Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					BTEX	BTEX	BTEX	BTEX	BTEX	BTEX	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylene, o (mg/kg)	Xylenes, m + p (mg/kg)	Xylenes, Total (mg/kg)	1,1,1-Trichloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	1,1,2-Trichloroethane (mg/kg)	1,1-Dichloroethane (mg/kg)	1,1-Dichloroethene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,2-Dichloroethane (mg/kg)	1,2-Dichloropropane (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	1,3-Dichloropropene (mg/kg)
				Residential Soil SL:	1.2	5.8	4,900	650	550	580	8,100	0.6	1.1	3.6	230	24	58	1,800	0.46	1	780	NS
				Industrial Soil SL:	5.1	25	47,000	2,800	2,400	2,500	36,000	2.7	5	16	1,000	110	240	9,300	2	4.4	12,000	NS
				Soil Csat/Ceiling SL:	1,820	480	818	434	388	258	640	1,900	2,160	1,690	1,190	404	219	376	2,980	1,360	182	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
062911052	B-1	8-10	09/11/99	Division_H	< 0.002 U	< 0.005 U	< 0.005 U	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	< 0.002 U	< 0.005 U	< 0.005 U	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	< 0.0062 U	< 0.0062 U	< 0.0062 U	--	--	< 0.019 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.21 U	--	< 0.21 U	< 0.0062 U	< 0.0062 U	--	--
042911166	SB01-002	9-10	09/01/05	Division_H	< 0.0061 U	< 0.0061 U	< 0.0061 U	--	--	< 0.018 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.23 U	--	< 0.23 U	< 0.0061 U	< 0.0061 U	--	--
042911167	SB01-003	13-14	09/01/05	Division_H	< 0.0048 U	< 0.0048 U	< 0.0048 U	--	--	< 0.014 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.2 U	--	< 0.2 U	< 0.0048 U	< 0.0048 U	--	--
042911168	SB02-001	0-1	09/01/05	Division_H	< 0.0049 U	< 0.0049 U	< 0.0049 U	--	--	< 0.015 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.18 U	--	< 0.18 U	< 0.0049 U	< 0.0049 U	--	--
042911169	SB02-002	5-6	09/01/05	Division_H	< 0.0065 U	< 0.0065 U	< 0.0065 U	--	--	< 0.019 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.22 U	--	< 0.22 U	< 0.0065 U	< 0.0065 U	--	--
042911170	SB03-001	0-1	09/01/05	Division_H	< 0.0073 U	< 0.0073 U	< 0.0073 U	--	--	< 0.022 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.2 U	--	< 0.2 U	< 0.0073 U	< 0.0073 U	--	--
042911171	SB03-002	5-6	09/01/05	Division_H	0.033	0.014	< 0.0067 U	--	--	< 0.02 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.24 U	--	< 0.24 U	< 0.0067 U	< 0.0067 U	--	--
042911172	SB03-003	7-8	09/01/05	Division_H	< 0.0045 U	< 0.0045 U	< 0.0045 U	--	--	< 0.013 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.2 U	--	< 0.2 U	< 0.0045 U	< 0.0045 U	--	--
042911173	SB04-001	2-3	09/01/05	Division_H	< 0.0097 U	< 0.0097 U	< 0.0097 U	--	--	< 0.029 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.22 U	--	< 0.22 U	< 0.0097 U	< 0.0097 U	--	--
042911174	SB04-002	8-9	09/01/05	Division_H	< 0.0056 U	< 0.0056 U	< 0.0056 U	--	--	< 0.017 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.2 U	--	< 0.2 U	< 0.0056 U	< 0.0056 U	--	--
042911175	SB05-001	1-2	09/01/05	Division_H	< 0.0079 U	< 0.0079 U	< 0.0079 U	--	--	< 0.024 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.24 U	--	< 0.24 U	< 0.0079 U	< 0.0079 U	--	--
042911176	SB05-002	4-5	09/01/05	Division_H	< 0.89 U	34	1.2	--	--	63	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.41 U	--	< 0.41 U	< 0.89 U	< 0.89 U	--	--
042911177	SB05-003	5-6	09/01/05	Division_H	< 0.027 U	< 0.0047 U	< 0.0047 U	--	--	< 0.014 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.2 U	--	< 0.2 U	< 0.0047 U	< 0.0047 U	--	--
042911178	SB06-001	2-3	09/01/05	Division_H	< 0.009 U	< 0.009 U	< 0.009 U	--	--	< 0.027 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.009 U	< 1.4 U	--	< 1.4 U	< 0.009 U	< 0.009 U	--	--
042911179	SB06-002	6-7	09/01/05	Division_H	< 0.0072 U	< 0.0072 U	< 0.0072 U	--	--	< 0.022 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.21 U	--	< 0.21 U	< 0.0072 U	< 0.0072 U	--	--
042911180	SB06-003	10-11	09/01/05	Division_H	< 0.0055 U	< 0.0055 U	< 0.0055 U	--	--	< 0.017 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.2 U	--	< 0.2 U	< 0.0055 U	< 0.0055 U	--	--
042911181	SB07-001	1-2	09/01/05	Division_H	< 0.0057 U	< 0.0057 U	< 0.0057 U	--	--	< 0.017 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.18 U	--	< 0.18 U	< 0.0057 U	< 0.0057 U	--	--
042911182	SB07-002	8-9	09/01/05	Division_H	< 0.005 U	< 0.005 U	< 0.005 U	--	--	< 0.015 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.19 U	--	< 0.19 U	< 0.005 U	< 0.005 U	--	--
042911183	SB08-001	0-1	09/01/05	Division_H	< 0.0054 U	< 0.0054 U	< 0.0054 U	--	--	< 0.016 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.18 U	--	< 0.18 U	< 0.0054 U	< 0.0054 U	--	--
042911184	SB08-002	9-10	09/01/05	Division_H	< 0.0051 U	< 0.0051 U	< 0.0051 U	--	--	< 0.015 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.2 U	--	< 0.2 U	< 0.0051 U	< 0.0051 U	--	--
042911185	SB09-001	2-3	09/01/05	Division_H	< 0.0068 U	< 0.0068 U	< 0.0068 U	--	--	< 0.021 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.22 U	--	< 0.22 U	< 0.0068 U	< 0.0068 U	--	--
042911186	SB09-002	4-5	09/01/05	Division_H	0.012	0.052	< 0.0087 U	--	--	0.051	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.26 U	--	< 0.26 U	< 0.0087 U	< 0.0087 U	--	--
042911187	SB09-003	9-10	09/01/05	Division_H	< 0.0053 U	< 0.0053 U	< 0.0053 U	--	--	< 0.016 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.2 U	--	< 0.2 U	< 0.0053 U	< 0.0053 U	--	--

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					BTEX	BTEX	BTEX	BTEX	BTEX	BTEX	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylene, o (mg/kg)	Xylenes, m + p (mg/kg)	Xylenes, Total (mg/kg)	1,1,1-Trichloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	1,1,2-Trichloroethane (mg/kg)	1,1-Dichloroethane (mg/kg)	1,1-Dichloroethene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,2-Dichloroethane (mg/kg)	1,2-Dichloropropane (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	1,3-Dichloropropene (mg/kg)
				Residential Soil SL:	1.2	5.8	4,900	650	550	580	8,100	0.6	1.1	3.6	230	24	58	1,800	0.46	1	780	NS
				Industrial Soil SL:	5.1	25	47,000	2,800	2,400	2,500	36,000	2.7	5	16	1,000	110	240	9,300	2	4.4	12,000	NS
				Soil Csat/Ceiling SL:	1,820	480	818	434	388	258	640	1,900	2,160	1,690	1,190	404	219	376	2,980	1,360	182	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
042911188	SB10-001	2-3	09/01/05	Division_H	< 0.011 U	< 0.011 U	< 0.011 U	--	--	< 0.031 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.22 U	--	< 0.22 U	< 0.011 U	< 0.011 U	--	--
042911189	SB10-002	6-7	09/01/05	Division_H	< 0.0059 U	< 0.0059 U	< 0.0059 U	--	--	< 0.018 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.21 U	--	< 0.21 U	< 0.0059 U	< 0.0059 U	--	--
042911190	SB11-001	0-1	09/01/05	Division_H	< 0.0067 U	< 0.0067 U	< 0.0067 U	--	--	< 0.02 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.19 U	--	< 0.19 U	< 0.0067 U	< 0.0067 U	--	--
042911191	SB11-002	8-9	09/01/05	Division_H	< 0.0049 U	< 0.0049 U	< 0.0049 U	--	--	< 0.015 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.2 U	--	< 0.2 U	< 0.0049 U	< 0.0049 U	--	--
042911192	SB12-001	0-1	09/01/05	Division_H	< 0.0056 U	< 0.0056 U	< 0.0056 U	--	--	< 0.017 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.2 U	--	< 0.2 U	< 0.0056 U	< 0.0056 U	--	--
042911193	SB12-002	7-8	09/01/05	Division_H	< 0.0055 U	< 0.0055 U	< 0.0055 U	--	--	< 0.016 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.21 U	--	< 0.21 U	< 0.0055 U	< 0.0055 U	--	--
	SP-3	2-4	01/27/11	Division_H	< 0.00067 U	< 0.00075 U	< 0.00066 U	--	--	< 0.00081 U	< 0.00078 U	< 0.00068 U	< 0.0009 U	< 0.00057 U	< 0.001 U	< 0.12 U	--	< 0.11 U	< 0.00075 U	< 0.00069 U	--	< 0.00047 U
	SP-3	12-14	01/27/11	Division_H	< 0.00059 U	< 0.00066 U	< 0.00059 U	--	--	< 0.00072 U	< 0.00068 U	< 0.0006 U	< 0.00079 U	< 0.0005 U	< 0.00091 U	--	--	--	< 0.00066 U	< 0.00061 U	--	< 0.00041 U
	SP-4	2-4	01/27/11	Division_H	< 0.0052 U	< 0.0046 U	< 0.0037 U	--	--	< 0.0023 U	0.57	< 0.015 U	< 0.02 U	< 0.009 U	< 0.014 U	< 0.11 U	--	< 0.1 U	< 0.011 U	< 0.014 U	--	< 0.0077 U
	SP-4	12-14	01/27/11	Division_H	< 0.00069 U	< 0.00076 U	< 0.00068 U	--	--	< 0.00083 U	< 0.00079 U	< 0.0007 U	< 0.00092 U	< 0.00058 U	< 0.0011 U	--	--	--	< 0.00076 U	< 0.00071 U	--	< 0.00048 U
	SP-5	4-6	01/27/11	Division_H	0.0095	0.049	0.011	--	--	0.058	< 0.00091 U	< 0.0008 U	< 0.0011 U	< 0.00067 U	< 0.0012 U	< 0.12 U	--	< 0.1 U	< 0.00088 U	< 0.00081 U	--	< 0.00055 U
	SP-5	12-14	01/27/11	Division_H	< 0.00066 U	< 0.00073 U	< 0.00065 U	--	--	< 0.00079 U	< 0.00076 U	< 0.00067 U	< 0.00088 U	< 0.00056 U	< 0.001 U	--	--	--	< 0.00073 U	< 0.00068 U	--	< 0.00046 U
	SP-6	5-7	01/27/11	Division_H	< 0.091 U	2.7	0.77	--	--	12	< 0.24 U	< 0.26 U	< 0.36 U	< 0.16 U	< 0.25 U	< 0.13 U	--	< 0.12 U	< 0.19 U	< 0.25 U	--	< 0.13 U
	SP-6	12-14	01/27/11	Division_H	< 0.00068 U	< 0.00076 U	< 0.00067 U	--	--	< 0.00082 U	< 0.00078 U	< 0.00069 U	< 0.00091 U	< 0.00058 U	< 0.001 U	--	--	--	< 0.00076 U	< 0.0007 U	--	< 0.00047 U
	SP-7	7-9	01/27/11	Division_H	0.42	28	1.4	--	--	54	< 0.35 U	< 0.37 U	< 0.52 U	< 0.23 U	< 0.35 U	< 0.63 U	--	< 0.56 U	< 0.28 U	< 0.37 U	--	< 0.2 U
	SP-7	12-14	01/27/11	Division_H	< 0.00064 U	< 0.00071 U	< 0.00063 U	--	--	< 0.00078 U	< 0.00074 U	< 0.00065 U	< 0.00086 U	< 0.00054 U	< 0.00098 U	--	--	--	< 0.00071 U	< 0.00066 U	--	< 0.00045 U
	SP-8	3-5	01/27/11	Division_H	< 0.00081 U	< 0.0009 U	< 0.0008 U	--	--	< 0.00098 U	< 0.00093 U	< 0.00082 U	< 0.0011 U	< 0.00069 U	< 0.0012 U	< 0.11 U	--	< 0.1 U	< 0.0009 U	< 0.00083 U	--	< 0.00056 U
	SP-8	12-14	01/27/11	Division_H	< 0.00066 U	< 0.00074 U	< 0.00065 U	--	--	< 0.0008 U	< 0.00076 U	< 0.00067 U	< 0.00088 U	< 0.00056 U	< 0.001 U	--	--	--	< 0.00074 U	< 0.00068 U	--	< 0.00046 U
	SP-9	5-7	01/27/11	Division_H	< 0.0012 U	< 0.0014 U	< 0.0012 U	--	--	< 0.0015 U	< 0.0014 U	< 0.0013 U	< 0.0017 U	< 0.0011 U	< 0.0019 U	< 0.15 U	--	< 0.13 U	< 0.0014 U	< 0.0013 U	--	< 0.00086 U
	SP-9	12-14	01/27/11	Division_H	< 0.00068 U	< 0.00076 U	< 0.00068 U	--	--	< 0.00083 U	< 0.00079 U	< 0.00069 U	< 0.00091 U	< 0.00058 U	< 0.001 U	--	--	--	< 0.00076 U	< 0.0007 U	--	< 0.00048 U
	SP-10	6-8	01/27/11	Division_H	0.044	0.7	0.076	--	--	0.47	< 0.025 U	< 0.027 U	< 0.038 U	< 0.016 U	< 0.026 U	< 0.14 U	--	< 0.13 U	< 0.02 U	< 0.027 U	--	< 0.014 U
	SP-10	12-14	01/27/11	Division_H	< 0.00067 U	< 0.00074 U	< 0.00066 U	--	--	< 0.0008 U	< 0.00077 U	< 0.00067 U	< 0.00089 U	< 0.00056 U	< 0.001 U	--	--	--	< 0.00074 U	< 0.00068 U	--	< 0.00046 U
	SP-13	2-4	01/28/11	Division_H	< 0.00066 U	< 0.00074 U	< 0.00065 U	--	--	< 0.0008 U	< 0.00076 U	< 0.00067 U	< 0.00088 U	< 0.00056 U	< 0.001 U	< 0.11 U	--	< 0.1 U	< 0.00074 U	< 0.00068 U	--	< 0.00046 U
	SP-13	12-14	01/28/11	Division_H	< 0.00064 U	< 0.00071 U	< 0.00063 U	--	--	< 0.00078 U	< 0.00074 U	< 0.00065 U	< 0.00086 U	< 0.00054 U	< 0.00098 U	--	--	--	< 0.00071 U	< 0.00066 U	--	< 0.00045 U
	SP-15	6-8	01/28/11	Division_H	0.058	0.051	0.035	--	--	0.19	< 0.016 U	< 0.017 U	< 0.024 U	< 0.011 U	< 0.016 U	< 0.025 U	--	< 0.022 U	< 0.013 U	< 0.017 U	--	< 0.009 U

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Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylene, o (mg/kg)	Xylenes, m + p (mg/kg)	Xylenes, Total (mg/kg)	1,1,1-Trichloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	1,1,2-Trichloroethane (mg/kg)	1,1-Dichloroethane (mg/kg)	1,1-Dichloroethene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,2-Dichloroethane (mg/kg)	1,2-Dichloropropane (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	1,3-Dichloropropene (mg/kg)
				Residential Soil SL:	1.2	5.8	4,900	650	550	580	8,100	0.6	1.1	3.6	230	24	58	1,800	0.46	1	780	NS
				Industrial Soil SL:	5.1	25	47,000	2,800	2,400	2,500	36,000	2.7	5	16	1,000	110	240	9,300	2	4.4	12,000	NS
				Soil Csat/Ceiling SL:	1,820	480	818	434	388	258	640	1,900	2,160	1,690	1,190	404	219	376	2,980	1,360	182	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	SP-15	12-14	01/28/11	Division_H	< 0.00064 U	< 0.00072 U	< 0.00064 U	--	--	< 0.00078 U	< 0.00074 U	< 0.00065 U	< 0.00086 U	< 0.00055 U	< 0.00098 U	--	--	--	< 0.00072 U	< 0.00066 U	--	< 0.00045 U
	SP-16	7-9	01/28/11	Division_H	3.1	1.2	0.77	--	--	0.87	< 0.016 U	< 0.017 U	< 0.024 U	0.13	< 0.016 U	< 0.13 U	--	< 0.11 U	< 0.013 U	< 0.017 U	--	< 0.009 U
	SP-16	12-14	01/28/11	Division_H	< 0.00068 U	< 0.00075 U	< 0.00067 U	--	--	< 0.00082 U	< 0.00078 U	< 0.00069 U	< 0.00091 U	< 0.00058 U	< 0.001 U	--	--	--	< 0.00075 U	< 0.0007 U	--	< 0.00047 U
	SP-17	7-9	01/28/11	Division_H	0.13	0.44	0.029	--	--	0.46	< 0.014 U	< 0.015 U	< 0.02 U	< 0.0089 U	< 0.014 U	< 0.12 U	--	< 0.11 U	< 0.011 U	< 0.014 U	--	< 0.0076 U
	SP-17	12-14	01/28/11	Division_H	0.16	8.5	< 0.037 U	--	--	2.6	< 0.13 U	< 0.14 U	< 0.2 U	< 0.088 U	< 0.14 U	--	--	--	< 0.11 U	< 0.14 U	--	< 0.075 U
	SS01	1-3	05/23/12	Division_H	< 0.0036	< 0.0061	0.017	--	--	0.037	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	< 0.0045	< 0.0077	0.039	--	--	0.078	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	< 0.0038	< 0.0064	0.015	--	--	0.035	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	0.025	< 0.012	0.11	--	--	0.23	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation reports.
Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate
BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons
ft = feet
mg/kg = milligrams per kilogram
SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as presented in the Multi-Site Risk Assessment Framework (RAF) Revision 0 (Exponent, September 2007) and RAF Addendum Revision 3 (Exponent, July 2014)
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addendum Revision 3 (Exponent, July 2014).

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	1,4-Dichlorobenzene (mg/kg)	1-Chloropropane (mg/kg)	2-Hexanone (mg/kg)	4-Methyl-2-pentanone (MIBK) (mg/kg)	Acetone (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	Carbon Disulfide (mg/kg)	Carbon Tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	cis-1,2-Dichloroethene (mg/kg)	cis-1,3-Dichloropropene (mg/kg)	Dibromochloromethane (mg/kg)	Dichloromethane (mg/kg)
				Residential Soil SL:	2.6	NS	200	5,300	61,000	0.29	67	6.8	770	0.65	280	14,000	0.32	110	160	1.8	0.73	57
				Industrial Soil SL:	11	NS	1,300	56,000	670,000	1.3	290	30	3,500	2.9	1,300	57,000	1.4	460	2,300	8.2	3.2	1,000
				Soil Csat/Ceiling SL:	NS	NS	3,280	3,360	114,000	931	NS	3,590	738	458	761	2,120	2,540	1,320	2,370	1,570	802	3,320
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	< 0.21 U	--	< 0.012 U	< 0.012 U	< 0.062 U	< 0.0062 U	< 0.0062 U	< 0.012 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.012 U	< 0.0062 U	< 0.012 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.012 U
042911166	SB01-002	9-10	09/01/05	Division_H	< 0.23 U	--	< 0.012 U	< 0.012 U	0.062	< 0.0061 U	< 0.0061 U	< 0.012 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.012 U	< 0.0061 U	< 0.012 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.012 U
042911167	SB01-003	13-14	09/01/05	Division_H	< 0.2 U	--	< 0.0095 U	< 0.0095 U	< 0.048 U	< 0.0048 U	< 0.0048 U	< 0.0095 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0095 U	< 0.0048 U	< 0.0095 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0095 U
042911168	SB02-001	0-1	09/01/05	Division_H	< 0.18 U	--	< 0.0097 U	< 0.0097 U	< 0.049 U	< 0.0049 U	< 0.0049 U	< 0.0097 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0097 U	< 0.0049 U	< 0.0097 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0097 U
042911169	SB02-002	5-6	09/01/05	Division_H	< 0.22 U	--	< 0.013 U	< 0.013 U	< 0.065 U	< 0.0065 U	< 0.0065 U	< 0.013 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.013 U	< 0.0065 U	< 0.013 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.013 U
042911170	SB03-001	0-1	09/01/05	Division_H	< 0.2 U	--	< 0.015 U	< 0.015 U	< 0.073 U	< 0.0073 U	< 0.0073 U	< 0.015 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.015 U	< 0.0073 U	< 0.015 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.015 U
042911171	SB03-002	5-6	09/01/05	Division_H	< 0.24 U	--	< 0.013 U	< 0.013 U	< 0.067 U	< 0.0067 U	< 0.0067 U	< 0.013 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.013 U	< 0.0067 U	< 0.013 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.013 U
042911172	SB03-003	7-8	09/01/05	Division_H	< 0.2 U	--	< 0.0088 U	< 0.0088 U	< 0.045 U	< 0.0045 U	< 0.0045 U	< 0.0088 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0088 U	< 0.0045 U	< 0.0088 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0088 U
042911173	SB04-001	2-3	09/01/05	Division_H	< 0.22 U	--	< 0.019 U	< 0.019 U	< 0.097 U	< 0.0097 U	< 0.0097 U	< 0.019 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.019 U	< 0.0097 U	< 0.019 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.019 U
042911174	SB04-002	8-9	09/01/05	Division_H	< 0.2 U	--	< 0.011 U	< 0.011 U	< 0.056 U	< 0.0056 U	< 0.0056 U	< 0.011 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.011 U	< 0.0056 U	< 0.011 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.011 U
042911175	SB05-001	1-2	09/01/05	Division_H	< 0.24 U	--	< 0.016 U	< 0.016 U	< 0.079 U	< 0.0079 U	< 0.0079 U	< 0.016 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.016 U	< 0.0079 U	< 0.016 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.016 U
042911176	SB05-002	4-5	09/01/05	Division_H	< 0.41 U	--	< 1.8 U	< 1.8 U	< 8.9 U	< 0.89 U	< 0.89 U	< 1.8 U	< 0.89 U	< 0.89 U	< 0.89 U	< 1.8 U	< 0.89 U	< 1.8 U	< 0.89 U	< 0.89 U	< 0.89 U	< 1.8 U
042911177	SB05-003	5-6	09/01/05	Division_H	< 0.2 U	--	< 0.0095 U	< 0.0095 U	< 0.047 U	< 0.0047 U	< 0.0047 U	< 0.0095 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0095 U	< 0.0047 U	< 0.0095 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0095 U
042911178	SB06-001	2-3	09/01/05	Division_H	< 1.4 U	--	< 0.018 U	< 0.018 U	< 0.09 U	< 0.009 U	< 0.009 U	< 0.018 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.018 U	< 0.009 U	< 0.018 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.018 U
042911179	SB06-002	6-7	09/01/05	Division_H	< 0.21 U	--	< 0.014 U	< 0.014 U	< 0.072 U	< 0.0072 U	< 0.0072 U	< 0.014 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.014 U	< 0.0072 U	< 0.014 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.014 U
042911180	SB06-003	10-11	09/01/05	Division_H	< 0.2 U	--	< 0.011 U	< 0.011 U	< 0.055 U	< 0.0055 U	< 0.0055 U	< 0.011 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.011 U	< 0.0055 U	< 0.011 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.011 U
042911181	SB07-001	1-2	09/01/05	Division_H	< 0.18 U	--	< 0.012 U	< 0.012 U	< 0.057 U	< 0.0057 U	< 0.0057 U	< 0.012 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.012 U	< 0.0057 U	< 0.012 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.012 U
042911182	SB07-002	8-9	09/01/05	Division_H	< 0.19 U	--	< 0.01 U	< 0.01 U	< 0.05 U	< 0.005 U	< 0.005 U	< 0.01 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.01 U	< 0.005 U	< 0.01 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.01 U
042911183	SB08-001	0-1	09/01/05	Division_H	< 0.18 U	--	< 0.011 U	< 0.011 U	< 0.054 U	< 0.0054 U	< 0.0054 U	< 0.011 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.011 U	< 0.0054 U	< 0.011 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.011 U
042911184	SB08-002	9-10	09/01/05	Division_H	< 0.2 U	--	< 0.01 U	< 0.01 U	< 0.051 U	< 0.0051 U	< 0.0051 U	< 0.01 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.01 U	< 0.0051 U	< 0.01 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.01 U
042911185	SB09-001	2-3	09/01/05	Division_H	< 0.22 U	--	< 0.013 U	< 0.013 U	< 0.068 U	< 0.0068 U	< 0.0068 U	< 0.013 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.013 U	< 0.0068 U	< 0.013 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.013 U
042911186	SB09-002	4-5	09/01/05	Division_H	< 0.26 U	--	< 0.017 U	< 0.017 U	< 0.087 U	< 0.0087 U	< 0.0087 U	< 0.017 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.017 U	< 0.0087 U	< 0.017 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.017 U
042911187	SB09-003	9-10	09/01/05	Division_H	< 0.2 U	--	< 0.011 U	< 0.011 U	< 0.053 U	< 0.0053 U	< 0.0053 U	< 0.011 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.011 U	< 0.0053 U	< 0.011 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.011 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	1,4-Dichlorobenzene (mg/kg)	1-Chloropropane (mg/kg)	2-Hexanone (mg/kg)	4-Methyl-2-pentanone (MIBK) (mg/kg)	Acetone (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	Carbon Disulfide (mg/kg)	Carbon Tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	cis-1,2-Dichloroethene (mg/kg)	cis-1,3-Dichloropropene (mg/kg)	Dibromochloromethane (mg/kg)	Dichloromethane (mg/kg)
				Residential Soil SL:	2.6	NS	200	5,300	61,000	0.29	67	6.8	770	0.65	280	14,000	0.32	110	160	1.8	0.73	57
				Industrial Soil SL:	11	NS	1,300	56,000	670,000	1.3	290	30	3,500	2.9	1,300	57,000	1.4	460	2,300	8.2	3.2	1,000
				Soil Csat/Ceiling SL:	NS	NS	3,280	3,360	114,000	931	NS	3,590	738	458	761	2,120	2,540	1,320	2,370	1,570	802	3,320
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
042911188	SB10-001	2-3	09/01/05	Division_H	< 0.22 U	--	< 0.021 U	< 0.021 U	< 0.11 U	< 0.011 U	< 0.011 U	< 0.021 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.021 U	< 0.011 U	< 0.021 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.021 U
042911189	SB10-002	6-7	09/01/05	Division_H	< 0.21 U	--	< 0.012 U	< 0.012 U	< 0.059 U	< 0.0059 U	< 0.0059 U	< 0.012 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.012 U	< 0.0059 U	< 0.012 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.012 U
042911190	SB11-001	0-1	09/01/05	Division_H	< 0.19 U	--	< 0.014 U	< 0.014 U	< 0.067 U	< 0.0067 U	< 0.0067 U	< 0.014 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.014 U	< 0.0067 U	< 0.014 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.014 U
042911191	SB11-002	8-9	09/01/05	Division_H	< 0.2 U	--	< 0.0099 U	< 0.0099 U	< 0.049 U	< 0.0049 U	< 0.0049 U	< 0.0099 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0099 U	< 0.0049 U	< 0.0099 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0099 U
042911192	SB12-001	0-1	09/01/05	Division_H	< 0.2 U	--	< 0.011 U	< 0.011 U	< 0.056 U	< 0.0056 U	< 0.0056 U	< 0.011 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.011 U	< 0.0056 U	< 0.011 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.011 U
042911193	SB12-002	7-8	09/01/05	Division_H	< 0.21 U	--	< 0.011 U	< 0.011 U	< 0.055 U	< 0.0055 U	< 0.0055 U	< 0.011 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.011 U	< 0.0055 U	< 0.011 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.011 U
	SP-3	2-4	01/27/11	Division_H	< 0.11 U	--	< 0.0023 U	--	0.0057	< 0.00072 U	< 0.00076 U	< 0.0017 U	< 0.00079 U	< 0.0011 U	< 0.00078 U	< 0.0013 U	< 0.00066 U	< 0.00092 U	< 0.0007 U	< 0.00047 U	< 0.00068 U	< 0.0017 U
	SP-3	12-14	01/27/11	Division_H	--	--	< 0.002 U	--	0.0082	< 0.00063 U	< 0.00067 U	< 0.0015 U	< 0.0007 U	< 0.00096 U	< 0.00068 U	< 0.0011 U	< 0.00059 U	< 0.00082 U	< 0.00062 U	< 0.00041 U	< 0.0006 U	< 0.0015 U
	SP-4	2-4	01/27/11	Division_H	< 0.1 U	--	< 0.044 U	--	< 0.11 U	< 0.018 U	< 0.024 U	< 0.031 U	< 0.018 U	< 0.021 U	< 0.01 U	< 0.028 U	< 0.0069 U	< 0.021 U	< 0.014 U	< 0.0077 U	< 0.019 U	< 0.028 U
	SP-4	12-14	01/27/11	Division_H	--	--	< 0.0023 U	--	0.02	< 0.00074 U	< 0.00077 U	< 0.0018 U	< 0.00081 U	< 0.0011 U	< 0.00079 U	< 0.0013 U	< 0.00068 U	< 0.00095 U	< 0.00072 U	< 0.00048 U	< 0.0007 U	< 0.0017 U
	SP-5	4-6	01/27/11	Division_H	< 0.11 U	--	< 0.0027 U	--	< 0.0023 U	< 0.00084 U	< 0.00089 U	< 0.002 U	0.0051 J	< 0.0013 U	< 0.00091 U	< 0.0015 U	< 0.00078 U	< 0.0011 U	< 0.00082 U	< 0.00055 U	< 0.0008 U	< 0.0019 U
	SP-5	12-14	01/27/11	Division_H	--	--	< 0.0022 U	--	0.01	< 0.0007 U	< 0.00074 U	< 0.0017 U	< 0.00078 U	< 0.0011 U	< 0.00076 U	< 0.0013 U	< 0.00065 U	< 0.0009 U	< 0.00068 U	< 0.00046 U	< 0.00067 U	< 0.0016 U
	SP-6	5-7	01/27/11	Division_H	< 0.12 U	--	< 0.77 U	--	< 1.9 U	< 0.32 U	< 0.42 U	< 0.55 U	< 0.32 U	< 0.37 U	< 0.18 U	< 0.49 U	< 0.12 U	< 0.36 U	< 0.24 U	< 0.13 U	< 0.34 U	< 0.49 U
	SP-6	12-14	01/27/11	Division_H	--	--	< 0.0023 U	--	0.005	< 0.00073 U	< 0.00077 U	< 0.0018 U	< 0.0008 U	< 0.0011 U	< 0.00078 U	< 0.0013 U	< 0.00067 U	< 0.00094 U	< 0.00071 U	< 0.00047 U	< 0.00069 U	< 0.0017 U
	SP-7	7-9	01/27/11	Division_H	< 0.58 U	--	< 1.1 U	--	< 2.8 U	< 0.46 U	< 0.61 U	< 0.79 U	< 0.47 U	< 0.53 U	< 0.26 U	< 0.7 U	< 0.17 U	< 0.52 U	< 0.35 U	< 0.2 U	< 0.49 U	< 0.71 U
	SP-7	12-14	01/27/11	Division_H	--	--	< 0.0022 U	--	0.0067	< 0.00069 U	< 0.00072 U	< 0.0017 U	< 0.00076 U	< 0.001 U	< 0.00074 U	< 0.0012 U	< 0.00063 U	< 0.00088 U	< 0.00067 U	< 0.00045 U	< 0.00065 U	< 0.0016 U
	SP-8	3-5	01/27/11	Division_H	< 0.1 U	--	< 0.0028 U	--	< 0.0024 U	< 0.00087 U	< 0.00091 U	< 0.0021 U	< 0.00096 U	< 0.0013 U	< 0.00093 U	< 0.0016 U	< 0.0008 U	< 0.0011 U	< 0.00084 U	< 0.00056 U	< 0.00082 U	< 0.002 U
	SP-8	12-14	01/27/11	Division_H	--	--	< 0.0023 U	--	0.0068	< 0.00071 U	< 0.00074 U	< 0.0017 U	< 0.00078 U	< 0.0011 U	< 0.00076 U	< 0.0013 U	< 0.00065 U	< 0.00091 U	< 0.00069 U	< 0.00046 U	< 0.00067 U	< 0.0016 U
	SP-9	5-7	01/27/11	Division_H	< 0.14 U	--	< 0.0042 U	--	0.046	< 0.0013 U	< 0.0014 U	< 0.0032 U	< 0.0015 U	< 0.002 U	< 0.0014 U	< 0.0024 U	< 0.0012 U	< 0.0017 U	< 0.0013 U	< 0.00086 U	< 0.0013 U	< 0.0031 U
	SP-9	12-14	01/27/11	Division_H	--	--	< 0.0023 U	--	< 0.002 U	< 0.00073 U	< 0.00077 U	< 0.0018 U	< 0.00081 U	< 0.0011 U	< 0.00079 U	< 0.0013 U	< 0.00068 U	< 0.00094 U	< 0.00071 U	< 0.00048 U	< 0.00069 U	< 0.0017 U
	SP-10	6-8	01/27/11	Division_H	< 0.13 U	--	< 0.081 U	--	< 0.2 U	< 0.034 U	< 0.044 U	< 0.057 U	< 0.034 U	< 0.039 U	< 0.019 U	< 0.051 U	< 0.013 U	< 0.038 U	< 0.026 U	< 0.014 U	< 0.035 U	< 0.052 U
	SP-10	12-14	01/27/11	Division_H	--	--	< 0.0023 U	--	0.012	< 0.00071 U	< 0.00075 U	< 0.0017 U	< 0.00079 U	< 0.0011 U	< 0.00077 U	< 0.0013 U	< 0.00066 U	< 0.00091 U	< 0.00069 U	< 0.00046 U	< 0.00067 U	< 0.0016 U
	SP-13	2-4	01/28/11	Division_H	< 0.1 U	--	< 0.0023 U	--	0.0036 J	< 0.00071 U	< 0.00074 U	< 0.0017 U	< 0.00078 U	< 0.0011 U	< 0.00076 U	< 0.0013 U	< 0.00065 U	< 0.00091 U	< 0.00069 U	< 0.00046 U	< 0.00067 U	< 0.0016 U
	SP-13	12-14	01/28/11	Division_H	--	--	< 0.0022 U	--	0.029	< 0.00069 U	< 0.00072 U	< 0.0017 U	< 0.00076 U	< 0.001 U	< 0.00074 U	< 0.0012 U	< 0.00063 U	< 0.00088 U	< 0.00067 U	< 0.00045 U	< 0.00065 U	< 0.0016 U
	SP-15	6-8	01/28/11	Division_H	< 0.023 U	--	< 0.052 U	--	< 0.13 U	< 0.021 U	< 0.028 U	< 0.037 U	< 0.022 U	< 0.025 U	< 0.012 U	< 0.032 U	< 0.0081 U	< 0.024 U	< 0.016 U	< 0.009 U	< 0.023 U	< 0.033 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	1,4-Dichlorobenzene (mg/kg)	1-Chloropropane (mg/kg)	2-Hexanone (mg/kg)	4-Methyl-2-pentanone (MIBK) (mg/kg)	Acetone (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	Carbon Disulfide (mg/kg)	Carbon Tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	cis-1,2-Dichloroethene (mg/kg)	cis-1,3-Dichloropropene (mg/kg)	Dibromochloromethane (mg/kg)	Dichloromethane (mg/kg)
					VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC
				Residential Soil SL:	2.6	NS	200	5,300	61,000	0.29	67	6.8	770	0.65	280	14,000	0.32	110	160	1.8	0.73	57
				Industrial Soil SL:	11	NS	1,300	56,000	670,000	1.3	290	30	3,500	2.9	1,300	57,000	1.4	460	2,300	8.2	3.2	1,000
				Soil Csat/Ceiling SL:	NS	NS	3,280	3,360	114,000	931	NS	3,590	738	458	761	2,120	2,540	1,320	2,370	1,570	802	3,320
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	SP-15	12-14	01/28/11	Division_H	--	--	< 0.0022 U	--	0.0083	< 0.00069 U	< 0.00072 U	< 0.0017 U	< 0.00076 U	< 0.001 U	< 0.00074 U	< 0.0012 U	< 0.00064 U	< 0.00089 U	< 0.00067 U	< 0.00045 U	< 0.00065 U	< 0.0016 U
	SP-16	7-9	01/28/11	Division_H	< 0.11 U	--	< 0.051 U	--	< 0.13 U	< 0.021 U	< 0.028 U	< 0.036 U	< 0.022 U	< 0.025 U	< 0.012 U	< 0.032 U	< 0.0081 U	< 0.024 U	< 0.016 U	< 0.009 U	< 0.022 U	< 0.033 U
	SP-16	12-14	01/28/11	Division_H	--	--	< 0.0023 U	--	0.0081	< 0.00073 U	< 0.00076 U	< 0.0018 U	< 0.0008 U	< 0.0011 U	< 0.00078 U	< 0.0013 U	< 0.00067 U	< 0.00093 U	< 0.00071 U	< 0.00047 U	< 0.00069 U	< 0.0017 U
	SP-17	7-9	01/28/11	Division_H	< 0.11 U	--	< 0.043 U	--	< 0.11 U	< 0.018 U	< 0.024 U	< 0.031 U	< 0.018 U	< 0.021 U	< 0.01 U	< 0.027 U	< 0.0068 U	< 0.02 U	< 0.014 U	< 0.0076 U	< 0.019 U	< 0.028 U
	SP-17	12-14	01/28/11	Division_H	--	--	< 0.43 U	--	< 1.1 U	< 0.18 U	< 0.24 U	< 0.3 U	< 0.18 U	< 0.21 U	< 0.1 U	< 0.27 U	< 0.068 U	< 0.2 U	< 0.14 U	< 0.075 U	< 0.19 U	< 0.28 U
	SS01	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep

Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate

BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons

ft = feet
mg/kg = milligrams per kilogram

SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addenc

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Methyl Ethyl Ketone (MEK) (mg/kg)	Methyl Isobutyl Ketone (mg/kg)	Methyl-tert-butyl-ether (mg/kg)	Styrene (mg/kg)	Tetrachloroethene (mg/kg)	trans-1,2-Dichloroethene (mg/kg)	trans-1,3-Dichloropropene (mg/kg)	Trichloroethene (mg/kg)	Vinyl Chloride (mg/kg)	2-Methylnaphthalene (mg/kg)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(ghi)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)
				Residential Soil SL:	27,000	NS	47	6,000	24	1,600	1.8	0.94	0.059	230	3,500	3,500	17,000	0.15	0.015	0.15	1,700	1.5
				Industrial Soil SL:	190,000	NS	210	35,000	100	23,000	8.2	6	1.7	3,000	45,000	45,000	230,000	2.9	0.29	2.9	23,000	29
				Soil Csat/Ceiling SL:	28,400	NS	8,870	867	166	1,670	1,570	692	3,920	NS	NS	NS	100,000	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.09	0.03	0.25	1.1	1.3	1.5	0.68	0.99
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	0.509	0.372	0.388	1.19	1.42	1.44	0.716	0.742
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	< 0.05 U	0.242	0.16	0.401	0.644	0.458	0.323	0.3
042911165	SB01-001	1-2	09/01/05	Division_H	< 0.012 U	--	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.21 U	0.074	< 0.041 U	0.3	0.75	0.39	0.57	0.18	0.31
042911166	SB01-002	9-10	09/01/05	Division_H	< 0.012 U	--	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	< 0.0061 U	0.25	0.32	0.34	1.2	2.4	1.6	1.9	0.71	0.95
042911167	SB01-003	13-14	09/01/05	Division_H	< 0.0095 U	--	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.0048 U	< 0.2 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U
042911168	SB02-001	0-1	09/01/05	Division_H	< 0.0097 U	--	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.18 U	0.12	0.31	0.65	2.7	1.4	2	0.66	0.94
042911169	SB02-002	5-6	09/01/05	Division_H	< 0.013 U	--	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.22 U	< 0.042 U	0.11	0.4	1.7	1.4	2.1	0.49	0.2
042911170	SB03-001	0-1	09/01/05	Division_H	< 0.015 U	--	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	< 0.0073 U	0.57	0.39	0.43	1.2	4.3	1.8	3.8	1.6	1.3
042911171	SB03-002	5-6	09/01/05	Division_H	< 0.013 U	--	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	7	16	12	17	17	9	8.5	3.3	3.1
042911172	SB03-003	7-8	09/01/05	Division_H	< 0.0088 U	--	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.0045 U	< 0.2 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
042911173	SB04-001	2-3	09/01/05	Division_H	< 0.019 U	--	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	< 0.0097 U	1.3	0.21	0.19	0.95	5.5	5.9	6.4	3.7	3.5
042911174	SB04-002	8-9	09/01/05	Division_H	< 0.011 U	--	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.2 U	< 0.03 U	0.079	0.14	0.95	0.87	1.1	0.41	0.37
042911175	SB05-001	1-2	09/01/05	Division_H	< 0.016 U	--	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	< 0.0079 U	1.4	1.1	22	4.5	20	20	12	10	16
042911176	SB05-002	4-5	09/01/05	Division_H	< 1.8 U	--	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	340	180	29	120	77	35	25	9.6	17
042911177	SB05-003	5-6	09/01/05	Division_H	< 0.0095 U	--	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	< 0.0047 U	0.57	0.24	0.14	0.23	0.18	0.085	0.058	0.031	0.058
042911178	SB06-001	2-3	09/01/05	Division_H	< 0.018 U	--	< 0.009 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.009 U	1.4	0.88	2.9	2.2	6.1	3.2	4.1	2.8	2.1
042911179	SB06-002	6-7	09/01/05	Division_H	< 0.014 U	--	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	0.27	6.1	11	8	6.5	3.3	1.4	0.53	0.5
042911180	SB06-003	10-11	09/01/05	Division_H	< 0.011 U	--	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.2 U	0.86	0.59	1.1	0.89	0.37	0.26	0.068	0.073
042911181	SB07-001	1-2	09/01/05	Division_H	< 0.012 U	--	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.18 U	0.2	0.064	0.61	2.7	1.4	2	0.5	0.99
042911182	SB07-002	8-9	09/01/05	Division_H	< 0.01 U	--	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.19 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.028 U
042911183	SB08-001	0-1	09/01/05	Division_H	< 0.011 U	--	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.18 U	0.16	0.12	0.46	1.6	1	1.3	0.41	0.61
042911184	SB08-002	9-10	09/01/05	Division_H	< 0.01 U	--	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.0051 U	< 0.2 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
042911185	SB09-001	2-3	09/01/05	Division_H	< 0.013 U	--	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	< 0.0068 U	1.1	< 0.043 U	0.16	0.29	1.6	1.2	1.7	1.1	0.61
042911186	SB09-002	4-5	09/01/05	Division_H	< 0.017 U	--	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	4.2	42	20	27	43	23	24	6.7	9.3
042911187	SB09-003	9-10	09/01/05	Division_H	< 0.011 U	--	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	0.28	0.33	0.28	0.34	0.49	0.21	0.18	0.055	0.09

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Methyl Ethyl Ketone (MEK) (mg/kg)	Methyl Isobutyl Ketone (mg/kg)	Methyl-tert-butyl-ether (mg/kg)	Styrene (mg/kg)	Tetrachloroethene (mg/kg)	trans-1,2-Dichloroethene (mg/kg)	trans-1,3-Dichloropropene (mg/kg)	Trichloroethene (mg/kg)	Vinyl Chloride (mg/kg)	2-Methylnaphthalene (mg/kg)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(ghi)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)
				Residential Soil SL:	27,000	NS	47	6,000	24	1,600	1.8	0.94	0.059	230	3,500	3,500	17,000	0.15	0.015	0.15	1,700	1.5
				Industrial Soil SL:	190,000	NS	210	35,000	100	23,000	8.2	6	1.7	3,000	45,000	45,000	230,000	2.9	0.29	2.9	23,000	29
				Soil Csat/Ceiling SL:	28,400	NS	8,870	867	166	1,670	1,570	692	3,920	NS	NS	NS	100,000	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.09	0.03	0.25	1.1	1.3	1.5	0.68	0.99
042911188	SB10-001	2-3	09/01/05	Division_H	< 0.021 U	--	< 0.011 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.011 U	< 0.011 U	1.4	0.19	0.094	0.72	7.2	9.3	11	5.1	4.1
042911189	SB10-002	6-7	09/01/05	Division_H	< 0.012 U	--	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.0059 U	< 0.21 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U
042911190	SB11-001	0-1	09/01/05	Division_H	< 0.014 U	--	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	< 0.0067 U	1.1	0.15	1.7	0.82	2.6	2	3.8	1.1	0.8
042911191	SB11-002	8-9	09/01/05	Division_H	< 0.0099 U	--	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.0049 U	< 0.2 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
042911192	SB12-001	0-1	09/01/05	Division_H	< 0.011 U	--	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	0.43	0.088	0.66	0.55	3.4	2.9	3.5	1.3	1.4
042911193	SB12-002	7-8	09/01/05	Division_H	< 0.011 U	--	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.0055 U	< 0.21 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U
	SP-3	2-4	01/27/11	Division_H	< 0.0021 U	< 0.00094 U	< 0.00081 U	< 0.00077 U	< 0.00085 U	< 0.0008 U	< 0.00068 U	< 0.00071 U	< 0.00088 U	0.39 J	0.61	0.63	3.1	6.3	7.9	6	5.4	5.9
	SP-3	12-14	01/27/11	Division_H	< 0.0019 U	< 0.00083 U	< 0.00072 U	< 0.00068 U	< 0.00075 U	< 0.00071 U	< 0.0006 U	< 0.00063 U	< 0.00077 U	--	< 0.0083 U	< 0.0061 U	< 0.0072 U	< 0.0085 U	< 0.0076 U	< 0.0082 U	0.03 J	< 0.0093 U
	SP-4	2-4	01/27/11	Division_H	< 0.088 U	< 0.052 U	< 0.014 U	< 0.015 U	< 0.013 U	< 0.016 U	< 0.017 U	< 0.0046 U	< 0.0038 U	0.32 J	0.63	0.3	1.7	4	5.2	4.4	3.6	4.1
	SP-4	12-14	01/27/11	Division_H	< 0.0022 U	< 0.00096 U	< 0.00083 U	< 0.00078 U	< 0.00087 U	< 0.00082 U	< 0.0007 U	< 0.00073 U	< 0.0009 U	--	< 0.0081 U	< 0.006 U	< 0.0071 U	< 0.0083 U	< 0.0074 U	< 0.008 U	0.026 J	< 0.0091 U
	SP-5	4-6	01/27/11	Division_H	< 0.0025 U	< 0.0011 U	< 0.00095 U	< 0.0009 U	< 0.001 U	< 0.00094 U	< 0.0008 U	< 0.00083 U	< 0.001 U	3.8	2.5	2.2	1.4	1.1	2.1	1.4	1.6	1.3
	SP-5	12-14	01/27/11	Division_H	< 0.0021 U	< 0.00092 U	< 0.00079 U	< 0.00075 U	< 0.00083 U	< 0.00079 U	< 0.00067 U	< 0.00069 U	< 0.00086 U	--	< 0.008 U	< 0.0059 U	< 0.007 U	0.013 J	0.014 J	< 0.0079 U	0.026 J	< 0.0089 U
	SP-6	5-7	01/27/11	Division_H	< 1.5 U	< 0.91 U	< 0.24 U	< 0.26 U	< 0.23 U	< 0.28 U	< 0.29 U	< 0.081 U	< 0.067 U	46	4.4	9.8	18	11	9.5	5.5	5.6	5.9
	SP-6	12-14	01/27/11	Division_H	< 0.0022 U	< 0.00095 U	< 0.00082 U	< 0.00077 U	< 0.00086 U	< 0.00081 U	< 0.00069 U	< 0.00072 U	< 0.00089 U	--	< 0.0081 U	< 0.006 U	< 0.0071 U	< 0.0083 U	< 0.0074 U	< 0.008 U	0.031 J	< 0.0091 U
	SP-7	7-9	01/27/11	Division_H	< 2.2 U	< 1.3 U	< 0.35 U	< 0.37 U	< 0.34 U	< 0.41 U	< 0.42 U	< 0.12 U	< 0.097 U	100	26	3.7	18	11	7.1	4.7	2.7	2.1
	SP-7	12-14	01/27/11	Division_H	< 0.0021 U	< 0.0009 U	< 0.00078 U	< 0.00073 U	< 0.00081 U	< 0.00077 U	< 0.00065 U	< 0.00068 U	< 0.00084 U	--	< 0.0081 U	< 0.006 U	< 0.007 U	< 0.0083 U	< 0.0074 U	< 0.008 U	0.034 J	< 0.009 U
	SP-8	3-5	01/27/11	Division_H	< 0.0026 U	< 0.0011 U	< 0.00098 U	< 0.00092 U	< 0.001 U	< 0.00097 U	< 0.00082 U	< 0.00086 U	< 0.0011 U	0.85 J	1.7	0.7	6.7	12	11	8.7	6.6	8.4
	SP-8	12-14	01/27/11	Division_H	< 0.0021 U	< 0.00093 U	< 0.0008 U	< 0.00075 U	< 0.00084 U	< 0.00079 U	< 0.00067 U	< 0.0007 U	< 0.00086 U	--	< 0.0082 U	< 0.0061 U	< 0.0072 U	< 0.0084 U	< 0.0076 U	< 0.0081 U	0.033 J	< 0.0092 U
	SP-9	5-7	01/27/11	Division_H	0.011	< 0.0017 U	< 0.0015 U	< 0.0014 U	< 0.0016 U	< 0.0015 U	< 0.0013 U	< 0.0013 U	< 0.0016 U	8.8	13	3.5	47	94	93	110	45	52
	SP-9	12-14	01/27/11	Division_H	< 0.0022 U	< 0.00096 U	< 0.00083 U	< 0.00078 U	< 0.00087 U	< 0.00082 U	< 0.00069 U	< 0.00072 U	< 0.00089 U	--	< 0.0078 U	< 0.0058 U	< 0.0068 U	< 0.008 U	< 0.0072 U	< 0.0077 U	0.033 J	< 0.0088 U
	SP-10	6-8	01/27/11	Division_H	< 0.16 U	< 0.095 U	< 0.026 U	0.18	< 0.024 U	< 0.03 U	< 0.03 U	< 0.0085 U	< 0.0071 U	1.8	0.37	5.5	3.5	20	22	39	35	26
	SP-10	12-14	01/27/11	Division_H	< 0.0021 U	< 0.00093 U	< 0.0008 U	< 0.00076 U	< 0.00084 U	< 0.00079 U	< 0.00067 U	< 0.0007 U	< 0.00087 U	--	< 0.0079 U	< 0.0059 U	< 0.0069 U	< 0.0081 U	< 0.0073 U	< 0.0079 U	0.035 J	< 0.0089 U
	SP-13	2-4	01/28/11	Division_H	< 0.0021 U	< 0.00093 U	< 0.0008 U	< 0.00075 U	< 0.00084 U	< 0.00079 U	< 0.00067 U	< 0.0007 U	< 0.00086 U	0.16 J	0.37	0.19	1.1	3.4	4.7	6.3	3.1	2.6
	SP-13	12-14	01/28/11	Division_H	0.0037 J	< 0.0009 U	< 0.00078 U	< 0.00073 U	< 0.00081 U	< 0.00077 U	< 0.00065 U	< 0.00068 U	< 0.00084 U	--	< 0.0084 U	< 0.0062 U	< 0.0073 U	0.019 J	0.02 J	0.028 J	0.051	0.014 J
	SP-15	6-8	01/28/11	Division_H	< 0.1 U	< 0.061 U	< 0.016 U	< 0.017 U	< 0.016 U	< 0.019 U	< 0.019 U	< 0.0054 U	< 0.0045 U	0.93	1.4	0.47	0.77	1.3	1.6	1.6	0.97	0.79

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Methyl Ethyl Ketone (MEK) (mg/kg)	Methyl Isobutyl Ketone (mg/kg)	Methyl-tert-butyl-ether (mg/kg)	Styrene (mg/kg)	Tetrachloroethene (mg/kg)	trans-1,2-Dichloroethene (mg/kg)	trans-1,3-Dichloropropene (mg/kg)	Trichloroethene (mg/kg)	Vinyl Chloride (mg/kg)	2-Methylnaphthalene (mg/kg)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(ghi)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)
					VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
				Residential Soil SL:	27,000	NS	47	6,000	24	1,600	1.8	0.94	0.059	230	3,500	3,500	17,000	0.15	0.015	0.15	1,700	1.5
				Industrial Soil SL:	190,000	NS	210	35,000	100	23,000	8.2	6	1.7	3,000	45,000	45,000	230,000	2.9	0.29	2.9	23,000	29
				Soil Csat/Ceiling SL:	28,400	NS	8,870	867	166	1,670	1,570	692	3,920	NS	NS	NS	100,000	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.09	0.03	0.25	1.1	1.3	1.5	0.68	0.99
	SP-15	12-14	01/28/11	Division_H	< 0.0021 U	< 0.0009 U	< 0.00078 U	< 0.00073 U	< 0.00081 U	< 0.00077 U	< 0.00065 U	< 0.00068 U	< 0.00084 U	--	< 0.0081 U	< 0.006 U	< 0.0071 U	< 0.0083 U	< 0.0074 U	< 0.008 U	< 0.0094 U	< 0.0091 U
	SP-16	7-9	01/28/11	Division_H	< 0.1 U	< 0.06 U	< 0.016 U	0.12	< 0.015 U	< 0.019 U	< 0.019 U	< 0.0054 U	< 0.0045 U	7.2	2.7	2.8	6.1	9.1	9.8	11	5.6	5.6
	SP-16	12-14	01/28/11	Division_H	< 0.0022 U	< 0.00095 U	< 0.00082 U	< 0.00077 U	< 0.00086 U	< 0.00081 U	< 0.00069 U	< 0.00072 U	< 0.00089 U	--	< 0.0078 U	< 0.0058 U	< 0.0068 U	< 0.008 U	< 0.0072 U	< 0.0078 U	0.036 J	< 0.0088 U
	SP-17	7-9	01/28/11	Division_H	< 0.087 U	< 0.051 U	< 0.014 U	< 0.014 U	< 0.013 U	< 0.016 U	< 0.016 U	< 0.0046 U	< 0.0038 U	1.6	9.8	9	18	15	15	12	5.1	5.6
	SP-17	12-14	01/28/11	Division_H	< 0.86 U	< 0.51 U	< 0.14 U	< 0.14 U	< 0.13 U	< 0.16 U	< 0.16 U	< 0.045 U	< 0.038 U	--	1.4	15	8.6	1.4	1.2	0.69	0.46	0.53
	SS01	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	0.077 J	0.12 J	0.45	2.4	3.5	4	2.7	1.9
	SS01	3-5	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	< 0.059	0.3	0.36	3.9	4.2	5.2	3.7	2.8
	SS06	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	0.044	0.054	0.17	0.89	0.91	1.2	0.7	0.56
	SS06	4-6	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	0.2 J	1.3	1.8	17	24	25	21	15

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep

Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate

BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons

ft = feet
mg/kg = milligrams per kilogram

SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addend

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Chrysene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Naphthalene (PAH) (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	2,2-Oxybis(1-chloropropane) (mg/kg)	2,4-Dinitrotoluene (mg/kg)	2,6-Dinitrotoluene (mg/kg)	2-Chloronaphthalene (mg/kg)	2-Nitroaniline (mg/kg)	3,3-Dichlorobenzidine (mg/kg)	3-Nitroaniline (mg/kg)	4-Bromodiphenyl ether (mg/kg)	4-Chloroaniline (mg/kg)	4-Chlorodiphenyl ether (mg/kg)
				Residential Soil SL:	15	0.015	2,300	2,300	0.15	3.8	17,000	1,700	4.9	1.7	0.36	6,300	610	1.2	NS	NS	2.7	NS
				Industrial Soil SL:	290	0.29	30,000	30,000	2.9	17	230,000	23,000	22	7.4	1.5	93,000	8,000	5.1	NS	NS	12	NS
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	100,000	NS	1,020	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	1.2	0.2	2.7	0.1	0.86	0.04	1.3	1.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
062911052	B-1	8-10	09/11/99	Division_H	1.17	0.238	1.9	0.371	1.04	0.553	0.927	1.94	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	0.389	0.11	0.37	< 0.05 U	0.376	0.051	0.096	0.656	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	0.81	0.07	1.6	0.12	0.16	0.15	1.3	1.2	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.99 U	< 0.41 U	< 0.99 U	< 0.21 U	< 0.21 U	< 0.21 U
042911166	SB01-002	9-10	09/01/05	Division_H	2.2	0.27	3.5	0.54	0.76	0.76	2.4	3.3	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 1.1 U	< 0.44 U	< 1.1 U	< 0.23 U	< 0.23 U	< 0.23 U
042911167	SB01-003	13-14	09/01/05	Division_H	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.94 U	< 0.39 U	< 0.94 U	< 0.2 U	< 0.2 U	< 0.2 U
042911168	SB02-001	0-1	09/01/05	Division_H	2.5	0.26	4.8	0.18	0.64	0.15	2.4	4.8	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.85 U	< 0.36 U	< 0.85 U	< 0.18 U	< 0.18 U	< 0.18 U
042911169	SB02-002	5-6	09/01/05	Division_H	1.5	0.17	2.1	0.081	0.54	0.97	0.62	2.3	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.42 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U
042911170	SB03-001	0-1	09/01/05	Division_H	3.6	0.55	6.3	0.54	1.5	0.94	4.5	5.6	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.39 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U
042911171	SB03-002	5-6	09/01/05	Division_H	16	0.98	19	20	3	21	11	30	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 1.1 U	< 0.47 U	< 1.1 U	< 0.24 U	< 0.24 U	< 0.24 U
042911172	SB03-003	7-8	09/01/05	Division_H	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	0.045	0.033	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.39 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U
042911173	SB04-001	2-3	09/01/05	Division_H	5.3	0.96	6.3	0.22	3.4	1.7	4.4	5.8	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.42 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U
042911174	SB04-002	8-9	09/01/05	Division_H	0.88	0.14	0.8	0.066	0.43	0.46	0.48	0.8	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.97 U	< 0.4 U	< 0.97 U	< 0.2 U	< 0.2 U	< 0.2 U
042911175	SB05-001	1-2	09/01/05	Division_H	22	3.6	17	2.3	8.1	4.6	4.8	38	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 1.1 U	< 0.46 U	< 1.1 U	< 0.24 U	< 0.24 U	< 0.24 U
042911176	SB05-002	4-5	09/01/05	Division_H	84	3	120	150	8.1	330	390	210	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 1.9 U	< 0.79 U	< 1.9 U	< 0.41 U	< 0.41 U	< 0.41 U
042911177	SB05-003	5-6	09/01/05	Division_H	0.2	< 0.03 U	0.4	0.3	< 0.03 U	2.1	1	0.57	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.39 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U
042911178	SB06-001	2-3	09/01/05	Division_H	6	0.93	7.2	1.1	2.6	9.5	7.1	8.9	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 6.4 U	< 2.6 U	< 6.4 U	< 1.4 U	< 1.4 U	< 1.4 U
042911179	SB06-002	6-7	09/01/05	Division_H	6.3	0.21	8	8.9	0.42	0.79	3.7	16	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 1 U	< 0.41 U	< 1 U	< 0.21 U	< 0.21 U	< 0.21 U
042911180	SB06-003	10-11	09/01/05	Division_H	0.85	0.038	1.1	1	0.06	0.05	0.65	2	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.92 U	< 0.38 U	< 0.92 U	< 0.2 U	< 0.2 U	< 0.2 U
042911181	SB07-001	1-2	09/01/05	Division_H	2.2	0.27	4.9	0.22	0.53	0.068	2.7	3.9	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.85 U	< 0.35 U	< 0.85 U	< 0.18 U	< 0.18 U	< 0.18 U
042911182	SB07-002	8-9	09/01/05	Division_H	0.048	< 0.028 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.028 U	0.041	0.044	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.91 U	< 0.37 U	< 0.91 U	< 0.19 U	< 0.19 U	< 0.19 U
042911183	SB08-001	0-1	09/01/05	Division_H	1.4	0.22	2.8	0.22	0.43	0.29	1.9	2.5	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.86 U	< 0.35 U	< 0.86 U	< 0.18 U	< 0.18 U	< 0.18 U
042911184	SB08-002	9-10	09/01/05	Division_H	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.94 U	< 0.39 U	< 0.94 U	< 0.2 U	< 0.2 U	< 0.2 U
042911185	SB09-001	2-3	09/01/05	Division_H	1.6	0.41	1.6	< 0.043 U	1.1	2.9	1.3	1.4	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.43 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U
042911186	SB09-002	4-5	09/01/05	Division_H	42	3.8	54	42	7.3	6.6	9.1	82	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 1.2 U	< 0.51 U	< 1.2 U	< 0.26 U	< 0.26 U	< 0.26 U
042911187	SB09-003	9-10	09/01/05	Division_H	0.46	0.03	0.62	0.4	0.05	0.072	0.58	1	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.38 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Chrysene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Naphthalene (PAH) (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	2,2-Oxybis(1-chloropropane) (mg/kg)	2,4-Dinitrotoluene (mg/kg)	2,6-Dinitrotoluene (mg/kg)	2-Chloronaphthalene (mg/kg)	2-Nitroaniline (mg/kg)	3,3-Dichlorobenzidine (mg/kg)	3-Nitroaniline (mg/kg)	4-Bromodiphenyl ether (mg/kg)	4-Chloroaniline (mg/kg)	4-Chlorodiphenyl ether (mg/kg)
				Residential Soil SL:	15	0.015	2,300	2,300	0.15	3.8	17,000	1,700	4.9	1.7	0.36	6,300	610	1.2	NS	NS	2.7	NS
				Industrial Soil SL:	290	0.29	30,000	30,000	2.9	17	230,000	23,000	22	7.4	1.5	93,000	8,000	5.1	NS	NS	12	NS
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	100,000	NS	1,020	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	1.2	0.2	2.7	0.1	0.86	0.04	1.3	1.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
042911188	SB10-001	2-3	09/01/05	Division_H	6.3	1.7	5.8	0.12	4.9	5.5	2.9	4.9	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.42 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U
042911189	SB10-002	6-7	09/01/05	Division_H	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.97 U	< 0.4 U	< 0.97 U	< 0.21 U	< 0.21 U	< 0.21 U
042911190	SB11-001	0-1	09/01/05	Division_H	2.5	0.53	2.6	0.41	0.98	1.3	1.8	3.5	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.89 U	< 0.37 U	< 0.89 U	< 0.19 U	< 0.19 U	< 0.19 U
042911191	SB11-002	8-9	09/01/05	Division_H	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.39 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U
042911192	SB12-001	0-1	09/01/05	Division_H	2.9	0.58	3.4	0.24	1.3	0.83	1.6	3.6	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.96 U	< 0.4 U	< 0.96 U	< 0.2 U	< 0.2 U	< 0.2 U
042911193	SB12-002	7-8	09/01/05	Division_H	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.03 U	0.044	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.97 U	< 0.4 U	< 0.97 U	< 0.21 U	< 0.21 U	< 0.21 U
	SP-3	2-4	01/27/11	Division_H	8.4	0.93	13	1.1	3.9	0.65	9.3	12	< 0.21 U	< 0.2 U	< 0.13 U	< 0.078 U	< 0.11 U	< 0.14 U	< 0.34 U	< 0.12 U	< 0.61 U	< 0.21 U
	SP-3	12-14	01/27/11	Division_H	0.035 J	< 0.01 U	< 0.0074 U	< 0.0076 U	< 0.01 U	< 0.0072 U	0.058	< 0.014 U	--	--	--	--	--	--	--	--	--	--
	SP-4	2-4	01/27/11	Division_H	5.4	0.52	9.3	0.73	2.6	0.37	6.7	7.9	< 0.2 U	< 0.19 U	< 0.12 U	< 0.074 U	< 0.11 U	< 0.14 U	< 0.32 U	< 0.11 U	< 0.58 U	< 0.2 U
	SP-4	12-14	01/27/11	Division_H	0.024 J	< 0.0098 U	< 0.0072 U	< 0.0074 U	< 0.0099 U	< 0.007 U	0.023 J	< 0.013 U	--	--	--	--	--	--	--	--	--	--
	SP-5	4-6	01/27/11	Division_H	1.6	0.24	1.8	2.2	1.1	22	2.5	2.4	< 0.21 U	< 0.2 U	< 0.13 U	< 0.076 U	< 0.11 U	< 0.14 U	< 0.33 U	< 0.12 U	< 0.6 U	< 0.21 U
	SP-5	12-14	01/27/11	Division_H	0.033 J	< 0.0096 U	0.021 J	< 0.0073 U	< 0.0097 U	< 0.0069 U	0.026 J	0.026 J	--	--	--	--	--	--	--	--	--	--
	SP-6	5-7	01/27/11	Division_H	13	1.1	22	18	4	20	70	30	< 0.23 U	< 0.22 U	< 0.14 U	< 0.086 U	< 0.13 U	< 0.16 U	< 0.37 U	< 0.13 U	< 0.68 U	< 0.24 U
	SP-6	12-14	01/27/11	Division_H	0.029 J	< 0.0098 U	0.0095 J	< 0.0074 U	< 0.0098 U	< 0.007 U	0.056	0.02 J	--	--	--	--	--	--	--	--	--	--
	SP-7	7-9	01/27/11	Division_H	8.9	0.44 J	14	18	2.2	110	57	22	< 1.1 U	< 1.1 U	< 0.69 U	< 0.41 U	< 0.6 U	< 0.76 U	< 1.8 U	< 0.63 U	< 3.3 U	< 1.1 U
	SP-7	12-14	01/27/11	Division_H	0.035 J	< 0.0097 U	< 0.0072 U	< 0.0074 U	< 0.0098 U	< 0.007 U	0.059	< 0.013 U	--	--	--	--	--	--	--	--	--	--
	SP-8	3-5	01/27/11	Division_H	14	1.5	30	2.9	5.3	1.1	25	26	< 0.2 U	< 0.19 U	< 0.12 U	< 0.074 U	< 0.11 U	< 0.14 U	< 0.32 U	< 0.11 U	< 0.58 U	< 0.2 U
	SP-8	12-14	01/27/11	Division_H	0.032 J	< 0.0099 U	0.0076 J	< 0.0075 U	< 0.01 U	< 0.0071 U	0.062	0.019 J	--	--	--	--	--	--	--	--	--	--
	SP-9	5-7	01/27/11	Division_H	91	5.3	220	28	44	27	170	180	< 0.26 U	< 0.25 U	< 0.16 U	< 0.096 U	< 0.14 U	< 0.18 U	< 0.42 U	< 0.15 U	< 0.76 U	< 0.27 U
	SP-9	12-14	01/27/11	Division_H	0.039	< 0.0095 U	0.0089 J	< 0.0071 U	< 0.0095 U	< 0.0068 U	0.089	0.018 J	--	--	--	--	--	--	--	--	--	--
	SP-10	6-8	01/27/11	Division_H	27	5.1	9.5	2	26	1.9	4.2	20	< 0.25 U	< 0.24 U	< 0.16 U	< 0.094 U	< 0.14 U	< 0.17 U	< 0.41 U	< 0.14 U	< 0.74 U	< 0.26 U
	SP-10	12-14	01/27/11	Division_H	0.038	< 0.0096 U	< 0.0071 U	< 0.0072 U	< 0.0097 U	< 0.0069 U	0.03 J	0.017 J	--	--	--	--	--	--	--	--	--	--
	SP-13	2-4	01/28/11	Division_H	3.5	0.79	6.6	0.41	2.9	0.24	4.1	6.5	< 0.2 U	< 0.19 U	< 0.12 U	< 0.074 U	< 0.11 U	< 0.14 U	< 0.32 U	< 0.11 U	< 0.59 U	< 0.2 U
	SP-13	12-14	01/28/11	Division_H	0.038 J	< 0.01 U	0.036 J	< 0.0076 U	0.015 J	< 0.0072 U	0.019 J	0.052	--	--	--	--	--	--	--	--	--	--
	SP-15	6-8	01/28/11	Division_H	1.3	0.37	1.8	1.1	0.79	< 0.0073 U	2.3	2.4	< 0.043 U	< 0.041 U	< 0.027 U	< 0.016 U	< 0.023 U	< 0.029 U	< 0.07 U	< 0.025 U	2	< 0.044 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Chrysene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Naphthalene (PAH) (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	2,2-Oxybis(1-chloropropane) (mg/kg)	2,4-Dinitrotoluene (mg/kg)	2,6-Dinitrotoluene (mg/kg)	2-Chloronaphthalene (mg/kg)	2-Nitroaniline (mg/kg)	3,3-Dichlorobenzidine (mg/kg)	3-Nitroaniline (mg/kg)	4-Bromodiphenyl ether (mg/kg)	4-Chloroaniline (mg/kg)	4-Chlorodiphenyl ether (mg/kg)
				Residential Soil SL:	15	0.015	2,300	2,300	0.15	3.8	17,000	1,700	4.9	1.7	0.36	6,300	610	1.2	NS	NS	2.7	NS
				Industrial Soil SL:	290	0.29	30,000	30,000	2.9	17	230,000	23,000	22	7.4	1.5	93,000	8,000	5.1	NS	NS	12	NS
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	100,000	NS	1,020	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	1.2	0.2	2.7	0.1	0.86	0.04	1.3	1.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	SP-15	12-14	01/28/11	Division_H	0.026 J	< 0.0098 U	< 0.0072 U	< 0.0074 U	< 0.0098 U	< 0.007 U	0.054	< 0.013 U	--	--	--	--	--	--	--	--	--	--
	SP-16	7-9	01/28/11	Division_H	8	2	15	5.6	5.5	22	14	14	< 0.22 U	< 0.21 U	< 0.14 U	< 0.082 U	< 0.12 U	< 0.15 U	< 0.36 U	< 0.13 U	< 0.65 U	< 0.23 U
	SP-16	12-14	01/28/11	Division_H	0.039	< 0.0095 U	< 0.007 U	< 0.0072 U	< 0.0095 U	< 0.0068 U	0.053	0.017 J	--	--	--	--	--	--	--	--	--	--
	SP-17	7-9	01/28/11	Division_H	19	2.1	20	19	4.3	9.4	51	31	< 0.21 U	< 0.2 U	< 0.13 U	< 0.08 U	< 0.12 U	< 0.15 U	< 0.35 U	< 0.12 U	< 0.63 U	< 0.22 U
	SP-17	12-14	01/28/11	Division_H	1.4	0.15	4.1	12	0.37	11	23	5.8	--	--	--	--	--	--	--	--	--	--
	SS01	1-3	05/23/12	Division_H	2.3	1	2.3	0.12 J	2.5	1.1	1.8	2.5	--	--	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	3.4	1.4	1.7	< 0.044	3.6	2.5	1.4	2.2	--	--	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	0.92	0.26	1.3	0.053	0.62	0.095	0.79	1.3	--	--	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	15	7.2	17	0.27	20 *	4.6	10	17	--	--	--	--	--	--	--	--	--	--

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep

Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate

BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons

ft = feet
mg/kg = milligrams per kilogram

SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addend

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	4-Nitroaniline (mg/kg)	Aniline (mg/kg)	Benzidine (mg/kg)	Benzoic acid (mg/kg)	Benzyl alcohol (mg/kg)	Bis(2-chloroethoxy)methane (mg/kg)	Bis(2-Chloroethyl)ether (mg/kg)	Bis(2-Ethylhexyl)phthalate (mg/kg)	Butyl benzyl phthalate (mg/kg)	Carbazole (mg/kg)	Dibenzofuran (mg/kg)	Diethyl phthalate (mg/kg)	Dimethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Hexachlorobenzene (mg/kg)	Hexachlorobutadiene (mg/kg)	Hexachlorocyclopentadiene (mg/kg)
				Residential Soil SL:	27	93	0.00052	250,000	6,200	180	0.23	38	280	NS	72	49,000	NS	6,200	620	0.33	6.8	370
				Industrial Soil SL:	120	410	0.01	3,300,000	82,000	2,500	1	160	1,200	NS	1,000	660,000	NS	82,000	8,200	1.4	30	4,900
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	5,050	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	< 0.99 U	--	--	--	--	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
042911166	SB01-002	9-10	09/01/05	Division_H	< 1.1 U	--	--	--	--	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	0.46	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
042911167	SB01-003	13-14	09/01/05	Division_H	< 0.94 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911168	SB02-001	0-1	09/01/05	Division_H	< 0.85 U	--	--	--	--	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
042911169	SB02-002	5-6	09/01/05	Division_H	< 1 U	--	--	--	--	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U
042911170	SB03-001	0-1	09/01/05	Division_H	< 0.93 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.48	0.37	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911171	SB03-002	5-6	09/01/05	Division_H	< 1.1 U	--	--	--	--	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	0.44	2.7	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
042911172	SB03-003	7-8	09/01/05	Division_H	< 0.93 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911173	SB04-001	2-3	09/01/05	Division_H	< 1 U	--	--	--	--	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	0.49	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U
042911174	SB04-002	8-9	09/01/05	Division_H	< 0.97 U	--	--	--	--	< 0.2 U	< 0.2 U	0.31	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911175	SB05-001	1-2	09/01/05	Division_H	< 1.1 U	--	--	--	--	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	0.38	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
042911176	SB05-002	4-5	09/01/05	Division_H	< 1.9 U	--	--	--	--	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	13	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
042911177	SB05-003	5-6	09/01/05	Division_H	< 0.93 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911178	SB06-001	2-3	09/01/05	Division_H	< 6.4 U	--	--	--	--	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	1.6	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
042911179	SB06-002	6-7	09/01/05	Division_H	< 1 U	--	--	--	--	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	1.2	1.8	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
042911180	SB06-003	10-11	09/01/05	Division_H	< 0.92 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911181	SB07-001	1-2	09/01/05	Division_H	< 0.85 U	--	--	--	--	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	0.58	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
042911182	SB07-002	8-9	09/01/05	Division_H	< 0.91 U	--	--	--	--	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
042911183	SB08-001	0-1	09/01/05	Division_H	< 0.86 U	--	--	--	--	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	0.32	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
042911184	SB08-002	9-10	09/01/05	Division_H	< 0.94 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911185	SB09-001	2-3	09/01/05	Division_H	< 1 U	--	--	--	--	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	0.56	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U
042911186	SB09-002	4-5	09/01/05	Division_H	< 1.2 U	--	--	--	--	< 0.26 U	< 0.26 U	0.31	< 0.26 U	3.3	11	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
042911187	SB09-003	9-10	09/01/05	Division_H	< 0.93 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	4-Nitroaniline (mg/kg)	Aniline (mg/kg)	Benzidine (mg/kg)	Benzoic acid (mg/kg)	Benzyl alcohol (mg/kg)	Bis(2-chloroethoxy)methane (mg/kg)	Bis(2-Chloroethyl)ether (mg/kg)	Bis(2-Ethylhexyl)phthalate (mg/kg)	Butyl benzyl phthalate (mg/kg)	Carbazole (mg/kg)	Dibenzofuran (mg/kg)	Diethyl phthalate (mg/kg)	Dimethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Hexachlorobenzene (mg/kg)	Hexachlorobutadiene (mg/kg)	Hexachlorocyclopentadiene (mg/kg)
					SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC
				Residential Soil SL:	27	93	0.00052	250,000	6,200	180	0.23	38	280	NS	72	49,000	NS	6,200	620	0.33	6.8	370
				Industrial Soil SL:	120	410	0.01	3,300,000	82,000	2,500	1	160	1,200	NS	1,000	660,000	NS	82,000	8,200	1.4	30	4,900
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	5,050	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
042911188	SB10-001	2-3	09/01/05	Division_H	< 1 U	--	--	--	--	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	0.69	0.48	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U
042911189	SB10-002	6-7	09/01/05	Division_H	< 0.97 U	--	--	--	--	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
042911190	SB11-001	0-1	09/01/05	Division_H	< 0.89 U	--	--	--	--	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	0.26	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
042911191	SB11-002	8-9	09/01/05	Division_H	< 0.93 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911192	SB12-001	0-1	09/01/05	Division_H	< 0.96 U	--	--	--	--	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
042911193	SB12-002	7-8	09/01/05	Division_H	< 0.97 U	--	--	--	--	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
	SP-3	2-4	01/27/11	Division_H	< 0.33 U	< 0.88 U	< 1.9 U	< 1.9 U	< 0.5 U	< 0.079 U	< 0.11 U	0.44 J	< 0.16 U	1	0.65 J	< 0.21 U	< 0.085 U	< 0.11 U	< 0.16 U	< 0.037 U	< 0.15 U	< 1.9 U
	SP-3	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-4	2-4	01/27/11	Division_H	< 0.32 U	< 0.83 U	< 1.8 U	< 1.8 U	< 0.48 U	< 0.075 U	< 0.11 U	< 0.1 U	< 0.15 U	0.89 J	0.41 J	< 0.2 U	< 0.081 U	< 0.1 U	< 0.15 U	< 0.036 U	< 0.14 U	< 1.8 U
	SP-4	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-5	4-6	01/27/11	Division_H	< 0.33 U	< 0.86 U	< 1.9 U	< 1.8 U	< 0.49 U	< 0.077 U	< 0.11 U	2.6	< 0.16 U	0.49 J	0.52 J	< 0.21 U	< 0.084 U	< 0.11 U	< 0.15 U	< 0.037 U	< 0.15 U	< 1.9 U
	SP-5	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-6	5-7	01/27/11	Division_H	< 0.37 U	< 0.97 U	< 2.1 U	< 2.1 U	< 0.56 U	< 0.087 U	< 0.12 U	1.4	< 0.18 U	0.92 J	3.6	< 0.23 U	< 0.094 U	< 0.12 U	< 0.17 U	< 0.041 U	< 0.17 U	< 2.1 U
	SP-6	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-7	7-9	01/27/11	Division_H	< 1.8 U	< 4.6 U	< 10 U	< 9.9 U	< 2.7 U	< 0.42 U	< 0.6 U	3.7 J	< 0.86 U	< 0.57 U	2.2 J	< 1.1 U	< 0.45 U	< 0.57 U	< 0.82 U	< 0.2 U	< 0.79 U	< 10 U
	SP-7	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-8	3-5	01/27/11	Division_H	< 0.32 U	< 0.83 U	< 1.8 U	< 1.8 U	< 0.48 U	< 0.075 U	< 0.11 U	< 0.1 U	< 0.15 U	2.4	1.5	< 0.2 U	< 0.081 U	< 0.1 U	< 0.15 U	< 0.036 U	< 0.14 U	< 1.8 U
	SP-8	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-9	5-7	01/27/11	Division_H	1 J	< 1.1 U	< 2.4 U	< 2.3 U	< 0.62 U	< 0.098 U	< 0.14 U	2.9	< 0.2 U	18	13	< 0.26 U	< 0.11 U	< 0.13 U	< 0.19 U	< 0.046 U	< 0.18 U	< 2.4 U
	SP-9	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-10	6-8	01/27/11	Division_H	< 0.4 U	< 1.1 U	< 2.3 U	< 2.3 U	< 0.61 U	< 0.095 U	< 0.14 U	0.8 J	< 0.2 U	0.31 J	0.89 J	< 0.26 U	< 0.1 U	< 0.13 U	< 0.19 U	< 0.045 U	< 0.18 U	< 2.3 U
	SP-10	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-13	2-4	01/28/11	Division_H	< 0.32 U	< 0.84 U	< 1.8 U	< 1.8 U	< 0.48 U	< 0.075 U	< 0.11 U	< 0.1 U	< 0.16 U	0.43 J	0.24 J	< 0.2 U	< 0.081 U	< 0.1 U	< 0.15 U	< 0.036 U	< 0.14 U	< 1.8 U
	SP-13	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-15	6-8	01/28/11	Division_H	< 0.069 U	< 0.18 U	< 0.4 U	< 0.38 U	< 0.1 U	< 0.016 U	< 0.023 U	< 0.022 U	< 0.034 U	0.13 J	0.17 J	< 0.044 U	< 0.018 U	< 0.022 U	< 0.032 U	< 0.0077 U	< 0.031 U	< 0.4 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	4-Nitroaniline (mg/kg)	Aniline (mg/kg)	Benzidine (mg/kg)	Benzoic acid (mg/kg)	Benzyl alcohol (mg/kg)	Bis(2-chloroethoxy)methane (mg/kg)	Bis(2-Chloroethyl)ether (mg/kg)	Bis(2-Ethylhexyl)phthalate (mg/kg)	Butyl benzyl phthalate (mg/kg)	Carbazole (mg/kg)	Dibenzofuran (mg/kg)	Diethyl phthalate (mg/kg)	Dimethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Hexachlorobenzene (mg/kg)	Hexachlorobutadiene (mg/kg)	Hexachlorocyclopentadiene (mg/kg)
					SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC
				Residential Soil SL:	27	93	0.00052	250,000	6,200	180	0.23	38	280	NS	72	49,000	NS	6,200	620	0.33	6.8	370
				Industrial Soil SL:	120	410	0.01	3,300,000	82,000	2,500	1	160	1,200	NS	1,000	660,000	NS	82,000	8,200	1.4	30	4,900
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	5,050	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	SP-15	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-16	7-9	01/28/11	Division_H	< 0.35 U	< 0.92 U	< 2 U	< 2 U	< 0.53 U	< 0.083 U	< 0.12 U	< 0.11 U	< 0.17 U	1.2	2.8	< 0.22 U	< 0.09 U	< 0.11 U	< 0.16 U	< 0.039 U	< 0.16 U	< 2 U
	SP-16	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-17	7-9	01/28/11	Division_H	< 0.34 U	< 0.9 U	< 2 U	< 1.9 U	< 0.52 U	< 0.081 U	< 0.11 U	2.1	< 0.17 U	0.54 J	1.5	< 0.22 U	< 0.087 U	< 0.11 U	< 0.16 U	< 0.038 U	< 0.15 U	< 2 U
	SP-17	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep
Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate
BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons
ft = feet
mg/kg = milligrams per kilogram
SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addenc

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					SVOC	SVOC	SVOC	SVOC	SVOC	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Hexachloroethane (mg/kg)	Isophorone (mg/kg)	Nitrobenzene (mg/kg)	N-nitrosodi-n-propylamine (mg/kg)	N-Nitrosodiphenylamine (mg/kg)	2,4,5-Trichlorophenol (mg/kg)	2,4,6-Trichlorophenol (mg/kg)	2,4-Dichlorophenol (mg/kg)	2,4-Dimethylphenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Chlorophenol (mg/kg)	2-Methylphenol (mg/kg)	2-Nitrophenol (mg/kg)	3 & 4-Methylphenol (mg/kg)	4,6-Dinitro-2-methylphenol (mg/kg)	4-Chloro-3-methylphenol (mg/kg)	4-Methylphenol (mg/kg)	4-Nitrophenol (mg/kg)
				Residential Soil SL:	13	560	5.1	0.076	110	6,200	48	180	1,200	120	390	3,100	NS	3,100	4.9	6,200	NS	NS
				Industrial Soil SL:	58	2,400	22	0.33	470	82,000	210	2,500	16,000	1,600	5,800	41,000	NS	41,000	66	82,000	NS	NS
				Soil Csat/Ceiling SL:	NS	NS	3,050	NS	NS	NS	NS	NS	NS	NS	21,900	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.41 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.99 U	< 0.21 U	< 0.21 U	< 0.21 U	--	< 0.99 U	< 0.21 U	< 0.21 U	< 0.99 U
042911166	SB01-002	9-10	09/01/05	Division_H	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.44 U	< 0.23 U	< 0.23 U	< 0.23 U	< 1.1 U	< 0.23 U	< 0.23 U	< 0.23 U	--	< 1.1 U	< 0.23 U	< 0.23 U	< 1.1 U
042911167	SB01-003	13-14	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.94 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.94 U	< 0.2 U	< 0.2 U	< 0.94 U
042911168	SB02-001	0-1	09/01/05	Division_H	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.36 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.85 U	< 0.18 U	< 0.18 U	< 0.18 U	--	< 0.85 U	< 0.18 U	< 0.18 U	< 0.85 U
042911169	SB02-002	5-6	09/01/05	Division_H	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.42 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U	--	< 1 U	< 0.22 U	< 0.22 U	< 1 U
042911170	SB03-001	0-1	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.93 U	< 0.2 U	< 0.2 U	< 0.93 U
042911171	SB03-002	5-6	09/01/05	Division_H	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.47 U	< 0.24 U	< 0.24 U	< 0.24 U	< 1.1 U	< 0.24 U	< 0.24 U	< 0.24 U	--	< 1.1 U	< 0.24 U	< 0.24 U	< 1.1 U
042911172	SB03-003	7-8	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.93 U	< 0.2 U	< 0.2 U	< 0.93 U
042911173	SB04-001	2-3	09/01/05	Division_H	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.42 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U	--	< 1 U	< 0.22 U	< 0.22 U	< 1 U
042911174	SB04-002	8-9	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.4 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.97 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.97 U	< 0.2 U	< 0.2 U	< 0.97 U
042911175	SB05-001	1-2	09/01/05	Division_H	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.46 U	< 0.24 U	< 0.24 U	0.24	< 1.1 U	< 0.24 U	< 0.24 U	< 0.24 U	--	< 1.1 U	< 0.24 U	0.4	< 1.1 U
042911176	SB05-002	4-5	09/01/05	Division_H	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.79 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 1.9 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	--	< 1.9 UJ	< 0.41 UJ	< 0.41 UJ	< 1.9 UJ
042911177	SB05-003	5-6	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.93 U	< 0.2 U	< 0.2 U	< 0.93 U
042911178	SB06-001	2-3	09/01/05	Division_H	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 2.6 U	< 1.4 U	< 1.4 U	1.9	< 6.4 U	< 1.4 U	< 1.4 U	< 1.4 U	--	< 6.4 U	< 1.4 U	< 1.4 U	< 6.4 U
042911179	SB06-002	6-7	09/01/05	Division_H	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.41 U	< 0.21 U	< 0.21 U	< 0.21 U	< 1 U	< 0.21 U	< 0.21 U	< 0.21 U	--	< 1 U	< 0.21 U	< 0.21 U	< 1 U
042911180	SB06-003	10-11	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.38 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.92 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.92 U	< 0.2 U	< 0.2 U	< 0.92 U
042911181	SB07-001	1-2	09/01/05	Division_H	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.35 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.85 U	< 0.18 U	< 0.18 U	< 0.18 U	--	< 0.85 U	< 0.18 U	< 0.18 U	< 0.85 U
042911182	SB07-002	8-9	09/01/05	Division_H	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.37 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.91 U	< 0.19 U	< 0.19 U	< 0.19 U	--	< 0.91 U	< 0.19 U	< 0.19 U	< 0.91 U
042911183	SB08-001	0-1	09/01/05	Division_H	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.35 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.86 U	< 0.18 U	< 0.18 U	< 0.18 U	--	< 0.86 U	< 0.18 U	< 0.18 U	< 0.86 U
042911184	SB08-002	9-10	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.94 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.94 U	< 0.2 U	< 0.2 U	< 0.94 U
042911185	SB09-001	2-3	09/01/05	Division_H	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.43 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U	--	< 1 U	< 0.22 U	< 0.22 U	< 1 U
042911186	SB09-002	4-5	09/01/05	Division_H	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.51 U	< 0.26 U	< 0.26 U	< 0.26 U	< 1.2 U	< 0.26 U	< 0.26 U	< 0.26 U	--	< 1.2 U	< 0.26 U	< 0.26 U	< 1.2 U
042911187	SB09-003	9-10	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.38 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.93 U	< 0.2 U	< 0.2 U	< 0.93 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					SVOC	SVOC	SVOC	SVOC	SVOC	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Hexachloroethane (mg/kg)	Isophorone (mg/kg)	Nitrobenzene (mg/kg)	N-nitrosodi-n-propylamine (mg/kg)	N-Nitrosodiphenylamine (mg/kg)	2,4,5-Trichlorophenol (mg/kg)	2,4,6-Trichlorophenol (mg/kg)	2,4-Dichlorophenol (mg/kg)	2,4-Dimethylphenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Chlorophenol (mg/kg)	2-Methylphenol (mg/kg)	2-Nitrophenol (mg/kg)	3 & 4-Methylphenol (mg/kg)	4,6-Dinitro-2-methylphenol (mg/kg)	4-Chloro-3-methylphenol (mg/kg)	4-Methylphenol (mg/kg)	4-Nitrophenol (mg/kg)
				Residential Soil SL:	13	560	5.1	0.076	110	6,200	48	180	1,200	120	390	3,100	NS	3,100	4.9	6,200	NS	NS
				Industrial Soil SL:	58	2,400	22	0.33	470	82,000	210	2,500	16,000	1,600	5,800	41,000	NS	41,000	66	82,000	NS	NS
				Soil Csat/Ceiling SL:	NS	NS	3,050	NS	NS	NS	NS	NS	NS	NS	21,900	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
042911188	SB10-001	2-3	09/01/05	Division_H	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.42 U	< 0.22 U	< 0.22 U	< 0.22 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U	--	< 1 U	< 0.22 U	< 0.22 U	< 1 U
042911189	SB10-002	6-7	09/01/05	Division_H	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.4 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.97 U	< 0.21 U	< 0.21 U	< 0.21 U	--	< 0.97 U	< 0.21 U	< 0.21 U	< 0.97 U
042911190	SB11-001	0-1	09/01/05	Division_H	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.37 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.89 U	< 0.19 U	< 0.19 U	< 0.19 U	--	< 0.89 U	< 0.19 U	< 0.19 U	< 0.89 U
042911191	SB11-002	8-9	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.93 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.93 U	< 0.2 U	< 0.2 U	< 0.93 U
042911192	SB12-001	0-1	09/01/05	Division_H	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.4 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.96 U	< 0.2 U	< 0.2 U	< 0.2 U	--	< 0.96 U	< 0.2 U	< 0.2 U	< 0.96 U
042911193	SB12-002	7-8	09/01/05	Division_H	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.4 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.97 U	< 0.21 U	< 0.21 U	< 0.21 U	--	< 0.97 U	< 0.21 U	< 0.21 U	< 0.97 U
	SP-3	2-4	01/27/11	Division_H	< 0.15 U	< 0.43 U	< 0.047 U	< 0.13 U	< 0.11 U	< 0.43 U	< 0.42 U	< 0.25 U	< 0.64 U	< 1.4 U	< 0.1 U	< 0.14 U	< 0.57 U	< 0.19 U	< 0.37 U	< 0.47 U	--	< 1.6 U
	SP-3	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-4	2-4	01/27/11	Division_H	< 0.14 U	< 0.41 U	< 0.045 U	< 0.13 U	< 0.1 U	< 0.41 U	< 0.4 U	< 0.23 U	< 0.61 U	< 1.4 U	< 0.096 U	< 0.14 U	< 0.54 U	< 0.18 U	< 0.35 U	< 0.45 U	--	< 1.5 U
	SP-4	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-5	4-6	01/27/11	Division_H	< 0.14 U	< 0.42 U	< 0.046 U	< 0.13 U	< 0.1 U	< 0.42 U	< 0.41 U	< 0.24 U	< 0.63 U	< 1.4 U	< 0.099 U	< 0.14 U	< 0.56 U	< 0.19 U	< 0.36 U	< 0.47 U	--	< 1.5 U
	SP-5	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-6	5-7	01/27/11	Division_H	< 0.16 U	< 0.48 U	< 0.052 U	< 0.15 U	< 0.12 U	< 0.48 U	< 0.46 U	< 0.27 U	< 0.71 U	< 1.6 U	< 0.11 U	< 0.16 U	< 0.63 U	< 0.21 U	< 0.4 U	< 0.52 U	--	< 1.7 U
	SP-6	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-7	7-9	01/27/11	Division_H	< 0.78 U	< 2.3 U	< 0.25 U	< 0.71 U	< 0.56 U	< 2.3 U	< 2.2 U	< 1.3 U	< 3.4 U	< 7.6 U	< 0.53 U	< 0.77 U	< 3 U	< 1 U	< 1.9 U	< 2.5 U	--	< 8.3 U
	SP-7	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-8	3-5	01/27/11	Division_H	< 0.14 U	< 0.41 U	< 0.045 U	< 0.13 U	< 0.1 U	< 0.41 U	< 0.4 U	< 0.23 U	< 0.61 U	< 1.4 U	< 0.096 U	< 0.14 U	< 0.54 U	< 0.18 U	< 0.35 U	< 0.45 U	--	< 1.5 U
	SP-8	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-9	5-7	01/27/11	Division_H	< 0.18 U	< 0.53 U	< 0.058 U	< 0.17 U	< 0.13 U	< 0.53 U	< 0.52 U	< 0.3 U	< 0.79 U	< 1.8 U	< 0.12 U	0.27 J	< 0.71 U	1.1 J	< 0.45 U	< 0.59 U	--	< 1.9 U
	SP-9	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-10	6-8	01/27/11	Division_H	< 0.18 U	< 0.52 U	< 0.057 U	< 0.16 U	< 0.13 U	< 0.52 U	< 0.5 U	< 0.3 U	< 0.78 U	< 1.7 U	< 0.12 U	< 0.17 U	< 0.69 U	< 0.23 U	< 0.44 U	< 0.57 U	--	< 1.9 U
	SP-10	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-13	2-4	01/28/11	Division_H	< 0.14 U	< 0.41 U	< 0.045 U	< 0.13 U	< 0.1 U	< 0.41 U	< 0.4 U	< 0.23 U	< 0.61 U	< 1.4 U	< 0.096 U	< 0.14 U	< 0.54 U	< 0.19 U	< 0.35 U	< 0.45 U	--	< 1.5 U
	SP-13	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-15	6-8	01/28/11	Division_H	< 0.03 U	< 0.089 U	< 0.0097 U	< 0.028 U	< 0.022 U	< 0.089 U	< 0.086 U	< 0.051 U	< 0.13 U	< 0.29 U	< 0.021 U	< 0.03 U	< 0.12 U	< 0.04 U	< 0.076 U	< 0.098 U	--	< 0.32 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Hexachloroethane (mg/kg)	Isophorone (mg/kg)	Nitrobenzene (mg/kg)	N-nitrosodi-n-propylamine (mg/kg)	N-Nitrosodiphenylamine (mg/kg)	2,4,5-Trichlorophenol (mg/kg)	2,4,6-Trichlorophenol (mg/kg)	2,4-Dichlorophenol (mg/kg)	2,4-Dimethylphenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Chlorophenol (mg/kg)	2-Methylphenol (mg/kg)	2-Nitrophenol (mg/kg)	3 & 4-Methylphenol (mg/kg)	4,6-Dinitro-2-methylphenol (mg/kg)	4-Chloro-3-methylphenol (mg/kg)	4-Methylphenol (mg/kg)	4-Nitrophenol (mg/kg)
					SVOC	SVOC	SVOC	SVOC	SVOC	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols
				Residential Soil SL:	13	560	5.1	0.076	110	6,200	48	180	1,200	120	390	3,100	NS	3,100	4.9	6,200	NS	NS
				Industrial Soil SL:	58	2,400	22	0.33	470	82,000	210	2,500	16,000	1,600	5,800	41,000	NS	41,000	66	82,000	NS	NS
				Soil Csat/Ceiling SL:	NS	NS	3,050	NS	NS	NS	NS	NS	NS	NS	21,900	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	SP-15	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-16	7-9	01/28/11	Division_H	< 0.15 U	< 0.46 U	< 0.049 U	< 0.14 U	< 0.11 U	< 0.46 U	< 0.44 U	< 0.26 U	< 0.68 U	< 1.5 U	< 0.11 U	< 0.15 U	< 0.6 U	< 0.2 U	< 0.38 U	< 0.5 U	--	< 1.6 U
	SP-16	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-17	7-9	01/28/11	Division_H	< 0.15 U	< 0.44 U	< 0.048 U	< 0.14 U	< 0.11 U	< 0.44 U	< 0.43 U	< 0.25 U	< 0.66 U	< 1.5 U	< 0.1 U	< 0.15 U	< 0.58 U	< 0.2 U	< 0.37 U	< 0.49 U	--	< 1.6 U
	SP-17	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep

Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate

BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons

ft = feet
mg/kg = milligrams per kilogram

SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addend

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					Phenols	Phenols	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Pentachlorophenol (mg/kg)	Phenol (mg/kg)	PCB, Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	4,4-DDD (mg/kg)	4,4-DDE (mg/kg)	4,4-DDT (mg/kg)	Aldrin (mg/kg)	alpha-BHC (mg/kg)	alpha-Chlordane (mg/kg)	beta-BHC (mg/kg)	delta-BHC (mg/kg)
				Residential Soil SL:	0.99	18,000	0.24	4	0.15	0.15	0.24	0.24	0.24	0.24	NS	NS	NS	NS	NS	NS	NS	NS
				Industrial Soil SL:	4	250,000	1	30	0.66	0.66	1	1	1	1	NS	NS	NS	NS	NS	NS	NS	NS
				Soil Csat/Ceiling SL:	NS	100,000	NS	NS	757	73.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	< 0.99 U	< 0.21 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911166	SB01-002	9-10	09/01/05	Division_H	< 1.1 U	< 0.23 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911167	SB01-003	13-14	09/01/05	Division_H	< 0.94 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911168	SB02-001	0-1	09/01/05	Division_H	< 0.85 U	< 0.18 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911169	SB02-002	5-6	09/01/05	Division_H	< 1 U	< 0.22 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911170	SB03-001	0-1	09/01/05	Division_H	< 0.93 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911171	SB03-002	5-6	09/01/05	Division_H	< 1.1 U	< 0.24 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911172	SB03-003	7-8	09/01/05	Division_H	< 0.93 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911173	SB04-001	2-3	09/01/05	Division_H	< 1 U	< 0.22 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911174	SB04-002	8-9	09/01/05	Division_H	< 0.97 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911175	SB05-001	1-2	09/01/05	Division_H	< 1.1 U	< 0.24 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911176	SB05-002	4-5	09/01/05	Division_H	< 1.9 UJ	< 0.41 UJ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911177	SB05-003	5-6	09/01/05	Division_H	< 0.93 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911178	SB06-001	2-3	09/01/05	Division_H	< 6.4 U	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911179	SB06-002	6-7	09/01/05	Division_H	< 1 U	< 0.21 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911180	SB06-003	10-11	09/01/05	Division_H	< 0.92 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911181	SB07-001	1-2	09/01/05	Division_H	< 0.85 U	< 0.18 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911182	SB07-002	8-9	09/01/05	Division_H	< 0.91 U	< 0.19 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911183	SB08-001	0-1	09/01/05	Division_H	< 0.86 U	< 0.18 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911184	SB08-002	9-10	09/01/05	Division_H	< 0.94 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911185	SB09-001	2-3	09/01/05	Division_H	< 1 U	< 0.22 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911186	SB09-002	4-5	09/01/05	Division_H	< 1.2 U	< 0.26 U	< 0.91 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	--	--	--	--	--	--	--	--
042911187	SB09-003	9-10	09/01/05	Division_H	< 0.93 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					Phenols	Phenols	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Pentachlorophenol (mg/kg)	Phenol (mg/kg)	PCB, Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	4,4-DDD (mg/kg)	4,4-DDE (mg/kg)	4,4-DDT (mg/kg)	Aldrin (mg/kg)	alpha-BHC (mg/kg)	alpha-Chlordane (mg/kg)	beta-BHC (mg/kg)	delta-BHC (mg/kg)
				Residential Soil SL:	0.99	18,000	0.24	4	0.15	0.15	0.24	0.24	0.24	0.24	NS	NS	NS	NS	NS	NS	NS	NS
				Industrial Soil SL:	4	250,000	1	30	0.66	0.66	1	1	1	1	NS	NS	NS	NS	NS	NS	NS	NS
				Soil Csat/Ceiling SL:	NS	100,000	NS	NS	757	73.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
042911188	SB10-001	2-3	09/01/05	Division_H	< 1 U	< 0.22 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911189	SB10-002	6-7	09/01/05	Division_H	< 0.97 U	< 0.21 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911190	SB11-001	0-1	09/01/05	Division_H	< 0.89 U	< 0.19 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911191	SB11-002	8-9	09/01/05	Division_H	< 0.93 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911192	SB12-001	0-1	09/01/05	Division_H	< 0.96 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911193	SB12-002	7-8	09/01/05	Division_H	< 0.97 U	< 0.21 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-3	2-4	01/27/11	Division_H	< 0.64 U	< 0.2 U	--	< 0.0046 U	< 0.0072 U	< 0.0067 U	< 0.0059 U	< 0.0065 U	< 0.006 U	< 0.0062 U	< 0.0037 U	< 0.0048 U	< 0.0036 U	< 0.0031 U	< 0.0047 U	< 0.0055 U	< 0.0053 U	< 0.0052 U
	SP-3	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-4	2-4	01/27/11	Division_H	< 0.61 U	< 0.19 U	--	< 0.0044 U	< 0.0069 U	< 0.0064 U	< 0.0056 U	< 0.0063 U	< 0.0057 U	< 0.0059 U	< 0.0035 U	< 0.0046 U	< 0.0034 U	< 0.003 U	< 0.0045 U	< 0.0053 U	< 0.0051 U	< 0.005 U
	SP-4	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-5	4-6	01/27/11	Division_H	< 0.63 U	< 0.2 U	< 0.015 U	< 0.0094 U	< 0.015 U	< 0.014 U	< 0.012 U	< 0.013 U	< 0.012 U	< 0.013 U	< 0.0038 U	0.017 J	< 0.0037 U	< 0.0032 U	< 0.0048 U	< 0.0057 U	< 0.0054 U	< 0.0053 U
	SP-5	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-6	5-7	01/27/11	Division_H	< 0.71 U	< 0.22 U	< 0.0082 U	< 0.0052 U	< 0.0082 U	< 0.0076 U	< 0.0067 U	< 0.0074 U	< 0.0068 U	< 0.0071 U	< 0.0042 U	< 0.0055 U	< 0.004 U	< 0.0035 U	< 0.0054 U	< 0.0063 U	< 0.006 U	< 0.0059 U
	SP-6	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-7	7-9	01/27/11	Division_H	< 3.4 U	< 1.1 U	< 0.0082 U	< 0.0052 U	< 0.0082 U	< 0.0076 U	< 0.0067 U	< 0.0075 U	< 0.0068 U	< 0.0071 U	< 0.0042 U	< 0.0055 U	< 0.0041 U	< 0.0035 U	< 0.0054 U	< 0.0063 U	< 0.006 U	< 0.0059 U
	SP-7	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-8	3-5	01/27/11	Division_H	< 0.61 U	< 0.19 U	--	< 0.0045 U	< 0.0071 U	< 0.0065 U	< 0.0057 U	< 0.0064 U	< 0.0058 U	< 0.0061 U	< 0.0036 U	< 0.0047 U	< 0.0035 U	< 0.003 U	< 0.0046 U	< 0.0054 U	< 0.0052 U	< 0.0051 U
	SP-8	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-9	5-7	01/27/11	Division_H	< 0.79 U	0.52 J	--	< 0.059 U	< 0.093 U	< 0.085 U	< 0.075 U	1.8	< 0.076 U	< 0.079 U	< 0.0047 U	< 0.0062 U	< 0.0046 U	< 0.004 U	< 0.006 U	< 0.007 U	< 0.0068 U	< 0.0066 U
	SP-9	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-10	6-8	01/27/11	Division_H	< 0.78 U	< 0.25 U	--	< 0.0056 U	< 0.0089 U	< 0.0082 U	< 0.0072 U	< 0.008 U	< 0.0073 U	< 0.0076 U	< 0.023 U	< 0.03 U	< 0.022 U	< 0.019 U	< 0.029 U	< 0.034 U	< 0.032 U	< 0.032 U
	SP-10	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-13	2-4	01/28/11	Division_H	< 0.61 U	< 0.19 U	--	< 0.0044 U	< 0.007 U	< 0.0064 U	< 0.0057 U	0.13	0.098	< 0.006 U	< 0.0036 U	< 0.0047 U	< 0.0034 U	< 0.003 U	< 0.0046 U	< 0.0053 U	< 0.0051 U	< 0.005 U
	SP-13	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-15	6-8	01/28/11	Division_H	< 0.13 U	< 0.042 U	--	< 0.0048 U	< 0.0076 U	< 0.007 U	< 0.0061 U	< 0.0069 U	< 0.0063 U	< 0.0065 U	< 0.0039 U	< 0.0051 U	< 0.0037 U	< 0.0033 U	< 0.0049 U	< 0.0058 U	< 0.0055 U	< 0.0054 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
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					Phenols	Phenols	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Pentachlorophenol (mg/kg)	Phenol (mg/kg)	PCB, Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	4,4-DDD (mg/kg)	4,4-DDE (mg/kg)	4,4-DDT (mg/kg)	Aldrin (mg/kg)	alpha-BHC (mg/kg)	alpha-Chlordane (mg/kg)	beta-BHC (mg/kg)	delta-BHC (mg/kg)
				Residential Soil SL:	0.99	18,000	0.24	4	0.15	0.15	0.24	0.24	0.24	0.24	NS	NS	NS	NS	NS	NS	NS	NS
				Industrial Soil SL:	4	250,000	1	30	0.66	0.66	1	1	1	1	NS	NS	NS	NS	NS	NS	NS	NS
				Soil Csat/Ceiling SL:	NS	100,000	NS	NS	757	73.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	SP-15	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-16	7-9	01/28/11	Division_H	< 0.68 U	< 0.21 U	--	< 0.005 U	< 0.0078 U	< 0.0072 U	< 0.0063 U	< 0.0071 U	< 0.0065 U	< 0.0067 U	< 0.004 U	< 0.0052 U	< 0.0039 U	< 0.0034 U	< 0.0051 U	< 0.006 U	< 0.0057 U	< 0.0056 U
	SP-16	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-17	7-9	01/28/11	Division_H	< 0.66 U	< 0.21 U	< 0.0078 U	< 0.0049 U	< 0.0078 U	< 0.0072 U	< 0.0063 U	< 0.007 U	< 0.0064 U	< 0.0067 U	< 0.0039 U	< 0.0052 U	< 0.0038 U	< 0.0033 U	< 0.0051 U	< 0.0059 U	< 0.0057 U	< 0.0056 U
	SP-17	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	1-3	05/23/12	Division_H	--	--	< 0.0035	< 0.0065	< 0.008	< 0.0079	< 0.006	< 0.0072	< 0.0039	< 0.009	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	--	--	< 0.0037	< 0.0068	< 0.0085	< 0.0084	< 0.0064	< 0.0076	< 0.0042	< 0.0095	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	--	--	< 0.0033	< 0.0061	< 0.0076	< 0.0075	< 0.0057	< 0.0068	< 0.0037	< 0.0085	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	--	--	< 0.0044	< 0.008	< 0.01	< 0.0099	< 0.0075	< 0.009	< 0.0049	< 0.011	--	--	--	--	--	--	--	--

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep

Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate

BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons

ft = feet
mg/kg = milligrams per kilogram

SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addenc

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
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					Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Metals
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Dieldrin (mg/kg)	Endosulfan I (mg/kg)	Endosulfan II (mg/kg)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Endrin ketone (mg/kg)	gamma-BHC (mg/kg)	gamma-Chlordane (mg/kg)	Heptachlor (mg/kg)	Heptachlor epoxide (mg/kg)	Methoxychlor (mg/kg)	Toxaphene (mg/kg)	Diesel Range Organics (mg/kg)	Gasoline Range Organics (mg/kg)	Motor Oil (mg/kg)	TPH, Total (mg/kg)	Aluminum, Total (mg/kg)
				Residential Soil SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	77,000
				Industrial Soil SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1,100,000
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	100,000
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9,500
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911166	SB01-002	9-10	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911167	SB01-003	13-14	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911168	SB02-001	0-1	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911169	SB02-002	5-6	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911170	SB03-001	0-1	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911171	SB03-002	5-6	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911172	SB03-003	7-8	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911173	SB04-001	2-3	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911174	SB04-002	8-9	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911175	SB05-001	1-2	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911176	SB05-002	4-5	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911177	SB05-003	5-6	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911178	SB06-001	2-3	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911179	SB06-002	6-7	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911180	SB06-003	10-11	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911181	SB07-001	1-2	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911182	SB07-002	8-9	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911183	SB08-001	0-1	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911184	SB08-002	9-10	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911185	SB09-001	2-3	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911186	SB09-002	4-5	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	1,100	130	800	--	7,100
042911187	SB09-003	9-10	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix O1. Soil Analytical Data With Flags
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Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Dieldrin (mg/kg)	Endosulfan I (mg/kg)	Endosulfan II (mg/kg)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Endrin ketone (mg/kg)	gamma-BHC (mg/kg)	gamma-Chlordane (mg/kg)	Heptachlor (mg/kg)	Heptachlor epoxide (mg/kg)	Methoxychlor (mg/kg)	Toxaphene (mg/kg)	Diesel Range Organics (mg/kg)	Gasoline Range Organics (mg/kg)	Motor Oil (mg/kg)	TPH, Total (mg/kg)	Aluminum, Total (mg/kg)
					Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Metals
				Residential Soil SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	77,000
				Industrial Soil SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1,100,000
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	100,000
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9,500
042911188	SB10-001	2-3	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911189	SB10-002	6-7	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911190	SB11-001	0-1	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911191	SB11-002	8-9	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911192	SB12-001	0-1	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911193	SB12-002	7-8	09/01/05	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SP-3	2-4	01/27/11	Division_H	< 0.0029 U	< 0.0018 U	< 0.004 U	< 0.004 U	< 0.0031 U	< 0.0068 U	< 0.0028 U	< 0.006 U	< 0.0028 U	< 0.0064 U	< 0.0032 U	< 0.017 U	< 0.054 U	--	--	--	--	6600 B
	SP-3	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13000 B
	SP-4	2-4	01/27/11	Division_H	< 0.0028 U	< 0.0018 U	< 0.0039 U	< 0.0039 U	< 0.003 U	< 0.0065 U	< 0.0026 U	< 0.0057 U	< 0.0026 U	< 0.0062 U	< 0.0031 U	< 0.017 U	< 0.052 U	--	--	--	--	4000 B
	SP-4	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11000 B
	SP-5	4-6	01/27/11	Division_H	< 0.0029 U	< 0.0019 U	< 0.0041 U	< 0.0041 U	< 0.0032 U	< 0.0069 U	< 0.0028 U	< 0.0061 U	< 0.0028 U	< 0.0066 U	< 0.0033 U	< 0.018 U	< 0.055 U	--	--	--	--	6700 B
	SP-5	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12000 B
	SP-6	5-7	01/27/11	Division_H	< 0.0033 U	< 0.0021 U	< 0.0046 U	< 0.0046 U	< 0.0035 U	< 0.0077 U	< 0.0031 U	< 0.0068 U	< 0.0031 U	< 0.0073 U	< 0.0037 U	< 0.02 U	< 0.061 U	--	--	--	--	4700 B
	SP-6	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12000 B
	SP-7	7-9	01/27/11	Division_H	< 0.0033 U	< 0.0021 U	< 0.0046 U	< 0.0046 U	< 0.0035 U	< 0.0077 U	< 0.0031 U	< 0.0068 U	< 0.0031 U	< 0.0073 U	< 0.0037 U	< 0.02 U	< 0.061 U	--	--	--	--	13000 B
	SP-7	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12000 B
	SP-8	3-5	01/27/11	Division_H	< 0.0028 U	< 0.0018 U	< 0.0039 U	< 0.0039 U	< 0.003 U	< 0.0066 U	< 0.0027 U	< 0.0058 U	< 0.0027 U	< 0.0063 U	< 0.0031 U	< 0.017 U	< 0.053 U	--	--	--	--	6100 B
	SP-8	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10000 B
	SP-9	5-7	01/27/11	Division_H	< 0.0037 U	< 0.0023 U	< 0.0051 U	< 0.0051 U	< 0.004 U	< 0.0087 U	< 0.0035 U	< 0.0076 U	< 0.0035 U	< 0.0082 U	< 0.0041 U	< 0.022 U	< 0.069 U	--	--	--	--	13000 B
	SP-9	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11000 B
	SP-10	6-8	01/27/11	Division_H	< 0.018 U	< 0.011 U	< 0.025 U	< 0.025 U	< 0.019 U	< 0.041 U	< 0.017 U	< 0.037 U	< 0.017 U	< 0.039 U	< 0.02 U	< 0.11 U	< 0.33 U	--	--	--	--	4500 B
	SP-10	12-14	01/27/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12000 B
	SP-13	2-4	01/28/11	Division_H	< 0.0028 U	< 0.0018 U	< 0.0039 U	< 0.0039 U	< 0.003 U	< 0.0066 U	< 0.0027 U	< 0.0058 U	< 0.0027 U	< 0.0062 U	< 0.0031 U	< 0.017 U	< 0.052 U	--	--	--	--	3900 B
	SP-13	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9600 B
	SP-15	6-8	01/28/11	Division_H	< 0.003 U	< 0.0019 U	< 0.0042 U	< 0.0042 U	< 0.0033 U	< 0.0071 U	< 0.0029 U	< 0.0063 U	< 0.0029 U	< 0.0067 U	< 0.0034 U	< 0.018 U	< 0.057 U	--	--	--	--	4900 B

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Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Dieldrin (mg/kg)	Endosulfan I (mg/kg)	Endosulfan II (mg/kg)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Endrin ketone (mg/kg)	gamma-BHC (mg/kg)	gamma-Chlordane (mg/kg)	Heptachlor (mg/kg)	Heptachlor epoxide (mg/kg)	Methoxychlor (mg/kg)	Toxaphene (mg/kg)	Diesel Range Organics (mg/kg)	Gasoline Range Organics (mg/kg)	Motor Oil (mg/kg)	TPH, Total (mg/kg)	Aluminum, Total (mg/kg)
					Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Petroleum Hydrocarbons	Metals
				Residential Soil SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	77,000
				Industrial Soil SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1,100,000
				Soil Csat/Ceiling SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	100,000
				Chicago Background SL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9,500
	SP-15	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13000 B
	SP-16	7-9	01/28/11	Division_H	< 0.0031 U	< 0.002 U	< 0.0044 U	< 0.0044 U	< 0.0034 U	< 0.0073 U	< 0.003 U	< 0.0065 U	< 0.003 U	< 0.007 U	< 0.0035 U	< 0.019 U	< 0.058 U	--	--	--	--	5600 B
	SP-16	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11000 B
	SP-17	7-9	01/28/11	Division_H	< 0.0031 U	< 0.002 U	< 0.0043 U	< 0.0043 U	< 0.0033 U	< 0.0073 U	< 0.003 U	< 0.0064 U	< 0.003 U	< 0.0069 U	< 0.0035 U	< 0.019 U	< 0.058 U	--	--	--	--	6000 B
	SP-17	12-14	01/28/11	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8800 B
	SS01	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep

Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate

BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons

ft = feet
mg/kg = milligrams per kilogram

SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addenc

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Antimony, Total (mg/kg)	Arsenic, Total (mg/kg)	Barium, Total (mg/kg)	Beryllium, Total (mg/kg)	Cadmium, Total (mg/kg)	Calcium, Total (mg/kg)	Chromium, Total (mg/kg)	Cobalt, Total (mg/kg)	Copper, Total (mg/kg)	Iron, Total (mg/kg)	Lead, Total (mg/kg)	Magnesium, Total (mg/kg)	Manganese, Total (mg/kg)	Mercury, Total (mg/kg)	Nickel, Total (mg/kg)	Potassium, Total (mg/kg)	Selenium, Total (mg/kg)	Silver, Total (mg/kg)
					Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals
				Residential Soil SL:	31	0.67	15,000	160	70	NS	120,000	23	3,100	55,000	400	NS	1,800	23	1,500	NS	390	390
				Industrial Soil SL:	470	3	220,000	2,300	980	NS	1,800,000	350	47,000	820,000	800	NS	26,000	350	22,000	NS	5,800	5,800
				Soil Csat/Ceiling SL:	NS	NS	100,000	NS	NS	NS	100,000	NS	NS	100,000	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	4	13	110	0.59	0.6	9,300	16.2	8.9	19.6	15,900	36	4,820	636	0.06	18	1,268	0.48	0.55
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	< 2.4 U	8.6	--	< 0.6 U	1.4	--	15	--	33	--	4,500	--	--	0.85	14	--	< 1.2 U	< 1.2 U
042911166	SB01-002	9-10	09/01/05	Division_H	< 2.7 U	10	--	< 0.66 U	< 0.66 U	--	14	--	37	--	110	--	--	0.076	27	--	2.3	< 1.3 U
042911167	SB01-003	13-14	09/01/05	Division_H	< 2.3 U	13	--	< 0.57 U	< 0.57 U	--	21	--	37	--	24	--	--	< 0.029 U	43	--	< 1.1 U	< 1.1 U
042911168	SB02-001	0-1	09/01/05	Division_H	< 2.1 U	5.9	--	< 0.5 U	< 0.5 U	--	12	--	35	--	370	--	--	0.2	10	--	< 1 U	< 1 U
042911169	SB02-002	5-6	09/01/05	Division_H	< 2.5 U	2.7	--	< 0.64 U	< 0.64 U	--	16	--	41	--	--	--	--	0.043	31	--	< 1.3 U	< 1.3 U
042911170	SB03-001	0-1	09/01/05	Division_H	< 2.2 U	8.5	--	< 0.55 U	< 0.55 U	--	8.5	--	76	--	200 J+	--	--	0.11	15	--	< 1.1 U	1.2
042911171	SB03-002	5-6	09/01/05	Division_H	< 2.7 U	32	--	1.4	< 0.68 U	--	7.5	--	25	--	--	--	--	< 0.034 U	25	--	6	< 1.4 U
042911172	SB03-003	7-8	09/01/05	Division_H	< 2.3 U	9	--	< 0.59 U	< 0.59 U	--	18	--	35	--	--	--	--	< 0.027 U	36	--	< 1.2 U	< 1.2 U
042911173	SB04-001	2-3	09/01/05	Division_H	< 2.4 U	7.6	--	2.2	< 0.61 U	--	3.9	--	17	--	--	--	--	0.035	17	--	< 1.2 U	< 1.2 U
042911174	SB04-002	8-9	09/01/05	Division_H	< 2.5 U	8.9	--	< 0.61 U	< 0.61 U	--	14	--	29	--	41 J+	--	--	0.075	26	--	< 1.2 U	< 1.2 U
042911175	SB05-001	1-2	09/01/05	Division_H	< 2.6 U	16	--	0.84	< 0.67 U	--	7.2	--	33	--	49 J+	--	--	0.14	21	--	< 1.3 U	< 1.3 U
042911176	SB05-002	4-5	09/01/05	Division_H	< 4.5 U	7.9	--	< 1.1 U	< 1.1 U	--	9.4	--	28	--	72 J+	--	--	< 0.057 U	16	--	2.4	< 2.2 U
042911177	SB05-003	5-6	09/01/05	Division_H	< 2.2 U	17	--	< 0.57 U	< 0.57 U	--	21	--	40	--	--	--	--	< 0.028 U	42	--	< 1.1 U	< 1.1 U
042911178	SB06-001	2-3	09/01/05	Division_H	--	13	--	< 0.77 U	< 0.77 U	--	13	--	61	--	130 J+	--	--	0.13	16	--	< 1.5 U	< 1.5 U
042911179	SB06-002	6-7	09/01/05	Division_H	< 2.4 U	12	--	< 0.61 U	< 0.61 U	--	20	--	44	--	--	--	--	< 0.029 U	37	--	< 1.2 U	< 1.2 U
042911180	SB06-003	10-11	09/01/05	Division_H	< 2.2 U	4.7	--	< 0.55 U	< 0.55 U	--	19	--	32	--	18	--	--	< 0.028 U	33	--	< 1.1 U	< 1.1 U
042911181	SB07-001	1-2	09/01/05	Division_H	< 2 U	5.3	--	< 0.51 U	< 0.51 U	--	4.4	--	4.9	--	49 J+	--	--	< 0.027 U	4.3	--	< 1 U	< 1 U
042911182	SB07-002	8-9	09/01/05	Division_H	< 2.2 U	9.4	--	< 0.54 U	< 0.54 U	--	19	--	35	--	18	--	--	< 0.029 U	39	--	< 1.1 U	< 1.1 U
042911183	SB08-001	0-1	09/01/05	Division_H	< 2.1 U	4.1	--	< 0.52 U	< 0.52 U	--	6.7	--	19	--	100 J+	--	--	0.15	7.6	--	< 1 U	< 1 U
042911184	SB08-002	9-10	09/01/05	Division_H	< 2.2 U	12	--	< 0.56 U	< 0.56 U	--	20	--	39	--	--	--	--	< 0.027 U	44	--	< 1.1 U	< 1.1 U
042911185	SB09-001	2-3	09/01/05	Division_H	< 2.5 U	6.9	--	< 0.62 U	< 0.62 U	--	15	--	14	--	--	--	--	0.052	25	--	< 1.2 U	< 1.2 U
042911186	SB09-002	4-5	09/01/05	Division_H	< 3 U	9.6	52	< 0.74 U	< 0.74 U	84,000	21	15	32	49,000	< 0.005 U	30,000	1,100	< 0.037 U	34	1,700	< 1.5 U	< 1.5 U
042911187	SB09-003	9-10	09/01/05	Division_H	< 2.3 U	10	--	< 0.57 U	< 0.57 U	--	19	--	39	--	22	--	--	< 0.029 U	41	--	< 1.1 U	< 1.1 U

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Antimony, Total (mg/kg)	Arsenic, Total (mg/kg)	Barium, Total (mg/kg)	Beryllium, Total (mg/kg)	Cadmium, Total (mg/kg)	Calcium, Total (mg/kg)	Chromium, Total (mg/kg)	Cobalt, Total (mg/kg)	Copper, Total (mg/kg)	Iron, Total (mg/kg)	Lead, Total (mg/kg)	Magnesium, Total (mg/kg)	Manganese, Total (mg/kg)	Mercury, Total (mg/kg)	Nickel, Total (mg/kg)	Potassium, Total (mg/kg)	Selenium, Total (mg/kg)	Silver, Total (mg/kg)
					Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals
				Residential Soil SL:	31	0.67	15,000	160	70	NS	120,000	23	3,100	55,000	400	NS	1,800	23	1,500	NS	390	390
				Industrial Soil SL:	470	3	220,000	2,300	980	NS	1,800,000	350	47,000	820,000	800	NS	26,000	350	22,000	NS	5,800	5,800
				Soil Csat/Ceiling SL:	NS	NS	100,000	NS	NS	NS	100,000	NS	NS	100,000	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	4	13	110	0.59	0.6	9,300	16.2	8.9	19.6	15,900	36	4,820	636	0.06	18	1,268	0.48	0.55
042911188	SB10-001	2-3	09/01/05	Division_H	< 2.4 U	6.7	--	2.3	< 0.6 U	--	9.6	--	13	--	--	--	--	0.036	19	--	1.3	< 1.2 U
042911189	SB10-002	6-7	09/01/05	Division_H	< 2.4 U	14	--	< 0.59 U	< 0.59 U	--	19	--	38	--	22	--	--	< 0.028 U	40	--	< 1.2 U	< 1.2 U
042911190	SB11-001	0-1	09/01/05	Division_H	--	11	--	< 0.52 U	< 0.6 U	--	12	--	51	--	130 J+	--	--	0.18	15	--	< 1 U	< 1 U
042911191	SB11-002	8-9	09/01/05	Division_H	< 2.3 U	9.2	--	< 0.57 U	< 0.57 U	--	21	--	46	--	--	--	--	< 0.027 U	45	--	< 1.1 U	< 1.1 U
042911192	SB12-001	0-1	09/01/05	Division_H	< 2.3 U	6.6	--	< 0.57 U	< 0.57 U	--	14	--	26	--	89 J+	--	--	0.14	23	--	< 1.1 U	< 1.1 U
042911193	SB12-002	7-8	09/01/05	Division_H	< 2.3 U	5.8	--	< 0.57 U	< 0.57 U	--	20	--	40	--	23	--	--	< 0.03 U	39	--	< 1.1 U	< 1.1 U
	SP-3	2-4	01/27/11	Division_H	4.8	16	97	0.55	3.4	41000 B	15	5.8	270 B	15000 B	440	17000 B	300	0.32	18	1,900	0.71 J	0.4 J
	SP-3	12-14	01/27/11	Division_H	0.35 J	8.4	58	0.76	0.42	39000 B	21	13 B	37 B	23,000	17	23000 B	370	0.033	35 B	4,600	0.42 J	< 0.091 U
	SP-4	2-4	01/27/11	Division_H	2.2	8.5	110	0.39	1.1	48000 B	17	4.2	87 B	13000 B	230	26000 B	280	0.37	12	1,200	0.33 J	2.4
	SP-4	12-14	01/27/11	Division_H	0.32 J	7	29	0.71	0.38	42000 B	19	9.4 B	36 B	21,000	16	24000 B	410	0.026	31 B	3,900	0.67 J	< 0.083 U
	SP-5	4-6	01/27/11	Division_H	0.99 J	11	55	0.53	0.39	39000 B	13	6.3	34 B	18000 B	86	15000 B	270	0.12	16	2,100	0.98 J	< 0.091 U
	SP-5	12-14	01/27/11	Division_H	0.43 J	8.8	44	0.74	0.47	38000 B	20	11 B	37 B	23,000	17	23000 B	360	0.026	32 B	4,300	0.49 J	< 0.079 U
	SP-6	5-7	01/27/11	Division_H	0.41 J	4.7	30	0.42 J	0.19 J	100000 B	6.9	3.7	19 B	8300 B	26	51000 B	170	0.075	10	1,400	< 0.28 U	< 0.095 U
	SP-6	12-14	01/27/11	Division_H	0.26 J	8.9	40	0.74	0.32	31000 B	19	9.1 B	45 B	22,000	18	20000 B	320	0.027	32 B	4,300	0.35 J	< 0.091 U
	SP-7	7-9	01/27/11	Division_H	< 0.25 U	4.8	49	0.73	0.34	8700 B	19	11	28 B	18000 B	16	8200 B	160	0.047	26	2,900	0.64 J	< 0.089 U
	SP-7	12-14	01/27/11	Division_H	0.47 J	8.3	41	0.73	0.43	51000 B	19	14 B	34 B	21,000	14	21000 B	400	0.018 J	33 B	4,400	0.4 J	< 0.08 U
	SP-8	3-5	01/27/11	Division_H	3.9	9.9	180	0.82	1.5	50000 B	13	4.6	470 B	16000 B	910	16000 B	270	1.1	21	1,200	0.71 J	0.42 J
	SP-8	12-14	01/27/11	Division_H	0.44 J	7.1	41	0.64	0.37	72000 B	17	22 B	35 B	18,000	14	42000 B	560	0.023	31 B	4,200	< 0.27 U	< 0.091 U
	SP-9	5-7	01/27/11	Division_H	0.9 J	13	67	1	0.71	9600 B	23	22	57 B	30000 B	90	8700 B	630	0.16	47	3,500	1.3	< 0.1 U
	SP-9	12-14	01/27/11	Division_H	0.31 J	8.3	42	0.64	0.37	52000 B	18	13 B	33 B	21,000	15	30000 B	550	0.029	29 B	4,100	< 0.25 U	< 0.085 U
	SP-10	6-8	01/27/11	Division_H	41	25	120	0.72	0.68	20000 B	18	5.4	160 B	16000 B	1,900	4000 B	140	0.16	15	1,500	1.2 J	0.2 J
	SP-10	12-14	01/27/11	Division_H	0.31 J	9.8	45	0.79	0.51	36000 B	20	11 B	37 B	26,000	16	22000 B	350	0.024	34 B	4,000	0.71 J	< 0.077 U
	SP-13	2-4	01/28/11	Division_H	0.92 J	6	78	0.4 J	0.86	38000 B	12	3.9	69 B	12000 B	180	19000 B	280	0.28	11	960	< 0.26 U	2.8
	SP-13	12-14	01/28/11	Division_H	0.45 J	14	20	0.62	0.55	45000 B	16	13 B	45 B	24,000	18	30000 B	400	0.027	33 B	3,600	0.49 J	< 0.083 U
	SP-15	6-8	01/28/11	Division_H	0.52 J	6.4	68	0.61	0.24	45000 B	6.5	3	15 B	7700 B	57	19000 B	330	0.051	6.8	880	0.85 J	< 0.084 U

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Remedial Investigation Report
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Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Antimony, Total (mg/kg)	Arsenic, Total (mg/kg)	Barium, Total (mg/kg)	Beryllium, Total (mg/kg)	Cadmium, Total (mg/kg)	Calcium, Total (mg/kg)	Chromium, Total (mg/kg)	Cobalt, Total (mg/kg)	Copper, Total (mg/kg)	Iron, Total (mg/kg)	Lead, Total (mg/kg)	Magnesium, Total (mg/kg)	Manganese, Total (mg/kg)	Mercury, Total (mg/kg)	Nickel, Total (mg/kg)	Potassium, Total (mg/kg)	Selenium, Total (mg/kg)	Silver, Total (mg/kg)
					Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals
				Residential Soil SL:	31	0.67	15,000	160	70	NS	120,000	23	3,100	55,000	400	NS	1,800	23	1,500	NS	390	390
				Industrial Soil SL:	470	3	220,000	2,300	980	NS	1,800,000	350	47,000	820,000	800	NS	26,000	350	22,000	NS	5,800	5,800
				Soil Csat/Ceiling SL:	NS	NS	100,000	NS	NS	NS	100,000	NS	NS	100,000	NS	NS	NS	NS	NS	NS	NS	NS
				Chicago Background SL	4	13	110	0.59	0.6	9,300	16.2	8.9	19.6	15,900	36	4,820	636	0.06	18	1,268	0.48	0.55
	SP-15	12-14	01/28/11	Division_H	0.34 J	10	49	0.79	0.51	39000 B	21	8.9 B	38 B	24,000	16	24000 B	360	0.025	33 B	4,500	0.28 J	< 0.09 U
	SP-16	7-9	01/28/11	Division_H	0.8 J	4.9	69	0.59	0.27	78000 B	5.6	3.7	15 B	9000 B	73	40000 B	230	0.38	8.1	1,100	2.2	< 0.083 U
	SP-16	12-14	01/28/11	Division_H	0.31 J	8.6	43	0.67	0.44	39000 B	19	10 B	38 B	21,000	15	23000 B	340	0.026	32 B	4,200	0.62 J	< 0.085 U
	SP-17	7-9	01/28/11	Division_H	0.34 J	5	36	0.68	0.49	71000 B	9.1	4.9	250 B	7300 B	31	7300 B	120	0.023	26	1,200	1.1 J	< 0.093 U
	SP-17	12-14	01/28/11	Division_H	0.56 J	17	27	0.69	0.39	24000 B	15	10 B	71 B	27,000	29	16000 B	320	0.029	36 B	3,300	0.88 J	0.098 J
	SS01	1-3	05/23/12	Division_H	--	8.5	31	--	0.28	--	7	--	--	--	83	--	--	0.094	--	--	0.49 J	< 0.062
	SS01	3-5	05/23/12	Division_H	--	7.2	30	--	0.19 J	--	5.7	--	--	--	46	--	--	0.14	--	--	0.62 J	< 0.063
	SS06	1-3	05/23/12	Division_H	--	4.1	32	--	0.25	--	7.1	--	--	--	64	--	--	0.059	--	--	< 0.27	< 0.056
	SS06	4-6	05/23/12	Division_H	--	5.1	43	--	0.43	--	4.9	--	--	--	37	--	--	0.28	--	--	< 0.37	< 0.077

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep

Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate

BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons

ft = feet
mg/kg = milligrams per kilogram

SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addenc

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					Metals	Metals	Metals	Metals	Cyanide	Cyanide	Organic	RNA
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Sodium, Total (mg/kg)	Thallium, Total (mg/kg)	Vanadium, Total (mg/kg)	Zinc, Total (mg/kg)	Cyanide, Amenable (mg/kg)	Cyanide, Total (mg/kg)	Carbon, Total Organic (mg/kg)	Percent Solids
				Residential Soil SL:	NS	0.78	390	23,000	NS	78	NS	NS
				Industrial Soil SL:	NS	12	5,800	350,000	NS	1,200	NS	NS
				Soil Csat/Ceiling SL:	NS	NS	NS	100,000	NS	NS	NS	NS
				Chicago Background SL	130	0.32	25.2	95	NS	NS	NS	NS
062911052	B-1	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--
062911058	B-6	8-10	09/11/99	Division_H	--	--	--	--	--	--	--	--
042911165	SB01-001	1-2	09/01/05	Division_H	--	< 1.2 U	--	690	< 0.31 U	< 0.31 U	--	--
042911166	SB01-002	9-10	09/01/05	Division_H	--	< 1.3 U	--	110	< 0.34 U	< 0.34 U	--	--
042911167	SB01-003	13-14	09/01/05	Division_H	--	< 1.1 U	--	53	< 0.3 U	< 0.3 U	--	--
042911168	SB02-001	0-1	09/01/05	Division_H	--	< 1 U	--	150	< 0.27 U	< 0.27 U	--	--
042911169	SB02-002	5-6	09/01/05	Division_H	--	< 1.3 U	--	59	< 0.32 U	< 0.32 U	--	--
042911170	SB03-001	0-1	09/01/05	Division_H	--	< 1.1 U	--	130	2.6	28	--	--
042911171	SB03-002	5-6	09/01/05	Division_H	--	< 1.4 U	--	27	2.6	2.6	--	--
042911172	SB03-003	7-8	09/01/05	Division_H	--	< 1.2 U	--	51	< 0.29 U	< 0.29 U	--	--
042911173	SB04-001	2-3	09/01/05	Division_H	--	< 1.2 U	--	13	< 0.32 U	14	--	--
042911174	SB04-002	8-9	09/01/05	Division_H	--	< 1.2 U	--	59	4.2	5.1	--	--
042911175	SB05-001	1-2	09/01/05	Division_H	--	< 1.3 U	--	110	< 0.35 U	48	--	--
042911176	SB05-002	4-5	09/01/05	Division_H	--	< 2.2 U	--	66	20	35	--	--
042911177	SB05-003	5-6	09/01/05	Division_H	--	1.3	--	58	< 0.3 U	< 0.3 U	--	--
042911178	SB06-001	2-3	09/01/05	Division_H	--	< 1.5 U	--	130	3.6	180	--	--
042911179	SB06-002	6-7	09/01/05	Division_H	--	< 1.2 U	--	56	0.38	1.2	--	--
042911180	SB06-003	10-11	09/01/05	Division_H	--	1.1	--	52	< 0.3 U	< 0.3 U	--	--
042911181	SB07-001	1-2	09/01/05	Division_H	--	< 1 U	--	21	< 0.27 U	< 0.27 U	--	--
042911182	SB07-002	8-9	09/01/05	Division_H	--	< 1.1 U	--	47	< 0.29 U	< 0.29 U	--	--
042911183	SB08-001	0-1	09/01/05	Division_H	--	< 1 U	--	63	< 0.27 U	< 0.27 U	--	--
042911184	SB08-002	9-10	09/01/05	Division_H	--	< 1.1 U	--	60	< 0.3 U	< 0.3 U	--	--
042911185	SB09-001	2-3	09/01/05	Division_H	--	< 1.2 U	--	50	< 0.33 U	32	--	--
042911186	SB09-002	4-5	09/01/05	Division_H	310	< 1.5 U	--	92	< 0.4 U	3.5	8.48	--
042911187	SB09-003	9-10	09/01/05	Division_H	--	< 1.1 U	--	51	0.69	2.1	--	--

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
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EPA ID# ILD982074775

					Metals	Metals	Metals	Metals	Cyanide	Cyanide	Organic	RNA
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Sodium, Total (mg/kg)	Thallium, Total (mg/kg)	Vanadium, Total (mg/kg)	Zinc, Total (mg/kg)	Cyanide, Amenable (mg/kg)	Cyanide, Total (mg/kg)	Carbon, Total Organic (mg/kg)	Percent Solids
				Residential Soil SL:	NS	0.78	390	23,000	NS	78	NS	NS
				Industrial Soil SL:	NS	12	5,800	350,000	NS	1,200	NS	NS
				Soil Csat/Ceiling SL:	NS	NS	NS	100,000	NS	NS	NS	NS
				Chicago Background SL	130	0.32	25.2	95	NS	NS	NS	NS
042911188	SB10-001	2-3	09/01/05	Division_H	--	< 1.2 U	--	8.4	8.4	94	--	--
042911189	SB10-002	6-7	09/01/05	Division_H	--	< 1.2 U	--	51	< 0.31 U	< 0.31 U	--	--
042911190	SB11-001	0-1	09/01/05	Division_H	--	< 1 U	--	330	< 0.28 U	11	--	--
042911191	SB11-002	8-9	09/01/05	Division_H	--	< 1.1 U	--	60	< 0.3 U	< 0.3 U	--	--
042911192	SB12-001	0-1	09/01/05	Division_H	--	< 1.1 U	--	73	2	17	--	--
042911193	SB12-002	7-8	09/01/05	Division_H	--	< 1.1 U	--	72	< 0.31 U	< 0.31 U	--	--
	SP-3	2-4	01/27/11	Division_H	430	< 0.35 U	17	550 B	--	0.7	--	--
	SP-3	12-14	01/27/11	Division_H	280	< 0.37 U	25	47 B	--	--	--	--
	SP-4	2-4	01/27/11	Division_H	180	< 0.31 U	14	230 B	--	0.52	--	--
	SP-4	12-14	01/27/11	Division_H	180	< 0.34 U	22	47 B	--	--	--	--
	SP-5	4-6	01/27/11	Division_H	250	< 0.37 U	18	82 B	--	2.5	--	--
	SP-5	12-14	01/27/11	Division_H	270	0.44 J	25	45 B	--	--	--	--
	SP-6	5-7	01/27/11	Division_H	280	< 0.39 U	11	34 B	--	13	--	--
	SP-6	12-14	01/27/11	Division_H	190	0.41 J	25	44 B	--	--	--	--
	SP-7	7-9	01/27/11	Division_H	150	< 0.37 U	25	57 B	--	0.43	--	--
	SP-7	12-14	01/27/11	Division_H	200	< 0.33 U	24	42 B	--	--	--	--
	SP-8	3-5	01/27/11	Division_H	480	< 0.35 U	20	470 B	--	0.29 J	--	--
	SP-8	12-14	01/27/11	Division_H	310	< 0.37 U	23	39 B	--	--	--	--
	SP-9	5-7	01/27/11	Division_H	150	< 0.42 U	29	140 B	--	0.28 J	--	--
	SP-9	12-14	01/27/11	Division_H	220	< 0.35 U	22	39 B	--	--	--	--
	SP-10	6-8	01/27/11	Division_H	380	< 0.46 U	18	220 B	--	2.6	--	--
	SP-10	12-14	01/27/11	Division_H	190	0.55 J	24	46 B	--	--	--	--
	SP-13	2-4	01/28/11	Division_H	180	< 0.36 U	16	160 B	--	0.23 J	--	--
	SP-13	12-14	01/28/11	Division_H	200	0.65 J	21	72 B	--	--	--	--
	SP-15	6-8	01/28/11	Division_H	230	< 0.34 U	12	52 B	--	0.49	--	--

Appendix O1. Soil Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

					Metals	Metals	Metals	Metals	Cyanide	Cyanide	Organic	RNA
Unique Field ID	Location	Depth (ft)	Sample Date	Parcel	Sodium, Total (mg/kg)	Thallium, Total (mg/kg)	Vanadium, Total (mg/kg)	Zinc, Total (mg/kg)	Cyanide, Amenable (mg/kg)	Cyanide, Total (mg/kg)	Carbon, Total Organic (mg/kg)	Percent Solids
				Residential Soil SL:	NS	0.78	390	23,000	NS	78	NS	NS
				Industrial Soil SL:	NS	12	5,800	350,000	NS	1,200	NS	NS
				Soil Csat/Ceiling SL:	NS	NS	NS	100,000	NS	NS	NS	NS
				Chicago Background SL	130	0.32	25.2	95	NS	NS	NS	NS
	SP-15	12-14	01/28/11	Division_H	220	< 0.37 U	26	52 B	--	--	--	--
	SP-16	7-9	01/28/11	Division_H	290	< 0.34 U	12	47 B	--	12	--	--
	SP-16	12-14	01/28/11	Division_H	200	0.7 J	22	45 B	--	--	--	--
	SP-17	7-9	01/28/11	Division_H	300	< 0.38 U	11	75 B	--	9.1	--	--
	SP-17	12-14	01/28/11	Division_H	160	< 0.34 U	25	47 B	--	--	--	--
	SS01	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--
	SS01	3-5	05/23/12	Division_H	--	--	--	--	--	--	--	--
	SS06	1-3	05/23/12	Division_H	--	--	--	--	--	--	--	--
	SS06	4-6	05/23/12	Division_H	--	--	--	--	--	--	--	--

[O:ECK 1/14/15,C:SGW 1/15/15, O:Y_Z 6/2/16]

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated.
J+ = estimated with a positive bias
J- = estimated with a negative bias
R = Result rejected during validation
U = Not detected
B = analyte detec ted at a similar concentration in a blank
Definitions for additional data qualifiers can be found in associated laboratory and validation rep
Csat - Soil saturation limit
N = Normalized hybrid results calculated from QC and Parent Samples
NS = No Standard
SL = screening level
QC = Field Duplicate
ms/msd = matrix spike/matrix spike duplicate
BTEX = benzene, toluene, ethylbenzene and xylene
PAH = polycyclic aromatic hydrocarbons
PCBs = Polychlorinated Biphenyls
RNA = remediation by natural attenuation (lab and field)
SVOC = semivolatile organic compound
VOC = volatile organic compound
TPH = total petroleum hydrocarbons
ft = feet
mg/kg = milligrams per kilogram
SLs shown for reference purposes only. Exceedences not highlighted on this table.
SLs used on this table are the most current USEPA Regional Screening Level (RSL) as present
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Adden

Appendix O2. Groundwater Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Sample Location	Parcel	Duplicate of	Sample Date	Benzene (ug/l)	Ethylbenzene (ug/l)	Toluene (ug/l)	Xylenes, Total (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	1,2,4-Trichlorobenzene (ug/l)	1,2,4-Trimethylbenzene (ug/l)	1,2-Dichlorobenzene (ug/l)	1,2-Dichloroethane (ug/l)	1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	1,3,5-Trimethylbenzene (ug/l)	1,3-Dichlorobenzene (ug/l)	1,3-Dichloropropene (ug/l)	1,4-Dichlorobenzene (ug/l)	2-Hexanone (ug/l)	4-Methyl-2-pentanone (MIBK) (ug/l)	Acetone (ug/l)	Bromodichloromethane (ug/l)
				BTEX	BTEX	BTEX	BTEX	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC
			Groundwater SL:	5	700	1,000	10,000	200	4.3	5	1,400	7	70	15	600	5	NS	5	70	NS	NS	75	35	560	6,300	0.2
			Tap Water SL:	0.45	1.5	1,100	190	8,000	0.076	0.28	2.7	280	1.1	15	300	0.17	NS	0.44	120	NS	NS	0.48	38	1,200	14,000	0.13
			Residential GW Vapor SL:	1.6	3.5	19,000	490	7,400	3.2	5.2	7.6	200	36	29	2,700	2.2	NS	2.4	20	NS	NS	2.6	8,200	550,000	23,000,000	0.88
			Industrial GW Vapor SL:	6.9	15	81,000	2,100	31,000	14	23	33	820	150	120	11,000	9.8	NS	11	86	NS	NS	11	34,000	23,000	95,000,000	3.8
MW-1	Division_H		06/14/12	< 0.074 U	< 0.13 U	< 0.11 U	< 0.068 U	< 0.2 U	< 0.23 U	< 0.28 U	< 0.19 U	< 0.31 U	< 0.28 U	--	< 0.27 U	< 0.28 U	--	< 0.2 U	--	< 0.23 U	< 0.18 U	< 0.25 U	< 0.56 U	--	< 1.3 U	< 0.17 U
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	< 5 U	< 5 U	< 5 U	< 15 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 5 U	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	< 10 U	< 10 U	--	< 5 U
SP-5	Division_H		01/28/11	< 0.17 U	< 0.18 U	0.3 J	< 0.32 U	< 0.18 U	< 0.29 U	< 0.26 U	< 0.25 U	< 0.19 U	--	--	--	< 0.24 U	--	< 0.21 U	--	--	< 0.17 U	--	< 0.8 U	--	32	< 0.19 U

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated
R = Result rejected during validation
U = Not detected
Definitions for additional data qualifiers can be found in associated laboratory and validation reports.
(N) = Normalized sample locations created from combining parent and field duplicate samples following EPA protocol
NS = No Standard
R = Result rejected during validation
QC = Field Duplicate
RB = Rinsate blank
TB = Trip blank
BTEX = Benzene, Toluene, Ethylbenzene and Xylene
PAH = Polycyclic Aromatic Hydrocarbons
PCBs = Polychlorinated Biphenyls
PVOC = Petroleum Volatile Organic Compounds
RNA = Remediation by Natural Attenuation (lab and field)
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound
ft = feet
mg/L = milligrams per liter
NTU = Nephelometric Turbidity Unit
ug/L = micrograms per liter
mmhos/cm = millimhos per centimeter
SL = screening level
SLs shown for reference purposes only. Exceedances not highlighted on this table.
SLs shown on this table were presented in the Multi-Site Risk Assessment Framework (RAF) Revision 0 (Exponent, September 2007) and RAF Addendum Revision 3 (Exponent, July 2014). The groundwater SL presented is the more conservative of the State and MCL values presented in the RAF Addendum Revision 3.
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addendum Revision 3 (Exponent, July 2014).
SLs shown on this table are 10-6 risk value.

Appendix O2. Groundwater Analytical Data With Flags
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Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Sample Location	Parcel	Duplicate of	Sample Date	Bromoform (ug/l)	Bromomethane (ug/l)	Carbon Disulfide (ug/l)	Carbon Tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	cis-1,2-Dichloroethene (ug/l)	cis-1,3-Dichloropropene (ug/l)	Dibromochloromethane (ug/l)	Dichloromethane (ug/l)	Hexachlorobutadiene (ug/l)	Methyl Ethyl Ketone (MEK) (ug/l)	Methyl Isobutyl Ketone (ug/l)	Methyl-tert-butyl-ether (ug/l)	Styrene (ug/l)	Tetrachloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	trans-1,3-Dichloro-1-propene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Trichloroethene (ug/l)	Vinyl Chloride (ug/l)
				VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC
			Groundwater SL:	1	9.8	700	5	100	21,000	70	190	70	1	80	5	7	4,200	NS	70	100	5	100	NS	1	5	2
			Tap Water SL:	9.2	7.5	810	0.45	78	21,000	0.22	190	36	0.47	0.17	11	0.3	5,600	NS	14	1,200	11	360	NS	0.47	0.49	0.019
			Residential GW Vapor SL:	NS	17	1,200	0.41	410	23,000	0.81	260	NS	4.8	3.2	760	NS	2,200,000	NS	450	9,300	15	NS	NS	4.8	1.2	0.15
			Industrial GW Vapor SL:	NS	73	5,200	1.8	1,700	97,000	3.6	1,100	NS	21	14	9,200	NS	94,000	NS	2,000	39,000	65	NS	NS	21	7.4	2.5
MW-1	Division_H		06/14/12	< 0.28 U	< 0.31 U	< 0.43 U	< 0.26 U	< 0.14 U	< 0.34 U	< 0.2 U	< 0.18 U	< 0.12 U	< 0.18 U	< 0.32 U	< 0.68 U	< 1 U	< 1.5 U	< 0.33 U	< 0.24 U	< 0.1 U	< 0.17 U	< 0.25 U	--	< 0.21 U	< 0.19 U	< 0.1 U
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	< 5 U	< 10 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 10 U	< 5 U	< 1 U	< 5 U	< 5 U	< 5 U	< 10 U	--	< 5 U	< 5 U	< 5 U	< 5 U	--	< 1 U	< 5 U	< 2 U
SP-5	Division_H		01/28/11	< 0.42 U	< 0.38 U	< 0.55 U	< 0.25 U	< 0.17 U	< 0.36 U	< 0.15 U	< 0.24 U	< 0.27 U	< 0.17 U	< 0.25 U	< 0.67 U	--	< 2.3 U	< 0.84 U	< 0.24 U	< 0.15 U	< 0.22 U	< 0.32 U	--	< 0.24 U	< 0.24 U	< 0.2 U

NOTES:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Concentration estimated
R = Result rejected during validation
U = Not detected
Definitions for additional data qualifiers can be found in associated laboratory and validation reports.
(N) = Normalized sample locations created from combining parent and field duplicate samples following EPA protocol
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QC = Field Duplicate
RB = Rinsate blank
TB = Trip blank
BTEX = Benzene, Toluene, Ethylbenzene and Xylene
PAH = Polycyclic Aromatic Hydrocarbons
PCBs = Polychlorinated Biphenyls
PVOC = Petroleum Volatile Organic Compounds
RNA = Remediation by Natural Attenuation (lab and field)
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound
ft = feet
mg/L = milligrams per liter
NTU = Nephelometric Turbidity Unit
ug/L = micrograms per liter
mmhos/cm = millimhos per centimeter
SL = screening level
SLs shown for reference purposes only. Exceedances not highlighted on this table.
SLs shown on this table were presented in the Multi-Site Risk Assessment Framework (RAF) Revision 0 (Exponent, September 2007) and RAF Addendum Revision 3 (Exponent, July 2014). The groundwater SL presented is the more conservative of the State and MCL values presented in the RAF Addendum Revision 3.
USEPA RSL update for November 2014 did not necessitate any SL updates to the RAF Addendum Revision 3 (Exponent, July 2014).
SLs shown on this table are 10-6 risk value.

Appendix O2. Groundwater Analytical Data With Flags

North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
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Sample Location	Parcel	Duplicate of	Sample Date	2-Methylnaphthalene (ug/l)	2-Methylnaphthalene (8270) (ug/l)	Acenaphthene (ug/l)	Acenaphthylene (ug/l)	Anthracene (ug/l)	Benzo(a)anthracene (ug/l)	Benzo(a)pyrene (ug/l)	Benzo(b)fluoranthene (ug/l)	Benzo(ghi)perylene (ug/l)	Benzo(k)fluoranthene (ug/l)	Chrysene (ug/l)	Dibenz(a,h)anthracene (ug/l)	Fluoranthene (ug/l)	Fluorene (ug/l)	Indeno(1,2,3-cd)pyrene (ug/l)	Naphthalene (PAH) (ug/l)	Phenanthrene (ug/l)	Pyrene (ug/l)	2,2-Oxybis(1-chloropropane) (ug/l)	2,4-Dinitrotoluene (ug/l)	2,6-Dinitrotoluene (ug/l)	2-Chloronaphthalene (ug/l)	2-Nitroaniline (ug/l)
				PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	SVOC	SVOC	SVOC	SVOC	SVOC
			Groundwater SL:	28	28	420	210	2,100	0.13	0.2	0.18	210	0.17	12	0.3	280	280	0.43	140	210	210	280	0.02	0.31	560	105
			Tap Water SL:	36	36	530	530	1,800	0.034	0.0034	0.034	120	0.34	3.4	0.0034	800	290	0.034	0.17	1,800	120	0.36	0.24	0.048	750	190
			Residential GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.6	NS	NS	93	NS	NS	NS	NS
			Industrial GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	NS	NS	400	NS	NS	NS	NS
MW-1	Division_H		06/14/12	< 0.12 U	--	< 0.34 U	< 0.3 U	< 0.3 U	0.67	1.9	1.6	2.3	2	0.71	2.4	0.52 J	< 0.36 U	2.5	< 0.28 U	0.51 J	0.74 J	< 0.28 U	< 0.28 U	< 0.11 U	< 0.32 U	< 1 U
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	< 5 U	--	< 0.2 U	< 0.2 U	0.41	< 0.13 U	< 0.17 U	< 0.2 U	< 0.1 U	< 0.18 U	< 0.1 U	< 0.1 U	< 0.2 U	< 0.2 U	< 0.1 U	0.2	< 0.2 U	< 0.2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 25 U
SP-5	Division_H		01/28/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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PCBs = Polychlorinated Biphenyls
PVOC = Petroleum Volatile Organic Compounds
RNA = Remediation by Natural Attenuation (lab and field)
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VOC = Volatile Organic Compound
ft = feet
mg/L = milligrams per liter
NTU = Nephelometric Turbidity Unit
ug/L = micrograms per liter
mmhos/cm = millimhos per centimeter
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Appendix O2. Groundwater Analytical Data With Flags

North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Sample Location	Parcel	Duplicate of	Sample Date	3,3-Dichlorobenzidine (ug/l)	3-Nitroaniline (ug/l)	4-Bromodiphenyl ether (ug/l)	4-Chloroaniline (ug/l)	4-Chlorodiphenyl ether (ug/l)	4-Nitroaniline (ug/l)	Bis(2-Chloroethoxy)methane (ug/l)	Bis(2-chloroethyl)ether (ug/l)	Bis(2-Ethylhexyl)phthalate (ug/l)	Butyl benzyl phthalate (ug/l)	Carbazole (ug/l)	Dibenzofuran (ug/l)	Diethyl phthalate (ug/l)	Dimethyl phthalate (ug/l)	Di-n-butyl phthalate (ug/l)	Di-n-octyl phthalate (ug/l)	Hexachlorobenzene (ug/l)	Hexachlorocyclopentadiene (ug/l)	Hexachloroethane (ug/l)	Isophorone (ug/l)	N-nitrosodi-n-propylamine (ug/l)	N-Nitrosodiphenylamine (ug/l)	Nitrobenzene (ug/l)
				SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC	SVOC
			Groundwater SL:	20	NS	NS	28	NS	28	59	10	6	1,400	NS	7	5,600	NS	700	140	0.06	50	7	1,400	1.8	3.2	3.5
			Tap Water SL:	0.12	NS	NS	0.36	NS	3.8	59	0.014	5.6	16	NS	7.9	15,000	NS	900	200	0.049	31	0.9	78	0.011	12	0.14
			Residential GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	72
			Industrial GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	310
MW-1	Division_H		06/14/12	< 0.88 U	< 2.1 U	< 0.85 U	< 2 U	< 0.76 U	< 3.7 U	< 0.28 U	< 0.33 U	< 2.3 U	0.29 J	< 0.93 U	< 0.33 U	< 0.41 U	< 0.36 U	< 0.75 U	< 2.3 U	< 0.13 U	< 3.2 U	< 0.91 U	< 0.27 U	< 0.13 U	< 0.32 U	< 0.42 U
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	< 10 U	< 25 U	< 5 U	< 5 U	< 5 U	< 25 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
SP-5	Division_H		01/28/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Appendix O2. Groundwater Analytical Data With Flags
North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Sample Location	Parcel	Duplicate of	Sample Date	2,4,5-Trichlorophenol (ug/l)	2,4,6-Trichlorophenol (ug/l)	2,4-Dichlorophenol (ug/l)	2,4-Dimethylphenol (ug/l)	2,4-Dinitrophenol (ug/l)	2-Chlorophenol (ug/l)	2-Methylphenol (ug/l)	2-Nitrophenol (ug/l)	3 & 4-Methylphenol (ug/l)	4,6-Dinitro-2-methylphenol (ug/l)	4-Chloro-3-methylphenol (ug/l)	4-Methylphenol (ug/l)	4-Nitrophenol (ug/l)	Pentachlorophenol (ug/l)	Phenol (ug/l)	PCB, Total (ug/l)	PCB-1016 (ug/l)	PCB-1221 (ug/l)	PCB-1232 (ug/l)	PCB-1242 (ug/l)	PCB-1248 (ug/l)	PCB-1254 (ug/l)	PCB-1260 (ug/l)
				Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	Phenols	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
			Groundwater SL:	700	10	21	140	14	35	350	NS	350	0.56	1,400	NS	NS	1	100	0.5	1.1	0.0046	0.0046	0.039	0.039	0.039	0.039
			Tap Water SL:	1,200	4	46	360	39	91	930	NS	930	1.5	1,400	NS	NS	0.04	5,800	0.19	1.1	0.0046	0.0046	0.039	0.039	0.039	0.039
			Residential GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.16	0.16	NS	NS	NS	NS
			Industrial GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.72	0.72	NS	NS	NS	NS
MW-1	Division_H		06/14/12	< 2.1 U	< 1 U	< 2.1 U	< 3.1 U	< 6.9 U	< 0.75 U	< 0.29 U	< 2 U	< 0.41 U	< 4.6 U	< 2.1 U	--	< 2.2 U	< 5.2 U	< 0.34 U	< 0.051 U	< 0.15 U	< 0.23 U	< 0.08 U	< 0.11 U	< 0.095 U	< 0.094 U	< 0.098 U
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	< 10 U	--	< 5 U	< 5 U	< 25 U	< 5 U	< 5 U	< 5 U	--	< 25 U	< 5 U	< 5 U	< 25 U	< 25 U	< 5 U	--	--	--	--	--	--	--	--
SP-5	Division_H		01/28/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Appendix O2. Groundwater Analytical Data With Flags

North Station Former MGP Site
Remedial Investigation Report
Chicago, IL
EPA ID# ILD982074775

Sample Location	Parcel	Duplicate of	Sample Date	4,4-DDD (ug/l)	4,4-DDE (ug/l)	4,4-DDT (ug/l)	Aldrin (ug/l)	alpha-BHC (ug/l)	alpha-Chlordane (ug/l)	beta-BHC (ug/l)	delta-BHC (ug/l)	Dieldrin (ug/l)	Endosulfan I (ug/l)	Endosulfan II (ug/l)	Endosulfan sulfate (ug/l)	Endrin (ug/l)	Endrin aldehyde (ug/l)	Endrin ketone (ug/l)	gamma-BHC (ug/l)	gamma-Chlordane (ug/l)	Heptachlor (ug/l)	Heptachlor Epoxide (ug/l)	Methoxychlor (ug/l)	Toxaphene (ug/l)	Aluminum, Total (ug/l)	Antimony, Total (ug/l)
				Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Pesticide	Metals	Metals
			Groundwater SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3,500	6
			Tap Water SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20,000	7.8
			Residential GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Industrial GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-1	Division_H		06/14/12	< 0.0045 U	< 0.004 U	< 0.0098 U	< 0.0055 U	< 0.0066 U	< 0.0061 U	< 0.0071 U	< 0.0028 U	< 0.003 U	< 0.0028 U	< 0.0054 U	< 0.0077 U	< 0.0079 U	< 0.0085 U	< 0.0082 U	< 0.0029 U	< 0.015 U	< 0.0076 U	< 0.0097 U	< 0.013 U	< 0.14 U	1,800	0.77 J
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 6 U
SP-5	Division_H		01/28/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11,000	1.8 J

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Appendix O2. Groundwater Analytical Data With Flags

North Station Former MGP Site
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				Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Metals	Cyanide	Cyanide
Sample Location	Parcel	Duplicate of	Sample Date	Arsenic, Total (ug/l)	Barium, Total (ug/l)	Beryllium, Total (ug/l)	Cadmium, Total (ug/l)	Calcium, Total (ug/l)	Chromium, Total (ug/l)	Cobalt, Total (ug/l)	Copper, Total (ug/l)	Iron, Total (ug/l)	Lead, Total (ug/l)	Magnesium, Total (ug/l)	Manganese, Total (ug/l)	Mercury, Total (ug/l)	Nickel, Total (ug/l)	Potassium, Total (ug/l)	Selenium, Total (ug/l)	Silver, Total (ug/l)	Sodium, Total (ug/l)	Thallium, Total (ug/l)	Vanadium, Total (ug/l)	Zinc, Total (ug/l)	Cyanide, Amenable (ug/l)	Cyanide, Available (ug/l)
			Groundwater SL:	10	2,000	4	5	NS	100	1,000	650	5,000	7.5	NS	150	2	100	NS	50	50	NS	2	49	5,000	NS	200
			Tap Water SL:	0.052	3,800	25	9.2	NS	22,000	6	800	14,000	15	NS	430	5.7	390	NS	100	94	NS	0.2	86	6,000	NS	20
			Residential GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Industrial GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-1	Division_H		06/14/12	3.7	78 B	< 0.17 U	0.13 J	86000 B	4.3 J	2.6	9.4	5,700	16	190000 B	210	< 0.07 U	7.8	22,000	1.4 J	< 0.069 U	77000 B	< 0.27 U	5.9	26	--	--
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--	--	770	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	5.8	--	< 2 U	< 2 U	--	< 4 U	--	< 10 U	--	4.6	--	--	< 0.25 U	7.9	--	6.5	< 4 U	--	< 4 U	--	< 20 U	--	--
SP-5	Division_H		01/28/11	13	96 B	0.7 J	0.3 J	320000 B	20	20	27 B	18000 B	43	250,000	740 B	0.12 J	48	27000 B	4.1	0.75 ^	130000 B	1.1 J	21	85 B	--	--

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Appendix O2. Groundwater Analytical Data With Flags

North Station Former MGP Site
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EPA ID# ILD982074775

				Cyanide	Inorganic	Inorganic	Inorganic	Inorganic	Inorganic	RNA
Sample Location	Parcel	Duplicate of	Sample Date	Cyanide, Total (ug/l)	Nitrate, Nitrogen, Total (ug/l)	Nitrite, Nitrogen, Total (ug/l)	Nitrogen, Ammonia, Total (ug/l)	Sulfate, Total (ug/l)	Sulfide, Reactive (ug/l)	PH, Laboratory (Standard Units)
			Groundwater SL:	NS	NS	NS	NS	NS	NS	NS
			Tap Water SL:	20	NS	NS	NS	NS	NS	NS
			Residential GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS
			Industrial GW Vapor SL:	NS	NS	NS	NS	NS	NS	NS
MW-1	Division_H		06/14/12	740	--	--	--	--	--	--
MW-1Filtered	Division_H		07/30/12	--	--	--	--	--	--	--
PZ01-001	Division_H		09/01/05	42	--	--	--	--	--	--
SP-5	Division_H		01/28/11	130	--	--	--	--	--	--

[O: AJS C: ECK 5/12/15, O: Y_Z 6/2/16]

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