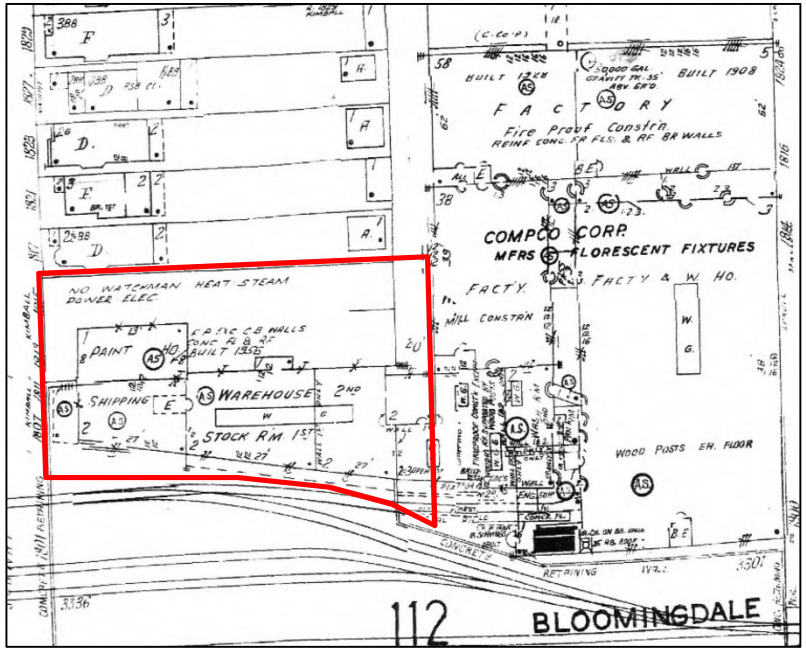
Phase I Environment Site Assessment (ESA)

- A Phase I ESA was performed to identify historical uses and recognized environmental conditions (RECs).
- Several RECs were identified associated with previous uses as a lumberyard and manufacturers of laundry machines and fluorescent fixtures, including painting, warehousing, and machine shop operations.

1975 Sanborn Map of Site



Summary of Subsurface Investigations

Year	Purpose	Scope of Work
2010	Initial Phase II Environmental Site Assessment, based on Phase I RECs	• Soil sampling to depths of 6 to 24 feet • Groundwater sampling at three locations
2012	U.S. EPA Comprehensive Site Investigation (CSIR)	• Additional soil and groundwater sampling to 20 feet • Confirmation of volatile organic compound (VOCs) impacts (trichloroethylene or TCE)
2013	Determine vertical extent of VOC contamination and evaluate inhalation impacts	• Additional soil sampling to 30 feet • Additional groundwater sampling • Initial soil gas sampling
2018	Define extent of TCE hot spot area exceedances and soil vapor impacts, inform soil remediation	• Soil sampling for hot spot delineation • Additional groundwater and soil gas sampling • Collection of sample for remediation bench test

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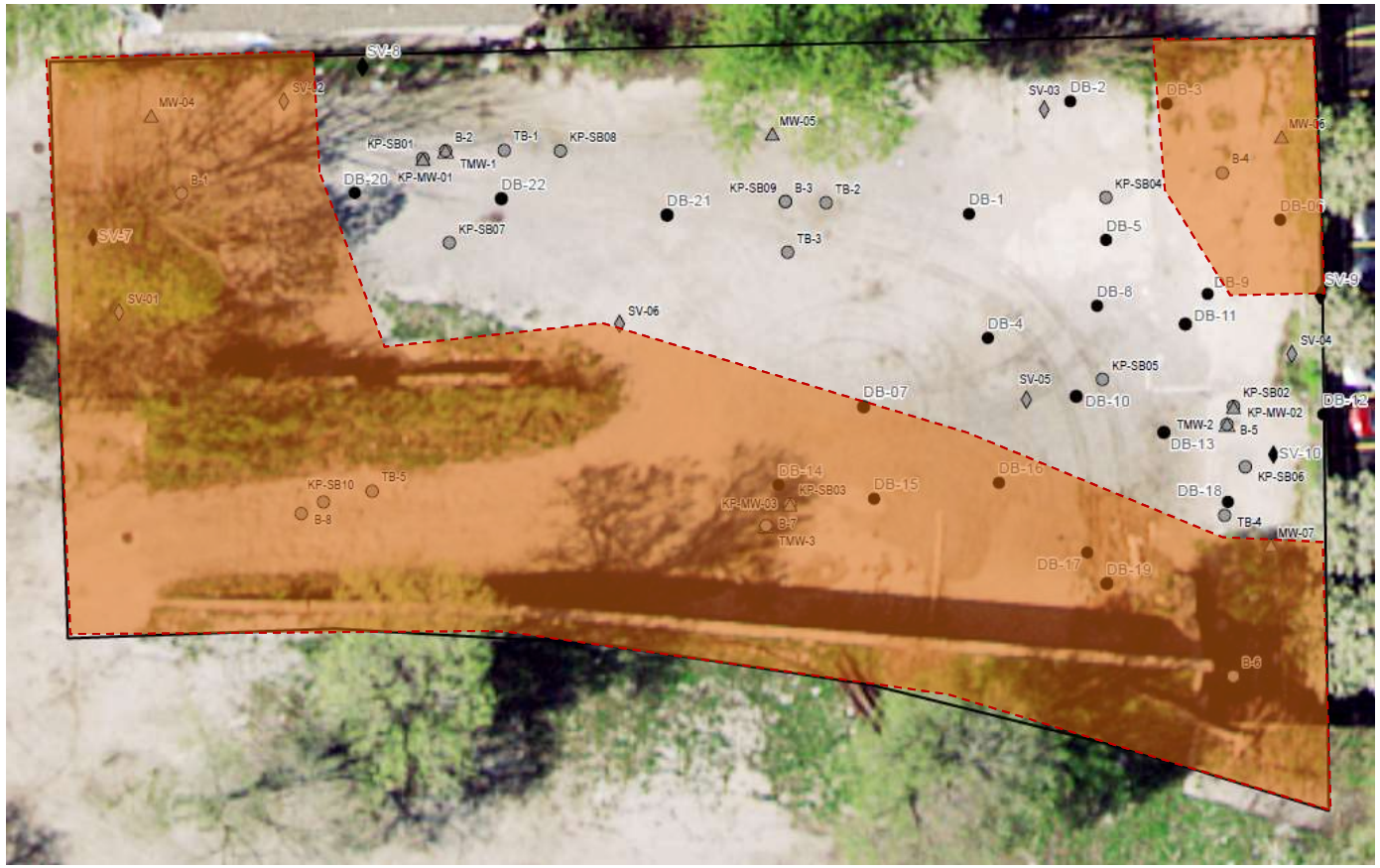
Site Contamination - SVOCs



SVOCs exceeding Illinois Tier 1 site remediation objectives for soil ingestion and/or soil inhalation exposure pathways

- Lateral extent shown in **orange**
- Depths range from 0-14 feet below the ground surface

Figure 2 – Approximate Lateral Extent of Soil Impacts - Semi-Volatile Organic Compounds (SVOCs)

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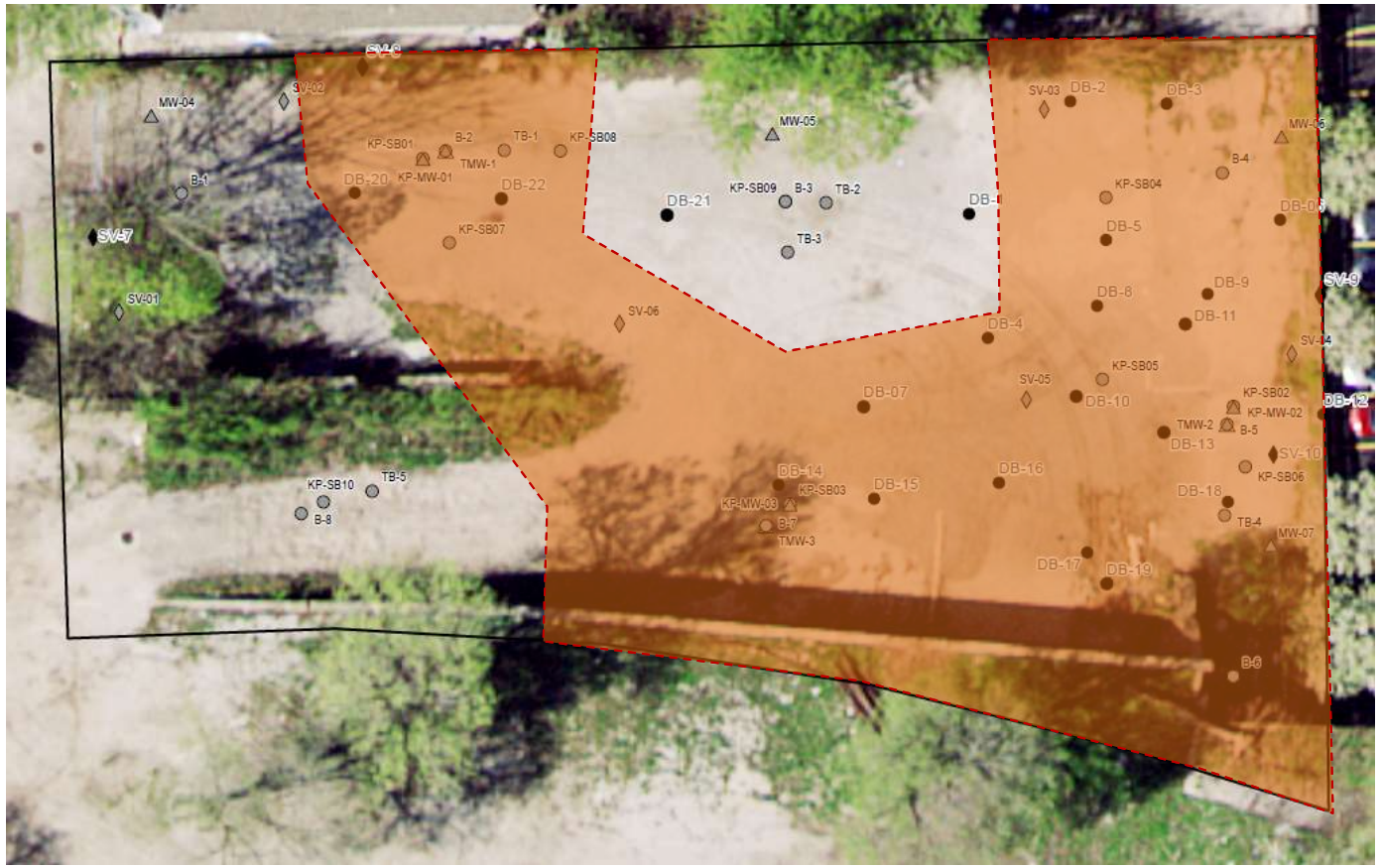
Site Contamination - Inorganics



Inorganics exceeding Illinois Tier 1 site remediation objectives for soil ingestion and/or soil inhalation exposure pathways

- Lateral extent shown in **orange**
- Depths range from 0 to 6 feet below the ground surface

Figure 3 – Approximate Extent of Lateral Soil Impacts - Inorganics

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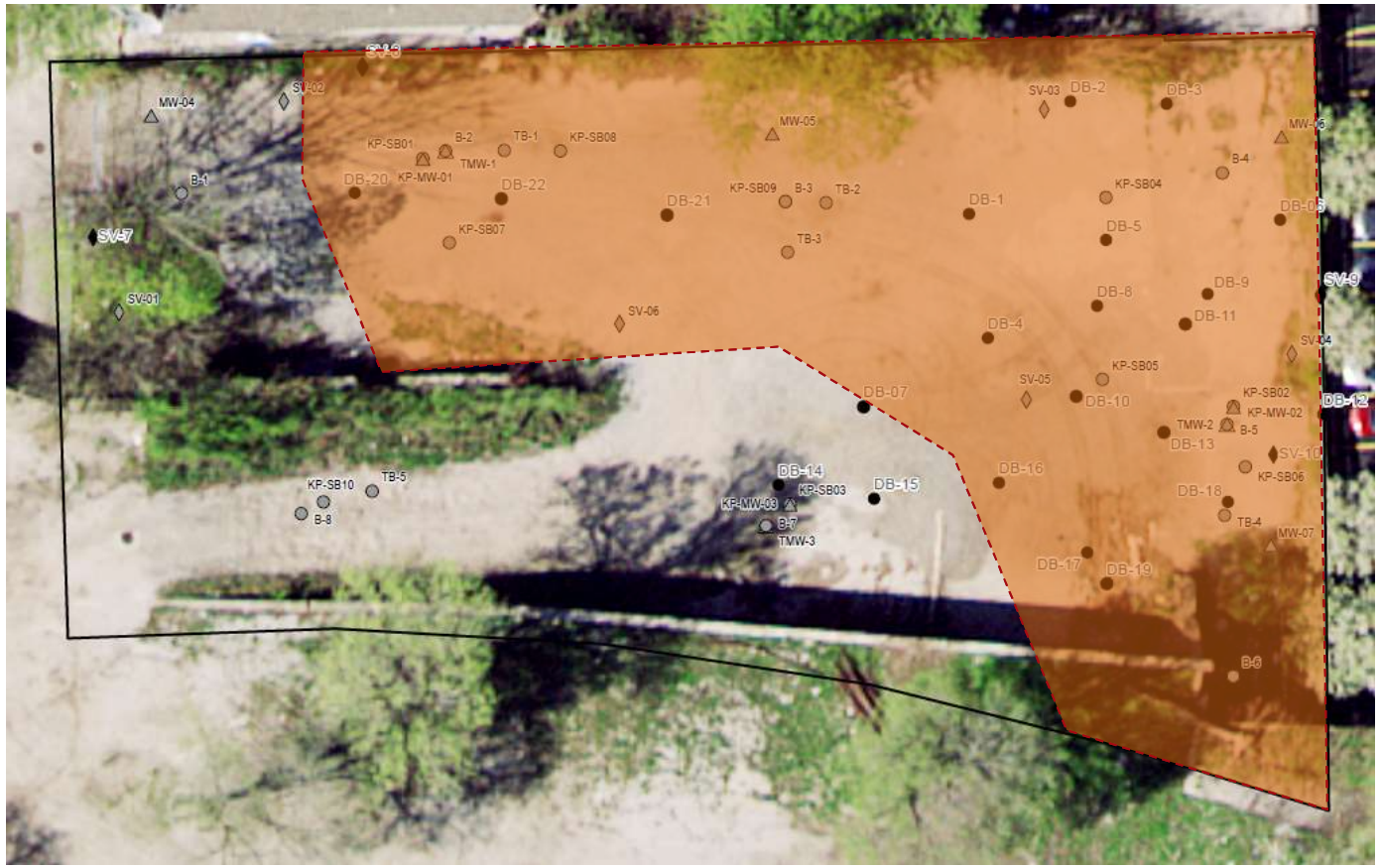
Site Contamination - VOCs



VOCs exceeding Illinois Tier 1 site remediation objectives for soil ingestion and/or soil inhalation exposure pathways

- Lateral extent shown in **orange**
- Depths range from 3 to 20 feet below the ground surface

Figure 1 – Approximate Lateral Extent of Soil Impacts - VOCs

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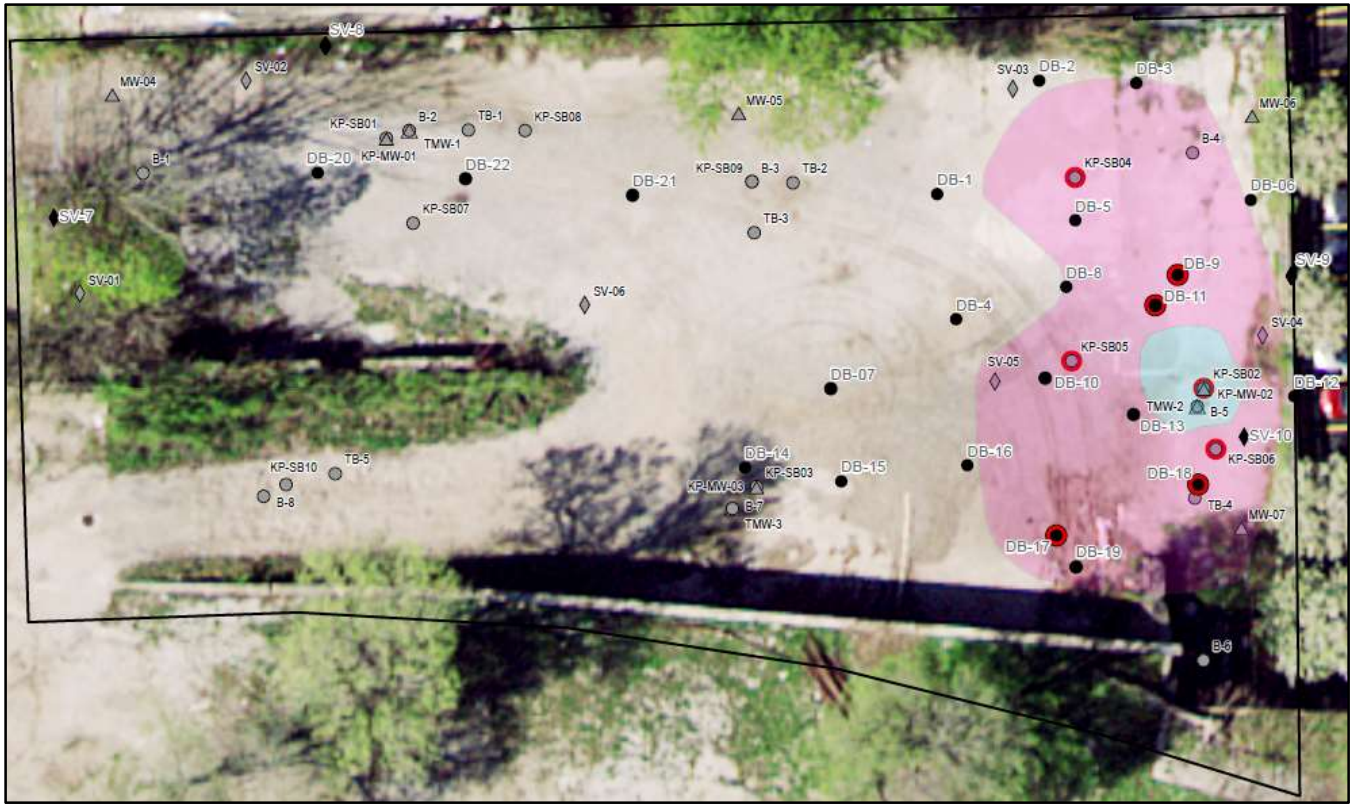
Site Contamination – TCE Source Area (or "hot spot")



High concentrations of TCE in deep soils along eastern portion require active treatment or removal and are the focus of the grant

- **8-16 ft bgs (red)**
- **8-20 ft bgs (blue)**

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Site Contamination – Groundwater and Soil Vapor

Groundwater

- Exceedences of Class II groundwater objectives shown in **red**

Soil Vapor

- Exceedences of Soil Vapor Tier 1 indoor and outdoor ROs shown in **red**

- Soil Vapor Point highlighted in Blue indicate results are below applicable ROs
- Soil Vapor Points highlighted in Red indicate results are above applicable ROs
- Monitoring Wells highlighted in Blue indicate results are below applicable ROs
- Monitoring Wells highlighted in Red indicate results are above applicable ROs

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U.S. EPA Cleanup Grant Application FY2020

- Grant Amount: $500,000
- City's Cost Share: $100,000
- City's Leveraged Funding: $120,000 (in-hand)
- Awards Announcement: Spring 2020
- Project Period: 3 Years
- Application Due: December 3, 2019

Last year, EPA received 89 cleanup grant applications and awarded grants to 33 communities (two from Illinois).

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U.S. EPA Cleanup Grant Application FY2019 Feedback

- Overall
  - Strong application, no major deficiencies
  - Confirmed site meets all threshold criteria for eligibility
- Project Description
  - Provide history of manufacturing in target area
- Leveraging Resources
  - Describe status of leveraged funds (i.e. in hand/proposed, eligible)

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U.S. EPA Cleanup Grant Application FY2019 Feedback

- Cost Estimate
  - Clarify grant vs leveraged fund scope
  - Provide greater breakdown of costs
- Community Need/Engagement
  - Add more statistics to support community's need for funding
  - Provide more details on public meeting frequency

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Brownfield Grant Project

Scope of Work and Goal

- **Proposed Cleanup under Brownfield Cleanup Grant:** Reduction of TCE concentrations in hot spot area

  The cleanup activities to be performed under this grant are critical steps in preparing the Site for redevelopment.

- **Future Cleanup Actions:** Installation of engineered barriers and institutional controls to address contaminated soil and groundwater exposure pathways

- **Project's Goal:** Advance the future redevelopment of the site as a public access park to the Bloomingdale Trail

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Analysis of Brownfield Cleanup Alternatives

Alternative	Effectiveness	Implementability	Cost
#1 No Action	**Not Effective** Would not address TCE hot spot	**Simple/effortless** No actions are required.	~$0
#2 Excavation & Disposal	**Very Effective** TCE hots spot area would be removed	**Moderate** Deep excavation may require dewatering and use of excavation support system	~$1,157,000
#3 In Situ Chemical Oxidation Treatment (ISCO) via Soil Mixing	**Very Effective** ISCO is a proven technology to reduce TCE concentrations. Soil mixing is the preferable delivery method for the Site's low-permeability soil.	**Moderate** Soil mixing may require dewatering and use of an excavation support system	~$720,000

The recommended cleanup alternative of Soil exceeding TCE C_{sat} Limit is Alternative #3 ISCO via Soil Mixing

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Brownfield Grant: Project Tasks

- **Grant Management (City staff):** Administering the brownfield grant, procurement and management of the environmental consultant and cleanup contractor, and coordination of environmental aspects of the future site redevelopment design.
- **TCE Environmental Cleanup (professional services)**: Completion of applicable regulatory reporting, remediation design, and oversight.
- **TCE Environmental Cleanup (construction contractor)**: Completion of the recommended remedial actions which are expected to include In-Situ Chemical Oxidation applied by soil mixing to reduce TCE to below the saturation limit in the eastern portion of the Site.
- **Community Engagement (City staff and professional services)**: Develop and inform public stakeholder groups about the cleanup and how it will impact redevelopment options, and evolve perceptions about brownfields and vacant space opportunities in the Logan Square and Humboldt Park neighborhoods and the City of Chicago at large.

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Brownfield Grant: Project Budget

Budget Categories		Project Tasks ($)				
		Task 1: Grant Management	Task 2: TCE Cleanup (Prof Services)	Task 3: TCE Cleanup (Construction)	Task 4: Community Outreach (Prof Services)	Total
Direct Costs	Personnel	$ -	$ -	$ -	$ -	$ -
	Fringe Benefits	$ -	$ -	$ -	$ -	$ -
	Travel	$ -	$ -	$ -	$ -	$ -
	Equipment	$ -	$ -	$ -	$ -	$ -
	Supplies	$ -	$ -	$ -	$ -	$ -
	Contractual	$ -	$ 87,000	$ 508,000	$ 5,000	$ -
	Other (include sub)	$ -	$ -	$ -	$ -	$ -
Total Direct Costs*		$ -	$ 87,000	$ 508,000	$ 5,000	$ 600,000
Total Indirect Costs		$ -	$ -	$ -	$ -	$ -
Total Federal Funding		$ -	$ 87,000	$ 408,000	$ 5,000	$ 500,000
Cost share (20% of federal funds)		$ -	$ -	$ 100,000	$ -	$ 100,000
Total Budget (Total Direct + Indirect + Cost Share)		$ -	$ 87,000	$ 508,000	$ 5,000	$ 600,000

*The City is providing an additional $120,000 outside of the required match for a total budget of $720,000 to treat the TCE hot spot.

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Total Project Budget Details

Task	Lead	Cost	Description
1. Grant management	2FM	$0	• 2FM in-house staff will manage grant
2. TCE Cleanup (Professional Services)	Consultant	$87,000	• $13,000 - IEPA report preparation • $44,000 - HASP, QAPP and design/specs • $30,000 - Field oversight and Air Monitoring
3. TCE Cleanup (Construction)	Contractor	$628,000	• $71,000 – Decon facility install/O&M • $557,000- In-Situ Chemical Mixing - Treatment Area Preparation - Excavation Support (Sheet Piling) - ISCO Treatment and Mixing
4. Community Engagement	2FM/ Consultant	$5,000	• $5,000 - 45 hours at average rate of $111/hr
	TOTAL COST	$720,000	

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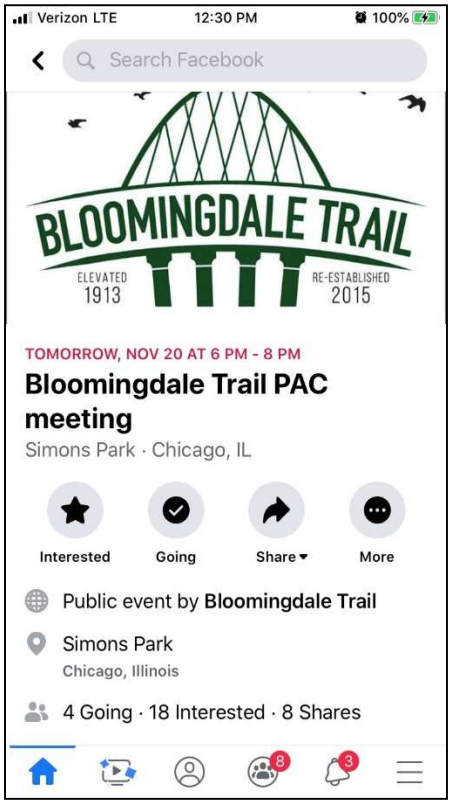
Community Engagement

- Frequency
  - At least quarterly; and,
  - Prior to finalizing remediation design plans
  - Before cleanup begins
  - After the cleanup has completed
- Methods
  - Community meetings
  - 2FM's and project partner's websites, e-mail and social media



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How to Comment

- The grant application documents are available at the following locations:
  - Chicago Public Library's Humboldt Park (1605 N. Troy Street, Chicago, IL 60647) & Logan Square (3030 W. Fullerton Ave, Chicago, IL 60647) Branches
  - City of Chicago Department of Fleet and Facility Management (2FM), 30 N. LaSalle Street, Suite 300, Chicago, IL 60602
  - 2FM's website, within the Supporting Information section, located at the following address: https://www.chicago.gov/city/en/depts/dgs/supp_info.html
- Written comments accepted through November 25, 2019 to 2FM:
  - Attention of the Deputy Commissioner, Bureau of Environmental, Health & Safety Management at 30 N. LaSalle Street, Suite 300, Chicago, IL, 60602 or to 2FM_EHS_Notifications@cityofchicago.org.

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Next Steps

Review and Address Comments on Draft Application

- Draft Application available at Logan Square and Humboldt Park Libraries, 2FM's office and 2FM's website
- Written comments are due by **November 25, 2019**

Submit Application to U.S. EPA

- Due to U.S. EPA by **December 3, 2019**

Wait for Notification of Awards

- The public will be notified if the City is awarded the grant
- If awarded, the work would likely start in 4Q2020

FLEET & FACILITY MANAGEMENT

Questions

FLEET & FACILITY MANAGEMENT

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Amanda Breslof
Friends of the BT Board / Walsh Park AC President

Nelson Chueng
Chicago dept planning

Jonny Ifergan
Orkenoy Brewery + Kitchen (Kimball Arts Center)

Dan Daly
F.B.T.

DEPARTMENT OF FLEET AND FACILITY MANAGEMENT
CITY OF CHICAGO

December 3, 2019

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5 Post Office Square
Mail Code: OSR
Boston, MA 02109-3912

Submitted through: grants.gov

Re: City of Chicago FY20 EPA Brownfields Cleanup Grant Application
Narrative Information Sheet

Dear Evaluation Committee,

The City of Chicago is pleased to submit the enclosed Narrative Information Sheet as part of our FY20 Brownfields Cleanup Grant application for funds to remediate trichloroethylene contamination at 1807-1815 N. Kimball Avenue (the Site).

Thank you for your consideration of this grant application and we look forward to working with the EPA to clean up this brownfield site for the Logan Square and Humboldt Park communities. This grant will significantly advance redevelopment of the Site as a public access park to the Bloomingdale Trail, the centerpiece of a rails-to-trails park and trail system called The 606.

Please contact Abby Mazza of my staff at 312.744.3161 if you have further questions.

Sincerely,

David J. Reynolds, P.E., LEED AP
Commissioner

Attachment: Letter from the Illinois Environmental Protection Agency

30 NORTH LASALLE STREET, SUITE 300, CHICAGO, ILLINOIS 60602

OMB Number: 4040-0004
Expiration Date: 12/31/2019

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 12/03/2019

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: City of Chicago

* b. Employer/Taxpayer Identification Number (EIN/TIN): 36-600-5820

* c. Organizational DUNS: 1469377680000

d. Address:

* Street1: 30 N. LaSalle Street
Street2: Suite 300
* City: Chicago
County/Parish: Cook
* State: IL: Illinois
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 60602-3383

e. Organizational Unit:

Department Name: Fleet and Facility Management

Division Name: EHS

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.

* First Name: Abby

Middle Name:

* Last Name: Mazza

Suffix:

Title: Environmental Engineer III

Organizational Affiliation:

* Telephone Number: 312.744.3161

Fax Number:

* Email: abigail.mazza@cityofchicago.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.818

CFDA Title:

Brownfields Assessment and Cleanup Cooperative Agreements

*** 12. Funding Opportunity Number:**

EPA-OLEM-OBLR-19-07

* Title:

FY20 GUIDELINES FOR BROWNFIELD CLEANUP GRANTS

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

City of Chicago Brownfields Cleanup Grant Application for 1807-1815 N. Kimball Ave

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant IL-007 * b. Program/Project IL-004

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2020 * b. End Date: 09/30/2023

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	100,000.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	600,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Abby

Middle Name:

* Last Name: Mazza

Suffix:

* Title: Environmental Engineer III

* Telephone Number: 312-744-3161 Fax Number:

* Email: abigail.mazza@cityofchicago.org

* Signature of Authorized Representative: Abby Mazza * Date Signed: 12/03/2019