

*Protecting Our Water Environment*



*Metropolitan Water Reclamation District of Greater Chicago*

***RESEARCH AND DEVELOPMENT  
DEPARTMENT***

***REPORT NO. 03-21-B***

***TRACE ELEMENT CONCENTRATIONS IN STREET DUST AND  
SURFACE SOILS IN THE DRAINAGE BASINS OF THE  
STICKNEY AND CALUMET WATER RECLAMATION PLANTS***

***VOLUME 2***

***APPENDICES***

***October 2003***

**-B**

**TRACE ELEMENT CONCENTRATIONS IN STREET DUST AND  
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**VOLUME 2**

**APPENDICES**

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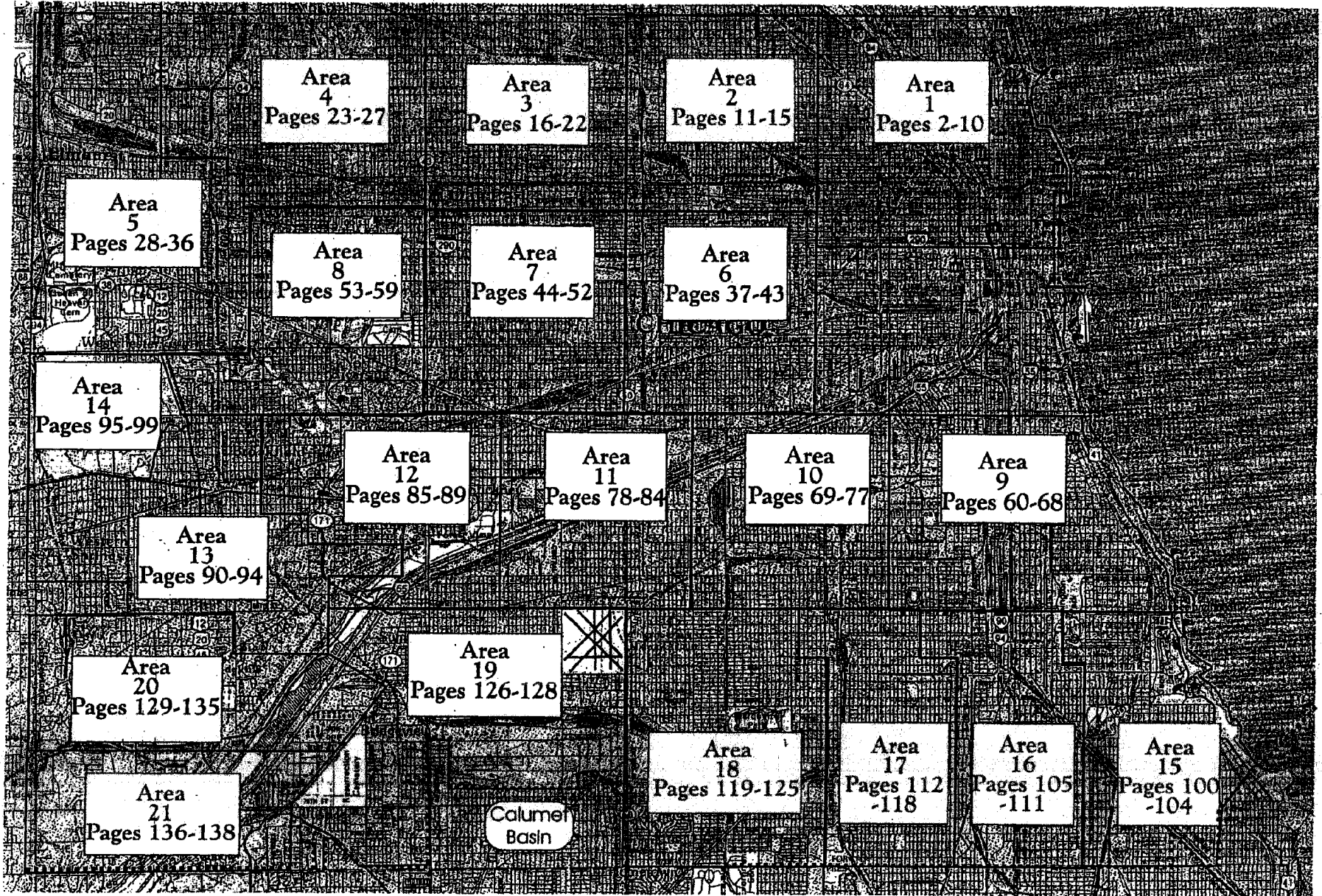
APPENDIX I

STICKNEY WRP STREET DUST AND SURFACE SOIL DATA

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-1

OVERVIEW MAP OF THE STICKNEY DRAINAGE BASIN SAMPLED IN THE STREET DUST STUDY OF 1995  
AND LOCATION OF AREAS



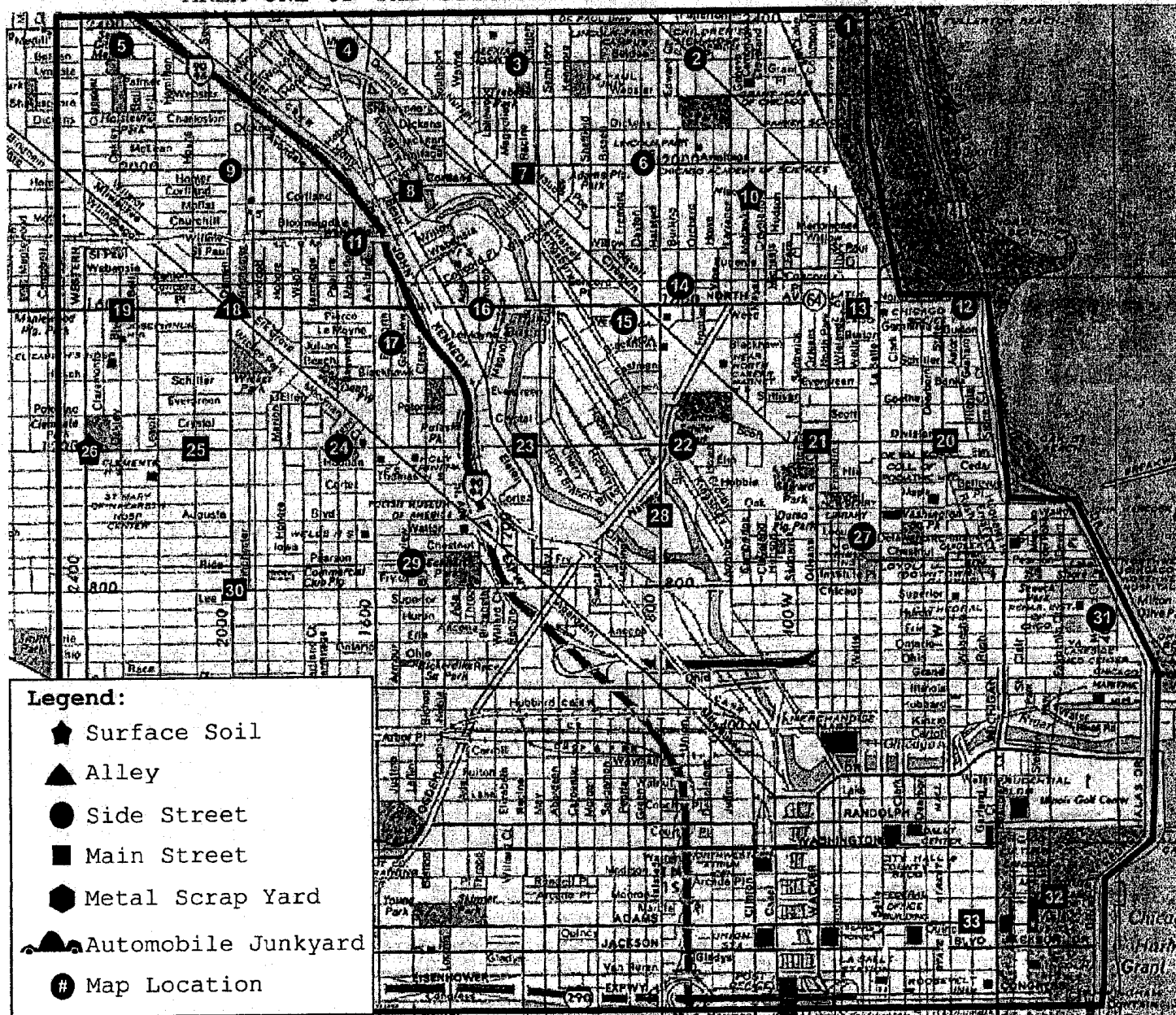
AI-1



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-2

AREA ONE OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



AI-2

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-1

SAMPLES 1-10 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

AI-3

Sample Name	Map Location	Sample Date	Sample Type	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
----- mg/Kg -----													
Stockton & Fullerton	1	7/21/95	Side Street	0.35	NA	4.19	120	0.00	NA	5.09	56.9	280	43,902
Orchard & Kemper	2	7/21/95	Side Street	NA	NA	NA	NA	NA	NA	1.20	18.0	NA	NA
Belden & Racine	3	7/21/95	Side Street	NA	NA	NA	NA	NA	NA	0.20	59.2	NA	NA
Medill	4	7/20/95	Side Street	2.42	2,843	5.55	70.6	0.00	42,884	6.21	25.5	130	19,218
Oakley & Medill	5	7/20/95	Side Street	0.40	3,722	4.05	85.1	0.05	27,719	3.04	21.0	83.1	12,658
Dayton & Armitage	6	7/21/95	Side Street	0.65	1,778	4.03	183	0.00	38,901	2.23	56.7	71.7	22,382
Cortland & Racine	7	7/21/95	Main Street	1.92	2,774	6.81	112	0.00	39,161	17.7	94.7	2,523	44,380
Cortland & Mendell	8	7/21/95	Main Street	NA	NA	NA	NA	NA	NA	0.20	60.0	NA	NA
Damen & Armitage	9	7/20/95	Side Street	NA	1,744	NA	NA	NA	NA	2.40	56.0	85.2	20,714
Mohawk & Wisconsin	10	7/21/95	Surface Soil	0.25	1,685	3.40	54.0	0.00	38,093	2.74	12.0	34.0	11,208

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-1 (Continued)

SAMPLES 1-10 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Stockton & Fullerton	1	7/21/95	Side Street	0.13	NA	307	1.14	17.6	81	1.05	0.00	1.83	311
Orchard & Kemper	2	7/21/95	Side Street	NA	NA	NA	NA	4.8	82	NA	NA	NA	NA
Belden & Racine	3	7/21/95	Side Street	NA	NA	NA	NA	16.8	147	NA	NA	NA	NA
Medill	4	7/20/95	Side Street	NA	23,993	289	2.33	13.0	484	0.79	0.00	2.41	568
Oakley & Medill	5	7/20/95	Side Street	NA	15,519	206	1.31	15.8	389	0.91	0.00	0.70	297
Dayton & Armitage	6	7/21/95	Side Street	NA	22,658	257	4.67	16.7	884	1.47	0.00	1.74	333
Cortland & Racine	7	7/21/95	Main Street	NA	21,820	411	17.4	72.2	355	2.11	0.00	1.31	1,131
Cortland & Mendell	8	7/21/95	Main Street	NA	NA	NA	NA	46.8	248	NA	NA	NA	NA
Damen & Armitage	9	7/20/95	Side Street	NA	NA	748	NA	13.6	142	NA	NA	NA	236
Mohawk & Wisconsin	10	7/21/95	Surface Soil	NA	22,204	171	2.38	25.0	252	0.60	0.00	2.02	246

NA = No analysis.

AI-4

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-2

SAMPLES 11-20 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Marshfield (school)	11	7/20/95	Side Street	0.52	1,732	3.85	69.1	0.00	NA	2.07	20.0	292	12,421
Astor & North	12	7/21/95	Side Street	NA	NA	NA	NA	NA	NA	6.80	23.2	NA	NA
Wells & North	13	7/21/95	Main Street	0.41	2,027	3.37	84.7	0.00	39,008	2.13	46.0	317	18,116
Burling & Concord Pl	14	7/21/95	Side Street	NA	NA	NA	NA	NA	NA	1.60	24.0	NA	NA
Freemont & Weed	15	7/21/95	Side Street	NA	NA	NA	NA	NA	NA	0.40	73.2	NA	NA
Throop & North	16	7/21/95	Side Street	NA	NA	NA	NA	NA	NA	1.40	52.8	NA	NA
Bosworth & LeMoyne	17	7/21/95	Side Street	1.45	2,281	3.59	81.6	0.00	36,922	4.34	26.9	77.8	15,318
Damen & North	18	7/21/95	Alley	0.51	1,435	4.76	139	0.00	31,842	2.14	22.4	77.2	32,070
Oakley & North	19	7/20/95	Main Street	0.39	2,388	3.75	87.4	0.00	NA	2.65	28.4	70.9	13,981
State & Division	20	7/21/95	Main Street	0.44	2,457	4.12	276	0.00	37,838	3.64	55.9	64.7	18,462

AI-5

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-2 (Continued)

SAMPLES 11-20 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Marshfield (school)	11	7/20/95	Side Street	0.18	NA	221	8.13	10.8	220	0.38	0.00	2.39	266
Astor & North	12	7/21/95	Side Street	NA	NA	NA	NA	7.6	66	NA	NA	NA	NA
Wells & North	13	7/21/95	Main Street	NA	21,514	191	2.07	13.7	397	1.03	0.00	1.96	445
Burling & Concord Pl	14	7/21/95	Side Street	NA	NA	NA	NA	7.6	136	NA	NA	NA	NA
Freemont & Weed	15	7/21/95	Side Street	NA	NA	NA	NA	28.8	240	NA	NA	NA	NA
Throop & North	16	7/21/95	Side Street	NA	NA	NA	NA	22.4	146	NA	NA	NA	NA
Bosworth & LeMoyné	17	7/21/95	Side Street	NA	21,183	228	2.28	16.3	280	0.70	0.00	2.00	319
Damen & North	18	7/21/95	Alley	NA	16,955	227	0.73	18.0	755	0.60	0.00	1.02	271
Oakley & North	19	7/20/95	Main Street	0.06	NA	199	4.21	15.9	245	0.84	0.00	2.99	381
State & Division	20	7/21/95	Main Street	0.22	18,619	219	1.17	11.6	1,373	1.31	0.00	1.92	684

NA = No analysis.

AI-6

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-3

SAMPLES 21-30 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Orleans & Division	21	7/21/95	Main Street	NA	NA	NA	NA	NA	NA	0.00	62.0	NA	NA
Crosby & Division	22	7/21/95	Side Street	0.45	3,541	3.70	125	0.03	35,158	3.36	43.8	148	26,037
N. Bra. Chi. R. & Division	23	7/21/95	Main Street	NA	NA	NA	NA	NA	NA	0.00	42.8	NA	NA
Paulina & Division	24	7/21/95	Side Street	0.58	NA	4.49	93	0.00	NA	9.01	55.6	139	32,812
Hoyne & Division	25	7/21/95	Main Street	NA	NA	NA	NA	NA	NA	8.80	64.0	NA	NA
Western & Division	26	7/21/95	Surface Soil	NA	NA	NA	NA	NA	NA	7.60	45.6	NA	NA
Wells & Locust	27	7/21/95	Side Street	NA	NA	NA	NA	NA	NA	0.00	47.2	NA	NA
Hooker & Halsted	28	7/21/95	Main Street	NA	NA	NA	NA	NA	NA	0.00	27.2	NA	NA
Greenview & Pearson	29	7/21/95	Side Street	0.61	1,850	3.09	78.9	0.00	37,252	2.55	22.1	122	18,649
Damen & Chicago	30	7/21/95	Main Street	1.45	2,301	2.87	198	0.00	35,043	3.94	61.3	136	32,457

AI-7

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-3 (Continued)

SAMPLES 21-30 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Orleans & Division	21	7/21/95	Main Street	NA	NA	NA	NA	31.6	128	NA	NA	NA	NA
Crosby & Division	22	7/21/95	Side Street	NA	18,743	312	2.13	20.3	299	1.03	0.00	1.32	407
N. Bra. Chi. R. & Division	23	7/21/95	Main Street	NA	NA	NA	NA	16.0	222	NA	NA	NA	NA
Paulina & Division	24	7/21/95	Side Street	0.17	NA	262	3.57	23.0	238	0.98	0.00	2.06	405
Hoyne & Division	25	7/21/95	Main Street	NA	NA	NA	NA	17.2	122	NA	NA	NA	NA
Western & Division	26	7/21/95	Surface Soil	NA	NA	NA	NA	32.8	188	NA	NA	NA	NA
Wells & Locust	27	7/21/95	Side Street	NA	NA	NA	NA	12.4	121	NA	NA	NA	NA
Hooker & Halsted	28	7/21/95	Main Street	NA	NA	NA	NA	8.80	136	NA	NA	NA	NA
Greenview & Pearson	29	7/21/95	Side Street	NA	21,889	192	0.73	16.4	277	0.68	0.00	1.83	307
Damen & Chicago	30	7/21/95	Main Street	NA	18,631	279	2.81	22.4	551	0.90	0.00	1.23	432

NA = No analysis.

AI-8

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-4

SAMPLES 31-33 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
----- mg/Kg -----													
McClurg & Huron	31	7/25/95	Side Street	0.70	NA	4.21	87	0.00	NA	2.99	53.6	136	20,975
Monroe & Columbus	32	8/30/95	Main Street	4.00	2,159	3.90	73.6	0.00	35,371	4.91	81.2	113	34,229
Wabash & Adams	33	8/30/95	Main Street	10.8	4,325	5.11	192	0.00	34,970	14.4	69.9	136	33,375

AI-9



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-4 (Continued)

SAMPLES 31-33 FROM AREA ONE (LOCATED BETWEEN FULLERTON AVE., THE LAKE, I290, AND WESTERN AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
McClurg & Huron	31	7/25/95	Side Street	0.10	NA	315	1.88	15.1	99.7	1.31	0.00	4.12	312
Monroe & Columbus	32	8/30/95	Main Street	NA	20,349	372	2.08	21.1	188	1.51	0.00	0.46	367
Wabash & Adams	33	8/30/95	Main Street	NA	18,324	300	5.88	30.6	313	2.18	0.00	0.80	675

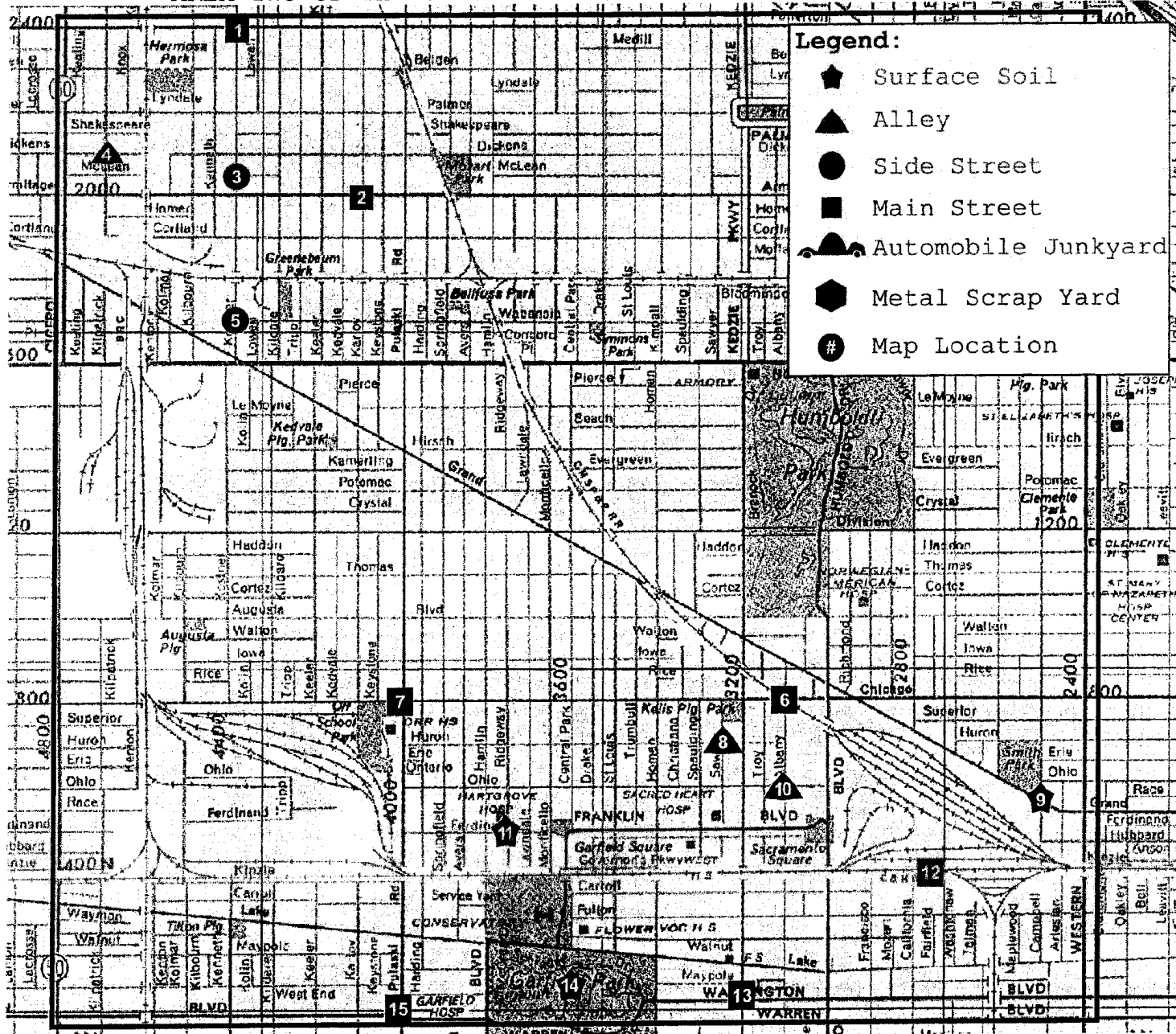
NA = No analysis.

AI-10

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-3

AREA TWO OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



AI-11

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-5

SAMPLES 1-10 FROM AREA TWO (LOCATED BETWEEN FULLERTON AVE., WESTERN AVE., WASHINGTON BLVD., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	----- mg/Kg -----				
									Ca	Cd	Cr	Cu	Fe
Kostner & Fullerton	1	Main Street	7/18/95	0.42	1,125	2.56	83.6	0.00	42,984	6.26	70.1	153	27,457
Karlou & Armitage	2	Main Street	7/18/95	NA	NA	NA	NA	NA	NA	3.20	52.0	NA	NA
Kostner & McLean	3	Side Street	7/18/95	NA	NA	NA	NA	NA	NA	3.20	94.0	NA	NA
Kilpatrick & Dickens	4	Alley	7/18/95	NA	NA	NA	NA	NA	NA	4.80	12.4	NA	NA
Kostner & Wabansia	5	Side Street	7/18/95	NA	NA	NA	NA	NA	NA	9.20	59.6	NA	NA
Albany & Chicago	6	Main Street	8/18/95	1.03	3,335	4.28	86.4	0.00	28,349	3.33	23.6	111	18,389
Pulaski & Chicago	7	Main Street	8/18/95	NA	2,060	NA	NA	NA	NA	4.40	80.0	382	40,834
Sawyer & Huron	8	Alley	8/18/95	NA	3,804	NA	NA	NA	NA	2.80	10.4	27.2	15,474
Campbell & Grand	9	Surface Soil	8/18/95	0.23	3,172	4.72	70.9	0.13	NA	2.82	17.5	56.1	15,568
Albany & Ohio	10	Alley	8/18/95	11.3	3,264	14.8	755	NA	45,252	8.16	18.9	165	34,379

AI-12

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-5 (Continued)

SAMPLES 1-10 FROM AREA TWO (LOCATED BETWEEN FULLERTON AVE., WESTERN AVE., WASHINGTON BLVD., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Kostner & Fullerton	1	Main Street	7/18/95	NA	25,432	355	0.64	36.4	313	1.27	0.00	1.98	352
Karlou & Armitage	2	Main Street	7/18/95	NA	NA	NA	NA	18.0	189	NA	NA	NA	NA
Kostner & McLean	3	Side Street	7/18/95	NA	NA	NA	NA	40.0	275	NA	NA	NA	NA
Kilpatrick & Dickens	4	Alley	7/18/95	NA	NA	NA	NA	9.60	82.0	NA	NA	NA	NA
Kostner & Wabansia	5	Side Street	7/18/95	NA	NA	NA	NA	44.0	248	NA	NA	NA	NA
Albany & Chicago	6	Main Street	8/18/95	NA	14,421	217	1.00	14.6	280	0.73	0.00	1.04	351
Pulaski & Chicago	7	Main Street	8/18/95	NA	NA	436	NA	30.0	144	NA	NA	NA	436
Sawyer & Huron	8	Alley	8/18/95	NA	NA	313	NA	9.20	187	NA	NA	NA	316
Campbell & Grand	9	Surface Soil	8/18/95	0.14	NA	223	0.88	16.1	173	0.40	0.00	0.48	248
Albany & Ohio	10	Alley	8/18/95	NA	17,516	305	0.00	34.9	82.4	5.60	4.00	4.00	2,247

NA = No analysis.

AI-13

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-6

SAMPLES 11-15 FROM AREA TWO (LOCATED BETWEEN FULLERTON AVE., WESTERN AVE., WASHINGTON BLVD., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Ridgeway & Ferdinand	11	Surface Soil	8/18/95	NA	2,560	NA	NA	NA	NA	2.00	11.2	14.4	7,354
Fairfield & Kinzie	12	Main Street	8/18/95	2.05	4,796	3.41	53.6	0.00	49,425	4.16	127	1,100	21,468
Washington & Kedzie	13	Main Street	8/18/95	NA	2,108	NA	NA	NA	NA	5.20	41.2	290	30,674
Central Pk & Maypole	14	Surface Soil	8/18/95	0.36	4,960	2.90	99.6	0.06	NA	5.07	43.6	127	24,686
Pulaski & Washington	15	Main Street	8/18/95	0.54	3,548	4.85	119	0.00	NA	6.07	50.1	124	31,132

AI-14

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-6 (Continued)

SAMPLES 11-15 FROM AREA TWO (LOCATED BETWEEN FULLERTON AVE., WESTERN AVE., WASHINGTON BLVD., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Ridgeway & Ferdinand	11	Surface Soil	8/18/95	NA	NA	202	NA	7.20	67.6	NA	NA	NA	75.6
Fairfield & Kinzie	12	Main Street	8/18/95	0.17	31,371	299	74.7	207	211	0.84	0.00	3.78	685
Washington & Kedzie	13	Main Street	8/18/95	NA	NA	263	NA	19.6	293	NA	NA	NA	275
Central Pk & Maypole	14	Surface Soil	8/18/95	0.12	NA	282	0.32	23.4	266	0.69	0.00	1.68	574
Pulaski & Washington	15	Main Street	8/18/95	0.20	NA	359	2.90	34.1	233	1.42	0.00	2.72	432

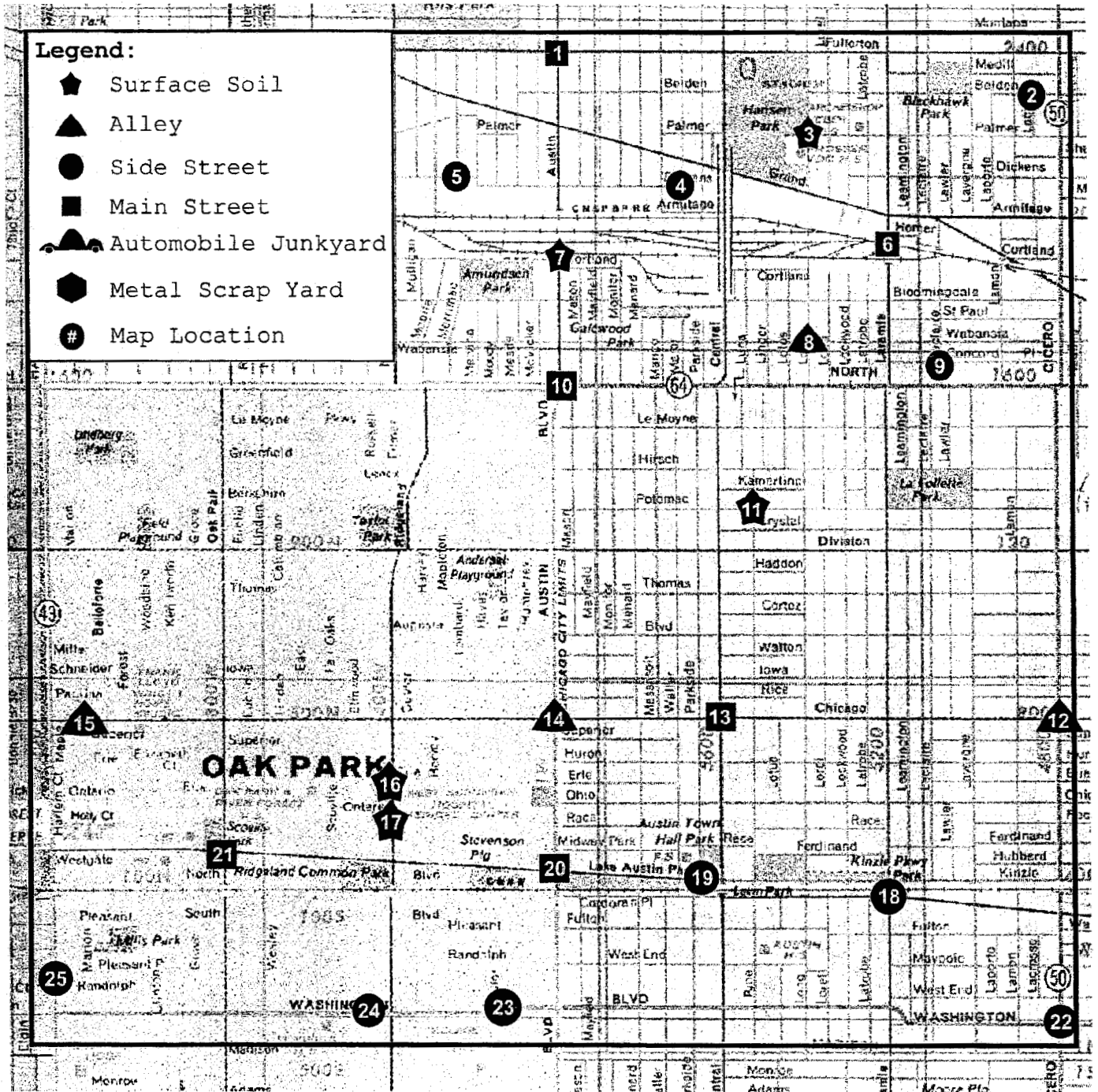
NA = No analysis.

AI-15

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-4

AREA THREE OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-7

SAMPLES 1-10 FROM AREA THREE (LOCATED BETWEEN FULLERTON AVE., CICERO AVE., WASHINGTON BLVD., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Austin & Fullerton	1	Main Street	7/18/95	NA	NA	NA	NA	NA	NA	1.20	22.0	NA	NA	
LaCrosse & Belden	2	Side Street	7/18/95	0.22	1,847	3.48	44.9	0.00	31,245	7.04	26.7	76.5	20,235	
Long & Palmer	3	Surface Soil	7/18/95	0.32	NA	4.08	119	0.00	NA	3.15	53.3	129	29,868	
Major & Dickens	4	Side Street	7/18/95	NA	NA	NA	NA	NA	NA	2.40	20.8	NA	NA	
Mobile & Dickens	5	Side Street	7/18/95	NA	NA	NA	NA	NA	NA	0.40	10.4	NA	NA	
Laramie & RR tracks	6	Main Street	7/18/95	0.47	2,295	4.38	68.9	0.00	42,752	4.91	59.5	304	37,274	
Austin & Courtland	7	Surface Soil	7/18/95	NA	NA	NA	NA	NA	NA	9.20	173	NA	NA	
Long & Wabansia	8	Alley	7/18/95	NA	NA	NA	NA	NA	NA	8.80	6.80	NA	NA	
LeClair & Concord	9	Side Street	7/18/95	NA	NA	NA	NA	NA	NA	4.80	5.20	NA	NA	
Austin & North	10	Main Street	7/18/95	0.69	NA	12.0	86.9	0.00	NA	5.24	74.2	209	26,932	

AI-17



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-7 (Continued)

SAMPLES 1-10 FROM AREA THREE (LOCATED BETWEEN FULLERTON AVE., CICERO AVE., WASHINGTON BLVD., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Austin & Fullerton	1	Main Street	7/18/95	NA	NA	NA	NA	8.00	244	NA	NA	NA	NA
LaCrosse & Belden	2	Side Street	7/18/95	NA	17,743	193	0.51	20.6	89.5	0.69	0.00	1.12	173
Long & Palmer	3	Surface Soil	7/18/95	0.07	NA	221	1.38	18.2	89.9	1.01	0.00	2.71	259
Major & Dickens	4	Side Street	7/18/95	NA	NA	NA	NA	12.0	106	NA	NA	NA	NA
Mobile & Dickens	5	Side Street	7/18/95	NA	NA	NA	NA	5.60	65.2	NA	NA	NA	NA
Laramie & RR tracks	6	Main Street	7/18/95	NA	24,512	408	0.58	16.0	200	1.51	0.00	2.07	450
Austin & Courtland	7	Surface Soil	7/18/95	NA	NA	NA	NA	76.8	51.6	NA	NA	NA	NA
Long & Wabansia	8	Alley	7/18/95	NA	NA	NA	NA	6.40	66.4	NA	NA	NA	NA
LeClair & Concord	9	Side Street	7/18/95	NA	NA	NA	NA	5.60	15.6	NA	NA	NA	NA
Austin & North	10	Main Street	7/18/95	0	NA	524	1.83	20.5	159	0.96	0.00	2.57	395

NA = No analysis.

AI-18

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-8

SAMPLES 11-20 FROM AREA THREE (LOCATED BETWEEN FULLERTON AVE., CICERO AVE., WASHINGTON BLVD., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Pine & Potomac	11	Surface Soil	8/22/95	NA	NA	NA	NA	NA	NA	11.6	16.4	NA	NA
Cicero & Chicago	12	Alley	8/22/95	1.01	4,071	2.60	251	0.00	39,588	8.54	23.3	249	11,623
Central & Chicago	13	Main Street	8/22/95	0.58	1,642	3.64	95.0	0.03	39,586	5.23	47.9	182	28,461
Austin & Chicago	14	Alley	8/22/95	2.04	1,637	3.90	42.6	0.00	44,891	3.45	22.3	60.9	21,125
Marion & Chicago	15	Alley	8/22/95	NA	NA	NA	NA	NA	NA	6.20	32.0	NA	NA
Ridgeland & Erie	16	Surface Soil	8/22/95	NA	NA	NA	NA	NA	NA	10.4	30.0	NA	NA
Ridgeland & Ontario	17	Surface Soil	8/22/95	5.92	NA	4.09	113	0.87	NA	3.88	31.9	48.6	16,812
Laramie & Lake	18	Side Street	8/22/95	0.42	3,153	4.53	68.1	0.00	49,581	1.97	15.6	36.2	15,794
Parkside & Lake	19	Side Street	8/22/95	0.25	2,974	1.97	68.9	0.09	30,652	5.25	33.0	47.4	15,367
Austin & Lake	20	Main Street	8/22/95	0.86	2,368	2.80	104	0.00	37,893	6.40	99.5	105	31,778

AI-19

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-8 (Continued)

SAMPLES 11-20 FROM AREA THREE (LOCATED BETWEEN FULLERTON AVE., CICERO AVE., WASHINGTON BLVD., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Pine & Potomac	11	Surface Soil	8/22/95	NA	NA	NA	NA	14.8	81.6	NA	NA	NA	NA
Cicero & Chicago	12	Alley	8/22/95	NA	20,311	324	1.00	18.4	562	1.80	0.00	2.07	603
Central & Chicago	13	Main Street	8/22/95	0	23,199	285	1.75	30.5	324	1.02	0.00	1.62	702
Austin & Chicago	14	Alley	8/22/95	NA	26,549	198	0.67	13.1	318	9.78	0.00	2.97	317
Marion & Chicago	15	Alley	8/22/95	NA	NA	NA	NA	13.6	287	NA	NA	NA	NA
Ridgeland & Erie	16	Surface Soil	8/22/95	NA	NA	NA	NA	14.4	124	NA	NA	NA	NA
Ridgeland & Ontario	17	Surface Soil	8/22/95	0.39	NA	1,084	0.89	11.1	153	0.56	0.00	5.14	202
Laramie & Lake	18	Side Street	8/22/95	NA	27,541	240	1.48	18.1	243	0.55	0.00	3.38	280
Parkside & Lake	19	Side Street	8/22/95	NA	17,760	228	0.61	15.7	306	0.32	0.00	1.22	227
Austin & Lake	20	Main Street	8/22/95	NA	18,377	241	0.28	22.7	1,078	13.6	0.00	1.78	300

NA = No analysis.

AI-20

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-9

SAMPLES 21-25 FROM AREA THREE (LOCATED BETWEEN FULLERTON AVE., CICERO AVE., WASHINGTON BLVD., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Oak Park & Lake	21	Main Street	8/22/95	0.85	3,973	3.34	64.6	0.00	36,555	7.03	59.9	70.0	22,652
Cicero & Washington	22	Side Street	8/22/95	0.67	3,476	3.45	95.7	0.11	30,662	3.83	51.7	90.0	21,746
Taylor & Washington	23	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	3.20	88.8	NA	NA
Elmwood & Washington	24	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	8.20	32.8	NA	NA
Harlem & Randolph	25	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	3.80	36.4	NA	NA

AI-21

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-9 (Continued)

SAMPLES 21-25 FROM AREA THREE (LOCATED BETWEEN FULLERTON AVE., CICERO AVE., WASHINGTON BLVD., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Oak Park & Lake	21	Main Street	8/22/95	NA	18,626	336	0.77	19.6	297	0.68	0.00	1.65	226
Cicero & Washington	22	Side Street	8/22/95	NA	15,873	393	1.61	22.0	345	0.44	0.00	0.96	367
Taylor & Washington	23	Side Street	8/22/95	NA	NA	NA	NA	18.4	193	NA	NA	NA	NA
Elmwood & Washington	24	Side Street	8/22/95	NA	NA	NA	NA	17.2	148	NA	NA	NA	NA
Harlem & Randolph	25	Side Street	8/22/95	NA	NA	NA	NA	8.00	95.2	NA	NA	NA	NA

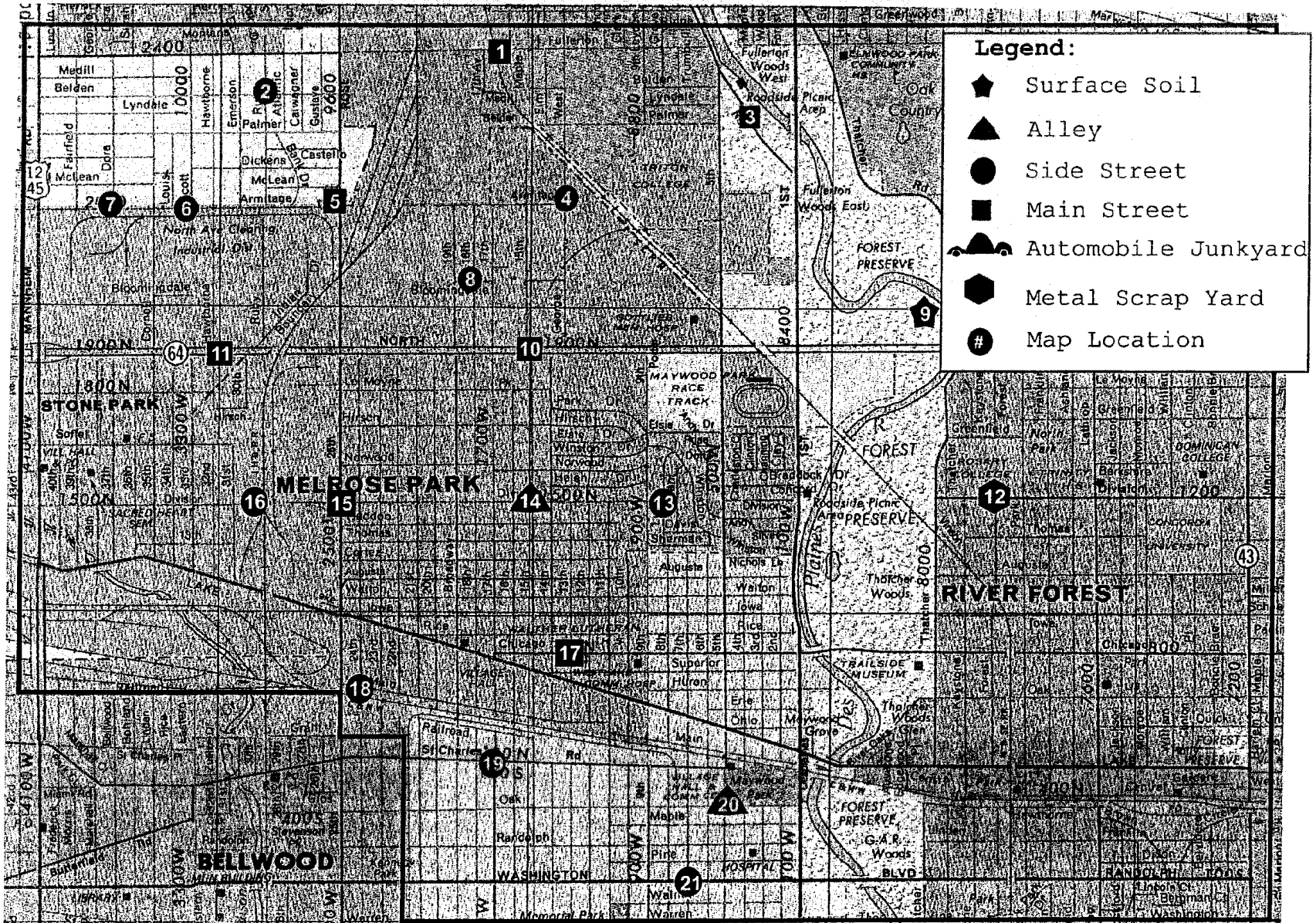
NA = No analysis.

AI-22

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI - 5

AREA FOUR OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-10

SAMPLES 1-10 FROM AREA FOUR (LOCATED BETWEEN FULLERTON AVE., HARLEM AVE., WASHINGTON BLVD., AND MANNHEIM RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
RR & Fullerton	1	Main Street	7/13/95	NA	976	NA	NA	NA	NA	2.80	20.0	51.2	11,911
Ruby & Belden	2	Side Street	7/13/95	NA	1,252	NA	NA	NA	NA	1.20	11.2	26.4	8,034
River & Palmer	3	Main Street	7/13/95	NA	10,040	NA	NA	NA	NA	0.80	22.0	20.0	19,231
George & Armitage	4	Side Street	7/13/95	NA	9,480	NA	NA	NA	NA	2.40	40.4	29.2	18,391
25th & Armitage	5	Main Street	7/13/95	NA	1,332	NA	NA	NA	NA	7.20	26.8	120	10,794
Scott & Armitage	6	Side Street	7/13/95	NA	2,356	NA	NA	NA	NA	4.00	17.2	53.2	13,234
Dora & Armitage	7	Side Street	7/13/95	NA	4,440	NA	NA	NA	NA	4.00	30.4	83.2	20,434
18th & Bloomingdale	8	Side Street	7/13/95	NA	2,472	NA	NA	NA	NA	1.60	58.4	140	23,471
River & Gotlieb	9	Surface Soil	7/13/95	NA	3,940	NA	NA	NA	NA	4.80	86.0	142	16,031
15th & North	10	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	5.60	96.4	NA	NA

AI-24

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-10 (Continued)

SAMPLES 1-10 FROM AREA FOUR (LOCATED BETWEEN FULLERTON AVE., HARLEM AVE., WASHINGTON BLVD., AND MANNHEIM RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
RR & Fullerton	1	Main Street	7/13/95	NA	NA	288	NA	9.20	59.6	NA	NA	NA	130
Ruby & Belden	2	Side Street	7/13/95	NA	NA	203	NA	16.4	12.8	NA	NA	NA	101
River & Palmer	3	Main Street	7/13/95	NA	NA	359	NA	9.20	25.2	NA	NA	NA	67.6
George & Armitage	4	Side Street	7/13/95	NA	NA	404	NA	12.8	84.8	NA	NA	NA	84.0
25th & Armitage	5	Main Street	7/13/95	NA	NA	237	NA	6.00	22.0	NA	NA	NA	179
Scott & Armitage	6	Side Street	7/13/95	NA	NA	252	NA	16.4	53.2	NA	NA	NA	265
Dora & Armitage	7	Side Street	7/13/95	NA	NA	412	NA	12.8	124	NA	NA	NA	219
18th & Bloomingdale	8	Side Street	7/13/95	NA	NA	340	NA	24.8	87.6	NA	NA	NA	172
River & Gotlieb	9	Surface Soil	7/13/95	NA	NA	282	NA	16.0	124	NA	NA	NA	225
15th & North	10	Main Street	8/25/95	NA	NA	NA	NA	19.2	64.8	NA	NA	NA	NA

NA = No analysis.

AI-25



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-11

SAMPLES 11-21 FROM AREA FOUR (LOCATED BETWEEN FULLERTON AVE., HARLEM AVE., WASHINGTON BLVD., AND MANNHEIM RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Hawthorne & North	11	Main Street	7/13/95	NA	1,772	NA	NA	NA	NA	2.40	36.4	66.4	18,874
Forest & Division	12	Metal Scrap Yard	8/30/95	13.3	3,330	4.55	52.1	0.99	41,842	6.49	39.5	60.2	13,754
Lee & Division	13	Side Street	8/25/95	NA	NA	NA	NA	NA	NA	3.20	14.4	NA	NA
15th & Division	14	Alley	8/25/95	NA	NA	NA	NA	NA	NA	2.80	11.2	NA	NA
25th & Division	15	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	2.80	54.4	NA	NA
30th & Division	16	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	1.20	31.6	NA	NA
13th & Chicago	17	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	4.40	64.4	NA	NA
24th & Main	18	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	2.00	109	NA	NA
17th & St. Charles	19	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	2.00	46.8	NA	NA
5th & Oak	20	Alley	8/22/95	NA	NA	NA	NA	NA	NA	3.20	3.2	NA	NA
7th & Washington	21	Side Street	8/22/95	0.52	2,124	4.76	65.5	0.00	45,706	4.02	63.6	74.6	24,444

AI-26

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-11 (Continued)

SAMPLES 11-21 FROM AREA FOUR (LOCATED BETWEEN FULLERTON AVE., HARLEM AVE., WASHINGTON BLVD., AND MANNHEIM RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Hawthorne & North	11	Main Street	7/13/95	NA	NA	364	NA	12.4	60.8	NA	NA	NA	221
Forest & Division	12	Metal Scrap Yard	8/30/95	NA	28,126	262	2.35	11.4	160	0.82	0.00	3.05	198
Lee & Division	13	Side Street	8/25/95	NA	NA	NA	NA	8.40	41.6	NA	NA	NA	NA
15th & Division	14	Alley	8/25/95	NA	NA	NA	NA	7.60	51.2	NA	NA	NA	NA
25th & Division	15	Main Street	8/25/95	NA	NA	NA	NA	15.6	59.2	NA	NA	NA	NA
30th & Division	16	Side Street	7/25/95	NA	NA	NA	NA	11.6	74.8	NA	NA	NA	NA
13th & Chicago	17	Main Street	8/25/95	NA	NA	NA	NA	10.8	76.4	NA	NA	NA	NA
24th & Main	18	Side Street	8/22/95	NA	NA	NA	NA	22.4	88.4	NA	NA	NA	NA
17th & St. Charles	19	Side Street	8/22/95	NA	NA	NA	NA	11.2	183	NA	NA	NA	NA
5th & Oak	20	Alley	8/22/95	NA	NA	NA	NA	3.60	49.2	NA	NA	NA	NA
7th & Washington	21	Side Street	8/22/95	NA	30,328	226	0.93	12.6	323	0.97	0.00	3.11	246

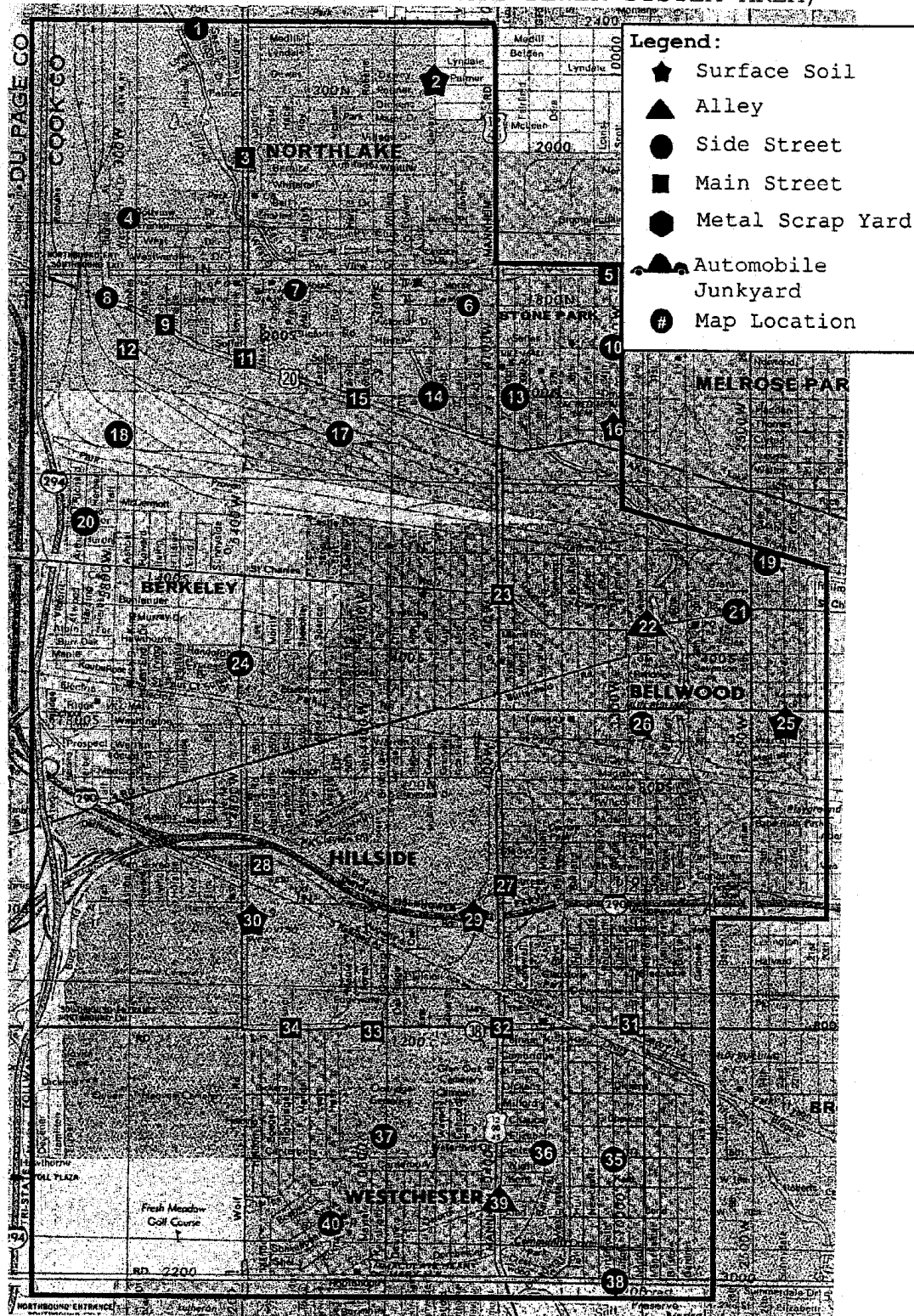
NA = No analysis.

AI-27

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI - 6

AREA FIVE OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY  
(ALL SAMPLES IN THE SEPARATE SEWER SYSTEM AREA)



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-12

SAMPLES 1-10 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Jerome & Fullerton	1	Side Street	7/13/95	NA	2,696	NA	NA	NA	NA	0.80	17.6	163	10,631
Geneva & E. Dewey	2	Surface Soil	7/13/95	NA	2,076	NA	NA	NA	NA	1.20	30.0	28.4	7,311
Wolf & Armitage	3	Main Street	7/13/95	NA	1,840	NA	NA	NA	NA	4.80	108	73.6	21,911
Golfview & Westard Ho	4	Side Street	7/13/95	NA	2,968	NA	NA	NA	NA	0.80	50.4	42.4	11,751
34th & North	5	Main Street	7/25/95	NA	NA	NA	NA	NA	NA	2.80	18.0	NA	NA
44th & LeMoyne	6	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	0.80	28.0	NA	NA
Dodd & Praetor	7	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	4.40	16.4	NA	NA
Taft & Lake	8	Main Street	7/25/95	NA	NA	NA	NA	NA	NA	2.00	21.6	NA	NA
Lake & Irving	9	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	0.00	71.6	NA	NA
34th & Softel	10	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	2.80	33.2	NA	NA

AI-29

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-12 (Continued)

SAMPLES 1-10 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
									----- mg/Kg -----				
Jerome & Fullerton	1	Side Street	7/13/95	NA	NA	210	NA	8.80	331	NA	NA	NA	319
Geneva & E. Dewey	2	Surface Soil	7/13/95	NA	NA	211	NA	8.40	106	NA	NA	NA	168
Wolf & Armitage	3	Main Street	7/13/95	NA	NA	282	NA	14.8	284	NA	NA	NA	207
Golfview & Westard Ho	4	Side Street	7/13/95	NA	NA	220	NA	8.80	154	NA	NA	NA	231
34th & North	5	Main Street	7/25/95	NA	NA	NA	NA	12.4	66.4	NA	NA	NA	NA
44th & LeMoyne	6	Side Street	7/25/95	NA	NA	NA	NA	13.2	39.6	NA	NA	NA	NA
Dodd & Praetor	7	Side Street	7/25/95	NA	NA	NA	NA	5.60	38.8	NA	NA	NA	NA
Taft & Lake	8	Main Street	7/25/95	NA	NA	NA	NA	9.20	41.6	NA	NA	NA	NA
Lake & Irving	9	Main Street	8/25/95	NA	NA	NA	NA	32.0	143	NA	NA	NA	NA
34th & Softel	10	Side Street	7/25/95	NA	NA	NA	NA	11.6	95.6	NA	NA	NA	NA

NA = No analysis.

AI-30

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-13

SAMPLES 11-20 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
										----- mg/Kg -----			
Wolf & Lake	11	Main Street	7/25/95	NA	NA	NA	NA	NA	NA	2.00	55.2	NA	NA
IC train yard	12	Main Street	7/25/95	NA	NA	NA	NA	NA	NA	1.60	12.4	NA	NA
40th & Division	13	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	2.00	20.4	NA	NA
46th & Division	14	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	2.40	60.8	NA	NA
Harold & Division	15	Main Street	7/25/95	NA	NA	NA	NA	NA	NA	2.40	26.4	NA	NA
34th & Thomas	16	Surface Soil	7/25/95	NA	NA	NA	NA	NA	NA	7.20	50.8	NA	NA
Davis Dr. & RR	17	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	0.80	13.2	NA	NA
Taft & RR	18	Side Street	7/25/95	NA	NA	NA	NA	NA	NA	2.40	7.20	NA	NA
24th & VanBuren	19	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	22.0	41.6	NA	NA
King Arthur & Court	20	Side Street	7/13/95	NA	2,100	NA	NA	NA	NA	3.20	69.6	52.8	19,751

AI-31

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-13 (Continued)

SAMPLES 11-20 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Wolf & Lake	11	Main Street	7/25/95	NA	NA	NA	NA	21.2	73.2	NA	NA	NA	NA
IC train yard	12	Main Street	7/25/95	NA	NA	NA	NA	6.40	26.4	NA	NA	NA	NA
40th & Division	13	Side Street	7/25/95	NA	NA	NA	NA	18.0	69.2	NA	NA	NA	NA
46th & Division	14	Side Street	7/25/95	NA	NA	NA	NA	11.2	241	NA	NA	NA	NA
Harold & Division	15	Main Street	7/25/95	NA	NA	NA	NA	10.8	72.0	NA	NA	NA	NA
34th & Thomas	16	Surface Soil	7/25/95	NA	NA	NA	NA	12.4	196	NA	NA	NA	NA
Davis Dr. & RR	17	Side Street	7/25/95	NA	NA	NA	NA	8.00	34.8	NA	NA	NA	NA
Taft & RR	18	Side Street	7/25/95	NA	NA	NA	NA	4.80	7.60	NA	NA	NA	NA
24th & VanBuren	19	Side Street	8/11/95	NA	NA	NA	NA	9.20	130	NA	NA	NA	NA
King Arthur & Court	20	Side Street	7/13/95	NA	NA	239	NA	10.8	122	NA	NA	NA	252

NA = No analysis.

AI-32

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-14

SAMPLES 21-30 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
26th & St. Charles	21	Side Street	8/25/95	NA	NA	NA	NA	NA	NA	3.80	67.6	NA	NA
32nd & St. Charles	22	Alley	8/25/95	NA	NA	NA	NA	NA	NA	15.4	11.2	NA	NA
Rt. 45 & St. Charles	23	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	0.00	42.0	NA	NA
Wolf & Randolph	24	Side Street	8/25/95	NA	NA	NA	NA	NA	NA	0.80	20.4	NA	NA
23rd & Washington	25	Surface Soil	8/22/95	NA	NA	NA	NA	NA	NA	5.20	13.6	NA	NA
32nd & Washington	26	Side Street	8/25/95	NA	NA	NA	NA	NA	NA	0.00	88.8	NA	NA
Rt. 45 & Congress	27	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	1.20	30.8	NA	NA
Hillside Shopping Mall	28	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	1.60	70.8	NA	NA
I290 & C & NW	29	Surface Soil	7/25/95	NA	NA	NA	NA	NA	NA	1.60	7.20	NA	NA
Proviso HS	30	Surface Soil	8/25/95	NA	NA	NA	NA	NA	NA	0.80	17.6	NA	NA

AI-33



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-14 (Continued)

SAMPLES 21-30 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
26th & St. Charles	21	Side Street	8/25/95	NA	NA	NA	NA	13.2	143	NA	NA	NA	NA
32nd & St. Charles	22	Alley	8/25/95	NA	NA	NA	NA	11.2	73.6	NA	NA	NA	NA
Rt. 45 & St. Charles	23	Main Street	8/25/95	NA	NA	NA	NA	6.40	63.6	NA	NA	NA	NA
Wolf & Randolf	24	Side Street	8/25/95	NA	NA	NA	NA	7.60	122	NA	NA	NA	NA
23rd & Washington	25	Surface Soil	8/22/95	NA	NA	NA	NA	12.4	100	NA	NA	NA	NA
32nd & Washington	26	Side Street	8/25/95	NA	NA	NA	NA	24.0	148	NA	NA	NA	NA
Rt. 45 & Congress	27	Main Street	8/25/95	NA	NA	NA	NA	10.4	112	NA	NA	NA	NA
Hillside Shopping Mall	28	Main Street	8/25/95	NA	NA	NA	NA	10.0	222	NA	NA	NA	NA
I290 & C & NW	29	Surface Soil	7/25/95	NA	NA	NA	NA	4.80	14.4	NA	NA	NA	NA
Proviso HS	30	Surface Soil	8/25/95	NA	NA	NA	NA	13.20	29.6	NA	NA	NA	NA

NA = No analysis.

AI-34

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-15

SAMPLES 31-40 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Derby & Roosevelt	31	Main Street	8/11/95	NA	NA	NA	NA	NA	NA	20.8	61.6	NA	NA
Mannheim & Roosevelt	32	Main Street	8/11/95	NA	NA	NA	NA	NA	NA	18.0	30.8	NA	NA
Center & 12th	33	Main Street	8/25/95	NA	NA	NA	NA	NA	NA	1.20	35.2	NA	NA
High Ridge & Roosevelt	34	Main Street	8/11/95	4.55	2,338	3.84	69.3	0.00	47,630	2.53	29.8	53.8	12,058
Portsmouth & Canterbury	35	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	13.6	64.4	NA	NA
Balmoral & Canterbury	36	Side Street	8/11/95	1.52	1,994	3.34	63.9	0.00	46,272	5.24	129	40.1	22,142
Cemetery Sec 16 + 12	37	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	3.60	7.60	NA	NA
Portsmouth & 22nd	38	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	7.60	54.4	NA	NA
Mannheim & Oxford	39	Alley	8/11/95	NA	NA	NA	NA	NA	NA	11.2	14.0	NA	NA
Mandel & Shelly	40	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	3.20	41.2	NA	NA

AI-35

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-15 (Continued)

SAMPLES 31-40 FROM AREA FIVE (LOCATED BETWEEN FULLERTON AVE., 20TH AVE., CERMAK RD., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Derby & Roosevelt	31	Main Street	8/11/95	NA	NA	NA	NA	10.8	45.6	NA	NA	NA	NA
Mannheim & Roosevelt	32	Main Street	8/11/95	NA	NA	NA	NA	14.8	53.2	NA	NA	NA	NA
Center & 12th	33	Main Street	8/25/95	NA	NA	NA	NA	6.80	82.4	NA	NA	NA	NA
High Ridge & Roosevelt	34	Main Street	8/11/95	NA	31,701	198	1.28	9.51	89.1	0.98	0.00	3.04	215
Portsmouth & Canterbury	35	Side Street	8/11/95	NA	NA	NA	NA	8.00	169	NA	NA	NA	NA
Balmoral & Canterbury	36	Side Street	8/11/95	NA	30,217	190	2.60	10.5	311	1.53	0.00	2.74	126
Cemetery Sec 16 + 12	37	Side Street	8/11/95	NA	NA	NA	NA	7.20	12.8	NA	NA	NA	NA
Portsmouth & 22nd	38	Side Street	8/11/95	NA	NA	NA	NA	6.80	146	NA	NA	NA	NA
Mannheim & Oxford	39	Alley	8/11/95	NA	NA	NA	NA	4.44	26.8	NA	NA	NA	NA
Mandel & Shelly	40	Side Street	8/11/95	NA	NA	NA	NA	8.40	109	NA	NA	NA	NA

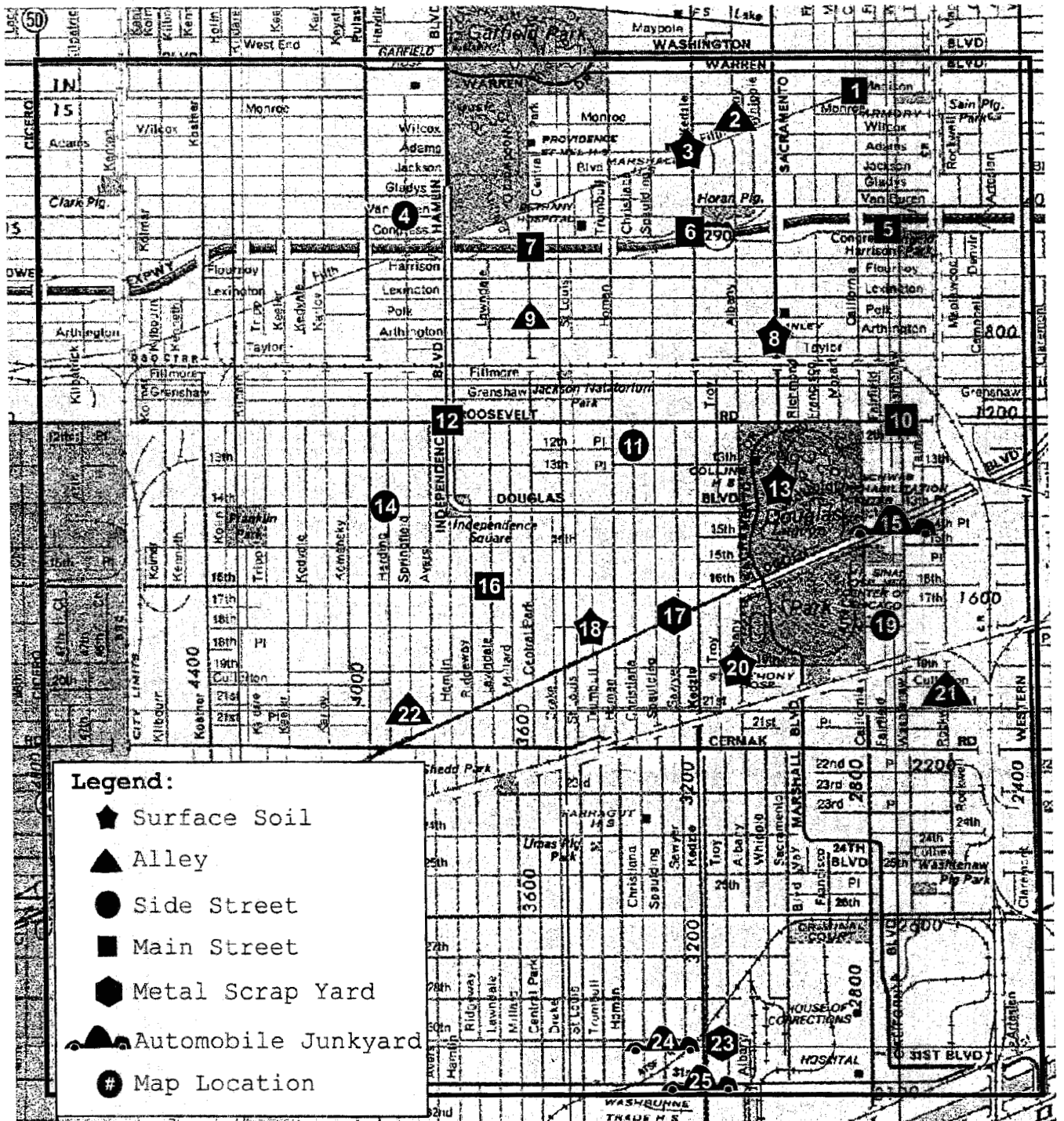
NA = No analysis.

AI-36

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-7

AREA SIX OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-16

SAMPLES 1-10 FROM AREA SIX (LOCATED BETWEEN WASHINGTON BLVD., WESTERN AVE., 31ST ST., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
California & Madison	1	Main Street	8/25/95	NA	1,760	NA	NA	NA	NA	1.20	19.2	31.2	8,669
Albany & Monroe	2	Alley	8/25/95	0.40	3,124	5.06	175	0.01	23,041	3.96	12.9	56.5	12,652
Kedzie & 5th	3	Surface Soil	8/16/95	NA	2,648	NA	NA	NA	NA	2.00	62.4	51.2	26,474
Springfield & VanBuren	4	Side Street	8/16/95	NA	3,480	NA	NA	NA	NA	6.80	32.4	66.8	22,674
Congress & Washtenaw	5	Main Street	8/25/95	9.06	2,583	4.80	92	NA	63,412	2.85	19.7	73.2	13,658
Congress & I290	6	Main Street	8/25/95	NA	2,500	NA	NA	NA	NA	4.40	63.2	202	37,589
Central Pk & I290	7	Main Street	8/16/95	NA	3,024	NA	NA	NA	NA	5.60	74.4	173	54,194
Sacramento & Arthington	8	Surface Soil	8/25/95	NA	1,588	NA	NA	NA	NA	1.20	13.6	395	12,229
Central Pk & Polk	9	Alley	8/16/95	0.84	3,025	4.76	208	0.00	32,609	3.68	21.1	139	22,561
Washtenaw & Roosevelt	10	Main Street	8/16/95	NA	1,912	NA	NA	NA	NA	2.40	31.6	145	19,829

AI-38

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-16 (Continued)

SAMPLES 1-10 FROM AREA SIX (LOCATED BETWEEN WASHINGTON BLVD., WESTERN AVE., 31ST ST., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
California & Madison	1	Main Street	8/25/95	NA	NA	176	NA	9.60	75.6	NA	NA	NA	154
Albany & Monroe	2	Alley	8/25/95	NA	9,588	192	0.70	11.8	950	0.46	0.00	0.73	429
Kedzie & 5th	3	Surface Soil	8/16/95	NA	NA	412	NA	12.8	129	NA	NA	NA	244
Springfield & VanBuren	4	Side Street	8/16/95	NA	NA	277	NA	15.2	260	NA	NA	NA	440
Congress & Washtenaw	5	Main Street	8/25/95	NA	32,076	246	0.64	24.4	261	0.00	4.00	4.00	728
Congress & I290	6	Main Street	8/25/95	NA	NA	672	NA	34.8	239	NA	NA	NA	427
Central Pk & I290	7	Main Street	8/16/95	NA	NA	476	NA	20.8	194	NA	NA	NA	572
Sacramento & Arthington	8	Surface Soil	8/25/95	NA	NA	156	NA	16.4	170	NA	NA	NA	186
Central Pk & Polk	9	Alley	8/16/95	NA	15,830	257	0.83	16.9	521	0.67	0.00	1.47	396
Washtenaw & Roosevelt	10	Main Street	8/16/95	NA	NA	263	NA	15.2	171	NA	NA	NA	364

NA = No analysis.

AI-39

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-17

SAMPLES 11-20 FROM AREA SIX (LOCATED BETWEEN WASHINGTON BLVD., WESTERN AVE., 31ST ST., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Christiana & 12th	11	Side Street	8/18/95	NA	5,440	NA	NA	NA	NA	2.00	1.20	7.20	21,074	
Independence & Roosevelt	12	Main Street	8/16/95	NA	2,416	NA	NA	NA	NA	4.80	58.0	194	38,954	
Douglas Park	13	Surface Soil	8/16/95	NA	3,256	NA	NA	NA	NA	2.00	10.4	18.8	7,669	
Harding & 14th	14	Side Street	8/18/95	0.00	2,313	6.60	145	NA	63,468	2.96	29.9	52.3	32,335	
6115 Ogden Ave.	15	Auto Graveyard	8/30/95	5.29	3,151	4.58	88.2	0.00	47,982	6.74	43.4	94.4	29,371	
Lawndale & 16th	16	Main Street	8/18/95	NA	2,264	NA	NA	NA	NA	2.40	22.4	58.0	18,834	
3243 W. Ogden	17	Scrap Metal Yard	8/30/95	3.68	3,547	17.7	346	0.00	44,626	8.04	28.4	119	26,987	
Trumbull & 18th	18	Surface Soil	8/18/95	6.77	4,498	4.20	154	0.07	33,498	3.33	22.0	101	13,746	
Fairfield & 18th	19	Side Street	8/16/95	5.75	2,625	4.43	132	0.01	38,929	3.10	22.1	65.8	17,479	
Albany & 19th	20	Surface Soil	8/16/95	0.27	1,696	3.54	53.6	0.08	NA	2.38	22.9	56.2	13,453	

AI-40

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-17 (Continued)

SAMPLES 11-20 FROM AREA SIX (LOCATED BETWEEN WASHINGTON BLVD., WESTERN AVE., 31ST ST., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Christiana & 12th	11	Side Street	8/18/95	NA	NA	223	NA	1.20	14.8	NA	NA	NA	82.4
Independence & Roosevelt	12	Main Street	8/16/95	NA	NA	334	NA	30.8	182	NA	NA	NA	584
Douglas Park	13	Surface Soil	8/16/95	NA	NA	480	NA	7.20	50.0	NA	NA	NA	65.2
Harding & 14th	14	Side Street	8/18/95	NA	35,006	262	0.00	15.6	212	1.80	8.00	0.00	958
6115 Ogden Ave.	15	Auto Graveyard	8/30/95	NA	32,246	743	1.05	22.2	331	0.76	0.00	2.37	496
Lawndale & 16th	16	Main Street	8/18/95	NA	NA	238	NA	17.6	158	NA	NA	NA	236
3243 W. Ogden	17	Scrap Metal Yard	8/30/95	NA	24,268	291	3.39	16.8	3,359	1.60	0.00	1.97	524
Trumbull & 18th	18	Surface Soil	8/18/95	NA	18,574	264	1.98	24.4	283	0.91	0.00	1.70	329
Fairfield & 18th	19	Side Street	8/16/95	0.1	22,351	254	1.10	15.8	310	2.43	0.00	2.43	237
Albany & 19th	20	Surface Soil	8/16/95	0	NA	213	0.39	18.6	127	0.44	0.00	2.93	191

NA = No analysis.

AI-41



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-18

SAMPLES 21-25 FROM AREA SIX (LOCATED BETWEEN WASHINGTON BLVD., WESTERN AVE., 31ST ST., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Rockwell & 20th	21	Alley	8/16/95	NA	1,808	NA	NA	NA	NA	1.60	28.0	34.4	10,709	
Springfield & 21st	22	Alley	8/18/95	1.43	3,979	3.89	122	0.00	32,590	5.02	16.4	83.4	14,848	
3000 S. Kedzie	23	Scrap Metal Yard	8/30/95	2.66	2,935	5.71	111	0.01	45,170	7.12	57.5	318	40,784	
3001 S. Kedzie	24	Auto Graveyard	8/30/95	3.10	2,524	3.27	83.0	0.08	39,947	2.84	26.1	159	18,590	
31st & S. Kedzie	25	Auto Graveyard	8/30/95	13.1	2,657	2.65	125	0.10	41,013	12.6	38.2	604	20,620	

AI-42

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-18 (Continued)

SAMPLES 21-25 FROM AREA SIX (LOCATED BETWEEN WASHINGTON BLVD., WESTERN AVE., 31ST ST., AND CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Rockwell & 20th	21	Alley	8/16/95	NA	NA	153	NA	10.8	271	NA	NA	NA	209
Springfield & 21st	22	Alley	8/18/95	NA	12,839	213	1.42	19.8	267	0.95	0.00	1.70	714
3000 S. Kedzie	23	Scrap Metal Yard	8/30/95	NA	30,102	461	4.75	41.6	418	2.21	0.00	1.59	924
3001 S. Kedzie	24	Auto Graveyard	8/30/95	NA	26,906	357	0.82	25.1	546	0.29	0.00	2.49	560
31st & S. Kedzie	25	Auto Graveyard	8/30/95	NA	27,545	406	1.06	44.4	1,650	0.49	0.00	2.61	649

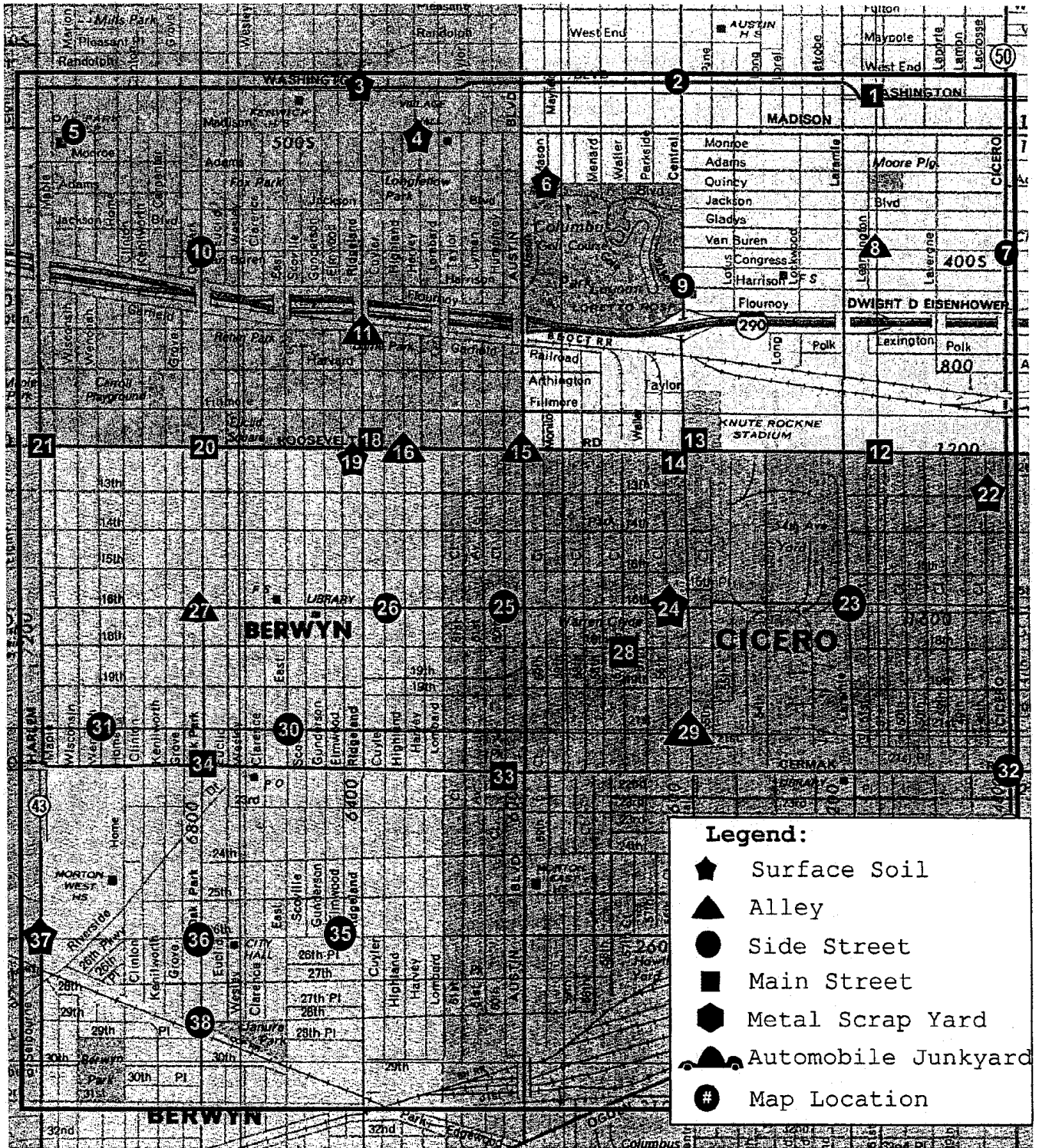
NA = No analysis.

AI-43

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI - 8

AREA SEVEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-19

SAMPLES 1-10 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Leamington & Washington	1	Main Street	8/21/95	NA	1,888	NA	NA	NA	NA	2.40	42.0	75.4	28,230
Central & Washington	2	Side Street	8/21/95	NA	2,696	NA	NA	NA	NA	2.80	44.8	74.8	17,714
Ridgeland & Washington	3	Surface Soil	8/11/95	NA	3,576	NA	NA	NA	NA	3.60	106	52.6	40,310
Harvey & Madison	4	Surface Soil	8/21/95	0.46	9,640	3.11	71.8	1.38	NA	0.95	20.1	18.8	9,326
Wisconsin & Madison	5	Side Street	8/11/95	NA	2,572	NA	NA	NA	NA	2.00	42.0	31.0	13,270
Mason Dr & Columbus GC	6	Surface Soil	8/21/95	NA	1,712	NA	NA	NA	NA	1.20	4.40	11.6	6,194
Cicero & VanBuren	7	Side Street	8/21/95	NA	1,608	NA	NA	NA	NA	1.60	38.4	26.2	21,910
Leamington & VanBuren	8	Alley	8/21/95	0.57	NA	12.4	118	0.26	NA	3.93	25.1	66.1	20,568
Central & Harrison	9	Side Street	8/21/95	0.54	2,447	2.85	94.8	0.07	38,373	3.42	49.1	118	19,061
Oak Park & VanBuren	10	Side Street	8/11/95	NA	4,996	NA	NA	NA	NA	4.40	96.8	107	30,430

AI-45

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-19 (Continued)

SAMPLES 1-10 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Leamington & Washington	1	Main Street	8/21/95	NA	NA	234	NA	21.6	266	NA	NA	NA	259
Central & Washington	2	Side Street	8/21/95	NA	NA	252	NA	16.4	251	NA	NA	NA	476
Ridgeland & Washington	3	Surface Soil	8/11/95	NA	NA	1,156	NA	14.8	119	NA	NA	NA	226
Harvey & Madison	4	Surface Soil	8/21/95	NA	NA	288	NA	8.80	79.2	NA	NA	NA	104
Wisconsin & Madison	5	Side Street	8/11/95	0	NA	297	2.86	21.1	153	0.60	0.00	0.00	583
Mason Dr & Columbus GC	6	Surface Soil	8/21/95	0	NA	872	0.09	7.83	45.7	0.18	0.00	3.18	83.59
Cicero & VanBuren	7	Side Street	8/21/95	NA	NA	167	NA	6.80	16.4	NA	NA	NA	38.40
Leamington & VanBuren	8	Alley	8/21/95	NA	NA	584	NA	10.0	83.6	NA	NA	NA	211
Central & Harrison	9	Side Street	8/21/95	NA	23,528	307	1.11	31.7	281	0.73	0.00	2.20	488
Oak Park & VanBuren	10	Side Street	8/11/95	NA	NA	476	NA	25.6	159	NA	NA	NA	326

NA = No analysis.

AI-46

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-20

SAMPLES 11-20 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Ridgeland & Garfield	11	Alley	8/11/95	NA	2,084	NA	NA	NA	NA	2.40	24.4	45.8	11,590
Leamington & Roosevelt	12	Main Street	8/21/95	NA	1,520	NA	NA	NA	NA	3.20	54.4	185	29,670
Central & 12th	13	Main Street	8/21/95	NA	2,544	NA	NA	NA	NA	6.80	74.0	468	46,794
Central & 12th	14	Main Street	8/22/95	0.40	NA	4.81	220	0.00	NA	4.12	65.3	251	41,245
Austin & 12th	15	Alley	8/22/95	NA	NA	NA	NA	NA	NA	1.80	29.6	NA	NA
Highland & 12th	16	Alley	8/21/95	NA	5,520	NA	NA	NA	NA	2.80	22.8	52.4	13,194
Ridgeland & 12th	17	Main Street	8/22/95	NA	NA	NA	NA	NA	NA	3.00	88.8	NA	NA
Ridgeland & 12th	18	Surface Soil	8/11/95	NA	NA	NA	NA	NA	NA	4.40	8.00	NA	NA
Oak Park & 12th	19	Main Street	8/11/95	0.61	2,130	4.03	69.8	0.00	42,838	4.89	82.3	254	37,399
Harlem & 12th	20	Main Street	8/22/95	NA	NA	NA	NA	NA	NA	5.40	68.4	NA	NA

AI-47

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-20 (Continued)

SAMPLES 11-20 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Ridgeland & Garfield	11	Alley	8/11/95	NA	NA	258	NA	8.00	73.6	NA	NA	NA	167
Leamington & Roosevelt	12	Main Street	8/21/95	NA	NA	420	NA	24.0	108	NA	NA	NA	254
Central & 12th	13	Main Street	8/21/95	NA	NA	424	NA	32.0	114	NA	NA	NA	294
Central & 12th	14	Main Street	8/22/95	0	NA	393	3.56	25.1	166	1.17	0.00	2.32	435
Austin & 12th	15	Alley	8/22/95	NA	NA	NA	NA	12.0	121	NA	NA	NA	NA
Highland & 12th	16	Alley	8/21/95	NA	NA	259	NA	18.8	220	NA	NA	NA	276
Ridgeland & 12th	17	Main Street	8/22/95	NA	NA	NA	NA	28.8	150	NA	NA	NA	NA
Ridgeland & 12th	18	Surface Soil	8/11/95	NA	NA	NA	NA	4.40	11.6	NA	NA	NA	NA
Oak Park & 12th	19	Main Street	8/11/95	NA	25,994	270	0.80	21.7	463	1.05	0.00	2.43	361
Harlem & 12th	20	Main Street	8/22/95	NA	NA	NA	NA	23.2	81.2	NA	NA	NA	NA

NA = No analysis.

AI-48

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-21

SAMPLES 21-30 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
----- mg/Kg -----													
48th Ct & 13th	21	Surface Soil	8/22/95	NA	NA	NA	NA	NA	NA	3.20	5.60	NA	NA
Laramie & 16th	22	Side Street	8/22/95	22.7	5,218	3.56	97.7	0.01	33,176	8.22	29.5	503	16,685
56th Ct & 16th	23	Surface Soil	8/22/95	0.36	NA	3.78	90.3	0.00	NA	4.22	32.1	97.5	14,656
Humphrey & 16th	24	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	3.40	58.4	NA	NA
Cuyler & 16th	25	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	4.60	107	NA	NA
Oak Park & 16th	26	Alley	8/22/95	1.83	3,901	2.59	115	0.12	26,864	4.25	36.3	66.0	17,445
Central & 21st	27	Alley	8/22/95	NA	NA	NA	NA	NA	NA	2.80	40.0	NA	NA
Clyde Pk & 57th St	28	Main Street	6/16/95	NA	NA	NA	NA	NA	NA	0.00	6.00	NA	NA
East & 21st	29	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	2.60	30.8	NA	NA
Wenona & 21st	30	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	5.80	57.2	NA	NA

AI-49



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-21 (Continued)

SAMPLES 21-30 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
48th Ct & 13th	21	Surface Soil	8/22/95	NA	NA	NA	NA	5.60	111	NA	NA	NA	NA
Laramie & 16th	22	Side Street	8/22/95	0.06	18,359	424	2.61	24.8	327	0.79	0.00	1.48	779
56th Ct & 16th	23	Surface Soil	8/22/95	0.61	NA	247	0.51	9.62	82.9	0.86	0.00	4.17	165
Humphrey & 16th	24	Side Street	8/22/95	NA	NA	NA	NA	25.2	169	NA	NA	NA	NA
Cuyler & 16th	25	Side Street	8/22/95	NA	NA	NA	NA	24.4	184	NA	NA	NA	NA
Oak Park & 16th	26	Alley	8/22/95	NA	13,094	240	0.85	19.5	350	0.92	0.00	0.85	512
Central & 21st	27	Alley	8/22/95	NA	NA	NA	NA	21.6	210	NA	NA	NA	NA
Clyde Pk & 57th St	28	Main Street	6/16/95	NA	NA	NA	NA	8.80	36.0	NA	NA	NA	NA
East & 21st	29	Side Street	8/22/95	NA	NA	NA	NA	12.8	225	NA	NA	NA	NA
Wenona & 21st	30	Side Street	8/22/95	NA	NA	NA	NA	15.6	228	NA	NA	NA	NA

NA = No analysis.

AI-50

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-22

SAMPLES 31-38 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
										----- mg/Kg -----			
Wenona & 21st	31	Main Street	8/11/95	NA	NA	NA	NA	NA	NA	2.40	47.6	NA	NA
Cicero & Cermack	32	Side Street	8/22/95	NA	NA	NA	NA	NA	NA	8.40	9.60	NA	NA
60th Ct & Cermak	33	Main Street	8/22/95	2.54	2,457	3.32	95.8	0.00	40,250	4.31	95.4	105	25,526
Oak Park & 22nd	34	Main Street	8/14/95	NA	2,448	NA	NA	NA	NA	7.20	92.0	119	42,870
Elmwood & 26th	34	Side Street	8/14/95	NA	2,000	NA	NA	NA	NA	5.20	126	114	34,630
Oak Park & 26th	35	Side Street	8/14/95	NA	1,940	NA	NA	NA	NA	9.60	117	123	68,270
Harlem & 26th	36	Surface Soil	8/14/95	0.51	7,476	4.61	124	0.00	NA	6.32	87.8	272	53,400
Oak Park & 29th	37	Side Street	8/14/95	0.76	2,291	4.33	50.2	0.00	36,589	3.32	121	116	22,811

AI-51

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-22 (Continued)

SAMPLES 31-38 FROM AREA SEVEN (LOCATED BETWEEN WASHINGTON BLVD., CICERO AVE., 31ST ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

AI-52

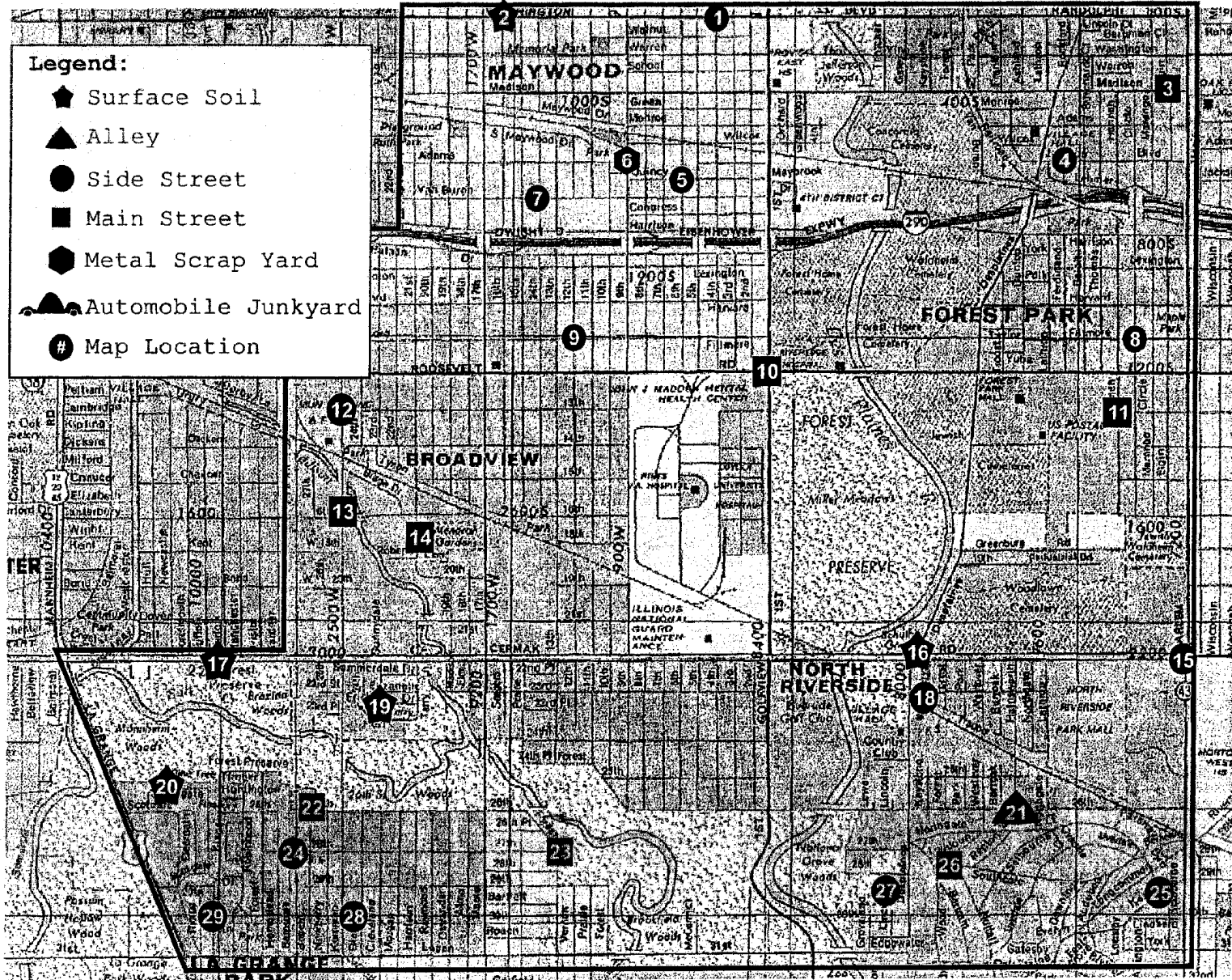
Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Wenona & 21st	31	Main Street	8/11/95	NA	NA	NA	NA	17.2	102	NA	NA	NA	NA
Cicero & Cermack	32	Side Street	8/22/95	NA	NA	NA	NA	24.4	226	NA	NA	NA	NA
60th Ct & Cermak	33	Main Street	8/22/95	NA	22,844	262	1.34	17.7	326	1.47	0.00	2.19	300
Oak Park & 22nd	34	Main Street	8/14/95	NA	NA	350	NA	22.8	178	NA	NA	NA	538
Elmwood & 26th	34	Side Street	8/14/95	NA	NA	340	NA	22.4	222	NA	NA	NA	397
Oak Park & 26th	35	Side Street	8/14/95	NA	NA	440	NA	30.8	125	NA	NA	NA	387
Harlem & 26th	36	Surface Soil	8/14/95	0.28	NA	734	1.43	24.8	175	1.10	0.00	2.52	408
Oak Park & 29th	37	Side Street	8/14/95	NA	22,145	226	0.50	14.7	386	1.13	0.00	1.50	268

NA = No analysis.

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-9

AREA EIGHT OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



AI-53

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-23

SAMPLES 1-10 FROM AREA EIGHT (LOCATED BETWEEN WASHINGTON BLVD., HARLEM AVE., 31ST ST., AND LAGRANGE ROAD) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
4th & Washington	1	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	4.80	66.4	NA	NA	
16th & Washington	2	Surface Soil	8/11/95	4.43	2,123	4.27	53.5	0.11	46,604	5.16	124	74.3	30,535	
Elgin & Madison	3	Main Street	8/11/95	1.36	3,823	4.38	84.6	0.00	44,383	3.42	68.9	80.7	19,675	
Ferdinand & Jackson	4	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	12.8	12.0	NA	NA	
6th & Quincy	5	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	14.0	31.6	NA	NA	
1201 S. 9th Ave.	6	Metal Scrap Yard	8/30/95	22.3	2,636	4.27	45.2	0.00	42,605	9.43	39.6	169	20,545	
14th & VanBuren	7	Side Street	8/11/95	2.57	2,093	3.11	35.5	0.13	39,384	2.79	26.4	36.7	16,029	
Circle & Fillmore	8	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	3.60	17.2	NA	NA	
12th & Fillmore	9	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	8.00	27.2	NA	NA	
1st & Roosevelt	10	Main Street	8/11/95	NA	NA	NA	NA	NA	NA	26.4	52.4	NA	NA	

AI-54

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-23 (Continued)

SAMPLES 1-10 FROM AREA EIGHT (LOCATED BETWEEN WASHINGTON BLVD., HARLEM AVE., 31ST ST., AND LAGRANGE ROAD) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
4th & Washington	1	Side Street	8/11/95	NA	NA	NA	NA	16.00	248	NA	NA	NA	NA
16th & Washington	2	Surface Soil	8/11/95	NA	30,359	294	0.69	15.9	493	1.22	0.00	3.33	229
Elgin & Madison	3	Main Street	8/11/95	NA	24,366	277	1.35	15.3	224	1.19	0.00	2.68	314
Ferdinand & Jackson	4	Side Street	8/11/95	NA	NA	NA	NA	3.60	37.2	NA	NA	NA	NA
6th & Quincy	5	Side Street	8/11/95	NA	NA	NA	NA	9.20	205	NA	NA	NA	NA
1201 S. 9th Ave.	6	Metal Scrap Yard	8/30/95	NA	28,651	368	1.21	15.4	167	0.59	0.00	1.72	181
14th & VanBuren	7	Side Street	8/11/95	NA	24,468	177	0.57	10.1	74.7	0.39	0.00	2.59	146
Circle & Fillmore	8	Side Street	8/11/95	NA	NA	NA	NA	4.80	94.4	NA	NA	NA	NA
12th & Fillmore	9	Side Street	8/11/95	NA	NA	NA	NA	11.2	69.6	NA	NA	NA	NA
1st & Roosevelt	10	Main Street	8/11/95	NA	NA	NA	NA	18.8	57.2	NA	NA	NA	NA

NA = No analysis.

AI-55

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-24

SAMPLES 11-20 FROM AREA EIGHT (LOCATED BETWEEN WASHINGTON BLVD., HARLEM AVE., 31ST ST., AND LAGRANGE ROAD) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Hannah & 13th	11	Main Street	8/11/95	NA	NA	NA	NA	NA	NA	4.40	28.0	NA	NA	
25th & 13th Ave	12	Side Street	8/11/95	NA	NA	NA	NA	NA	NA	2.80	38.0	NA	NA	
25th Ave & 16th St	13	Main Street	8/11/95	NA	NA	NA	NA	NA	NA	1.20	25.6	NA	NA	
18th Ave & 21st	14	Main Street	8/11/95	1.55	2,341	3.90	54.3	0.00	44,409	3.03	61.0	44.8	12,101	
Harlem & 22nd	15	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	0.60	33.6	NA	NA	
DesPlaines & 22nd	16	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	23.0	102	NA	NA	
Norfolk & 22nd	17	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	0.00	31.6	NA	NA	
Keystone & 23rd	18	Side Street	8/24/95	0.93	3,460	4.80	68.3	0.03	38,527	1.88	167	32.4	13,953	
Sunnydale & Ericka	19	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	8.60	4.80	NA	NA	
Deerpath & Mannheim Woods	20	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	0.00	8.00	NA	NA	

AI-56

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-24 (Continued)

SAMPLES 11-20 FROM AREA EIGHT (LOCATED BETWEEN WASHINGTON BLVD., HARLEM AVE., 31ST ST., AND LAGRANGE ROAD) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Hannah & 13th	11	Main Street	8/11/95	NA	NA	NA	NA	7.20	88.0	NA	NA	NA	NA
25th & 13th Ave	12	Side Street	8/11/95	NA	NA	NA	NA	10.4	68.8	NA	NA	NA	NA
25th Ave & 16th St	13	Main Street	8/11/95	NA	NA	NA	NA	6.80	58.4	NA	NA	NA	NA
18th Ave & 21st	14	Main Street	8/11/95	NA	28,946	201	1.75	8.79	251	1.04	0.00	3.15	170
Harlem & 22nd	15	Side Street	8/24/95	NA	NA	NA	NA	9.60	40.8	NA	NA	NA	NA
DesPlaines & 22nd	16	Surface Soil	8/24/95	NA	NA	NA	NA	20.0	72.4	NA	NA	NA	NA
Norfolk & 22nd	17	Surface Soil	8/24/95	NA	NA	NA	NA	9.60	78.0	NA	NA	NA	NA
Keystone & 23rd	18	Side Street	8/24/95	NA	24,152	190	0.58	9.36	524	1.50	0.00	1.89	109
Sunnydale & Ericka	19	Surface Soil	8/24/95	NA	NA	NA	NA	4.80	0.00	NA	NA	NA	NA
Deerpath & Mannheim Woods	20	Surface Soil	8/24/95	NA	NA	NA	NA	6.40	56.4	NA	NA	NA	NA

NA = No analysis.

AI-57



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-25

SAMPLES 21-29 FROM AREA EIGHT (LOCATED BETWEEN WASHINGTON BLVD., HARLEM AVE., 31ST ST., AND LAGRANGE ROAD) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Hainesworth & 26th	21	Alley	8/24/95	NA	NA	NA	NA	NA	NA	13.0	18.4	NA	NA
Beach & 26th	22	Main Street	8/24/95	NA	NA	NA	NA	NA	NA	2.60	20.8	NA	NA
Forest View & 27th	23	Main Street	8/24/95	NA	NA	NA	NA	NA	NA	11.0	8.00	NA	NA
Finsbury & 26th	24	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	3.80	19.6	NA	NA
Selborne & Kent	25	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	9.80	36.4	NA	NA
Nuttall & Bartram	26	Main Street	8/24/95	NA	NA	NA	NA	NA	NA	3.80	20.0	NA	NA
Lincoln & 29th Ct	27	Side Street	8/24/95	0.58	1,572	2.99	36.3	0.00	34,100	5.11	127	31.6	15,559
Blanchan & 30th	28	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	5.80	30.8	NA	NA
Community Dr & 30th	29	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	1.40	40.4	NA	NA

AI-58

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-25 (Continued)

SAMPLES 21-29 FROM AREA EIGHT (LOCATED BETWEEN WASHINGTON BLVD., HARLEM AVE., 31ST ST., AND LAGRANGE ROAD) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Hainesworth & 26th	21	Alley	8/24/95	NA	NA	NA	NA	13.2	82.4	NA	NA	NA	NA
Beach & 26th	22	Main Street	8/24/95	NA	NA	NA	NA	6.40	52.8	NA	NA	NA	NA
Forest View & 27th	23	Main Street	8/24/95	NA	NA	NA	NA	4.80	30.0	NA	NA	NA	NA
Finsbury & 26th	24	Side Street	8/24/95	NA	NA	NA	NA	12.4	65.6	NA	NA	NA	NA
Selborne & Kent	25	Side Street	8/24/95	NA	NA	NA	NA	10.8	98.8	NA	NA	NA	NA
Nuttall & Bartram	26	Main Street	8/24/95	NA	NA	NA	NA	5.20	54.0	NA	NA	NA	NA
Lincoln & 29th Ct	27	Side Street	8/24/95	NA	20,787	157	0.76	9.71	417	1.61	0.00	1.49	135
Blanchan & 30th	28	Side Street	8/24/95	NA	NA	NA	NA	8.80	44.8	NA	NA	NA	NA
Community Dr & 30th	29	Side Street	8/24/95	NA	NA	NA	NA	10.8	105	NA	NA	NA	NA

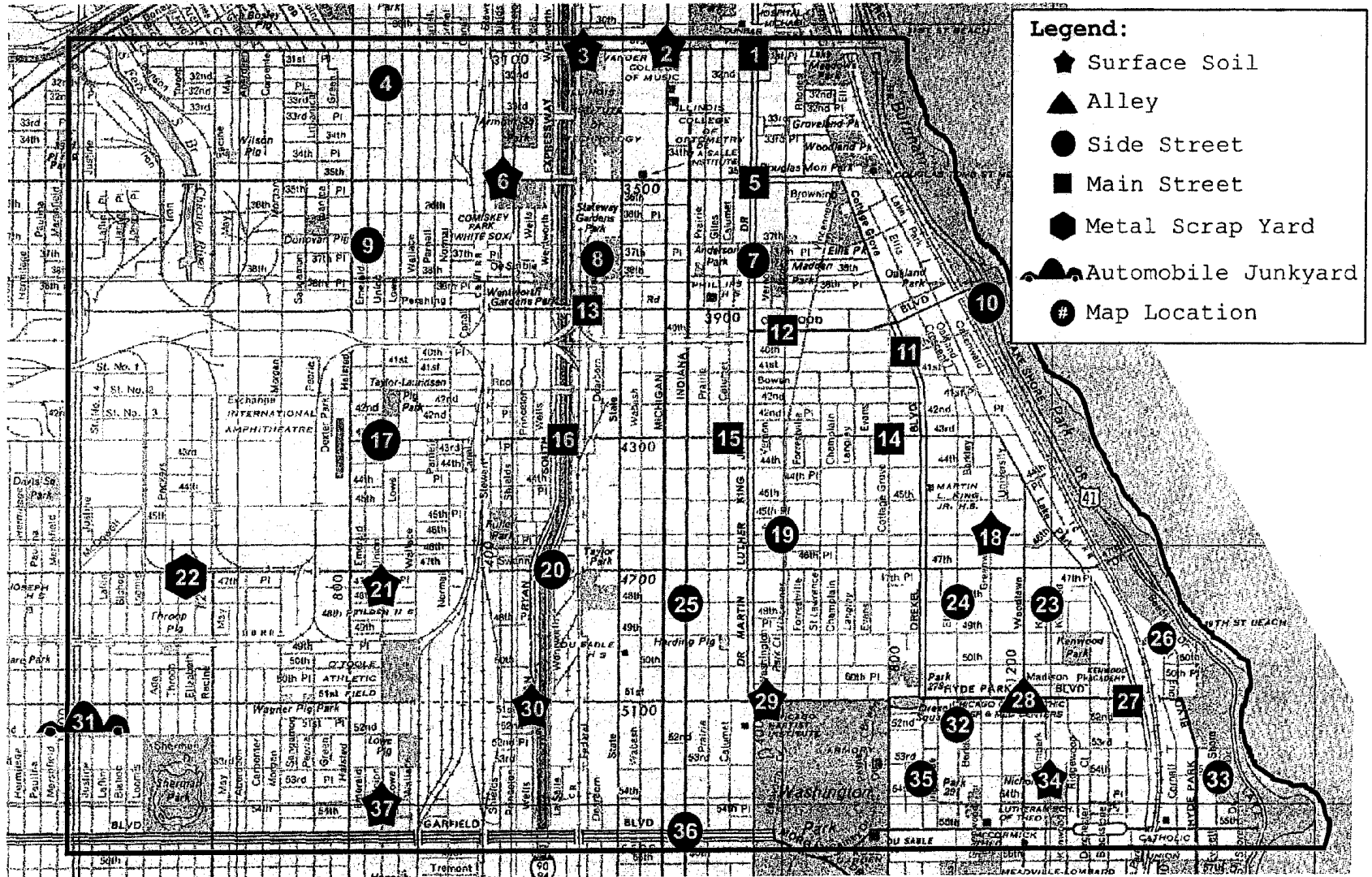
NA = No analysis.

AI-59

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-10

AREA NINE OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



AI-60

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-26

SAMPLES 1-10 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
King Dr & 31st	1	Main Street	7/27/95	3.12	1,810	3.06	40.8	0.00	41,046	3.01	59.4	69.9	24,185	
Michigan & 31st	2	Surface Soil	7/27/95	NA	NA	NA	NA	NA	NA	2.00	38.0	NA	NA	
Dearborn & 31st	3	Surface Soil	7/27/95	NA	NA	NA	NA	NA	NA	0.00	66.4	NA	NA	
Union & 32nd	4	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	4.80	25.2	NA	NA	
King Dr & 35th	5	Main Street	7/27/95	0.45	NA	3.99	74.0	0.00	NA	3.79	67.8	101	34,894	
Shields & 35th	6	Surface Soil	7/27/95	NA	NA	NA	NA	NA	NA	0.00	84.8	NA	NA	
King Dr & 37th	7	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	2.80	39.6	NA	NA	
Federal & 37th	8	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	0.00	33.6	NA	NA	
Emerald & 37th	9	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	6.80	64.4	NA	NA	
Lake Shore Dr & 39th	10	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	6.80	59.2	NA	NA	

AI-61

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-26 (Continued)

SAMPLES 1-10 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
King Dr & 31st	1	Main Street	7/27/95	NA	24,414	416	0.91	13.6	73.2	0.94	0.00	1.91	221
Michigan & 31st	2	Surface Soil	7/27/95	NA	NA	NA	NA	12.0	146	NA	NA	NA	NA
Dearborn & 31st	3	Surface Soil	7/27/95	NA	NA	NA	NA	14.4	146	NA	NA	NA	NA
Union & 32nd	4	Side Street	7/27/95	NA	NA	NA	NA	9.60	112	NA	NA	NA	NA
King Dr & 35th	5	Main Street	7/27/95	0.93	NA	351	1.82	19.5	146	1.26	0.00	1.76	298
Shields & 35th	6	Surface Soil	7/27/95	NA	NA	NA	NA	26.0	244	NA	NA	NA	NA
King Dr & 37th	7	Side Street	7/27/95	NA	NA	NA	NA	14.8	151	NA	NA	NA	NA
Federal & 37th	8	Side Street	7/27/95	NA	NA	NA	NA	14.4	141	NA	NA	NA	NA
Emerald & 37th	9	Side Street	7/27/95	NA	NA	NA	NA	17.6	204	NA	NA	NA	NA
Lake Shore Dr & 39th	10	Side Street	7/27/95	NA	NA	NA	NA	18.0	160	NA	NA	NA	NA

NA = No analysis.

AI-62

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-27

SAMPLES 11-20 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Drexel & 40th	11	Main Street	7/27/95	NA	NA	NA	NA	NA	NA	12.8	8.80	NA	NA	
Vincennes & Oakwood	12	Main Street	7/27/95	NA	NA	NA	NA	NA	NA	8.40	2.40	NA	NA	
Federal & Pershing	13	Main Street	7/27/95	2.28	3,147	4.26	118	0.00	37,674	3.93	44.8	182	26,491	
Cottage Grove & 43rd	14	Main Street	7/27/95	NA	NA	NA	NA	NA	NA	0.80	36.4	NA	NA	
Calumet & 43rd	15	Main Street	7/27/95	2.03	2,427	5.75	116	0.00	28,974	4.48	18.8	103	19,835	
I94 & 43rd	16	Main Street	7/27/95	NA	NA	NA	NA	NA	NA	6.80	94.0	NA	NA	
Union & 43rd	17	Side Street	7/27/95	0.36	NA	4.70	87.5	0.00	NA	5.30	50.7	106	32,562	
Greenwood & 46th	18	Surface Soil	7/27/95	NA	NA	NA	NA	NA	NA	0.00	22.0	NA	NA	
Vincennes & 46th	19	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	10.4	29.2	NA	NA	
Wentworth & 47th	20	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	7.60	69.2	NA	NA	

AI-63

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-27 (Continued)

SAMPLES 11-20 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Drexel & 40th	11	Main Street	7/27/95	NA	NA	NA	NA	5.20	73.6	NA	NA	NA	NA
Vincennes & Oakwood	12	Main Street	7/27/95	NA	NA	NA	NA	3.20	31.2	NA	NA	NA	NA
Federal & Pershing	13	Main Street	7/27/95	NA	20,016	393	5.12	16.6	632	0.98	0.00	1.56	403
Cottage Grove & 43rd	14	Main Street	7/27/95	NA	NA	NA	NA	14.8	147	NA	NA	NA	NA
Calumet & 43rd	15	Main Street	7/27/95	NA	12,164	193	0.86	11.9	362	0.95	0.00	0.91	403
I94 & 43rd	16	Main Street	7/27/95	NA	NA	NA	NA	22.0	141	NA	NA	NA	NA
Union & 43rd	17	Side Street	7/27/95	0.14	NA	356	3.02	20.2	228	1.04	0.00	2.25	315
Greenwood & 46th	18	Surface Soil	7/27/95	NA	NA	NA	NA	8.80	62.4	NA	NA	NA	NA
Vincennes & 46th	19	Side Street	7/27/95	NA	NA	NA	NA	17.6	228	NA	NA	NA	NA
Wentworth & 47th	20	Side Street	7/27/95	NA	NA	NA	NA	25.2	241	NA	NA	NA	NA

NA = No analysis.

AI-64

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-28

SAMPLES 21-30 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Union & 47th Pl	21	Surface Soil	7/27/95	NA	NA	NA	NA	NA	NA	2.40	23.6	NA	NA
7735 47th St.	22	Metal Scrap Yard	8/30/95	0.71	2,270	4.82	50.9	0.00	52,451	4.36	12.1	59.2	15,196
Kimbark & 48th	23	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	0.00	30.4	NA	NA
Ellis & 48th	24	Side Street	7/27/95	0.57	NA	5.65	106	0.06	NA	7.78	38.6	79.7	14,843
Indiana & 48th	25	Side Street	7/27/95	NA	NA	NA	NA	NA	NA	2.80	36.8	NA	NA
East End & 49th	26	Side Street	7/27/95	0.28	NA	4.66	61.3	0.00	NA	1.16	34.5	35.0	14,103
Hyde Park & Harper	27	Main Street	7/27/95	NA	NA	NA	NA	NA	NA	11.6	31.6	NA	NA
Hyde Park & Woodlawn	28	Alley	7/27/95	5.96	3,241	5.82	118	0.00	38,133	3.55	36.5	54.4	17,463
Hyde Park & Washington	29	Surface Soil	7/27/95	0.29	NA	5.01	61.1	0.00	NA	2.25	37.2	69.5	21,559
Wells & 51st	30	Surface Soil	7/27/95	NA	NA	NA	NA	NA	NA	3.20	44.0	NA	NA

AI-65



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-28 (Continued)

SAMPLES 21-30 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Union & 47th Pl	21	Surface Soil	7/27/95	NA	NA	NA	NA	12.4	127	NA	NA	NA	NA
7735 47th St.	22	Metal Scrap Yard	8/30/95	NA	41,460	264	0.69	14.0	215	2.20	0.00	4.95	201
Kimbark & 48th	23	Side Street	7/27/95	NA	NA	NA	NA	6.40	186	NA	NA	NA	NA
Ellis & 48th	24	Side Street	7/27/95	0.34	NA	311	1.82	14.6	288	0.91	0.00	1.33	386
Indiana & 48th	25	Side Street	7/27/95	NA	NA	NA	NA	12.4	135	NA	NA	NA	NA
East End & 49th	26	Side Street	7/27/95	0.07	NA	323	0.67	8.02	112	0.75	0.00	3.09	157
Hyde Park & Harper	27	Main Street	7/27/95	NA	NA	NA	NA	28.0	79.6	NA	NA	NA	NA
Hyde Park & Woodlawn	28	Alley	7/27/95	NA	20,121	370	1.20	11.6	532	0.89	0.00	2.14	339
Hyde Park & Washington	29	Surface Soil	7/27/95	0.13	NA	291	1.74	13.1	167	0.48	0.00	1.12	348
Wells & 51st	30	Surface Soil	7/27/95	NA	NA	NA	NA	15.2	155	NA	NA	NA	NA

NA = No analysis.

AI-66

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-29

SAMPLES 21-37 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
----- mg/Kg -----													
5143 S. Ashland	31	Auto Grave Yard	8/30/95	6.83	2,094	4.81	58.7	1.11	38,674	10.6	26.9	51.1	16,188
Ellis & 52nd	32	Side Street	7/27/95	NA	NA	NA	NA	NA	1.20	52.8	NA	NA	
Shore & 54th Place	33	Side Street	7/27/95	0.52	NA	3.89	75.2	0.00	NA	2.60	42.2	40.3	18,090
Kimbark & 54th	34	Surface Soil	7/27/95	0.31	NA	3.85	75.3	0.00	NA	2.78	50.3	61.4	17,473
Drexel & 54th	35	Side Street	7/27/95	NA	NA	NA	NA	NA	12.0	42.0	NA	NA	
Indiana & Garfield	36	Side Street	7/27/95	34.8	751	1.58	25.2	0.00	18,809	6.63	23.0	40.4	11,400
Union & 54th Plaza	37	Surface Soil	7/27/95	0.36	41.0	5.83	102	0.00	39,050	3.68	49.4	103	27,406

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-29 (Continued)

SAMPLES 21-37 FROM AREA NINE (LOCATED BETWEEN 31ST ST., THE LAKE, 55TH ST., AND ASHLAND AVE.)  
COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn	
----- mg/Kg -----													
5143 S. Ashland	31	Auto Grave Yard	8/30/95	NA	22,337	230	2.89	39.7	216	0.72	0.00	3.33	225
Ellis & 52nd	32	Side Street	7/27/95	NA	NA	NA	NA	14.0	122	NA	NA	NA	NA
Shore & 54th Place	33	Side Street	7/27/95	0.09	NA	219	0.60	9.51	67.3	0.90	0.00	2.07	200
Kimbark & 54th	34	Surface Soil	7/27/95	0.07	NA	273	2.97	15.3	199	1.24	0.00	2.65	178
Drexel & 54th	35	Side Street	7/27/95	NA	NA	NA	NA	8.80	108	NA	NA	NA	NA
Indiana & Garfield	36	Side Street	7/27/95	NA	9,690	121	0.20	8.62	366	1.29	0.00	0.60	144
Union & 54th Plaza	37	Surface Soil	7/27/95	0.15	24,598	383	1.82	17.4	361	1.12	0.00	2.59	360

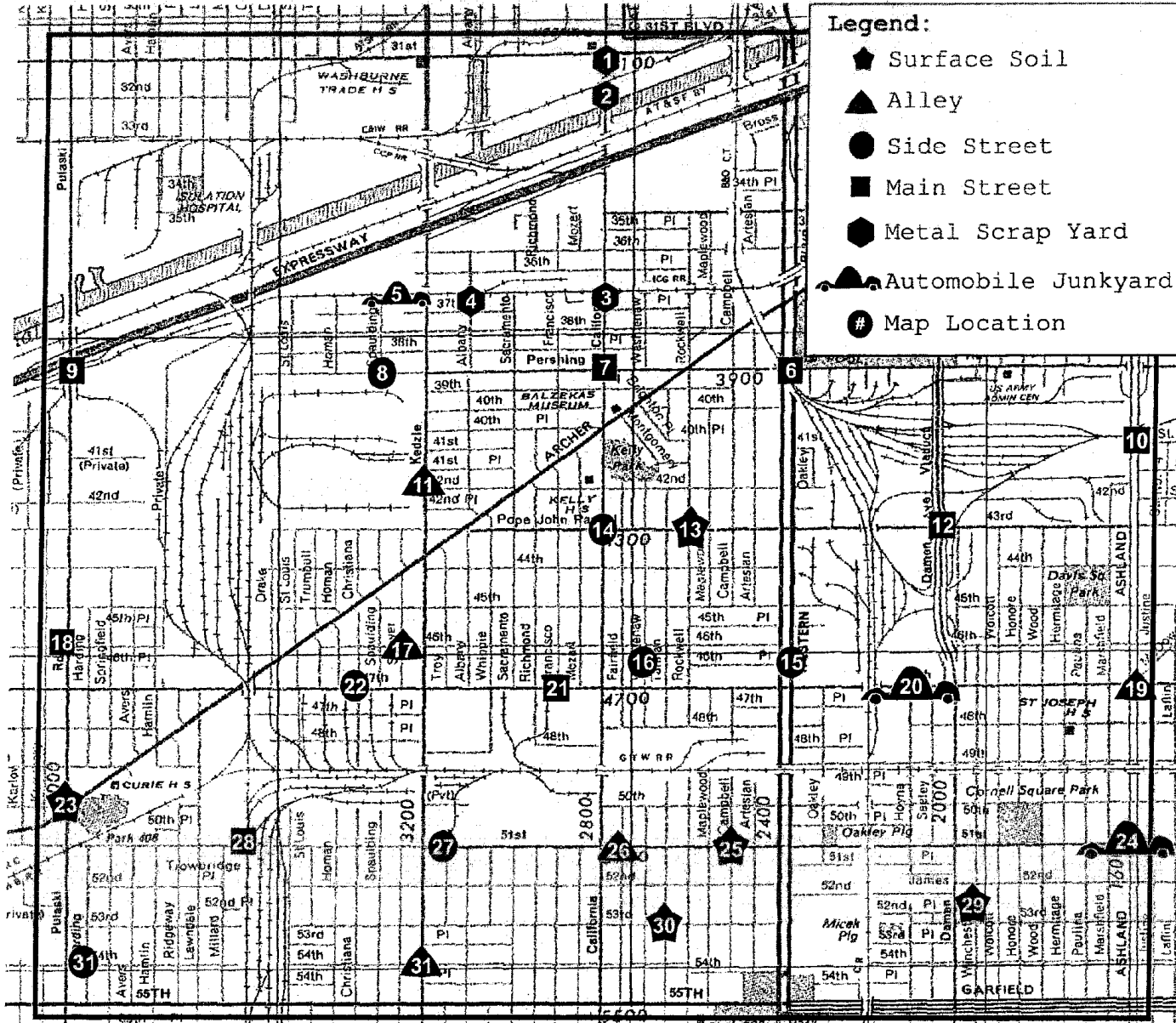
NA = No analysis.

AI-68

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-11

AREA TEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-30

SAMPLES 1-10 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
3123 S. California	1	Metal Scrap Yard	8/30/95	1.57	2,298	3.18	208	0.11	36,842	4.81	43.0	168	19,961
3151 S. California	2	Metal Scrap Yard	8/30/95	1.37	1,949	2.51	73.0	2.95	39,202	9.31	55.7	608	24,207
3711 S. California	3	Metal Scrap Yard	8/30/95	3.31	2,705	4.92	85.6	0.00	44,993	4.35	41.7	157	24,860
3717 S. Albany	4	Metal Scrap Yard	8/30/95	5.96	601	1.89	21.0	0.03	39,896	3.15	6.86	17.4	4,513
3711 S. Kedzie	5	Auto Grave Yard	8/30/95	1.58	1,797	4.11	78.9	0.11	52,251	4.19	20.8	88.9	17,455
Western & 39th	6	Main Street	8/23/95	6.21	1,933	4.23	76.8	0.00	46,161	3.58	36.3	77.1	24,500
California & 39th	7	Main Street	8/23/95	NA	NA	NA	NA	NA	NA	0.00	54.4	NA	NA
Spaulding & 39th	8	Side Street	8/28/95	NA	NA	NA	NA	NA	NA	9.40	23.2	NA	NA
Pulaski & 39th	9	Main Street	8/28/95	NA	NA	NA	NA	NA	NA	12.6	10.4	NA	NA
Ashland & 41st	10	Main Street	8/23/95	NA	NA	NA	NA	NA	NA	0.00	30.0	NA	NA

AI-70

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-30 (Continued)

SAMPLES 1-10 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
3123 S. California	1	Metal Scrap Yard	8/30/95	NA	21,506	472	1.49	36.2	192	0.28	0.00	1.98	1,645
3151 S. California	2	Metal Scrap Yard	8/30/95	NA	24,879	498	2.07	24.5	197	0.66	0.00	7.51	466
3711 S. California	3	Metal Scrap Yard	8/30/95	NA	30,316	287	2.07	18.8	186	0.94	0.00	1.62	914
3717 S. Albany	4	Metal Scrap Yard	8/30/95	NA	29,419	169	0.47	5.97	30.21	0.19	0.00	3.03	102
3711 S. Kedzie	5	Auto Grave Yard	8/30/95	NA	38,425	244	1.62	25.1	172	0.91	0.00	2.94	435
Western & 39th	6	Main Street	8/23/95	0.06	28,082	321	1.79	11.8	135	0.83	0.00	3.46	202
California & 39th	7	Main Street	8/23/95	NA	NA	NA	NA	18.4	147	NA	NA	NA	NA
Spaulding & 39th	8	Side Street	8/28/95	NA	NA	NA	NA	11.6	75.2	NA	NA	NA	NA
Pulaski & 39th	9	Main Street	8/28/95	NA	NA	NA	NA	6.80	42.0	NA	NA	NA	NA
Ashland & 41st	10	Main Street	8/23/95	NA	NA	NA	NA	11.6	102	NA	NA	NA	NA

NA = No analysis.

AI-71

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-31

SAMPLES 11-20 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	mg/Kg					Cu	Fe
									Ca	Cd	Cr				
Kedzie & 42nd	11	Alley	8/23/95	NA	NA	NA	NA	NA	NA	0.00	20.0	NA	NA		
Damen & 43rd	12	Main Street	8/23/95	NA	NA	NA	NA	NA	NA	9.40	29.6	NA	NA		
Rockwell & 43rd	13	Surface Soil	8/23/95	NA	NA	NA	NA	NA	NA	0.00	24.4	NA	NA		
California & 43rd	14	Side Street	8/23/95	14.6	3,208	4.26	97.4	0.00	41,831	5.24	61.8	599	36,295		
Western & 46th	15	Side Street	8/23/95	NA	NA	NA	NA	NA	NA	5.00	55.2	NA	NA		
Washtenaw & 46th	16	Side Street	8/23/95	6.39	4,374	6.05	114	0.00	23,788	3.14	48.9	61.7	22,395		
Sawyer & 46th	17	Alley	8/28/95	2.56	4,015	4.34	161	0.00	43,263	2.86	19.1	60.4	10,379		
Pulaski & 46th	18	Main Street	8/28/95	0.38	NA	4.05	82.3	0.00	NA	8.01	56.5	121	39,463		
Ashland & 47th	19	Alley	8/23/95	5.60	5,644	5.55	118	0.00	31,457	5.64	15.8	23.7	8,922		
47th & Hoyne	20	Auto Grave Yard	8/30/95	3.36	4,041	7.50	155	0.00	32,750	6.98	123	255	33,262		

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-31 (Continued)

SAMPLES 11-20 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Kedzie & 42nd	11	Alley	8/23/95	NA	NA	NA	NA	18.0	156	NA	NA	NA	NA
Damen & 43rd	12	Main Street	8/23/95	NA	NA	NA	NA	12.4	116	NA	NA	NA	NA
Rockwell & 43rd	13	Surface Soil	8/23/95	NA	NA	NA	NA	NA	85.6	NA	NA	NA	NA
California & 43rd	14	Side Street	8/23/95	NA	19,327	350	1.61	18.8	256	2.07	0.00	2.04	434
Western & 46th	15	Side Street	8/23/95	NA	NA	NA	NA	20.0	134	NA	NA	NA	NA
Washtenaw & 46th	16	Side Street	8/23/95	NA	12,393	205	1.03	66.1	303	1.17	0.00	0.51	230
Sawyer & 46th	17	Alley	8/28/95	NA	19,988	214	0.89	10.7	784	2.32	0.00	2.92	600
Pulaski & 46th	18	Main Street	8/28/95	0.07	NA	536	2.26	17.2	99.7	0.91	0.00	2.10	276
Ashland & 47th	19	Alley	8/23/95	NA	13,223	118	1.65	6.13	325	0.79	0.00	1.71	258
47th & Hoyne	20	Auto Grave Yard	8/30/95	NA	17,298	666	12.3	42.2	745	2.05	0.00	0.61	1,895

NA = No analysis.

AI-73



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-32

SAMPLES 21-30 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Francisco & 47th	21	Main Street	8/23/95	NA	NA	NA	NA	NA	NA	0.00	21.6	NA	NA
Christiana & 47th	22	Side Street	8/23/95	NA	NA	NA	NA	NA	NA	0.20	26.0	NA	NA
Pulaski & Archer	23	Surface Soil	8/23/95	1.32	2,102	4.70	80.9	0.00	40,443	6.31	88.8	141	48,733
5116 S. Ashland	24	Auto Grave Yard	8/30/95	7.05	1,865	4.80	168	0.00	44,912	7.90	40.8	197	30,564
Campbell & 51st	25	Surface Soil	8/23/95	1.25	NA	5.02	75.6	0.00	NA	4.16	77.3	227	46,893
Fairfield & 51st	26	Alley	8/23/95	19.8	3,028	3.40	74.9	0.00	33,642	13.5	24.1	50.8	13,287
Troy & 51st	27	Side Street	8/23/95	NA	NA	NA	NA	NA	NA	5.00	47.2	NA	NA
Central Pk & 51st	28	Main Street	8/23/95	NA	NA	NA	NA	NA	NA	8.60	20.4	NA	NA
Winchester & 52nd	29	Surface Soil	8/4/95	NA	2,384	NA	NA	NA	NA	5.80	15.6	112	48,268
Talman & 53rd	30	Surface Soil	8/23/95	NA	NA	NA	NA	NA	NA	7.40	31.6	NA	NA

AI-74

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-32 (Continued)

SAMPLES 21-30 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Francisco & 47th	21	Main Street	8/23/95	NA	NA	NA	NA	8.80	79.2	NA	NA	NA	NA
Christiana & 47th	22	Side Street	8/23/95	NA	NA	NA	NA	10.4	55.6	NA	NA	NA	NA
Pulaski & Archer	23	Surface Soil	8/23/95	0.16	23,529	386	2.25	22.8	147	0.94	0.00	2.49	551
5116 S. Ashland	24	Auto Grave Yard	8/30/95	NA	31,398	268	1.95	32.8	907	2.04	0.00	2.11	5,828
Campbell & 51st	25	Surface Soil	8/23/95	0.07	NA	505	6.37	23.3	347	0.98	0.00	3.15	320
Fairfield & 51st	26	Alley	8/23/95	NA	19,526	185	1.07	12.8	560	0.80	0.00	1.81	462
Troy & 51st	27	Side Street	8/23/95	NA	NA	NA	NA	21.2	177	NA	NA	NA	NA
Central Pk & 51st	28	Main Street	8/23/95	NA	NA	NA	NA	11.6	97.6	NA	NA	NA	NA
Winchester & 52nd	29	Surface Soil	8/4/95	NA	NA	348	NA	9.60	96.0	NA	NA	NA	NA
Talman & 53rd	30	Surface Soil	8/23/95	NA	NA	NA	NA	12.4	118	NA	NA	NA	NA

NA = No analysis.

AI-75

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-33

SAMPLES 31-32 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Kedzie & 54th	31	Alley	8/23/95	0.19	88.65	0.17	3.15	0.00	812	0.10	8.58	1.85	404	
Harding & 54th	32	Side Street	8/23/95	0.31	NA	4.11	28.1	0.00	NA	2.26	30.1	44.4	14,946	

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-33 (Continued)

SAMPLES 31-32 FROM AREA TEN (LOCATED BETWEEN 31ST ST., ASHLAND AVE., 55TH ST., AND PULASKI AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Kedzie & 54th	31	Alley	8/23/95	NA	388	5.40	0.02	6.22	556	0.02	0.00	0.04	12
Harding & 54th	32	Side Street	8/23/95	0.05	NA	292	1.01	12.5	88.4	0.61	0.00	3.14	152

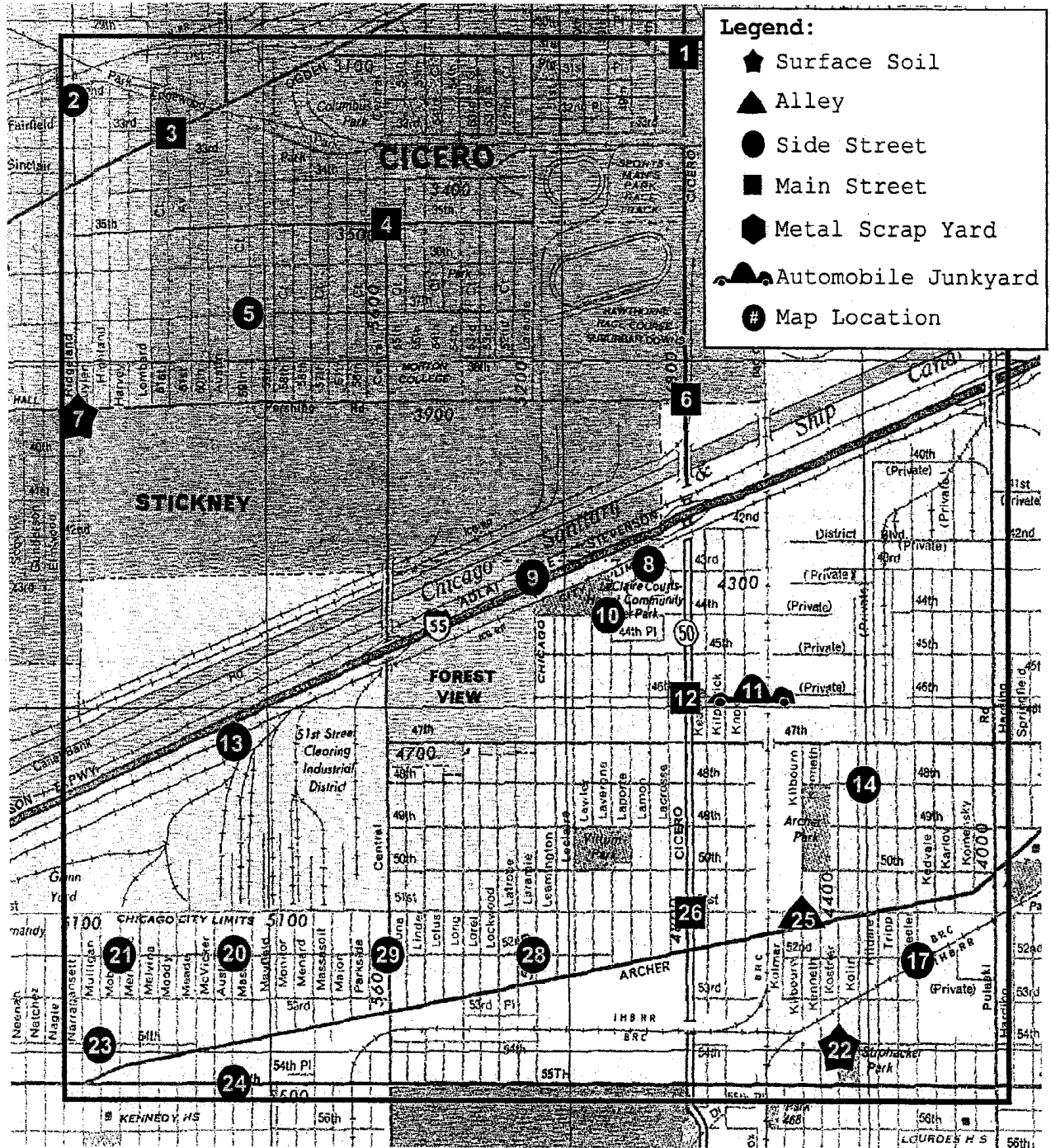
NA = No analysis.

AI-77

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-12

AREA ELEVEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-34

SAMPLES 1-10 FROM AREA ELEVEN (LOCATED BETWEEN 31ST ST., PULASKI AVE., 55TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Cicero & 31st	1	Main Street	8/14/95	1.04	2,468	6.20	128	0.00	NA	3.32	37.7	98.0	21,448
Ridgeland & 32nd	2	Side Street	8/14/95	NA	2,984	NA	NA	NA	NA	2.80	32.0	31.2	13,629
61st & Ogden	3	Main Street	6/16/95	NA	NA	NA	NA	NA	NA	1.40	39.2	NA	NA
Central & 35th	4	Main Street	8/14/95	NA	4,120	NA	NA	NA	NA	5.20	56.8	58.8	23,389
59th Ct & 37th	5	Side Street	6/16/95	NA	NA	NA	NA	NA	NA	3.40	31.6	NA	NA
Cicero & 39th	6	Main Street	8/14/95	NA	2,612	NA	NA	NA	NA	2.40	62.0	109	21,389
Ridgeland & 39th	7	Surface Soil	8/14/95	0.52	2,344	5.51	90.4	0.00	NA	3.88	70.8	107	32,222
Lamon & 43rd	8	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	0.40	12.8	159	NA
Laramie & 43rd	9	Side Street	8/14/95	0.45	NA	4.24	68.7	0.00	NA	2.20	29.7	118	26,310
Lavergne & 44th	10	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	3.20	36.8	241	NA

AI-79

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-34 (Continued)

SAMPLES 1-10 FROM AREA ELEVEN (LOCATED BETWEEN 31ST ST., PULASKI AVE., 55TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Cicero & 31st	1	Main Street	8/14/95	0.20	NA	419	5.44	19.1	123	1.09	0.00	3.97	259
Ridgeland & 32nd	2	Side Street	8/14/95	NA	NA	320	NA	9.60	64.0	NA	NA	NA	149
61st & Ogden	3	Main Street	6/16/95	NA	NA	NA	NA	16.4	92.8	NA	NA	NA	NA
Central & 35th	4	Main Street	8/14/95	NA	NA	345	NA	15.60	123	NA	NA	NA	210
59th Ct & 37th	5	Side Street	6/16/95	NA	NA	NA	NA	13.6	100	NA	NA	NA	NA
Cicero & 39th	6	Main Street	8/14/95	NA	NA	888	NA	26.4	97.6	NA	NA	NA	358
Ridgeland & 39th	7	Surface Soil	8/14/95	0.07	NA	359	1.38	18.5	88.6	1.26	0.00	3.38	259
Lamon & 43rd	8	Side Street	8/14/95	NA	NA	NA	NA	22.4	42.8	NA	NA	NA	159
Laramie & 43rd	9	Side Street	8/14/95	0.06	NA	509	1.07	10.6	82.1	0.75	0.00	3.12	166
Lavergne & 44th	10	Side Street	8/14/95	NA	NA	NA	NA	16.4	144	NA	NA	NA	241

NA = No analysis.

AI-80

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-35

SAMPLES 11-20 FROM AREA ELEVEN (LOCATED BETWEEN 31ST ST., PULASKI AVE., 55TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
4619 S. Knox	11	Auto Grave Yard	8/30/95	10.4	4,432	5.97	64.5	0.00	51,745	6.70	61.8	1,855	32,628
Cicero & 46th	12	Main Street	8/14/95	0.45	NA	4.12	170	0.00	NA	3.74	44.4	93.0	20,232
Austin & 47th	13	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	0.80	4.80	NA	NA
Kildare & 48th	14	Side Street	8/23/95	NA	NA	NA	NA	NA	NA	18.6	24.8	NA	NA
Kilbourn & 51st	15	Alley	8/23/95	NA	NA	NA	NA	NA	NA	4.60	8.40	NA	NA
Cicero & 51st	16	Main Street	8/23/95	NA	NA	NA	NA	NA	NA	0.00	107	NA	NA
Keeler & 52nd	17	Side Street	8/23/95	7.99	2,245	5.43	75.0	0.00	39,581	7.11	55.4	261	55,348
Laramie & 52nd	18	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	6.00	92.0	654	NA
Central & 52nd	19	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	0.80	14.4	NA	NA
Austin & 52nd	20	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	1.20	29.6	NA	NA

AI-81



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-35 (Continued)

SAMPLES 11-20 FROM AREA ELEVEN (LOCATED BETWEEN 31ST ST., PULASKI AVE., 55TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
4619 S. Knox	11	Auto Grave Yard	8/30/95	NA	31,375	351	13.2	48.3	256	1.71	0.00	2.32	639
Cicero & 46th	12	Main Street	8/14/95	0.07	NA	687	1.17	11.2	76.5	0.88	0.00	4.44	184
Austin & 47th	13	Side Street	8/14/95	NA	NA	NA	NA	2.40	10.8	NA	NA	NA	34.4
Kildare & 48th	14	Side Street	8/23/95	NA	NA	NA	NA	9.20	36.0	NA	NA	NA	NA
Kilbourn & 51st	15	Alley	8/23/95	NA	NA	NA	NA	9.60	52.4	NA	NA	NA	NA
Cicero & 51st	16	Main Street	8/23/95	NA	NA	NA	NA	27.6	174	NA	NA	NA	NA
Keeler & 52nd	17	Side Street	8/23/95	NA	21,909	368	1.87	161.0	102	0.85	0.00	2.23	273
Laramie & 52nd	18	Side Street	8/14/95	NA	NA	NA	NA	16.0	154	NA	NA	NA	654
Central & 52nd	19	Side Street	8/14/95	NA	NA	NA	NA	5.60	114	NA	NA	NA	130
Austin & 52nd	20	Side Street	8/14/95	NA	NA	NA	NA	9.60	84.0	NA	NA	NA	153

NA = No analysis.

AI-82

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-36

SAMPLES 21-24 FROM AREA ELEVEN (LOCATED BETWEEN 31ST ST., PULASKI AVE., 55TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Mobile & 52nd	21	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	4.00	37.2	NA	NA
Kostner & 54th	22	Surface Soil	8/23/95	0.22	NA	3.38	67.0	0.00	NA	2.25	29.0	60.0	22,537
Mulligan & 54th	23	Side Street	8/9/95	NA	2,300	NA	NA	NA	NA	2.40	27.2	37.6	9,908
Austin & 55th	24	Side Street	8/14/95	NA	NA	NA	NA	NA	NA	7.20	88.4	NA	NA

AI-83

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-36 (Continued)

SAMPLES 21-24 FROM AREA ELEVEN (LOCATED BETWEEN 31ST ST., PULASKI AVE., 55TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Mobile & 52nd	21	Side Street	8/14/95	NA	NA	NA	NA	10.0	61.2	NA	NA	NA	201
Kostner & 54th	22	Surface Soil	8/23/95	0.56	NA	216	1.46	13.2	121	1.11	0.00	1.87	286
Mulligan & 54th	23	Side Street	8/9/95	NA	NA	217	NA	10.0	64.0	NA	NA	NA	191
Austin & 55th	24	Side Street	8/14/95	NA	NA	NA	NA	27.6	93.2	NA	NA	NA	367

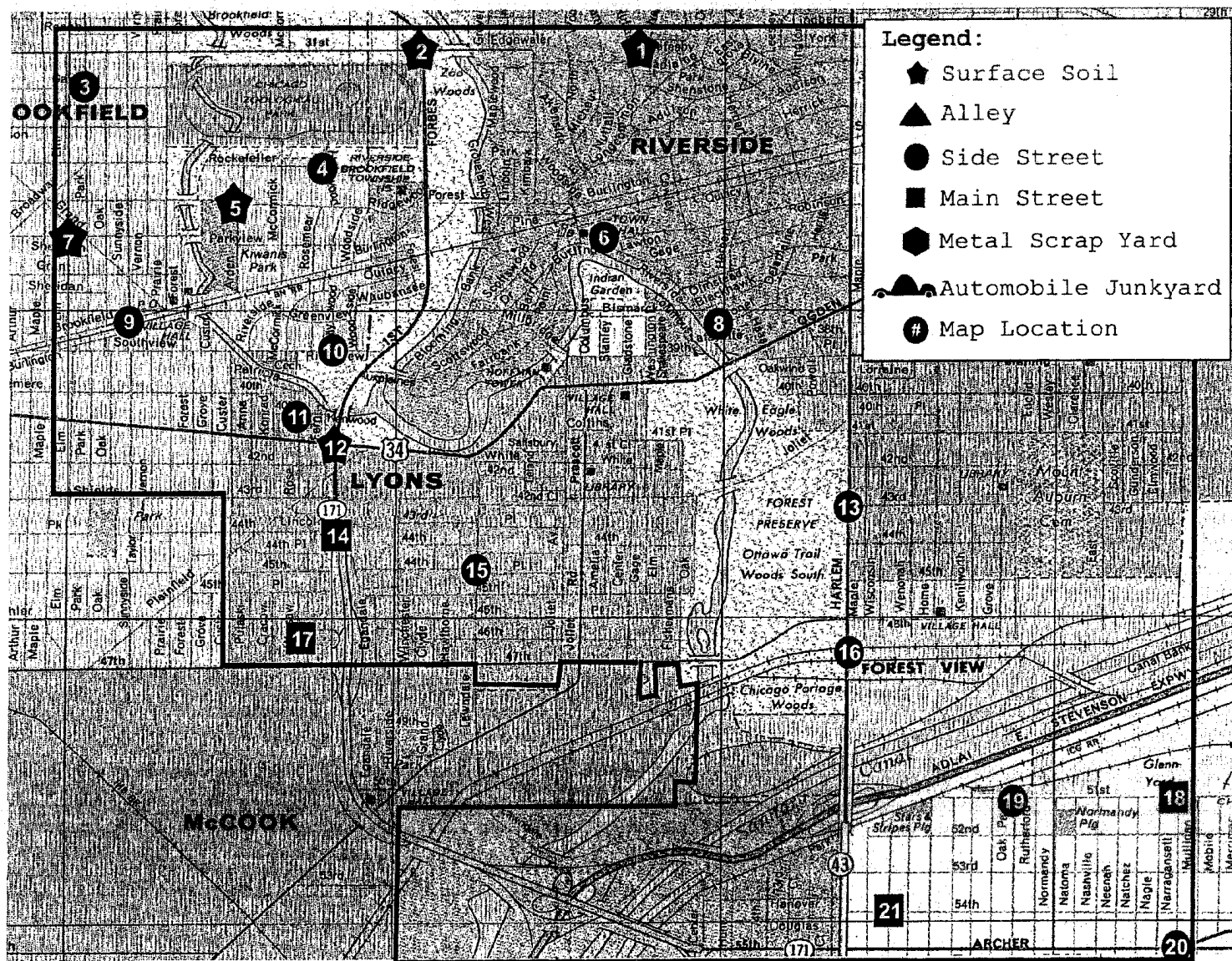
NA = No analysis.

AI-84

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-13

AREA TWELVE OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



AI-85

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-37

SAMPLES 1-10 FROM AREA TWELVE (LOCATED BETWEEN 31ST ST., RIDGELAND AVE., 55TH ST., AND MAPLE AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Selbourne & 31st	1	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	0.20	36.0	NA	NA
1st Ave & 31st	2	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	6.60	10.4	NA	NA
Park & Garfield	3	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	2.00	32.0	NA	NA
Hollywood & Rockefeller	4	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	4.00	20.4	NA	NA
Arden & Washington	5	Surface Soil	7/17/95	NA	NA	NA	NA	NA	NA	4.80	28.0	NA	NA
Village Hall	6	Side Street	8/24/95	8.81	4,132	5.10	52.1	0.00	31,024	5.75	81.4	60.0	12,873
Elm & Maple Park	7	Surface Soil	7/17/95	NA	NA	NA	NA	NA	NA	1.60	16.0	NA	NA
Lafayette & Lionel	8	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	1.00	2.40	NA	NA
Sunnyside Dr & Burlington	9	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	0.80	16.8	NA	NA
Hollywood & Southview	10	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	3.60	10.0	NA	NA

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-37 (Continued)

SAMPLES 1-10 FROM AREA TWELVE (LOCATED BETWEEN 31ST ST., RIDGELAND AVE., 55TH ST., AND MAPLE AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Selbourne & 31st	1	Surface Soil	8/24/95	NA	NA	NA	NA	26.4	72.4	NA	NA	NA	NA
1st Ave & 31st	2	Surface Soil	8/24/95	NA	NA	NA	NA	8.40	91.6	NA	NA	NA	NA
Park & Garfield	3	Side Street	7/17/95	NA	NA	NA	NA	12.0	106	NA	NA	NA	NA
Hollywood & Rockefeller	4	Side Street	7/17/95	NA	NA	NA	NA	10.4	108	NA	NA	NA	NA
Arden & Washington	5	Surface Soil	7/17/95	NA	NA	NA	NA	9.60	64.8	NA	NA	NA	NA
Village Hall	6	Side Street	8/24/95	NA	18,059	256	7.54	11.0	380	1.08	0.00	0.91	187
Elm & Maple Park	7	Surface Soil	7/17/95	NA	NA	NA	NA	6.80	49.2	NA	NA	NA	NA
Lafayette & Lionel	8	Side Street	8/24/95	NA	NA	NA	NA	1.20	6.40	NA	NA	NA	NA
Sunnyside Dr & Burlington	9	Side Street	7/17/95	NA	NA	NA	NA	7.20	38.0	NA	NA	NA	NA
Hollywood & Southview	10	Side Street	7/17/95	NA	NA	NA	NA	4.80	12.0	NA	NA	NA	NA

NA = No analysis.

AI-87

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-38

SAMPLES 11-21 FROM AREA TWELVE (LOCATED BETWEEN 31ST ST., RIDGELAND AVE., 55TH ST., AND MAPLE AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Rose & 40th	11	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	1.60	11.2	NA	NA
1st Ave & Ogden	12	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	0.00	22.0	NA	NA
Harlem & 43rd	13	Side Street	8/28/95	NA	NA	NA	NA	NA	NA	13.8	26.0	NA	NA
1st Ave & 44th	14	Main Street	7/17/95	NA	NA	NA	NA	NA	NA	3.20	42.8	NA	NA
Lawndale & 44th	15	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	3.60	24.8	NA	NA
Warsaw & 46th	16	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	3.20	24.4	NA	NA
Harlem & 47th	17	Main Street	8/4/95	1.50	2,399	6.80	96.6	NA	82,994	18.8	46.9	60	28,576
Narragansett & 51st	18	Main Street	8/4/95	NA	1,476	NA	NA	NA	NA	0.80	31.6	34.0	12,269
Oak Park & 51st	19	Side Street	8/4/95	0.17	1,316	5.56	49.3	0.30	NA	1.84	13.4	31.3	15,563
Nordica & 54th	20	Side Street	8/4/95	NA	856	NA	NA	NA	NA	1.20	24.0	8.40	4,149
Narragansett & Archer	21	Main Street	8/4/95	NA	1,620	NA	NA	NA	NA	5.60	98.0	17.6	6,549

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-38 (Continued)

SAMPLES 11-21 FROM AREA TWELVE (LOCATED BETWEEN 31ST ST., RIDGELAND AVE., 55TH ST., AND MAPLE AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Rose & 40th	11	Side Street	7/17/95	NA	NA	NA	NA	8.00	0.00	NA	NA	NA	NA
1st Ave & Ogden	12	Surface Soil	8/24/95	NA	NA	NA	NA	4.80	70.8	NA	NA	NA	NA
Harlem & 43rd	13	Side Street	8/28/95	NA	NA	NA	NA	12.4	166	NA	NA	NA	NA
1st Ave & 44th	14	Main Street	7/17/95	NA	NA	NA	NA	13.2	87.2	NA	NA	NA	NA
Lawndale & 44th	15	Side Street	7/17/95	NA	NA	NA	NA	8.80	64.0	NA	NA	NA	NA
Warsaw & 46th	16	Side Street	7/17/95	NA	NA	NA	NA	9.20	99.2	NA	NA	NA	NA
Harlem & 47th	17	Main Street	8/4/95	NA	43,204	373	0.72	16.1	303	5.20	4.00	0.00	1,919
Narragansett & 51st	18	Main Street	8/4/95	NA	NA	195	NA	26.8	44.4	NA	NA	NA	163
Oak Park & 51st	19	Side Street	8/4/95	0.03	NA	340	0.33	14.4	29.2	0.18	0.00	0.26	71.6
Nordica & 54th	20	Side Street	8/4/95	NA	NA	150	NA	7.60	58.4	NA	NA	NA	126
Narragansett & Archer	21	Main Street	8/4/95	NA	NA	164	NA	22.8	152	NA	NA	NA	430

NA = No analysis.

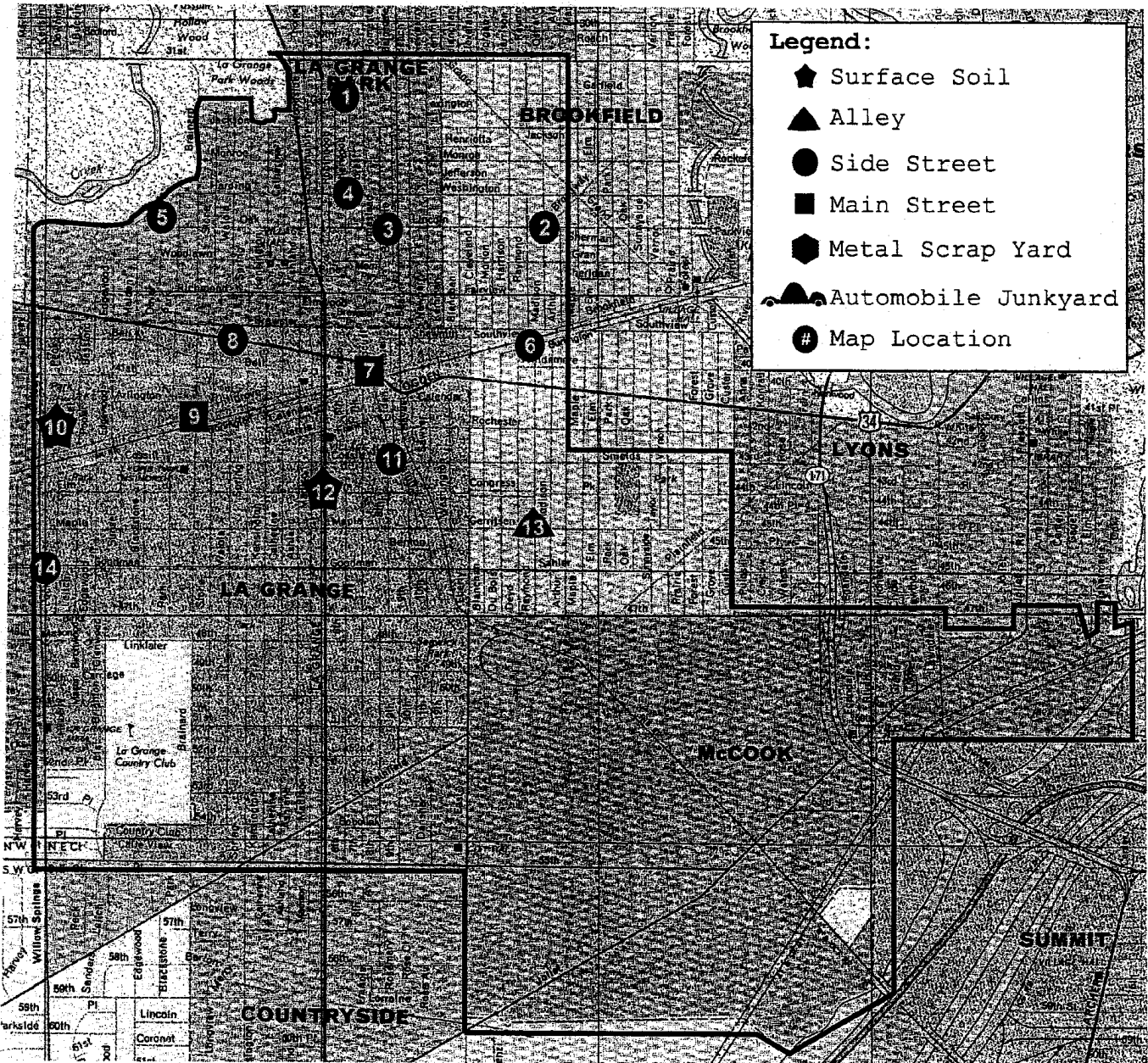
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-14

AREA THIRTEEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-39

SAMPLES 1-10 FROM AREA THIRTEEN (LOCATED BETWEEN 31ST ST., MAPLE AVE., 55TH ST., AND GILBERT LANE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Garfield & Sherwood	1	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	4.20	50.4	NA	NA
Madison & Broadway	2	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	0.00	17.2	NA	NA
Barnsdale & Oak	3	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	0.00	26.4	NA	NA
Harding & Sherwood	4	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	2.60	32.8	NA	NA
Harding & Dover	5	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	0.00	12.8	NA	NA
Raymond & Burlington	6	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	2.00	28.8	NA	NA
Locust & Hillgrove	7	Main Street	7/17/95	NA	NA	NA	NA	NA	NA	2.80	20.0	NA	NA
Waiola & Ogden	8	Side Street	7/17/95	12.2	2,383	2.90	56.3	0.00	41,171	3.80	92.5	43.6	9,815
Brainard & Hillgrove	9	Main Street	7/17/95	NA	NA	NA	NA	NA	NA	15.2	45.6	NA	NA
Gilbert & Elder Ln	10	Surface Soil	7/17/95	NA	NA	NA	NA	NA	NA	7.20	18.8	NA	NA

AI-91

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-39 (Continued)

SAMPLES 1-10 FROM AREA THIRTEEN (LOCATED BETWEEN 31ST ST., MAPLE AVE., 55TH ST., AND GILBERT LANE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Garfield & Sherwood	1	Side Street	7/17/95	NA	NA	NA	NA	12.4	46.8	NA	NA	NA	NA
Madison & Broadway	2	Side Street	7/17/95	NA	NA	NA	NA	7.60	43.2	NA	NA	NA	NA
Barnsdale & Oak	3	Side Street	7/17/95	NA	NA	NA	NA	12.8	83.2	NA	NA	NA	NA
Harding & Sherwood	4	Side Street	7/17/95	NA	NA	NA	NA	30.0	260	NA	NA	NA	NA
Harding & Dover	5	Side Street	7/17/95	NA	NA	NA	NA	4.00	13.6	NA	NA	NA	NA
Raymond & Burlington	6	Side Street	7/17/95	NA	NA	NA	NA	9.20	97.2	NA	NA	NA	NA
Locust & Hillgrove	7	Main Street	7/17/95	NA	NA	NA	NA	7.20	56.8	NA	NA	NA	NA
Waiola & Ogden	8	Side Street	7/17/95	NA	25,451	192	0.27	11.0	357	1.13	0.00	2.77	356
Brainard & Hillgrove	9	Main Street	7/17/95	NA	NA	NA	NA	14.4	118.8	NA	NA	NA	NA
Gilbert & Elder Ln	10	Surface Soil	7/17/95	NA	NA	NA	NA	8.80	42.0	NA	NA	NA	NA

NA = No analysis.

AI-92

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-40

SAMPLES 11-14 FROM AREA THIRTEEN (LOCATED BETWEEN 31ST ST., MAPLE AVE., 55TH ST., AND GILBERT LANE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Tilden & Cossitt	11	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	0.40	5.60	NA	NA
LaGrange Rd & Elm	12	Surface Soil	7/17/95	NA	NA	NA	NA	NA	NA	0.80	13.6	NA	NA
Raymond & Garrisen	13	Alley	7/17/95	NA	NA	NA	NA	NA	NA	2.00	4.00	NA	NA
Gilbert & Goodman	14	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	4.40	67.2	NA	NA

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-40 (Continued)

SAMPLES 11-14 FROM AREA THIRTEEN (LOCATED BETWEEN 31ST ST., MAPLE AVE., 55TH ST., AND GILBERT LANE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Tilden & Cossitt	11	Side Street	7/17/95	NA	NA	NA	NA	2.80	108	NA	NA	NA	NA
LaGrange Rd & Elm	12	Surface Soil	7/17/95	NA	NA	NA	NA	11.2	154	NA	NA	NA	NA
Raymond & Garrison	13	Alley	7/17/95	NA	NA	NA	NA	2.40	9.60	NA	NA	NA	NA
Gilbert & Goodman	14	Side Street	7/17/95	NA	NA	NA	NA	11.2	63.2	NA	NA	NA	NA

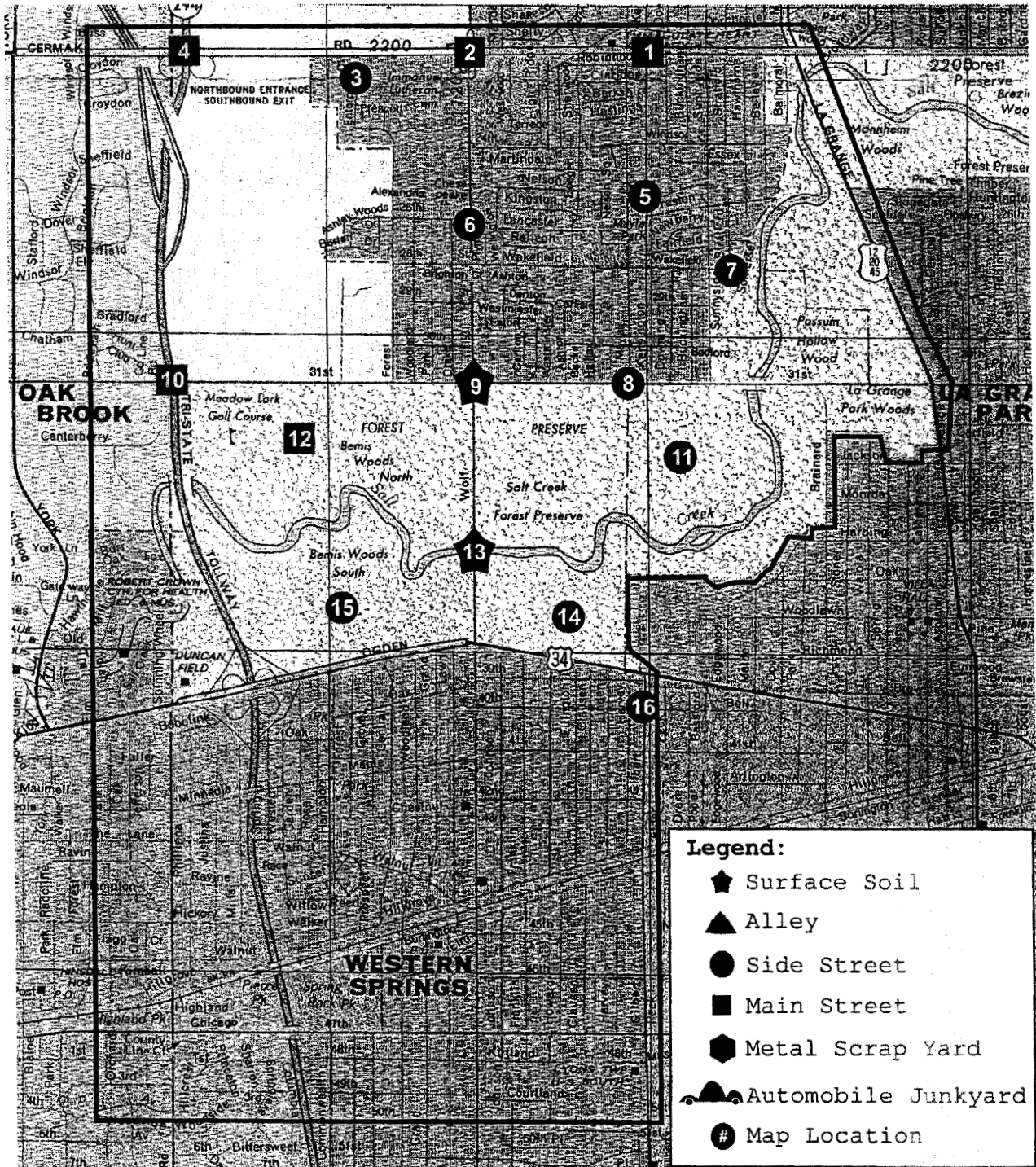
NA = No analysis.

AI-94

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-15

AREA FOURTEEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY  
(ALL SAMPLES IN THE SEPARATE SEWER SYSTEM AREA)



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-41

SAMPLES 1-10 FROM AREA FOURTEEN (LOCATED BETWEEN 22ND ST., LAGRANGE RD., 55TH ST., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Robinhood & 22nd	1	Main Street	8/24/95	NA	NA	NA	NA	NA	NA	19.0	66.0	NA	NA
Wolf & 22nd	2	Main Street	8/24/95	NA	NA	NA	NA	NA	NA	2.60	37.2	NA	NA
Enterprise Drive	3	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	10.2	49.6	NA	NA
I294 & 22nd	4	Main Street	8/24/95	NA	NA	NA	NA	NA	NA	17.4	63.6	NA	NA
Kensington & Fleet	5	Side Street	8/24/95	0.60	1,905	2.27	32.6	0.03	36,110	1.64	60.3	33.2	9,382
Wolf & Lancaster	6	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	4.60	83.6	NA	NA
Sommerset & Stratford	7	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	25.0	34.8	NA	NA
Mayfair & 31st	8	Side Street	8/24/95	NA	NA	NA	NA	NA	NA	14.2	23.2	NA	NA
Wolf & 31st	9	Surface Soil	8/24/95	NA	NA	NA	NA	NA	NA	6.60	66.8	NA	NA
I294 & 31st	10	Main Street	8/24/95	NA	NA	NA	NA	NA	NA	0.00	67.6	NA	NA

AI-96

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-41 (Continued)

SAMPLES 1-10 FROM AREA FOURTEEN (LOCATED BETWEEN 22ND ST., LAGRANGE RD., 55TH ST., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Robinhood & 22nd	1	Main Street	8/24/95	NA	NA	NA	NA	9.60	216	NA	NA	NA	NA
Wolf & 22nd	2	Main Street	8/24/95	NA	NA	NA	NA	12.4	52.0	NA	NA	NA	NA
Enterprise Drive	3	Side Street	8/24/95	NA	NA	NA	NA	10.0	35.2	NA	NA	NA	NA
I294 & 22nd	4	Main Street	8/24/95	NA	NA	NA	NA	13.2	84.4	NA	NA	NA	NA
Kensington & Fleet	5	Side Street	8/24/95	NA	22,346	145	0.61	7.87	181	1.38	0.00	1.79	191
Wolf & Lancaster	6	Side Street	8/24/95	NA	NA	NA	NA	12.0	214	NA	NA	NA	NA
Sommerset & Stratford	7	Side Street	8/24/95	NA	NA	NA	NA	8.40	88.0	NA	NA	NA	NA
Mayfair & 31st	8	Side Street	8/24/95	NA	NA	NA	NA	4.40	48.0	NA	NA	NA	NA
Wolf & 31st	9	Surface Soil	8/24/95	NA	NA	NA	NA	10.8	138	NA	NA	NA	NA
I294 & 31st	10	Main Street	8/24/95	NA	NA	NA	NA	11.2	88.0	NA	NA	NA	NA

NA = No analysis.

AI-97



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-42

SAMPLES 11-16 FROM AREA FOURTEEN (LOCATED BETWEEN 22ND ST., LAGRANGE RD., 55TH ST., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Grv 5-8 Bemis Woods	11	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	3.60	8.80	NA	NA
Meadowlark GC sevice area	12	Main Street	7/17/95	NA	NA	NA	NA	NA	NA	3.20	20.8	NA	NA
Bike Trail & Wolf	13	Surface Soil	7/17/95	NA	NA	NA	NA	NA	NA	1.60	47.2	NA	NA
Lot in Bemis Woods	14	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	0.40	34.4	NA	NA
Bemis woods	15	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	0.00	5.60	NA	NA
Gilbert & Bell	16	Side Street	7/17/95	NA	NA	NA	NA	NA	NA	6.80	82.0	NA	NA

AI-98

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-42 (Continued)

SAMPLES 11-16 FROM AREA FOURTEEN (LOCATED BETWEEN 22ND ST., LAGRANGE RD., 55TH ST., AND I294) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
										----- mg/Kg -----			
Grv 5-8 Bemis Woods	11	Side Street	7/17/95	NA	NA	NA	NA	5.60	30.8	NA	NA	NA	NA
Meadowlark GC sevice area	12	Main Street	7/17/95	NA	NA	NA	NA	6.00	84.4	NA	NA	NA	NA
Bike Trail & Wolf	13	Surface Soil	7/17/95	NA	NA	NA	NA	10.8	84.4	NA	NA	NA	NA
Lot in Bemis Woods	14	Side Street	7/17/95	NA	NA	NA	NA	5.60	126	NA	NA	NA	NA
Bemis woods	15	Side Street	7/17/95	NA	NA	NA	NA	3.60	16.4	NA	NA	NA	NA
Gilbert & Bell	16	Side Street	7/17/95	NA	NA	NA	NA	14.8	86.0	NA	NA	NA	NA

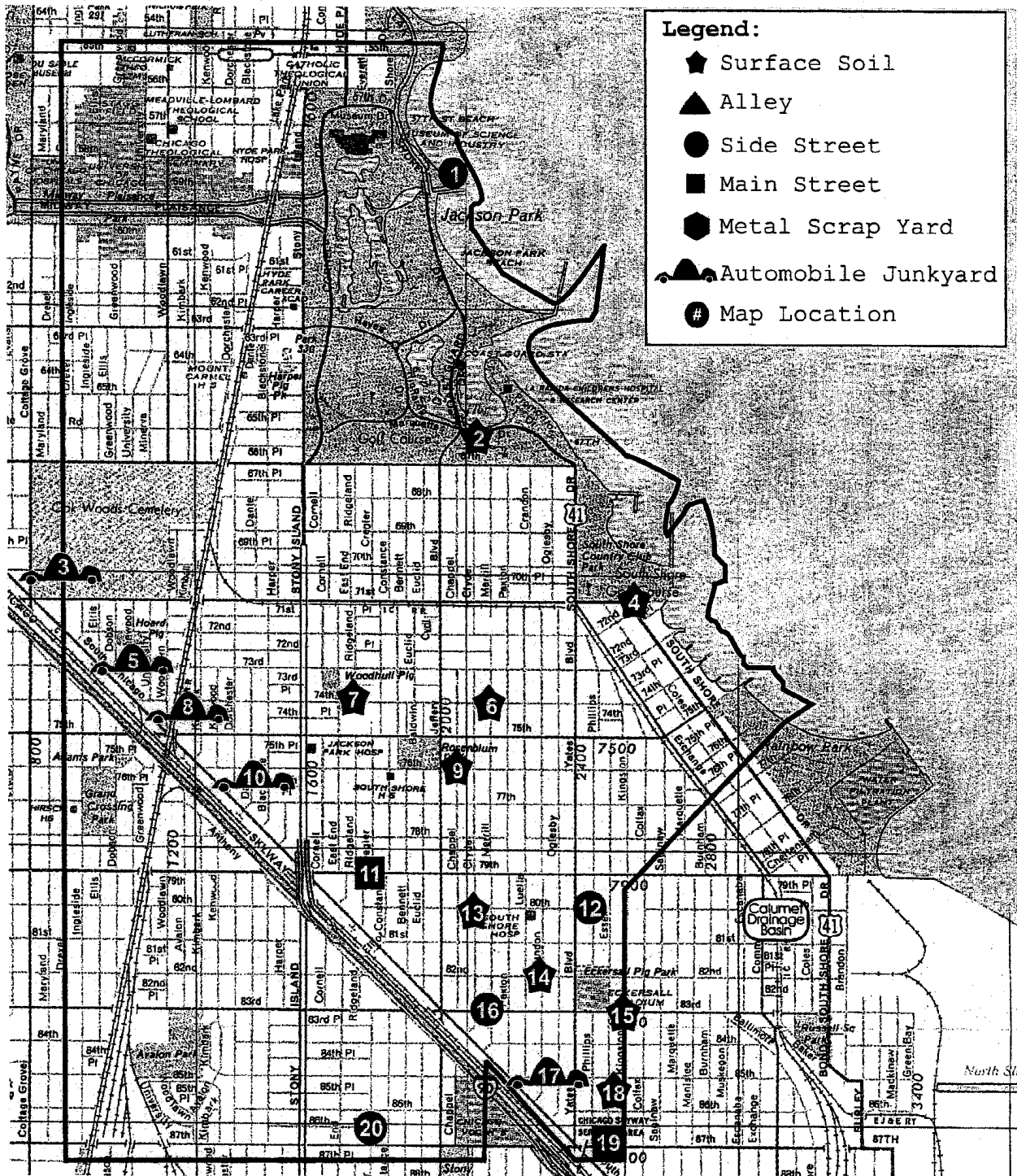
NA = No analysis.

AI-99

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-16

AREA FIFTEEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-43

SAMPLES 1-10 FROM AREA FIFTEEN (LOCATED BETWEEN 55TH ST., THE LAKE, 87TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Jackson Pk.	1	Side Street	7/20/98	0.40	NA	6.83	397	0.21	NA	1.59	10.5	294	11,810	
Jackson Pk.	2	Surface Soil	7/20/98	0.50	NA	7.40	22	0.01	NA	1.17	12.3	13.4	7,999	
7060 S. South Chicago	3	Auto Graveyard	8/30/95	6.31	2,632	3.72	147	0.16	30,153	10.3	49.6	321	19,123	
7133 S. Coles	4	Surface Soil	7/20/98	0.39	NA	5.68	64	0.00	NA	1.55	20.8	41.7	9,315	
7370 S. South Chicago	5	Auto Graveyard	8/30/95	1.74	5,121	5.68	137	0.00	39,358	9.60	44.5	512	44,793	
74th & Chappel	6	Surface Soil	7/20/98	0.69	NA	6.33	41	0.00	NA	2.23	20.1	195	13,492	
74th & E. End	7	Surface Soil	7/20/98	0.37	NA	5.74	65	0.03	NA	1.64	15.5	22.6	11,180	
7440 S. South Chicago	8	Auto Graveyard	8/30/95	1.41	3,559	4.73	115	0.00	32,582	6.75	113	984	34,848	
76th & Euclid	9	Surface Soil	7/20/98	0.59	NA	6.67	109	0.27	NA	3.07	43.3	67.9	25,957	
7680 S. South Chicago	10	Auto Graveyard	8/30/95	1.04	3,202	5.82	83.0	0.07	40,615	5.38	49.0	115	22,912	

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-43 (Continued)

SAMPLES 1-10 FROM AREA FIFTEEN (LOCATED BETWEEN 55TH ST., THE LAKE, 87TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Jackson Pk.	1	Side Street	7/20/98	NA	NA	368	0.12	9.80	121	1.22	0.00	0.30	125
Jackson Pk.	2	Surface Soil	7/20/98	NA	NA	204	0.00	4.75	204	0.22	0.00	2.74	73.2
7060 S. South Chicago	3	Auto Graveyard	8/30/95	NA	17,961	551	0.94	29.1	808	1.66	0.00	1.28	785
7133 S. Coles	4	Surface Soil	7/20/98	NA	NA	231	0.17	8.73	346	0.49	0.00	1.81	325
7370 S. South Chicago	5	Auto Graveyard	8/30/95	NA	20,334	686	2.32	358	1,203	2.38	0.00	1.68	786
74th & Chappel	6	Surface Soil	7/20/98	NA	NA	314	0.39	9.59	164	0.36	0.00	2.91	406
74th & E. End	7	Surface Soil	7/20/98	NA	NA	319	0.33	8.46	111	0.24	0.00	0.67	204
7440 S. South Chicago	8	Auto Graveyard	8/30/95	NA	16,704	679	18.9	160	541	1.50	0.00	1.00	824
76th & Euclid	9	Surface Soil	7/20/98	NA	NA	514	1.06	18.5	352	0.63	0.00	0.00	371
7680 S. South Chicago	10	Auto Graveyard	8/30/95	NA	26,519	534	1.24	21.8	405	1.02	0.00	2.37	1,057

NA = No analysis.

AI-102

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-44

SAMPLES 11-20 FROM AREA FIFTEEN (LOCATED BETWEEN 55TH ST., THE LAKE, 87TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
East End & 79th	11	Main Street	7/9/95	NA	NA	NA	NA	NA	NA	5.60	34.0	NA	NA	
Ogelsby & 80th	12	Side Street	7/9/95	0.37	NA	4.12	47.9	0.00	NA	2.33	34.0	36.3	13,707	
8000 S. Jeffery	13	Surface Soil	7/20/98	3.76	NA	0.00	59.4	0.00	NA	4.49	735	49.2	57,110	
82nd & Paxton	14	Surface Soil	7/20/98	0.32	NA	5.84	135	0.07	NA	1.87	28.2	23.7	13,325	
Philips & 83rd	15	Surface Soil	7/9/95	0.20	NA	3.31	22.6	0.00	NA	1.11	13.1	13.3	6,939	
Chappel & 83rd	16	Side Street	7/9/95	NA	NA	NA	NA	NA	NA	4.80	79.6	NA	NA	
8538 S. South Chicago	17	Auto Graveyard	8/30/95	2.30	4,037	7.13	88.2	0.00	43,433	5.41	58.7	582	49,913	
84th & Yates	18	Surface Soil	7/20/98	0.75	NA	5.91	92.0	0.06	NA	1.62	24.7	59.9	11,837	
Yates Blvd & 87th	19	Main Street	7/9/95	NA	NA	NA	NA	NA	NA	4.40	52.4	NA	NA	
East End & 86th Place	20	Side Street	7/9/95	0.38	NA	4.60	50.1	0.00	NA	3.34	57.2	50.5	22,923	

AI-103

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-44 (Continued)

SAMPLES 11-20 FROM AREA FIFTEEN (LOCATED BETWEEN 55TH ST., THE LAKE, 87TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
										----- mg/Kg -----			
East End & 79th	11	Main Street	7/9/95	NA	NA	NA	NA	10.4	86.8	NA	NA	NA	NA
Ogelsby & 80th	12	Side Street	7/9/95	NA	NA	577	1.06	9.73	88.8	0.75	0.00	3.24	166
8000 S. Jeffery	13	Surface Soil	7/20/98	NA	NA	12,420	20.9	13.3	83.6	7.27	0.00	3.71	415
82nd & Paxton	14	Surface Soil	7/20/98	0	NA	470	1.03	12.7	88.2	0.41	0.00	0.00	430
Philips & 83rd	15	Surface Soil	7/9/95	NA	NA	339	0.13	3.81	29.8	0.77	0.00	2.21	71.6
Chappel & 83rd	16	Side Street	7/9/95	NA	NA	NA	NA	17.6	182	NA	NA	NA	NA
8538 S. South Chicago	17	Auto Graveyard	8/30/95	NA	25,466	756	7.76	62.3	487	1.03	0.00	1.15	575
84th & Yates	18	Surface Soil	7/20/98	NA	NA	532	0.95	8.41	98	0.61	0.00	1.85	401
Yates Blvd & 87th	19	Main Street	7/9/95	NA	NA	NA	NA	14.8	191	NA	NA	NA	NA
East End & 86th Place	20	Side Street	7/9/95	NA	NA	486	1.48	12.4	91.9	1.07	0.00	4.12	294

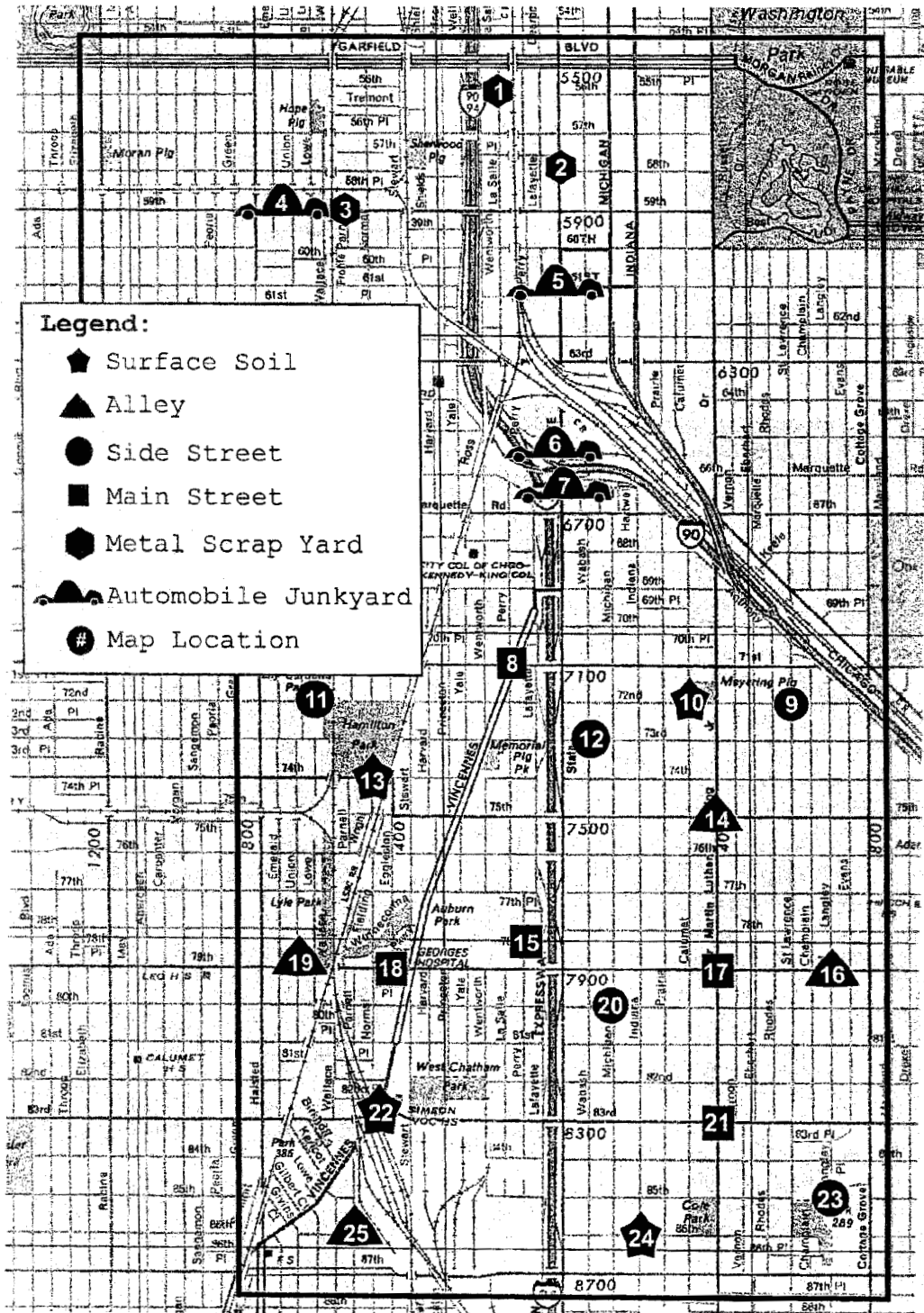
NA = No analysis.

AI-104

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI - 17

AREA SIXTEEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY





METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-45

SAMPLES 1-10 FROM AREA SIXTEEN (LOCATED BETWEEN 55TH ST., COTTAGE GROVE, 87TH ST., AND HALSTED ST.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
----- mg/Kg -----													
5621 Wentworth	1	Scrap Metal Yard	8/30/95	8.06	3,530	7.92	168	0.00	33,614	6.42	28.2	1,195	24,694
5825 S. State	2	Metal Scrap Yard	8/30/95	5.57	3,695	6.51	148	0.00	44,691	5.38	82.6	2,073	31,793
540 W. 59th St.	3	Scrap Metal Yard	8/30/95	5.83	2,635	4.75	108	0.00	36,809	5.23	68.8	1,000	35,440
620 W. 59th St.	4	Auto Graveyard	8/30/95	5.29	3,151	4.58	88.2	0.00	47,982	6.74	43.4	94.4	29,371
6150 S. State	5	Auto Graveyard	8/30/95	10.9	3,210	5.83	167	0.28	43,924	7.30	28.9	173	18,557
6518 S. State	6	Auto Graveyard	8/30/95	2.62	4,941	9.17	329	0.03	37,259	10.1	58.7	1,134	48,454
6529 S. State	7	Auto Graveyard	8/30/95	2.84	2,602	6.81	234	0.00	40,108	15.4	41.6	1,483	29,144
Vincennes & 71st	8	Main Street	8/28/95	0.74	4,720	3.93	105	0.00	NA	2.73	33.1	235	25,141
St. Lawrence & 72nd	9	Side Street	8/28/95	NA	2,228	NA	NA	NA	NA	0.00	30.0	31.2	17,193
Calumet & 72nd	10	Surface Soil	8/28/95	0.13	2,300	6.48	31.4	0.00	NA	0.82	11.0	28.0	5,819

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-45 (Continued)

SAMPLES 1-10 FROM AREA SIXTEEN (LOCATED BETWEEN 55TH ST., COTTAGE GROVE, 87TH ST., AND HALSTED ST.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
5621 Wentworth	1	Scrap Metal Yard	8/30/95	NA	17,059	416	1.25	16.3	610	3.67	0.00	1.17	399
5825 S. State	2	Metal Scrap Yard	8/30/95	NA	26,436	1,015	1.88	21.4	915	2.23	0.00	1.52	1,420
540 W. 59th St.	3	Scrap Metal Yard	8/30/95	NA	19,922	693	2.68	19.6	421	0.82	0.00	1.02	488
620 W. 59th St.	4	Auto Graveyard	8/30/95	NA	32,246	743	1.05	22.2	331	0.76	0.00	2.37	496
6150 S. State	5	Auto Graveyard	8/30/95	NA	23,682	430	1.63	15.6	1,135	0.85	0.00	2.24	676
6518 S. State	6	Auto Graveyard	8/30/95	NA	19,831	547	2.44	39.8	1,495	2.74	0.00	0.19	1,018
6529 S. State	7	Auto Graveyard	8/30/95	NA	24,893	457	2.10	26.3	920	1.44	0.00	1.34	630
Vincennes & 71st	8	Main Street	8/28/95	0.07	NA	517	1.62	69.4	285	1.72	0.00	2.88	443
St. Lawrence & 72nd	9	Side Street	8/28/95	NA	NA	360	NA	14.00	70.8	NA	NA	NA	287
Calumet & 72nd	10	Surface Soil	8/28/95	0.04	NA	166	0.19	5.15	56.85	0.56	0.00	0.00	158

NA = No analysis.

AI-107

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-46

SAMPLES 11-20 FROM AREA SIXTEEN (LOCATED BETWEEN 55TH ST., COTTAGE GROVE, 87TH ST., AND HALSTED ST.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Lowe & 72nd	11	Side Street	8/28/95	NA	1,332	NA	NA	NA	NA	0.00	10.4	24.8	6,273	
Wabash & 73rd	12	Side Street	8/28/95	NA	3,836	NA	NA	NA	NA	0.00	46.4	135	27,313	
Normal & 74th	13	Surface Soil	8/28/95	NA	4,480	NA	NA	NA	NA	0.00	6.80	7.60	10,793	
King Dr & 75th	14	Alley	8/28/95	NA	2,976	NA	NA	NA	NA	0.00	58.8	5.20	7,953	
Perry & 78th	15	Main Street	8/28/95	NA	4,240	NA	NA	NA	NA	0.00	26.0	45.2	13,633	
Langley & 79th	16	Alley	8/28/95	2.54	4,395	10.4	172	0.56	34,325	7.49	49.9	155	17,006	
King Dr & 79th	17	Main Street	8/28/95	NA	9.00	NA	NA	NA	NA	0.00	0.80	0.00	0.00	
Eggelston & 79th	18	Main Street	8/28/95	0.54	2,468	4.68	87.3	0.00	NA	7.84	89.4	252	52,325	
Union & 79th	19	Alley	8/28/95	NA	4,280	NA	NA	NA	NA	0.00	18.4	35.2	11,713	
Michigan & 80th	20	Side Street	8/28/95	NA	1,836	NA	NA	NA	NA	0.80	13.6	14.8	6,231	

AI-108

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-46 (Continued)

SAMPLES 11-20 FROM AREA SIXTEEN (LOCATED BETWEEN 55TH ST., COTTAGE GROVE, 87TH ST., AND HALSTED ST.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Lowe & 72nd	11	Side Street	8/28/95	NA	NA	330	NA	14.4	124	NA	NA	NA	154
Wabash & 73rd	12	Side Street	8/28/95	NA	NA	448	NA	17.2	290	NA	NA	NA	635
Normal & 74th	13	Surface Soil	8/28/95	NA	NA	170	NA	6.40	60.0	NA	NA	NA	56.2
King Dr & 75th	14	Alley	8/28/95	NA	NA	1,600	NA	6.00	94.4	NA	NA	NA	184
Perry & 78th	15	Main Street	8/28/95	NA	NA	385	NA	12.4	158	NA	NA	NA	253
Langley & 79th	16	Alley	8/28/95	NA	15,830	405	2.20	21.0	580	0.57	0.00	2.60	616
King Dr & 79th	17	Main Street	8/28/95	NA	NA	47.6	NA	0.80	0.00	NA	NA	NA	0.00
Eggelston & 79th	18	Main Street	8/28/95	NA	NA	624	3.46	57.6	185	4.03	0.00	1.21	628
Union & 79th	19	Alley	8/28/95	NA	NA	361	NA	8.40	230	NA	NA	NA	269
Michigan & 80th	20	Side Street	8/28/95	NA	NA	222	NA	5.60	57.2	NA	NA	NA	115

NA = No analysis.

AI-109

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-47

SAMPLES 21-25 FROM AREA SIXTEEN (LOCATED BETWEEN 55TH ST., COTTAGE GROVE, 87TH ST., AND HALSTED ST.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
King Dr & 83rd	21	Main Street	8/28/95	NA	2,424	NA	NA	NA	NA	6.00	93.6	101	54,351
Vincenns & 83rd	22	Surface Soil	8/28/95	4.77	2,615	4.55	98.5	0.00	35,505	8.86	101	974	55,256
Langley Park & 85th	23	Side Street	8/28/95	NA	2,064	NA	NA	NA	NA	1.60	32.8	26.8	17,431
Indiana & 86th	24	Surface Soil	8/28/95	0.63	2,204	3.50	70.3	0.00	NA	2.56	60.2	45.4	19,455
Parnell & 86th	25	Alley	8/28/95	NA	NA	NA	NA	NA	NA	0.00	2.40	NA	NA

AI-110

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-47 (Continued)

SAMPLES 21-25 FROM AREA SIXTEEN (LOCATED BETWEEN 55TH ST., COTTAGE GROVE, 87TH ST., AND HALSTED ST.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
King Dr & 83rd	21	Main Street	8/28/95	NA	NA	656	NA	25.6	150	NA	NA	NA	397
Vincenns & 83rd	22	Surface Soil	8/28/95	NA	20,365	534	3.16	34.2	644	1.59	0.00	0.55	726
Langley Park & 85th	23	Side Street	8/28/95	NA	NA	361	NA	12.4	55.6	NA	NA	NA	188
Indiana & 86th	24	Surface Soil	8/28/95	NA	NA	986	1.31	13.0	86.7	0.84	0.00	2.30	232
Parnell & 86th	25	Alley	8/28/95	NA	NA	224	NA	1.20	NA	NA	NA	NA	NA

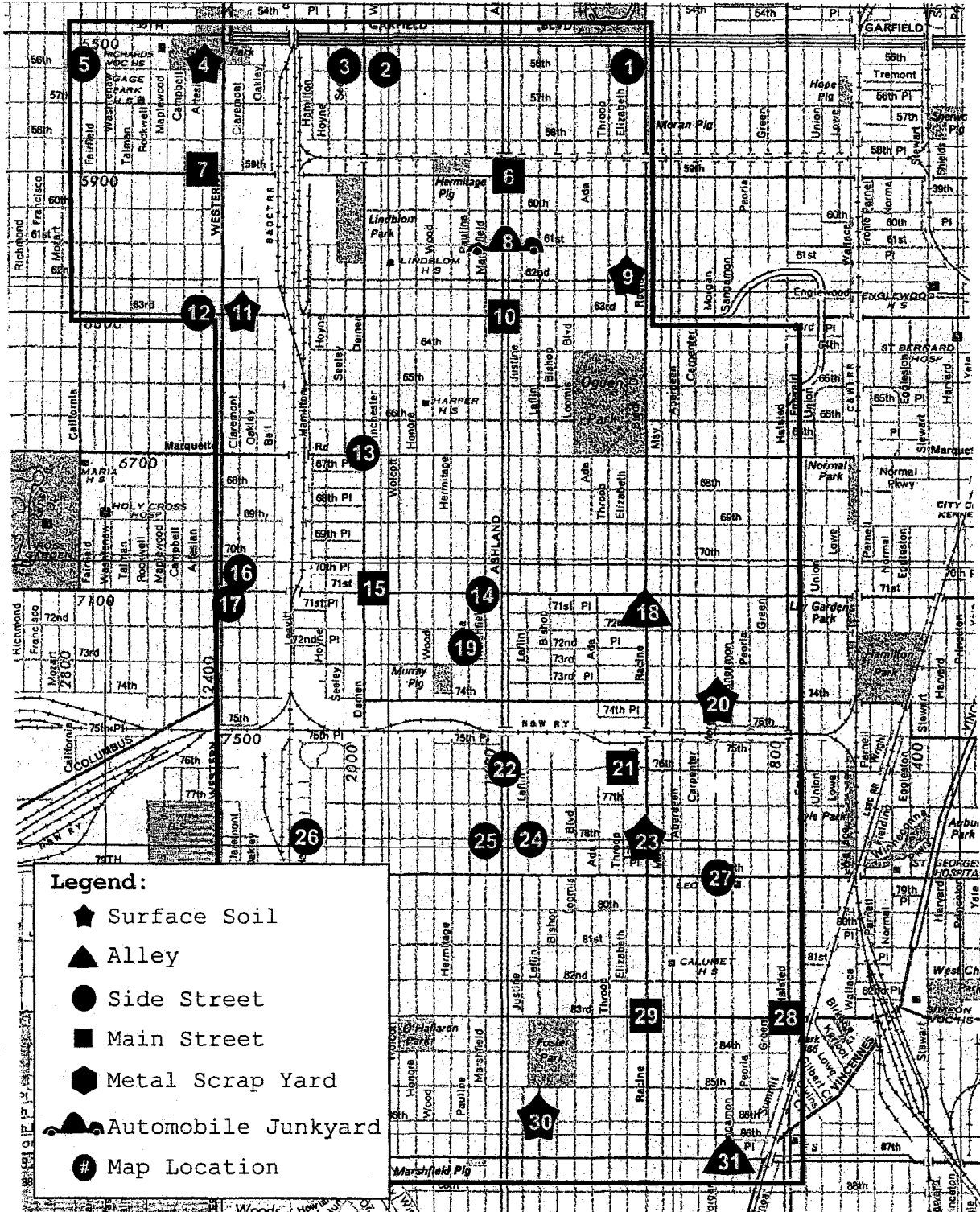
NA = No analysis.

AI-111

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-18

AREA SEVENTEEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-48

SAMPLES 1-10 FROM AREA SEVENTEEN (LOCATED BETWEEN 55TH ST., HALSTED ST., 87TH ST., AND CALIFORNIA AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Elizabeth & 56th	1	Side Street	8/4/95	NA	9,120	NA	NA	NA	NA	2.60	36.0	24.8	15,428	
Winchester & 56th	2	Side Street	8/4/95	NA	1,740	NA	NA	NA	NA	0.00	34.4	27.6	11,788	
Seeley & 56th	3	Side Street	8/4/95	NA	1,380	NA	NA	NA	NA	0.00	29.6	21.0	16,455	
Artesian & 56th	4	Surface Soil	8/4/95	0.21	2,028	3.31	38.7	0.00	NA	2.69	35.5	55.1	17,134	
California & 56th	5	Side Street	8/4/95	NA	2,072	NA	NA	NA	NA	0.00	60.0	59.0	29,215	
Ashland & 59th	6	Main Street	8/4/95	0.35	3,416	4.91	93.2	0.00	NA	3.12	43.5	124	36,153	
Artesian & 59th	7	Main Street	8/4/95	NA	2,080	NA	NA	NA	NA	4.40	73.2	132	41,815	
6149 S. Ashland	8	Auto Grave Yard	8/30/95	1.56	2,424	4.87	120	0.06	36,381	5.90	55.7	131	34,664	
Elizabeth & 62nd	9	Surface Soil	8/4/95	NA	1,780	NA	NA	NA	NA	23.4	38.0	24.4	11,948	
Ashland & 63rd	10	Main Street	8/2/95	NA	2,524	NA	NA	NA	NA	9.20	137	117	54,655	

AI-113



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-48 (Continued)

SAMPLES 1-10 FROM AREA SEVENTEEN (LOCATED BETWEEN 55TH ST., HALSTED ST., 87TH ST., AND CALIFORNIA AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Elizabeth & 56th	1	Side Street	8/4/95	NA	NA	341	NA	14.0	153	NA	NA	NA	NA
Winchester & 56th	2	Side Street	8/4/95	NA	NA	206	NA	9.60	108	NA	NA	NA	NA
Seeley & 56th	3	Side Street	8/4/95	NA	NA	288	NA	8.00	248	NA	NA	NA	171
Artesian & 56th	4	Surface Soil	8/4/95	0.03	NA	360	0.96	9.88	109	0.69	0.00	1.05	170
California & 56th	5	Side Street	8/4/95	NA	NA	323	NA	15.2	129	NA	NA	NA	344
Ashland & 59th	6	Main Street	8/4/95	0.10	NA	411	1.42	30.6	248	0.70	0.00	2.55	304
Artesian & 59th	7	Main Street	8/4/95	NA	NA	416	NA	18.8	151	NA	NA	NA	343
6149 S. Ashland	8	Auto Grave Yard	8/30/95	NA	22,500	338	2.39	23.4	449	1.45	0.00	0.61	631
Elizabeth & 62nd	9	Surface Soil	8/4/95	NA	NA	181	NA	6.40	92.0	NA	NA	NA	NA
Ashland & 63rd	10	Main Street	8/2/95	NA	NA	1,048	NA	21.2	136	NA	NA	NA	407

NA = No analysis.

AI-114

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-49

SAMPLES 11-20 FROM AREA SEVENTEEN (LOCATED BETWEEN 55TH ST., HALSTED ST., 87TH ST., AND CALIFORNIA AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Claremont & 63rd	11	Surface Soil	8/2/95	7.11	2,138	4.09	66.9	0.00	37,081	6.01	74.1	152	41,734
Artesian & 63rd	12	Side Street	8/4/95	NA	2,576	NA	NA	NA	NA	0.00	69.2	40.2	24,015
Damen & 67th	13	Side Street	8/2/95	5.71	2,262	4.08	51.5	0.00	39,707	3.71	74.8	298	28,017
Marshfield & 71st	14	Side Street	8/2/95	NA	3,680	NA	NA	NA	NA	0.00	60.0	92.6	33,895
Winchester & 71st	15	Main Street	8/4/95	NA	NA	NA	NA	NA	NA	0.00	43.6	NA	NA
Claremont & 71st	16	Side Street	8/4/95	8.77	1,976	4.10	39.8	0.00	40,685	2.90	20.8	26.3	15,447
Claremont & 71st	17	Side Street	8/2/95	NA	2,104	NA	NA	NA	NA	0.00	72.4	79.4	30,895
Racine & 71st Pl	18	Alley	8/29/95	NA	2,208	NA	NA	NA	NA	11.2	19.2	32.4	8,354
Paulina & 72nd	19	Side Street	8/4/95	NA	NA	NA	NA	NA	NA	5.80	46.4	NA	NA
Morgan & 74th	20	Surface Soil	8/29/95	NA	1,644	NA	NA	NA	NA	5.60	76.4	89.6	35,114

AI-115

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-49 (Continued)

SAMPLES 11-20 FROM AREA SEVENTEEN (LOCATED BETWEEN 55TH ST., HALSTED ST., 87TH ST., AND CALIFORNIA AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Claremont & 63rd	11	Surface Soil	8/2/95	0.08	20,212	424	1.37	23.3	168	1.23	0.00	2.13	353
Artesian & 63rd	12	Side Street	8/4/95	NA	NA	1,348	NA	10.8	180	NA	NA	NA	341
Damen & 67th	13	Side Street	8/2/95	NA	22,456	722	2.13	20.1	116	0.75	0.00	2.64	273
Marshfield & 71st	14	Side Street	8/2/95	NA	NA	420	NA	19.2	176	NA	NA	NA	336
Winchester & 71st	15	Main Street	8/4/95	NA	NA	NA	NA	12.8	115	NA	NA	NA	NA
Claremont & 71st	16	Side Street	8/4/95	NA	21,141	164	0.70	8.53	45.3	0.18	0.00	3.21	82.2
Claremont & 71st	17	Side Street	8/2/95	NA	NA	342	NA	16.4	112	NA	NA	NA	268
Racine & 71st Pl	18	Alley	8/29/95	NA	NA	362	NA	8.40	175	NA	NA	NA	318
Paulina & 72nd	19	Side Street	8/4/95	NA	NA	NA	NA	17.6	66.4	NA	NA	NA	NA
Morgan & 74th	20	Surface Soil	8/29/95	NA	NA	548	NA	21.2	205	NA	NA	NA	316

NA = No analysis.

AI-116

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-50

SAMPLES 21-31 FROM AREA SEVENTEEN (LOCATED BETWEEN 55TH ST., HALSTED ST., 87TH ST., AND CALIFORNIA AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Throop & 76th	21	Main Street	8/29/95	NA	1,184	NA	NA	NA	NA	3.60	77.2	56.4	13,234	
Ashland & 76th	22	Side Street	8/29/95	0.73	2,372	5.94	51.6	0.00	NA	4.33	51.2	902	18,666	
Racine & 78th	23	Surface Soil	8/29/95	NA	2,024	NA	NA	NA	NA	4.40	117	55.6	20,754	
Justine & 78th	24	Side Street	8/28/95	0.32	2,740	5.16	73.5	0.03	NA	1.88	38.3	32.8	18,505	
Marshfield & 78th	25	Side Street	8/4/95	NA	NA	NA	NA	NA	NA	0.00	59.2	NA	NA	
Hamilton & 78th	26	Side Street	8/4/95	NA	NA	NA	NA	NA	NA	3.00	7.60	NA	NA	
Morgan & 79th	27	Side Street	8/28/95	NA	NA	NA	NA	NA	NA	0.00	0.80	NA	NA	
Halsted & 83rd	28	Main Street	8/28/95	4.55	2,327	4.27	78.2	0.00	43,099	3.64	43.8	124	20,698	
Racine & 83rd	29	Main Street	8/28/95	NA	840	NA	NA	NA	NA	0.00	16.4	18.6	6,848	
Laflin & 86th	30	Surface Soil	8/28/95	NA	9,508	NA	NA	NA	NA	2.60	18.8	37.0	20,168	
Sangamon & 87th	31	Alley	8/28/95	NA	4,068	NA	NA	NA	NA	1.00	86.4	39.4	28,848	

AI-117

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-50 (Continued)

SAMPLES 21-31 FROM AREA SEVENTEEN (LOCATED BETWEEN 55TH ST., HALSTED ST., 87TH ST., AND CALIFORNIA AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Throop & 76th	21	Main Street	8/29/95	NA	NA	304	NA	10.0	248	NA	NA	NA	187
Ashland & 76th	22	Side Street	8/29/95	0.08	NA	765	7.66	31.9	158	1.32	0.00	3.26	269
Racine & 78th	23	Surface Soil	8/29/95	NA	NA	932	NA	20.0	113	NA	NA	NA	223
Justine & 78th	24	Side Street	8/28/95	NA	NA	457	1.06	12.9	148	0.64	0.00	1.79	191
Marshfield & 78th	25	Side Street	8/4/95	NA	NA	NA	NA	17.2	268	NA	NA	NA	NA
Hamilton & 78th	26	Side Street	8/4/95	NA	NA	NA	NA	4.80	12.0	NA	NA	NA	NA
Morgan & 79th	27	Side Street	8/28/95	NA	NA	68.20	NA	3.60	0.00	NA	NA	NA	59.2
Halsted & 83rd	28	Main Street	8/28/95	NA	29,465	548	2.00	18.9	213	1.00	0.00	2.87	473
Racine & 83rd	29	Main Street	8/28/95	NA	NA	132	NA	8.80	42.8	NA	NA	NA	155
Laflin & 86th	30	Surface Soil	8/28/95	NA	NA	339	NA	21.6	155	NA	NA	NA	452
Sangamon & 87th	31	Alley	8/28/95	NA	NA	1,654	NA	16.8	166	NA	NA	NA	262

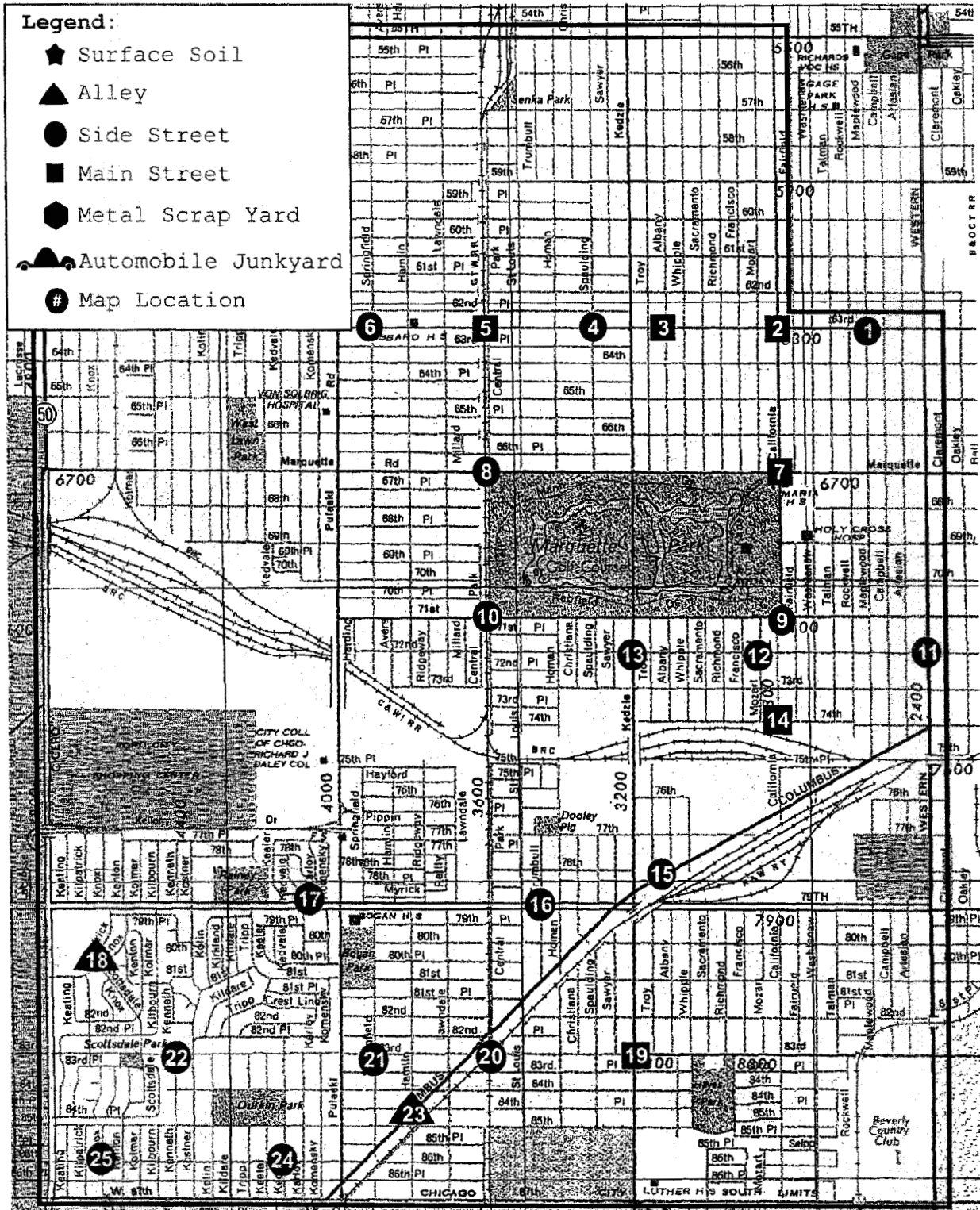
NA = No analysis.

AI-118

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-19

AREA EIGHTEEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-51

SAMPLES 1-10 FROM AREA EIGHTEEN (LOCATED BETWEEN 55TH ST., WESTERN AVE., 87TH ST., AND  
CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
----- mg/Kg -----													
Maplewood & 63rd	1	Side Street	8/2/95	14.4	2,208	3.94	119	0.00	36,822	7.6	64.1	109	28,424
California & 63rd	2	Main Street	8/2/95	NA	NA	NA	NA	NA	NA	13.2	69.6	NA	NA
Albany & 63rd	3	Main Street	8/2/95	NA	NA	NA	NA	NA	NA	2.80	44.4	NA	NA
Spaulding & 63rd	4	Side Street	8/2/95	NA	1,688	NA	NA	NA	NA	3.60	85.2	128	25,758
Central Pk & 63rd	5	Main Street	8/2/95	NA	1,976	NA	NA	NA	NA	3.20	94.0	113	27,718
Springfield & 63rd	6	Side Street	8/2/95	NA	1,992	NA	NA	NA	NA	2.40	48.8	93.2	20,678
California & 67th	7	Main Street	8/2/95	7.57	2,270	4.36	67.4	0.00	37,462	7.21	58.9	109	46,870
Central Pk & 67th	8	Side Street	8/2/95	16.6	6,267	33.5	69.7	0.23	31,394	6.36	20.2	49.7	18,780
California & 71st	9	Side Street	8/2/95	NA	NA	NA	NA	NA	NA	4.80	79.2	NA	NA
Central Pk & 71st	10	Side Street	8/2/95	NA	2,148	NA	NA	NA	NA	7.60	75.2	74.0	26,478

AI-120

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-51 (Continued)

SAMPLES 1-10 FROM AREA EIGHTEEN (LOCATED BETWEEN 55TH ST., WESTERN AVE., 87TH ST., AND  
CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Maplewood & 63rd	1	Side Street	8/2/95	NA	19,539	302	1.25	19.6	799	1.57	0.00	2.17	372
California & 63rd	2	Main Street	8/2/95	NA	NA	NA	NA	17.2	180	NA	NA	NA	NA
Albany & 63rd	3	Main Street	8/2/95	NA	NA	NA	NA	11.2	145	NA	NA	NA	NA
Spaulding & 63rd	4	Side Street	8/2/95	NA	NA	360	NA	18.4	210	NA	NA	NA	364
Central Pk & 63rd	5	Main Street	8/2/95	NA	NA	404	NA	34.0	266	NA	NA	NA	357
Springfield & 63rd	6	Side Street	8/2/95	NA	NA	367	NA	13.2	113	NA	NA	NA	244
California & 67th	7	Main Street	8/2/95	0.19	20,784	404	1.03	22.0	150	1.26	0.00	2.23	456
Central Pk & 67th	8	Side Street	8/2/95	NA	15,297	407	1.09	17.9	323	0.12	0.00	1.47	599
California & 71st	9	Side Street	8/2/95	NA	NA	NA	NA	24.4	125	NA	NA	NA	NA
Central Pk & 71st	10	Side Street	8/2/95	NA	NA	492	NA	17.2	74.8	NA	NA	NA	353

NA = No analysis.

AI-121



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-52

SAMPLES 11-20 FROM AREA EIGHTEEN (LOCATED BETWEEN 55TH ST., WESTERN AVE., 87TH ST., AND  
CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Western & 72nd	11	Side Street	8/4/95	NA	5,880	NA	NA	NA	NA	0.00	23.6	15.8	17,375
Mozart & 72nd	12	Side Street	8/4/95	NA	1,868	NA	NA	NA	NA	0.00	48.8	11.4	19,135
Troy & 72nd	13	Side Street	8/4/95	NA	1,556	NA	NA	NA	NA	0.00	50.4	22.2	20,935
California & 74th	14	Main Street	8/4/95	NA	1,500	NA	NA	NA	NA	0.00	28.8	2.60	6,095
SW Hwy & 78th	15	Side Street	8/4/95	0.27	2,268	5.35	32.8	0.00	NA	1.42	16.0	22.2	9,369
Trumbull & 79th	16	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	5.20	53.2	NA	NA
Karlov & 79th	17	Side Street	7/24/95	0.35	NA	3.91	51.9	0.00	NA	2.96	68.1	75.3	23,570
Knox & Kilpatrick	18	Alley	7/24/95	NA	NA	NA	NA	NA	NA	2.80	37.2	NA	NA
Kedzie & 83rd	19	Main Street	7/24/95	NA	NA	NA	NA	NA	NA	4.00	82.0	NA	NA
Central Pk & 83rd	20	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	2.40	41.2	NA	NA

AI-122

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-52 (Continued)

SAMPLES 11-20 FROM AREA EIGHTEEN (LOCATED BETWEEN 55TH ST., WESTERN AVE., 87TH ST., AND  
CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Western & 72nd	11	Side Street	8/4/95	NA	NA	468	NA	12.4	50.0	NA	NA	NA	146
Mozart & 72nd	12	Side Street	8/4/95	NA	NA	964	NA	17.6	42.0	NA	NA	NA	132
Troy & 72nd	13	Side Street	8/4/95	NA	NA	444	NA	21.2	85.2	NA	NA	NA	127
California & 74th	14	Main Street	8/4/95	NA	NA	676	NA	3.20	24.8	NA	NA	NA	53.4
SW Hwy & 78th	15	Side Street	8/4/95	0.03	NA	368	0.27	6.00	81.1	0.63	0.00	4.57	87.5
Trumbull & 79th	16	Side Street	7/24/95	NA	NA	NA	NA	17.2	104	NA	NA	NA	NA
Karlov & 79th	17	Side Street	7/24/95	NA	NA	511	1.14	14.4	93.6	1.18	0.00	3.35	275
Knox & Kilpatrick	18	Alley	7/24/95	NA	NA	NA	NA	8.80	140	NA	NA	NA	NA
Kedzie & 83rd	19	Main Street	7/24/95	NA	NA	NA	NA	14.8	124	NA	NA	NA	NA
Central Pk & 83rd	20	Side Street	7/24/95	NA	NA	NA	NA	13.2	70.8	NA	NA	NA	NA

NA = No analysis.

AI-123

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-53

SAMPLES 21-25 FROM AREA EIGHTEEN (LOCATED BETWEEN 55TH ST., WESTERN AVE., 87TH ST., AND  
CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Springfield & 83rd	21	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	6.40	67.2	NA	NA
Kenneth & 83rd	22	Side Street	7/24/95	1.71	2,813	3.14	45.3	0.00	38,189	4.92	79.0	28.2	17,054
Hamlin & 84th	23	Alley	7/24/95	NA	NA	NA	NA	NA	NA	7.20	11.2	NA	NA
Kedvale & 86th	24	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	1.20	26.0	NA	NA
Knox & 86th	25	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	8.00	45.6	NA	NA

AI-124

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-53 (Continued)

SAMPLES 21-25 FROM AREA EIGHTEEN (LOCATED BETWEEN 55TH ST., WESTERN AVE., 87TH ST., AND  
CICERO AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Springfield & 83rd	21	Side Street	7/24/95	NA	NA	NA	NA	11.6	78.4	NA	NA	NA	NA
Kenneth & 83rd	22	Side Street	7/24/95	NA	24,313	817	2.19	11.1	131	0.75	0.00	2.25	2,003
Hamlin & 84th	23	Alley	7/24/95	NA	NA	NA	NA	5.20	41.6	NA	NA	NA	NA
Kedvale & 86th	24	Side Street	7/24/95	NA	NA	NA	NA	6.80	48.0	NA	NA	NA	NA
Knox & 86th	25	Side Street	7/24/95	NA	NA	NA	NA	8.00	52.0	NA	NA	NA	NA

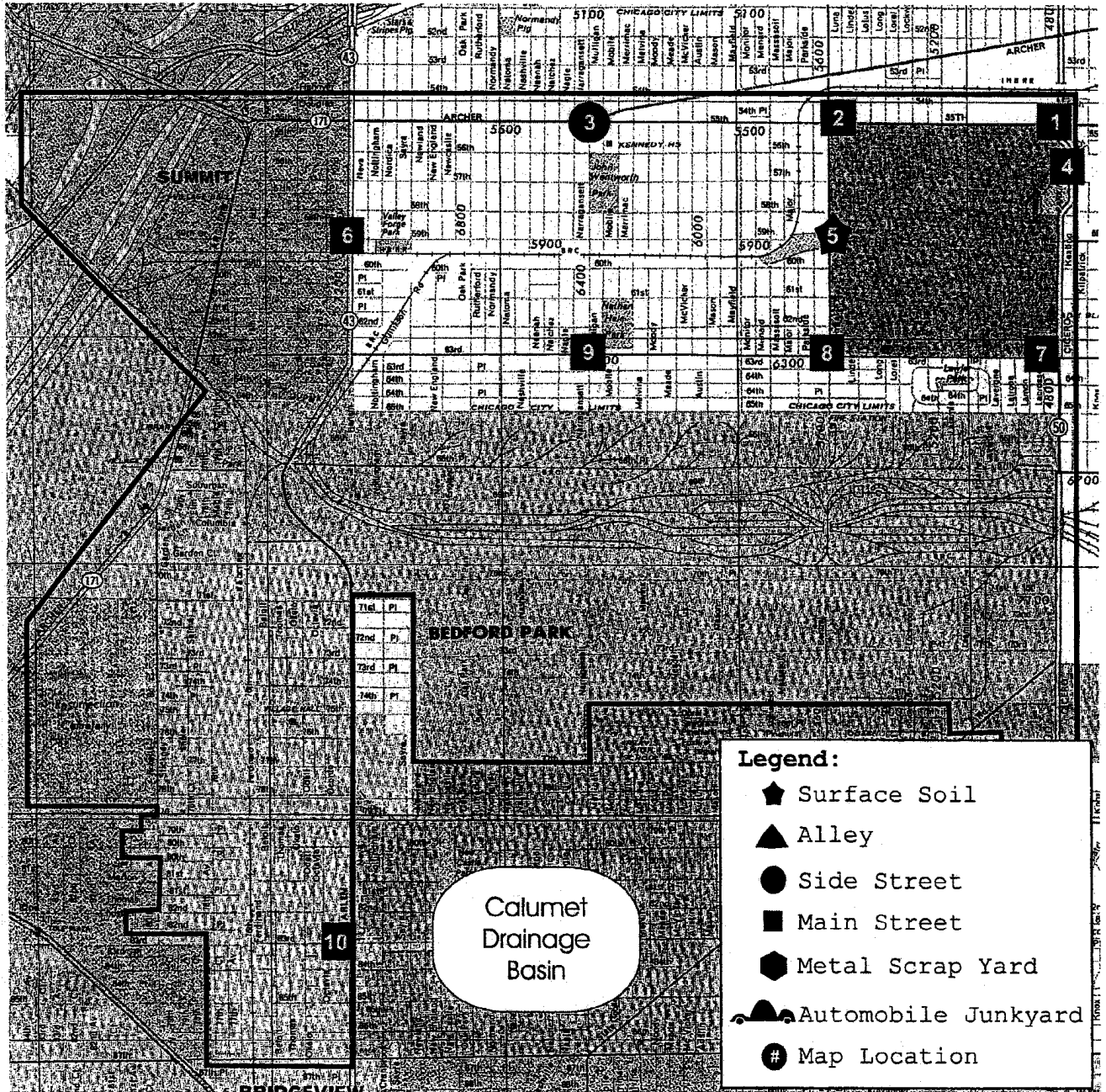
NA = No analysis.

AI-125

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-20

AREA NINETEEN OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-54

SAMPLES 1-10 FROM AREA NINETEEN (LOCATED BETWEEN 55TH ST., CICERO AVE., 87TH ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Cicero & 55th	1	Main Street	8/9/95	NA	2,584	NA	NA	NA	NA	4.80	118	385	42,078
Luna & 55th	2	Main Street	8/9/95	NA	2,528	NA	NA	NA	NA	3.20	74.0	204	23,598
Mulligan & 55th	3	Side Street	8/9/95	NA	3,724	NA	NA	NA	NA	6.00	70.0	87.2	17,108
Cicero & 56th	4	Main Street	8/9/95	NA	2,128	NA	NA	NA	NA	3.20	69.6	452	18,598
Central & 59th	5	Surface Soil	8/9/95	0.19	1,484	23.8	27.0	0.00	NA	1.53	23.2	50.8	5,105
Harlem & 59th	6	Main Street	8/9/95	NA	2,912	NA	NA	NA	NA	6.80	88.4	227	32,468
LaCrosse & 63rd	7	Main Street	8/9/95	NA	1,800	NA	NA	NA	NA	0.80	23.6	92.4	10,718
Central & 63rd	8	Main Street	8/9/95	NA	2,380	NA	NA	NA	NA	2.40	15.6	26.0	8,278
Mulligan & 63rd	9	Main Street	8/9/95	NA	1,568	NA	NA	NA	NA	4.00	44.0	78.4	25,188
Harlem & 83rd	10	Main Street	8/9/95	1.75	3,845	4.40	71.00	NA	77,338	2.60	56.9	90	26,420

AI-127

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-54 (Continued)

SAMPLES 1-10 FROM AREA NINETEEN (LOCATED BETWEEN 55TH ST., CICERO AVE., 87TH ST., AND HARLEM AVE.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Cicero & 55th	1	Main Street	8/9/95	NA	NA	592	NA	52.4	245	NA	NA	NA	652
Luna & 55th	2	Main Street	8/9/95	NA	NA	322	NA	20.4	162	NA	NA	NA	329
Mulligan & 55th	3	Side Street	8/9/95	NA	NA	301	NA	14.8	265	NA	NA	NA	302
Cicero & 56th	4	Main Street	8/9/95	NA	NA	460	NA	30.8	98.4	NA	NA	NA	512
Central & 59th	5	Surface Soil	8/9/95	0.05	NA	164	0.90	6.77	37.5	0.78	0.00	2.06	145
Harlem & 59th	6	Main Street	8/9/95	NA	NA	916	NA	17.2	102	NA	NA	NA	462
LaCrosse & 63rd	7	Main Street	8/9/95	NA	NA	235	NA	12.4	67.2	NA	NA	NA	161
Central & 63rd	8	Main Street	8/9/95	NA	NA	191	NA	5.60	60.0	NA	NA	NA	132
Mulligan & 63rd	9	Main Street	8/9/95	NA	NA	264	NA	12.8	51.2	NA	NA	NA	196
Harlem & 83rd	10	Main Street	8/9/95	NA	41,338	413	0.00	26.1	135	2.00	0.00	0.00	451

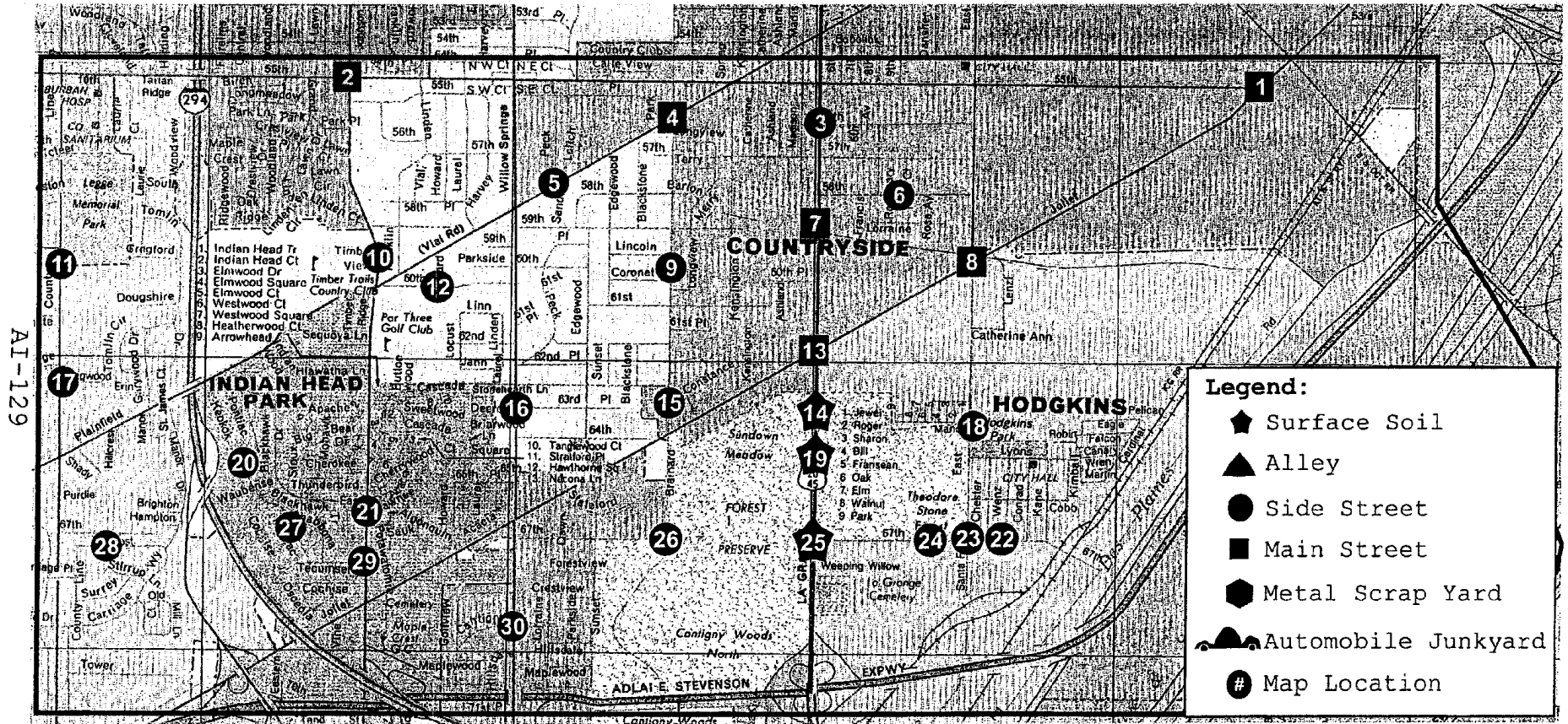
NA = No analysis.

AI-128

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-21

AREA TWENTY OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY (ALL SAMPLES IN THE SEPARATE SEWER SYSTEM)





METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-55

SAMPLES 1-10 FROM AREA TWENTY (LOCATED BETWEEN 55TH ST., 1ST AVE., 71ST ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Joliet Rd & 55th St	1	Main Street	8/10/95	NA	1,644	NA	NA	NA	NA	0.00	16.0	13.6	15,155
Wolf & 55th	2	Main Street	8/10/95	NA	2,396	NA	NA	NA	NA	2.80	64.0	65.6	27,438
LaGrange Rd & 56th	3	Side Street	8/10/95	NA	2,996	NA	NA	NA	NA	3.00	171	100	53,915
Brainard & Plainfield	4	Main Street	8/10/95	NA	2,836	NA	NA	NA	NA	0.20	74.4	84.8	24,955
Peck & Plainfield	5	Side Street	8/10/95	NA	3,648	NA	NA	NA	NA	1.00	43.6	40.4	14,315
Rose Ct & 58th	6	Side Street	8/10/95	NA	1,936	NA	NA	NA	NA	0.60	36.4	31.6	7,995
LaGrange Rd & 59th	7	Main Street	8/10/95	NA	2,376	NA	NA	NA	NA	0.60	59.2	302	23,395
East & Joliet	8	Main Street	8/10/95	NA	5,640	NA	NA	NA	NA	2.20	21.6	34.8	12,075
Brainard & 60th	9	Side Street	8/10/95	NA	904	NA	NA	NA	NA	0.00	13.2	6.00	3,943
Wolf & Timberview	10	Side Street	8/10/95	NA	6,200	NA	NA	NA	NA	0.80	12.4	20.0	6,478

AI-130

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-55 (Continued)

SAMPLES 1-10 FROM AREA TWENTY (LOCATED BETWEEN 55TH ST., 1ST AVE., 71ST ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Joliet Rd & 55th St	1	Main Street	8/10/95	NA	NA	204	NA	6.80	41.2	NA	NA	NA	64.6
Wolf & 55th	2	Main Street	8/10/95	NA	NA	286	NA	12.4	117	NA	NA	NA	393
LaGrange Rd & 56th	3	Side Street	8/10/95	NA	NA	1,588	NA	32.8	179	NA	NA	NA	304
Brainard & Plainfield	4	Main Street	8/10/95	NA	NA	282	NA	16.0	71.2	NA	NA	NA	357
Peck & Plainfield	5	Side Street	8/10/95	NA	NA	291	NA	12.8	122	NA	NA	NA	210
Rose Ct & 58th	6	Side Street	8/10/95	NA	NA	204	NA	11.20	50.0	NA	NA	NA	204
LaGrange Rd & 59th	7	Main Street	8/10/95	NA	NA	394	NA	12.0	94.8	NA	NA	NA	217
East & Joliet	8	Main Street	8/10/95	NA	NA	564	NA	8.40	42.0	NA	NA	NA	373
Brainard & 60th	9	Side Street	8/10/95	NA	NA	158	NA	3.60	26.4	NA	NA	NA	77.0
Wolf & Timberview	10	Side Street	8/10/95	NA	NA	548	NA	5.60	8.80	NA	NA	NA	49.2

NA = No analysis.

AI-131

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-56

SAMPLES 11-20 FROM AREA TWENTY (LOCATED BETWEEN 55TH ST., 1ST AVE., 71ST ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
County Line & Laurie	11	Side Street	8/10/95	NA	1,632	NA	NA	NA	NA	0.40	21.6	17.6	10,358
Howard & 60th	12	Side Street	8/10/95	NA	1,196	NA	NA	NA	NA	0.00	13.2	13.2	7,878
LaGrange Rd & Joliet	13	Main Street	8/10/95	NA	3,528	NA	NA	NA	NA	0.00	51.2	88.4	27,875
LaGrange Rd & 63rd	14	Surface Soil	8/10/95	8.64	2,501	3.70	67.6	0.04	34,003	4.69	96.6	68.8	11,026
Brainard & 63rd	15	Side Street	8/10/95	NA	2,924	NA	NA	NA	NA	0.00	11.2	14.8	4,475
Willow Springs & 63rd	16	Side Street	8/10/95	NA	34.00	NA	NA	NA	NA	0.00	23.2	9.20	7,395
County Line & Longwood	17	Side Street	8/10/95	NA	1,876	NA	NA	NA	NA	0.40	10.0	9.60	5,278
East & Mance	18	Side Street	8/10/95	NA	1,088	NA	NA	NA	NA	0.00	20.0	4.40	6,395
LaGrange Rd & 64th	19	Surface Soil	8/10/95	NA	2,732	NA	NA	NA	NA	1.00	120	45.2	39,035
Pontiac Rd & Keokuk	20	Side Street	8/10/95	NA	NA	NA	NA	NA	NA	0.80	10.0	NA	NA

AI-132

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-56 (Continued)

SAMPLES 11-20 FROM AREA TWENTY (LOCATED BETWEEN 55TH ST., 1ST AVE., 71ST ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
County Line & Laurie	11	Side Street	8/10/95	NA	NA	202	NA	5.20	24.0	NA	NA	NA	80.8
Howard & 60th	12	Side Street	8/10/95	NA	NA	196	NA	4.40	0.00	NA	NA	NA	64.4
LaGrange Rd & Joliet	13	Main Street	8/10/95	NA	NA	540	NA	14.40	68.8	NA	NA	NA	189
LaGrange Rd & 63rd	14	Surface Soil	8/10/95	NA	19,926	204	1.16	14.4	335	1.08	0.00	2.37	249
Brainard & 63rd	15	Side Street	8/10/95	NA	NA	416	NA	2.80	17.2	NA	NA	NA	50.2
Willow Springs & 63rd	16	Side Street	8/10/95	NA	NA	668	NA	6.00	33.2	NA	NA	NA	79.40
County Line & Longwood	17	Side Street	8/10/95	NA	NA	256	NA	4.80	27.6	NA	NA	NA	62.4
East & Mance	18	Side Street	8/10/95	NA	NA	257	NA	4.80	41.6	NA	NA	NA	87.8
LaGrange Rd & 64th	19	Surface Soil	8/10/95	NA	NA	1,588	NA	14.0	55.6	NA	NA	NA	308
Pontiac Rd & Keokuk	20	Side Street	8/10/95	NA	NA	NA	NA	4.40	17.2	NA	NA	NA	NA

NA = No analysis.

AI-133

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-57

SAMPLES 21-30 FROM AREA TWENTY (LOCATED BETWEEN 55TH ST., 1ST AVE., 71ST ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Wolf & Algonquin Dr	21	Side Street	8/10/95	NA	NA	NA	NA	NA	NA	0.80	9.20	NA	NA
Chester & 67th	22	Side Street	8/10/95	NA	2,836	NA	NA	NA	NA	1.80	20.4	26.0	12,515
Santa Fe & 67th	23	Side Street	8/10/95	NA	2,436	NA	NA	NA	NA	0.00	18.8	27.2	14,595
Bill & 67th	24	Side Street	8/10/95	NA	1,504	NA	NA	NA	NA	0.00	20.4	33.6	11,475
LaGrange Rd & 67th	25	Surface Soil	8/10/95	NA	1,284	NA	NA	NA	NA	3.40	14.8	26.0	6,755
Brainard & 67th	26	Side Street	8/10/95	NA	1,512	NA	NA	NA	NA	0.00	9.20	17.2	6,515
Pontiac Rd & Shabbona	27	Side Street	8/10/95	NA	NA	NA	NA	NA	NA	0.40	7.60	NA	NA
Post Rd & Stirup Ln	28	Side Street	8/10/95	NA	NA	NA	NA	NA	NA	1.60	5.60	NA	NA
Chochise & Tecumsch	29	Side Street	8/10/95	NA	NA	NA	NA	NA	NA	3.20	32.8	NA	NA
Willow Springs & Cantigray	30	Side Street	8/10/95	NA	1,348	NA	NA	NA	NA	2.60	22.4	25.6	6,435

AI-134

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-57 (Continued)

SAMPLES 21-30 FROM AREA TWENTY (LOCATED BETWEEN 55TH ST., 1ST AVE., 71ST ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Wolf & Algonquin Dr	21	Side Street	8/10/95	NA	NA	NA	NA	7.60	7.20	NA	NA	NA	NA
Chester & 67th	22	Side Street	8/10/95	NA	NA	288	NA	7.60	39.2	NA	NA	NA	156
Santa Fe & 67th	23	Side Street	8/10/95	NA	NA	325	NA	8.48	32.8	NA	NA	NA	173
Bill & 67th	24	Side Street	8/10/95	NA	NA	233	NA	10.8	27.6	NA	NA	NA	153
LaGrange Rd & 67th	25	Surface Soil	8/10/95	NA	NA	242	NA	8.40	48.4	NA	NA	NA	137
Brainard & 67th	26	Side Street	8/10/95	NA	NA	228	NA	7.60	6.00	NA	NA	NA	97.0
Pontiac Rd & Shabbona	27	Side Street	8/10/95	NA	NA	NA	NA	7.20	7.60	NA	NA	NA	NA
Post Rd & Stirup Ln	28	Side Street	8/10/95	NA	NA	NA	NA	4.40	10.4	NA	NA	NA	NA
Chochise & Tecumsch	29	Side Street	8/10/95	NA	NA	NA	NA	6.40	52.4	NA	NA	NA	NA
Willow Springs & Cantigray	30	Side Street	8/10/95	NA	NA	186	NA	6.00	26.0	NA	NA	NA	115

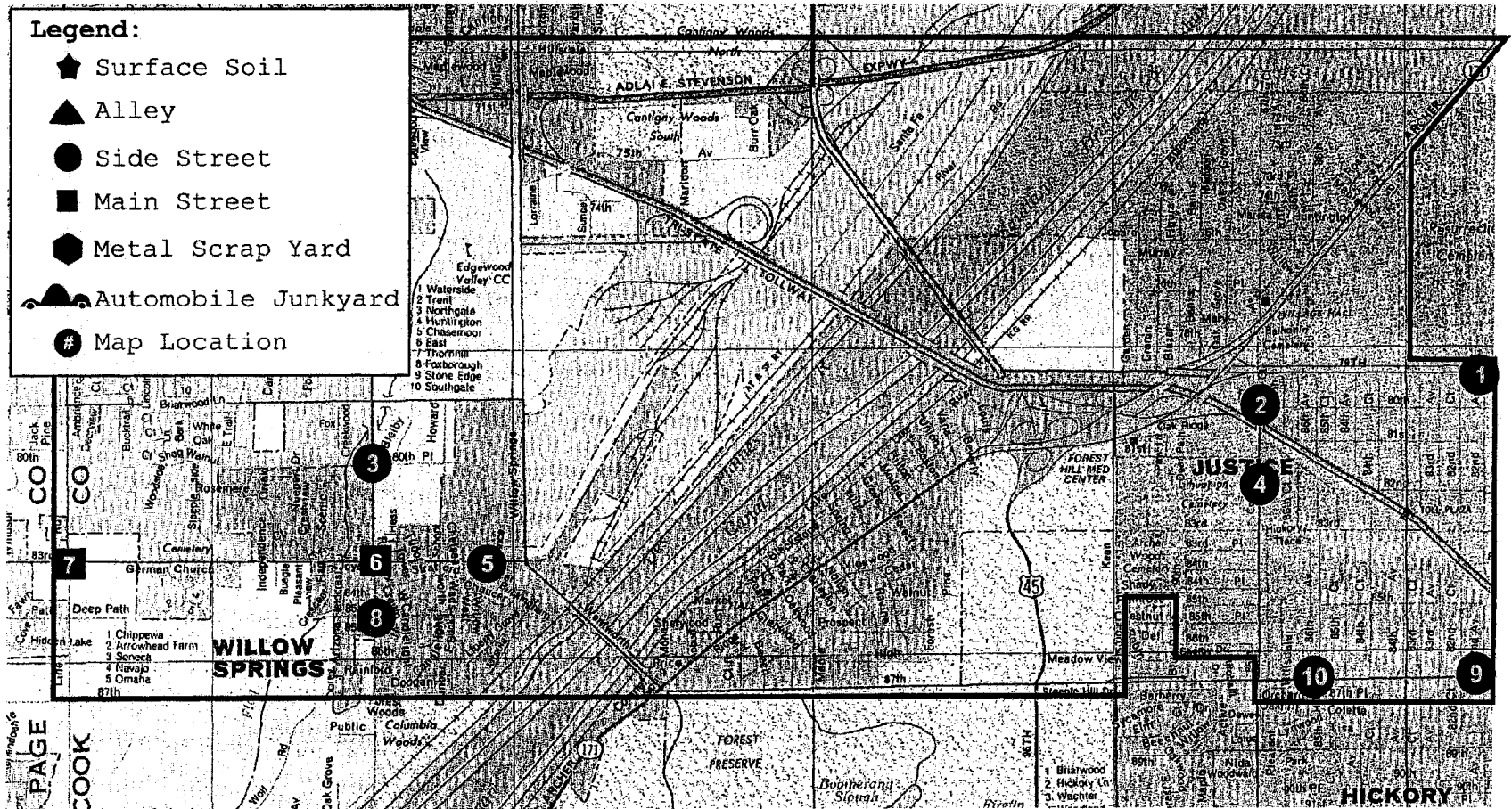
NA = No analysis.

AI-135

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AI-22

AREA TWENTY-ONE OF THE STICKNEY DRAINAGE BASIN STREET DUST STUDY (ALL SAMPLES IN THE SEPARATE SEWER SYSTEM)



AI-136

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-58

SAMPLES 1-10 FROM AREA TWENTY-ONE (LOCATED BETWEEN 71ST ST., 83RD AVE., 87TH ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
82nd Pl & 79th	1	Side Street	7/14/95	NA	2,996	NA	NA	NA	NA	3.00	171	100	53,915
87th & 80th Pl	2	Side Street	7/14/95	NA	1,936	NA	NA	NA	NA	0.60	36.4	31.6	7,995
Wolf & 80th	3	Side Street	7/14/95	NA	2,836	NA	NA	NA	NA	0.20	74.4	84.8	24,955
87th & 82nd Ave	4	Side Street	7/14/95	NA	1,088	NA	NA	NA	NA	0.00	20.0	4.40	6,395
Willow West & German Ch	5	Side Street	7/14/95	NA	6,200	NA	NA	NA	NA	0.80	12.4	20.0	6,478
Wolf & German Ch	6	Main Street	7/14/95	NA	904	NA	NA	NA	NA	0.00	13.2	6.00	3,943
County Line & German Ch	7	Main Street	7/14/95	NA	2,376	NA	NA	NA	NA	0.60	59.2	302	23,395
Wolf & 85th	8	Side Street	7/14/95	NA	2,924	NA	NA	NA	NA	0.00	11.2	14.8	4,475
82nd Pl & 87th	9	Side Street	7/14/95	NA	1,644	NA	NA	NA	NA	0.00	16.0	13.6	15,155
86th Pl & 87th	10	Side Street	7/14/95	NA	3,528	NA	NA	NA	NA	0.00	51.2	88.4	27,875

AI-137



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AI-58 (Continued)

SAMPLES 1-10 FROM AREA TWENTY-ONE (LOCATED BETWEEN 71ST ST., 83RD AVE., 87TH ST., AND COUNTY LINE RD.) COLLECTED IN 1995 FROM THE STICKNEY DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
82nd Pl & 79th	1	Side Street	7/14/95	NA	NA	1,588	NA	32.8	179	NA	NA	NA	304
87th & 80th Pl	2	Side Street	7/14/95	NA	NA	204	NA	11.2	50.0	NA	NA	NA	204
Wolf & 80th	3	Side Street	7/14/95	NA	NA	282	NA	16.0	71.2	NA	NA	NA	357
87th & 82nd Ave	4	Side Street	7/14/95	NA	NA	257	NA	4.80	41.6	NA	NA	NA	87.8
Willow West & German Ch	5	Side Street	7/14/95	NA	NA	548	NA	5.60	8.80	NA	NA	NA	49.2
Wolf & German Ch	6	Main Street	7/14/95	NA	NA	158	NA	3.60	26.4	NA	NA	NA	77.0
County Line & German Ch	7	Main Street	7/14/95	NA	NA	394	NA	12.0	94.8	NA	NA	NA	217
Wolf & 85th	8	Side Street	7/14/95	NA	NA	416	NA	2.80	17.2	NA	NA	NA	50.2
82nd Pl & 87th	9	Side Street	7/14/95	NA	NA	204	NA	6.80	41.2	NA	NA	NA	64.6
86th Pl & 87th	10	Side Street	7/14/95	NA	NA	540	NA	14.4	68.8	NA	NA	NA	189

NA = No analysis.

AI-138

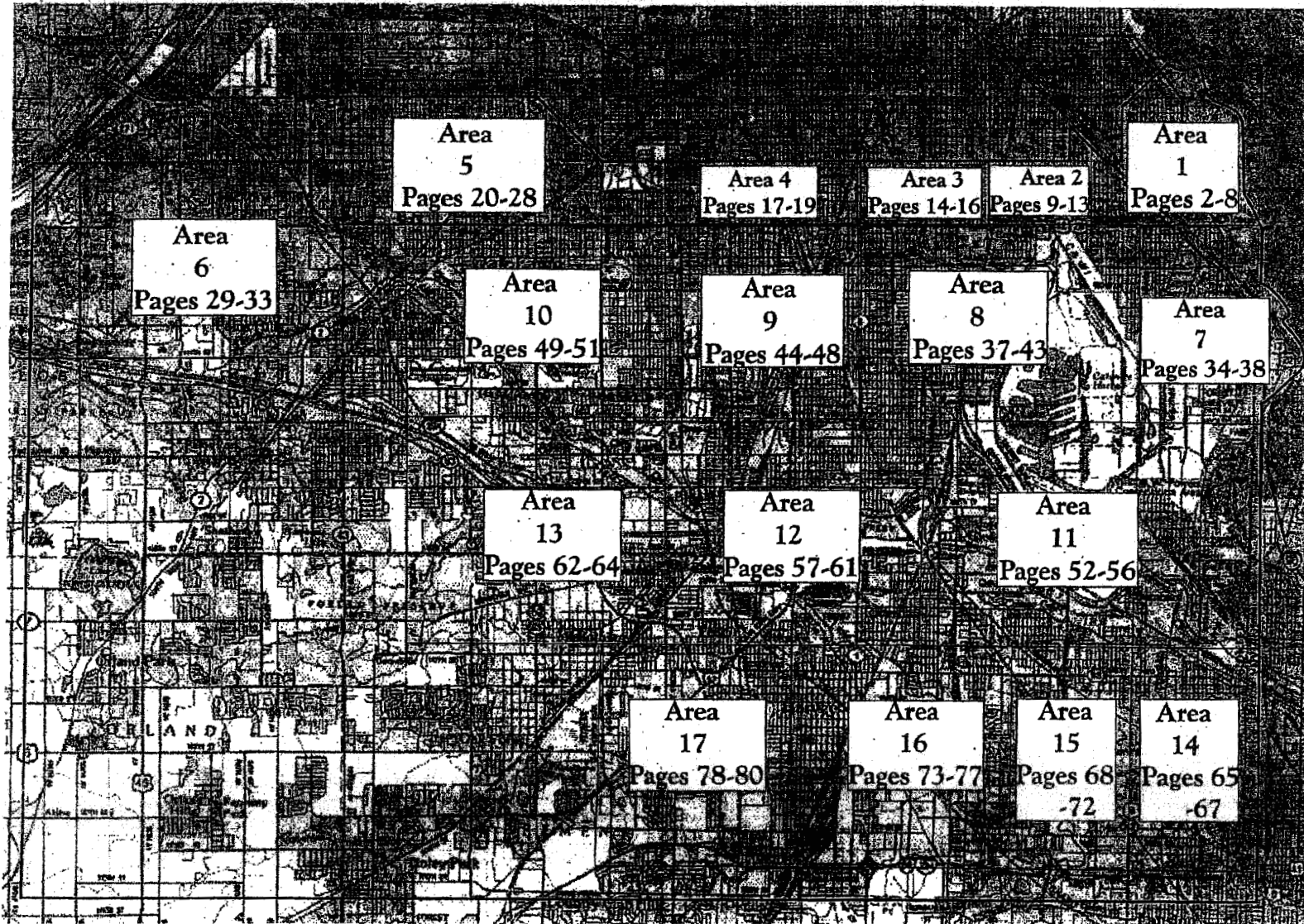
APPENDIX II

CALUMET WRP STREET DUST AND SURFACE SOIL DATA

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-1

OVERVIEW MAP OF THE CALUMET DRAINAGE BASIN SAMPLED IN THE STREET DUST STUDY OF 1995 AND 1998 AND LOCATION OF AREAS

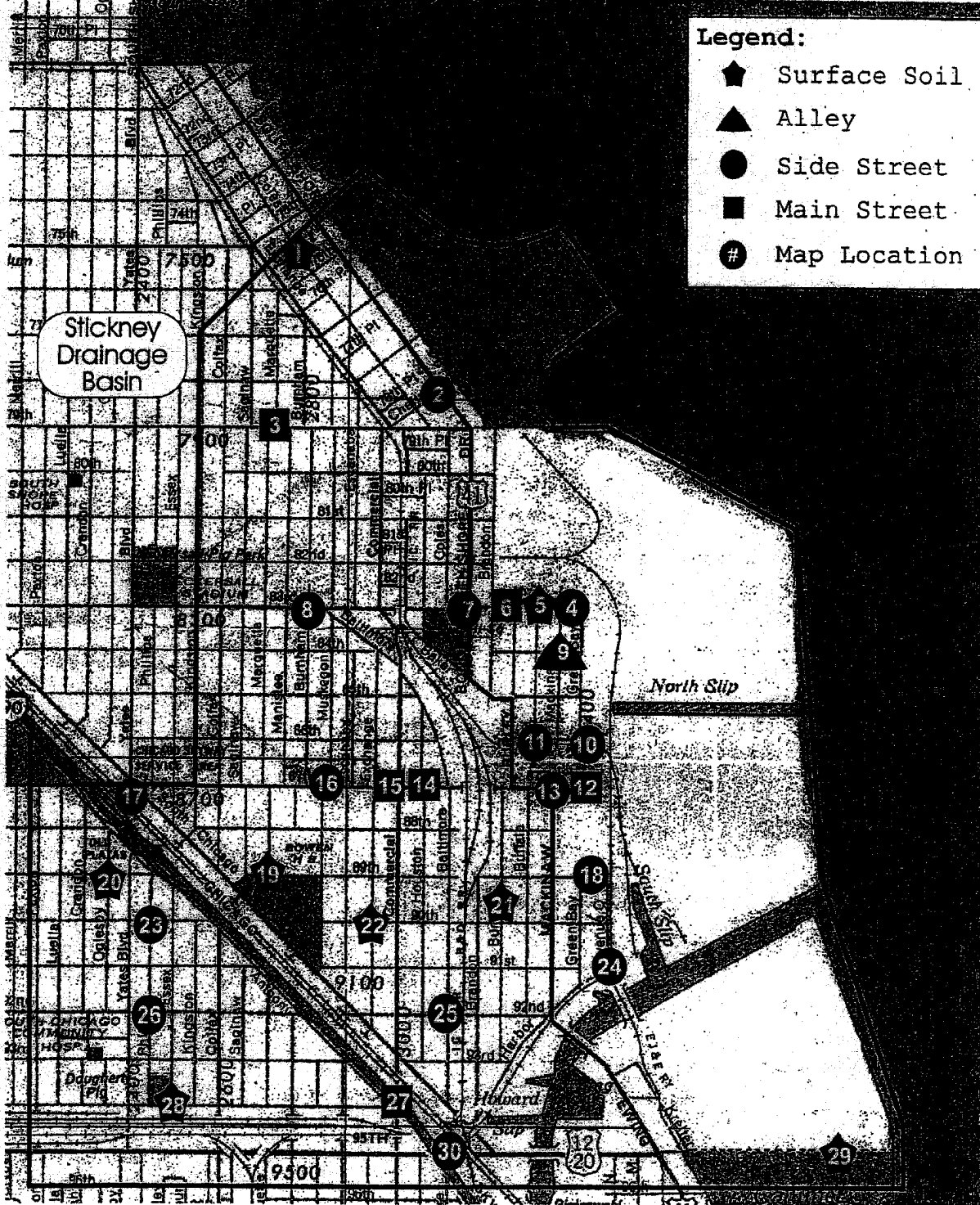


AII-1

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII - 2

AREA ONE OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-1

SAMPLES 1-10 FROM AREA ONE (LOCATED BETWEEN THE LAKE, 95TH ST., YATES BLVD., AND 79TH ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
2772 E 75th	1	Surface Soil	7/20/98	0.23	NA	3.20	19.7	0.00	NA	0.69	3.62	4.33	3,921	
3117 E. Cheltenham	2	Side Street	7/20/98	0.38	NA	4.07	81.0	0.19	NA	2.28	21.5	38.1	13,786	
Marquette & 79th	3	Main Street	7/9/95	NA	NA	NA	NA	NA	NA	0.00	71.6	NA	NA	
3345 E. 83rd	4	Surface Soil	7/20/98	0.37	NA	5.96	49.8	0.11	NA	1.94	17.1	26.8	12,751	
Mackinaw & 83rd	5	Side Street	7/9/95	1.76	3,921	4.55	76.3	0.00	43,802	2.60	167	74.2	28,759	
Burley & 83rd	6	Main Street	7/9/95	6.98	5,187	0.76	79.2	0.15	49,080	3.47	277	53.0	35,530	
South Shore Dr & 83rd	7	Side Street	7/9/95	1.32	3,291	3.62	80.7	0.00	39,891	2.08	51.4	108	20,352	
Burnham & 83rd	8	Side Street	7/9/95	8.26	3,287	5.79	122	0.00	43,527	2.99	52.5	88.1	20,948	
Mackinaw & 84th	9	Alley	7/9/95	10.9	3,849	3.83	131	0.00	28,700	2.88	54.1	51.1	17,622	
Greenbay & 86th	10	Side Street	7/9/95	5.16	8,380	1.40	90.0	0.00	47,721	3.60	495	62.5	40,871	

AII-3

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-1 (Continued)

SAMPLES 1-10 FROM AREA ONE (LOCATED BETWEEN THE LAKE, 95TH ST., YATES BLVD., AND 79TH ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
2772 E 75th	1	Surface Soil	7/20/98	0.02	NA	153	0.00	3.03	10.7	0.07	0.00	0.26	33.3
3117 E. Cheltenham	2	Side Street	7/20/98	0.13	NA	442	0.83	13.1	116	0.35	0.00	0.00	283
Marquette & 79th	3	Main Street	7/9/95	NA	NA	NA	NA	16.4	207	NA	NA	NA	NA
3345 E. 83rd	4	Surface Soil	7/20/98	0.08	NA	455	0.91	9.99	98.1	0.23	0.00	0.22	250
Mackinaw & 83rd	5	Side Street	7/9/95	NA	26,336	>1200	8.71	40.0	354	1.27	0.00	2.40	398
Burley & 83rd	6	Main Street	7/9/95	NA	14,470	>1200	5.82	65.1	306	1.73	0.00	3.57	244
South Shore Dr & 83rd	7	Side Street	7/9/95	NA	20,946	676	1.59	25.8	1,003	0.39	0.00	2.06	356
Burnham & 83rd	8	Side Street	7/9/95	NA	23,779	1,044	1.34	16.8	339	0.59	0.00	2.67	439
Mackinaw & 84th	9	Alley	7/9/95	NA	14,190	1,108	1.76	11.6	341	0.72	0.00	1.35	422
Greenbay & 86th	10	Side Street	7/9/95	NA	22,017	>1200	5.06	21.6	88.7	2.82	0.00	3.33	256

NA = No analysis.

AII-4

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-2

SAMPLES 11-20 FROM AREA ONE (LOCATED BETWEEN THE LAKE, 95TH ST., YATES BLVD., AND 79TH ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg									
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Buffalo & 86th	11	Side Street	7/9/95	9.77	8,093	2.83	82.5	0.00	48,549	4.30	237	52.0	30,059
87th & Mackinaw	12	Main Street	7/19/95	1.00	NA	4.64	90.6	0.00	NA	3.63	98.1	99.4	37,587
87th & Mackinaw	13	Side Street	7/20/98	1.21	NA	5.29	137	0.16	NA	4.96	120	96.3	41,712
87th & Houston	14	Main Street	7/19/95	5.35	NA	4.32	135	0.00	NA	4.18	87.0	131	32,163
87th & Commercial	15	Main Street	7/19/95	0.42	NA	3.11	53.4	0.00	NA	1.87	34.8	66.3	16,457
Muskegan & 87th	16	Side Street	7/9/95	NA	NA	NA	NA	NA	NA	0.00	70.8	NA	NA
87th & Yates	17	Side Street	7/20/98	0.65	NA	8.53	52.5	0.05	NA	1.89	51.3	46.3	15,794
Ave. O & Greenbay	18	Side Street	7/19/95	1.63	NA	2.82	103	0.00	NA	3.15	178	53.2	32,717
89th & Marquette	19	Surface Soil	7/20/98	0.39	NA	26.3	90.3	0.21	NA	2.63	21.0	39.8	19,213
89th & Oglesby	20	Surface Soil	7/20/98	0.47	NA	6.46	62.1	0.12	NA	2.70	51.5	39.6	23,650

AII-5

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-2 (Continued)

SAMPLES 11-20 FROM AREA ONE (LOCATED BETWEEN THE LAKE, 95TH ST., YATES BLVD., AND 79TH ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Buffalo & 86th	11	Side Street	7/9/95	NA	23,863	>1200	3.43	15.7	114	1.14	0.00	3.56	191
87th & Mackinaw	12	Main Street	7/19/95	NA	NA	1,780	2.74	23.7	207	1.91	0.00	2.45	442
87th & Mackinaw	13	Side Street	7/20/98	NA	NA	2,222	2.61	22.9	254	1.19	0.00	0.91	786
87th & Houston	14	Main Street	7/19/95	NA	NA	1,867	2.50	23.8	284	1.51	0.00	1.80	351
87th & Commercial	15	Main Street	7/19/95	NA	NA	517	3.85	78.0	123	0.96	0.00	0.26	153
Muskegan & 87th	16	Side Street	7/9/95	NA	NA	NA	NA	18.8	218	NA	NA	NA	NA
87th & Yates	17	Side Street	7/20/98	NA	NA	666	0.90	9.74	181	0.77	0.00	3.70	396
Ave. O & Greenbay	18	Side Street	7/19/95	NA	NA	4,772	7.27	9.00	88.7	2.33	0.00	3.08	252
89th & Marquette	19	Surface Soil	7/20/98	NA	NA	639	0.73	14.2	256	0.69	0.00	0.00	263
89th & Oglesby	20	Surface Soil	7/20/98	0.07	NA	433	0.76	18.2	91.2	0.59	0.00	1.13	181

NA = No analysis.

AII-6



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-3

SAMPLES 21-30 FROM AREA ONE (LOCATED BETWEEN THE LAKE, 95TH ST., YATES BLVD., AND 79TH ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
89th & 90th & Burley	21	Surface Soil	7/20/98	0.55	NA	6.40	74.0	0.19	NA	1.77	13.9	15.8	16,848	
90th & Exchange	22	Surface Soil	7/20/98	0.50	NA	5.55	392	0.00	NA	1.42	22.9	27.0	14,122	
90th & Phillips	23	Side Street	7/19/95	0.68	3,804	21.2	80.3	0.07	NA	3.05	65.0	68.3	17,096	
91st & Ave. O	24	Side Street	7/20/98	1.24	NA	5.62	103	0.00	NA	3.25	70.3	39.1	32,931	
92nd & Baltimore	25	Side Street	7/19/95	0.84	NA	5.19	140	0.00	NA	4.91	74.9	70.3	28,254	
92nd & Phillips	26	Side Street	7/20/98	0.72	NA	9.29	101	0.20	NA	3.33	46.3	35.1	27,214	
94th & Commercial	27	Main Street	7/19/95	1.24	7,345	3.89	130	0.00	38,823	8.05	105	195	47,094	
94th & Essex	28	Surface Soil	7/20/98	0.82	NA	8.95	79.7	0.04	NA	14.5	81.0	36.4	31,815	
95th & Foreman Dr.	29	Surface Soil	7/27/98	0.50	NA	5.2	77.4	0.44	NA	2.21	19.5	30.2	15,984	
95th & Baltimore	30	Side Street	7/27/98	0.78	NA	6.07	192	0.00	NA	9.73	128	145	74,455	

AII-7

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-3 (Continued)

SAMPLES 21-30 FROM AREA ONE (LOCATED BETWEEN THE LAKE, 95TH ST., YATES BLVD., AND 79TH ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Date	Sample Type	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
89th & 90th & Burley	21	Surface Soil	7/20/98	NA	NA	716	0.00	3.78	39.5	0.22	0.00	2.10	166
90th & Exchange	22	Surface Soil	7/20/98	NA	NA	496	0.22	8.77	61.5	0.38	0.00	0.83	242
90th & Phillips	23	Side Street	7/19/95	NA	NA	554	422	27.4	284	1.06	0.00	1.39	319
91st & Ave. O	24	Side Street	7/20/98	NA	NA	3,014	1.48	12.1	125	0.93	0.00	1.02	311
92nd & Baltimore	25	Side Street	7/19/95	NA	NA	1,496	1.53	36.9	150	1.21	0.00	2.93	277
92nd & Phillips	26	Side Street	7/20/98	NA	NA	1,092	0.66	12.9	139	0.64	0.00	1.42	1,794
94th & Commercial	27	Main Street	7/19/95	NA	15,131	1,558	5.27	20.7	616	0.98	0.00	1.13	368
94th & Essex	28	Surface Soil	7/20/98	NA	NA	1,701	1.36	12.3	123	0.90	0.00	1.31	1,737
95th & Foreman Dr.	29	Surface Soil	7/27/98	NA	NA	667	1	12.6	77	0.73	0.00	0.47	154
95th & Baltimore	30	Side Street	7/27/98	0.69	NA	1,267	11.0	49.1	822	4.36	0.00	0.03	1,070

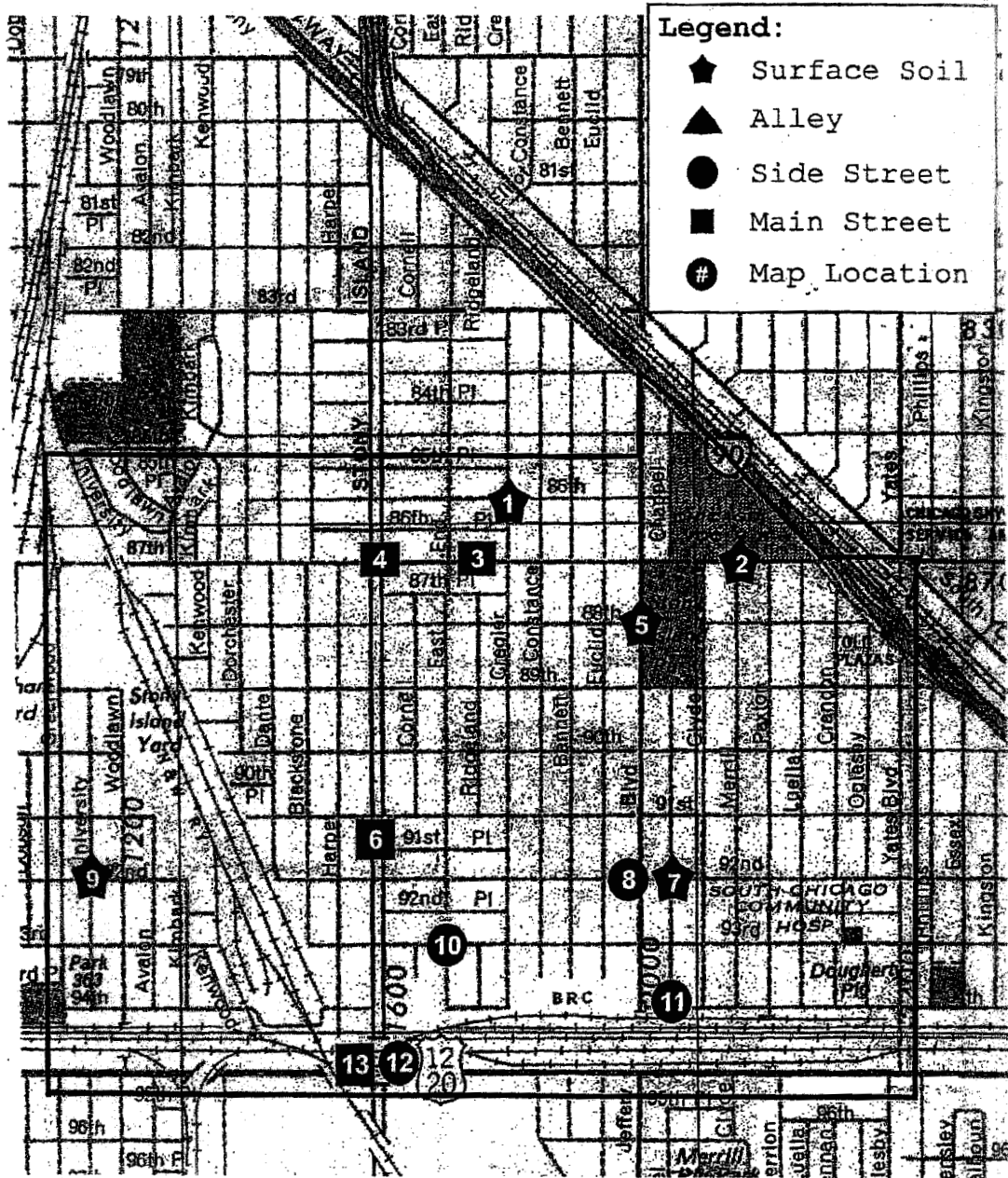
NA = No analysis.

AII-8

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII - 3

AREA TWO OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-4

SAMPLES 1-10 FROM AREA TWO (LOCATED BETWEEN 83RD ST., YATES BLVD., 95TH ST., AND UNIVERSITY DR.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
86th & Creiger	1	Surface Soil	7/20/98	0.40	NA	5.68	95.9	0.39	NA	2.27	15.2	31.4	14,014
87th & Merrill	2	Surface Soil	7/20/98	0.72	NA	6.58	83.4	0.11	NA	4.29	73.4	86.1	37,179
87th & Ridgeland	3	Main Street	8/7/95	0.66	NA	4.18	85.0	0.15	NA	4.51	89.9	90.6	14,649
87th & Stony Island	4	Main Street	7/19/95	0.76	NA	5.50	88.7	0.00	NA	6.78	125	236	67,325
88th & Jeffery	5	Surface Soil	7/19/95	0.61	NA	2.60	58.3	0.19	NA	5.23	67.2	45.8	22,835
91st & Stony Island	6	Main Street	7/19/95	0.98	NA	4.91	NA	0.00	NA	9.03	78.3	151	41,676
9236 S. Chappel	7	Surface Soil	7/20/98	0.66	NA	5.25	87.4	0.00	NA	2.40	92.0	45.7	21,417
92nd & Jeffery	8	Side Street	7/19/95	2.02	NA	4.44	74.1	0.00	NA	4.28	172	83.1	37,659
92nd & University	9	Surface Soil	7/19/95	0.51	NA	5.03	71.9	0.00	NA	2.68	44.8	43.9	21,840
93rd & East End	10	Side Street	7/20/98	0.72	NA	6.00	94.6	0.03	NA	3.36	48.3	83.2	24,141

AII-10

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-4 (Continued)

SAMPLES 1-10 FROM AREA TWO (LOCATED BETWEEN 83RD ST., YATES BLVD., 95TH ST., AND UNIVERSITY DR.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
86th & Creiger	1	Surface Soil	7/20/98	NA	NA	584	0.38	11.6	252	0.14	0.00	0.00	1,170
87th & Merrill	2	Surface Soil	7/20/98	NA	NA	989	4.05	31.8	439	0.98	0.00	0.74	345
87th & Ridgeland	3	Main Street	8/7/95	NA	NA	296	1.82	15.3	359	0.46	0.00	3.27	812
87th & Stony Island	4	Main Street	7/19/95	NA	NA	892	2.98	39.7	654	8.86	0.00	0.48	492
88th & Jeffery	5	Surface Soil	7/19/95	NA	NA	1,275	0.50	15.4	160	0.86	0.00	1.61	195
91st & Stony Island	6	Main Street	7/19/95	NA	NA	783	2.31	18.8	162	1.24	0.00	1.34	457
9236 S. Chappel	7	Surface Soil	7/20/98	NA	NA	802	0.83	12.4	279	1.53	0.00	1.94	366
92nd & Jeffery	8	Side Street	7/19/95	NA	NA	5,102	2.89	11.8	116	2.26	0.00	2.40	223
92nd & University	9	Surface Soil	7/19/95	NA	NA	782	1.73	11.9	144	1.08	0.00	2.21	227
93rd & East End	10	Side Street	7/20/98	NA	NA	1,339	1.19	16.0	205	0.88	0.00	0.18	547

NA = No analysis.

AII-11

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-5

SAMPLES 11-13 FROM AREA TWO (LOCATED BETWEEN 83RD ST., YATES BLVD., 95TH ST., AND UNIVERSITY DR.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
94th & Chappel	11	Side Street	7/19/95	0.90	NA	2.92	110	0.00	NA	4.29	84.9	43.3	17,449	
95th & Stony	12	Side Street	7/27/98	1.47	NA	5.06	104	0.00	NA	4.13	93.5	76.4	30,851	
95th & Stony Island	13	Main Street	7/19/95	0.58	NA	4.87	NA	0.00	NA	3.88	67.1	228	38,989	

AII-12

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-5 (Continued)

SAMPLES 11-13 FROM AREA TWO (LOCATED BETWEEN 83RD ST., YATES BLVD., 95TH ST., AND UNIVERSITY DR.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
94th & Chappel	11	Side Street	7/19/95	NA	NA	1,793	1.72	21.7	65.4	1.82	0.00	2.92	233
95th & Stony	12	Side Street	7/27/98	NA	NA	2,913	2.39	13.6	184	1.12	0.00	3.62	302
95th & Stony Island	13	Main Street	7/19/95	NA	NA	655	2.35	26.6	150	1.80	0.00	1.64	382

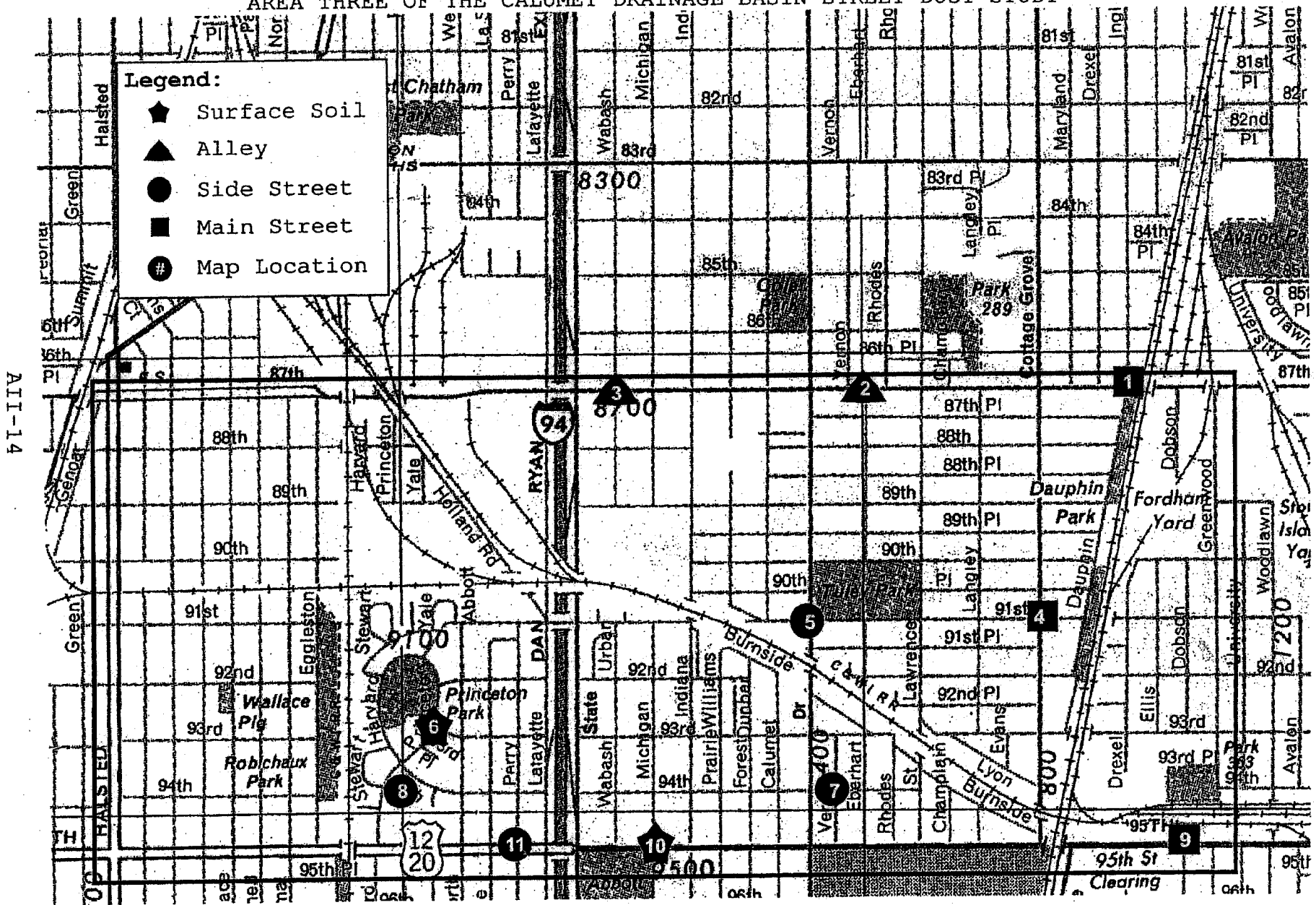
NA = No analysis.

AII-13

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-4

AREA THREE OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



AII-14



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-6

SAMPLES 1-11 FROM AREA THREE (LOCATED BETWEEN 87TH ST., UNIVERSITY DR., 95TH ST., AND HALSTED ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
87th & Ingleside	1	Main Street	8/28/95	0.67	4,828	5.88	83.5	0.00	NA	3.68	84.0	120	31,971
87th & Eberhart	2	Alley	8/28/95	0.47	3,384	4.02	106	0.00	NA	3.88	59.3	72.6	28,240
87th & Wabash	3	Alley	8/28/95	0.73	18,028	4.21	146	2.12	NA	9.70	33.8	123	25,640
91st & Cottage Grove	4	Main Street	8/28/95	0.59	2,624	4.32	42.1	0.00	NA	6.45	68.3	108	28,472
91st & Calumet	5	Side Street	8/28/95	0.39	3,160	5.15	42.1	0.00	NA	10.2	40.4	49.3	21,686
93rd & Princeton	6	Surface Soil	8/28/95	0.51	13,268	3.71	125	0.88	NA	7.12	32.4	53.5	18,144
94th & Vernon	7	Side Street	8/28/95	0.59	4,508	5.20	92.3	0.00	NA	3.98	61.5	62.2	23,700
94th & Harvard	8	Side Street	8/7/95	NA	10,748	NA	NA	NA	NA	0.00	26.0	35.4	14,168
95th & Dobson	9	Main Street	8/28/95	0.84	3,700	4.05	73.2	0.00	NA	4.52	105	114	32,745
95th & Michigan	10	Surface Soil	8/10/98	0.21	NA	4.38	71.3	0.57	NA	2.83	13.7	54.7	13,172
95th & Perry	11	Side Street	8/28/95	0.88	3,076	4.47	78.7	0.00	NA	8.29	139	311	73,558

AII-15

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-6 (Continued)

SAMPLES 1-11 FROM AREA THREE (LOCATED BETWEEN 87TH ST., UNIVERSITY DR., 95TH ST., AND HALSTED ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
87th & Ingleside	1	Main Street	8/28/95	NA	NA	1,103	2.20	23.2	151	1.79	0.00	2.56	549
87th & Eberhart	2	Alley	8/28/95	NA	NA	560	1.29	21.0	242	0.99	0.00	1.95	409
87th & Wabash	3	Alley	8/28/95	NA	NA	1,034	0.82	24.5	340	1.20	0.00	2.39	610
91st & Cottage Grove	4	Main Street	8/28/95	NA	NA	725	2.19	17.7	104	1.23	0.00	2.71	279
91st & Calumet	5	Side Street	8/28/95	NA	NA	742	0.73	12.0	93.0	0.87	0.00	2.58	198
93rd & Princeton	6	Surface Soil	8/28/95	NA	NA	855	0.67	11.5	75.4	0.55	0.00	2.01	208
94th & Vernon	7	Side Street	8/28/95	NA	NA	809	1.84	18.1	186	1.25	0.00	1.88	333
94th & Harvard	8	Side Street	8/7/95	NA	NA	734	NA	13.6	109	NA	NA	NA	325
95th & Dobson	9	Main Street	8/28/95	NA	NA	1,517	1.40	16.3	133	1.63	0.00	3.08	259
95th & Michigan	10	Surface Soil	8/10/98	NA	NA	295	0.50	20.1	185	0.44	0.00	0.00	188
95th & Perry	11	Side Street	8/28/95	NA	NA	1,328	2.17	40.5	174	2.84	0.00	0.85	383

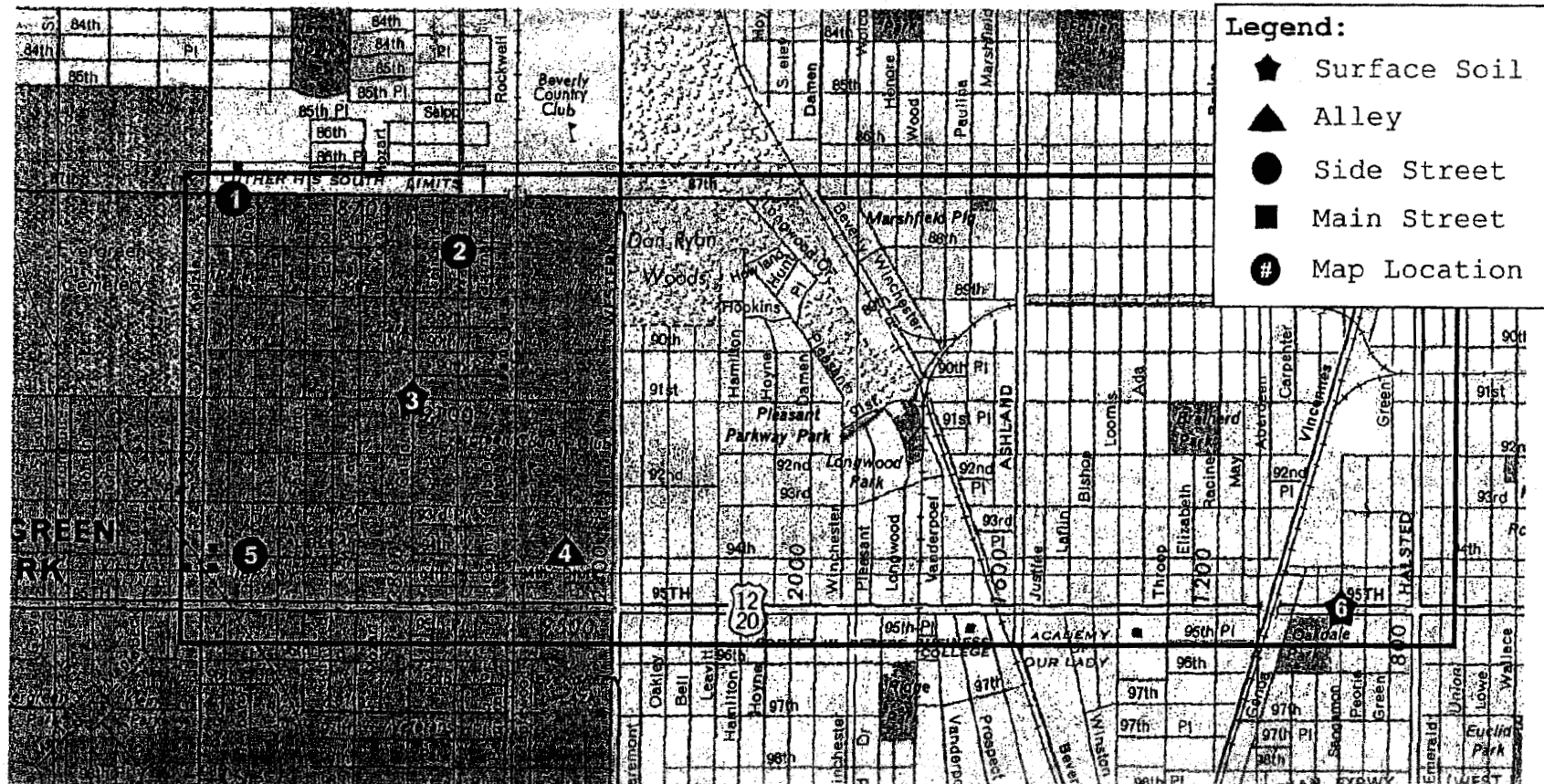
NA = No analysis.

AII-16

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII - 5

AREA FOUR OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



AII - 17

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-7

SAMPLES 1-6 FROM AREA FOUR (LOCATED BETWEEN 87TH ST., HALSTED ST., 95TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
----- mg/Kg -----													
Troy & 87th	1	Side Street	7/24/95	NA	22,280	NA	NA	NA	NA	0.00	55.2	35.2	16,071
88th & Washtenaw	2	Side Street	7/24/95	NA	4,800	NA	NA	NA	NA	0.40	16.0	95.6	9,591
91st & California	3	Surface Soil	7/24/95	0.38	5,240	4.28	80.2	0.05	NA	4.42	68.7	155.4	28,534
94th & Campbell	4	Alley	7/24/95	NA	7,000	NA	NA	NA	NA	2.40	44.0	37.2	15,071
Albany & 94th	5	Side Street	7/24/95	0.49	7,680	3.59	109	0.23	NA	2.43	55.1	53.2	18,159
95th & Morgan	6	Surface Soil	8/10/98	0.35	NA	5.27	36.8	0.11	NA	1.37	14.1	19.0	9,546

AII-18

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-7 (Continued)

SAMPLES 1-6 FROM AREA FOUR (LOCATED BETWEEN 87TH ST., HALSTED ST., 95TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Troy & 87th	1	Side Street	7/24/95	NA	NA	1,396	NA	6.80	49.2	NA	NA	NA	162
88th & Washtenaw	2	Side Street	7/24/95	NA	NA	380	NA	70.0	28.4	NA	NA	NA	142
91st & California	3	Surface Soil	7/24/95	NA	NA	570	1.62	20.0	83.9	1.16	0.00	2.75	423
94th & Campbell	4	Alley	7/24/95	NA	NA	580	NA	15.2	94.8	NA	NA	NA	708
Albany & 94th	5	Side Street	7/24/95	NA	NA	814	0.86	10.5	97.7	0.88	0.00	3.84	222
95th & Morgan	6	Surface Soil	8/10/98	NA	NA	353	0.37	7.94	47.7	0.36	0.00	1.59	81.3

NA = No analysis.

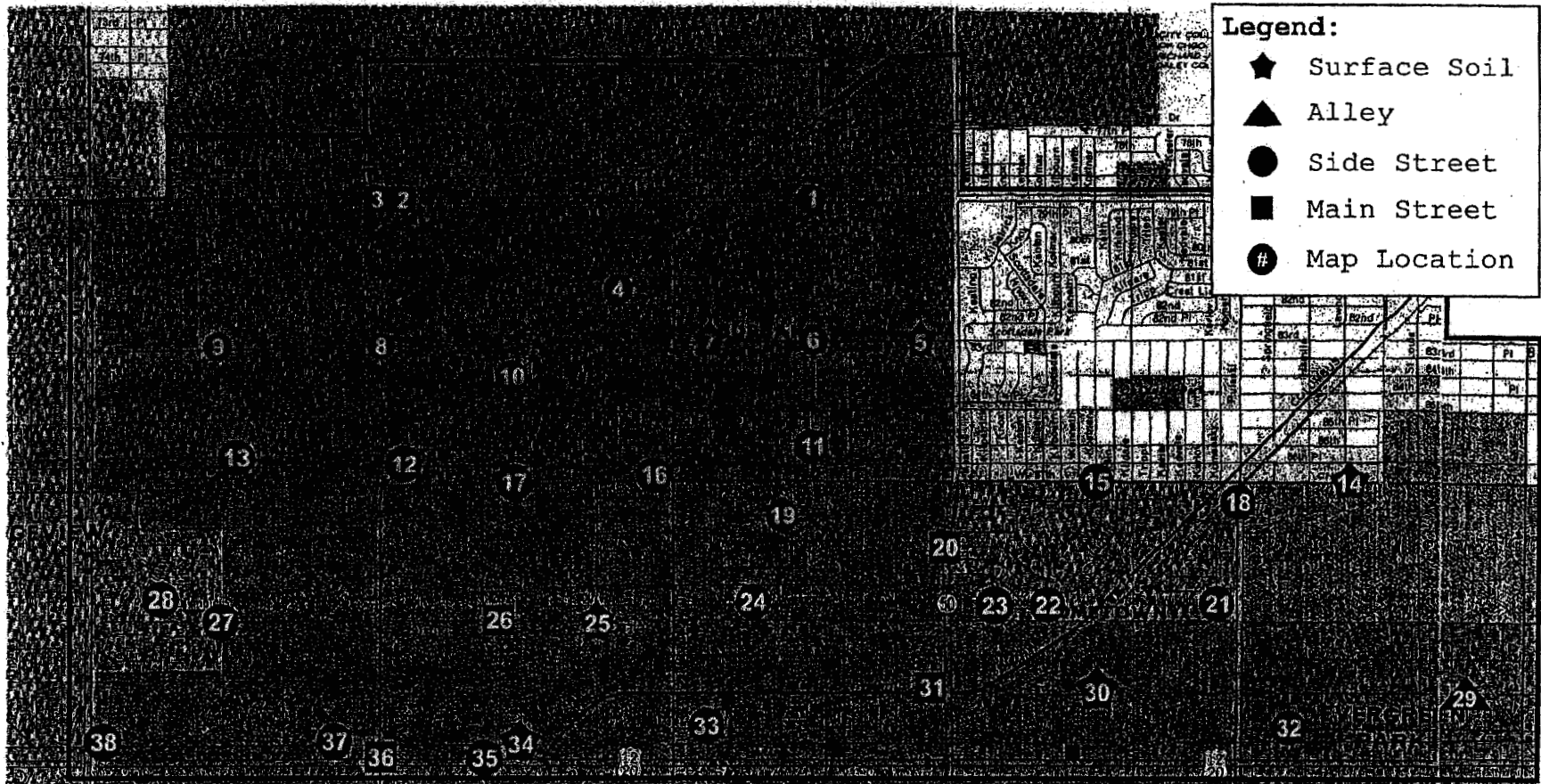
AII-19

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-6

AREA FIVE OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY

AII-20



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-8

SAMPLES 1-10 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
Laramie & 79th	1	Side Street	7/24/95	0.31	NA	7.46	49.7	0.14	NA	2.40	32.7	38.6	17,319	
Mulligan & 79th	2	Main Street	8/7/95	NA	NA	NA	NA	NA	NA	0.00	50.0	NA	NA	
Narragansett & 79th	3	Main Street	8/7/95	NA	1,988	NA	NA	NA	NA	0.00	7.20	0.00	4,313	
State & 81st	4	Side Street	8/7/95	NA	NA	NA	NA	NA	NA	1.20	65.2	NA	NA	
Lamon & 83rd	5	Surface Soil	7/24/95	0.32	NA	3.52	57.3	0.16	NA	5.35	56.5	48.9	29,710	
Laramie & 83rd	6	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	1.20	23.2	NA	NA	
Linder & 83rd	7	Surface Soil	7/24/95	0.18	NA	4.18	12.9	0.06	NA	0.95	8.74	10.5	7,051	
Narragansett & 83rd	8	Side Street	8/9/95	NA	3,420	NA	NA	NA	NA	0.00	56.4	17.2	13,473	
Newcastle & 83rd	9	Side Street	8/9/95	NA	1,688	NA	NA	NA	NA	1.20	65.2	67.2	22,433	
State & 84th	10	Side Street	8/7/95	NA	NA	NA	NA	NA	NA	0.00	56.4	NA	NA	

AII-21

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-8 (Continued)

SAMPLES 1-10 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
Laramie & 79th	1	Side Street	7/24/95	NA	NA	503	0.50	12.2	56.8	0.65	0.00	3.71	214
Mulligan & 79th	2	Main Street	8/7/95	NA	NA	NA	NA	10.4	47.6	NA	NA	NA	NA
Narragansett & 79th	3	Main Street	8/7/95	NA	NA	229	NA	2.80	4.40	NA	NA	NA	40.2
State & 81st	4	Side Street	8/7/95	NA	NA	NA	NA	12.0	75.6	NA	NA	NA	NA
Lamon & 83rd	5	Surface Soil	7/24/95	NA	NA	521	1.16	12.1	158	1.35	0.00	2.59	199
Laramie & 83rd	6	Side Street	7/24/95	NA	NA	NA	NA	6.80	30.0	NA	NA	NA	NA
Linder & 83rd	7	Surface Soil	7/24/95	NA	NA	172	0.00	5.25	13.4	0.37	0.00	4.89	55.1
Narragansett & 83rd	8	Side Street	8/9/95	NA	NA	164	NA	9.20	160	NA	NA	NA	93.0
Newcastle & 83rd	9	Side Street	8/9/95	NA	NA	768	NA	12.0	75.6	NA	NA	NA	227
State & 84th	10	Side Street	8/7/95	NA	NA	NA	NA	9.20	160	NA	NA	NA	NA

NA = No analysis.

AII-22



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-9

SAMPLES 11-20 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
Laramie & 86th	11	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	0.80	9.20	NA	NA
State & 86th Pl	12	Side Street	8/7/95	NA	NA	NA	NA	NA	NA	0.00	7.20	NA	NA
Oak Park & 86th	13	Side Street	8/9/95	NA	3,156	NA	NA	NA	NA	0.00	50.0	22.3	19,073
Lawndale & 87th	14	Surface Soil	7/24/95	NA	NA	NA	NA	NA	NA	4.00	54.8	NA	NA
Kostner & 87th	15	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	2.80	81.6	NA	NA
Parkside & 87th	16	Side Street	8/7/95	NA	NA	NA	NA	NA	NA	1.60	82.4	NA	NA
87th & McVicker	17	Side Street	8/7/95	NA	NA	NA	NA	NA	NA	0.00	136	NA	NA
Pulaski & Main	18	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	6.80	68.0	NA	NA
87th & Alexander	19	Side Street	7/24/95	NA	1,528	NA	NA	NA	NA	0.00	18.0	27.4	6,895
89th & Cicero	20	Main Street	8/7/95	NA	2,820	NA	NA	NA	NA	0.00	118	71.0	42,535

AII-23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-9 (Continued)

SAMPLES 11-20 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Laramie & 86th	11	Side Street	7/24/95	NA	NA	NA	NA	10.0	18.4	NA	NA	NA	NA
State & 86th Pl	12	Side Street	8/7/95	NA	NA	NA	NA	2.80	4.40	NA	NA	NA	NA
Oak Park & 86th	13	Side Street	8/9/95	NA	NA	361	NA	10.4	47.6	NA	NA	NA	107
Lawndale & 87th	14	Surface Soil	7/24/95	NA	NA	NA	NA	18.4	82.0	NA	NA	NA	NA
Kostner & 87th	15	Side Street	7/24/95	NA	NA	NA	NA	14.8	196	NA	NA	NA	NA
Parkside & 87th	16	Side Street	8/7/95	NA	NA	NA	NA	22.8	277	NA	NA	NA	NA
87th & McVicker	17	Side Street	8/7/95	NA	NA	NA	NA	20.4	180	NA	NA	NA	NA
Pulaski & Main	18	Side Street	7/24/95	NA	NA	NA	NA	16.4	153	NA	NA	NA	NA
87th & Alexander	19	Side Street	7/24/95	NA	NA	175	NA	7.60	28.8	NA	NA	NA	203
89th & Cicero	20	Main Street	8/7/95	NA	NA	1,528	NA	15.6	89.6	NA	NA	NA	283

NA = No analysis.

AII-24

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-10

SAMPLES 21-30 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
90th & Komensky	21	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	5.20	55.6	NA	NA
90th & Kostner	22	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	7.60	16.8	NA	NA
Knox & 90th	23	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	14.8	29.6	NA	NA
Otto & 53rd Ct	24	Side Street	8/7/95	NA	1,708	NA	NA	NA	NA	18.8	32.8	55.0	11,215
Menard & 91st	25	Surface Soil	7/24/95	0.37	NA	4.37	56.7	0.00	NA	1.26	38.5	95.4	13,222
91st & McVicker	26	Main Street	8/7/95	NA	NA	NA	NA	NA	NA	21.0	13.6	NA	NA
91st & Oak Park	27	Side Street	8/7/95	NA	1,788	NA	NA	NA	NA	6.80	83.6	75.6	38,988
87th & Olympic	28	Side Street	8/7/95	NA	2,524	NA	NA	NA	NA	4.00	62.4	80.4	33,108
95th & Turner	29	Alley	7/24/95	NA	NA	NA	NA	NA	NA	1.60	31.2	NA	NA
Kostner & 93rd	30	Surface Soil	7/24/95	0.21	NA	5.22	19.4	0.00	NA	1.10	16.0	93.7	10,124

AII-25

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-10 (Continued)

SAMPLES 21-30 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
90th & Komensky	21	Side Street	7/24/95	NA	NA	NA	NA	10.4	98.0	NA	NA	NA	NA
90th & Kostner	22	Side Street	7/24/95	NA	NA	NA	NA	9.60	76.4	NA	NA	NA	NA
Knox & 90th	23	Side Street	7/24/95	NA	NA	NA	NA	14.8	96.0	NA	NA	NA	NA
Otto & 53rd Ct	24	Side Street	8/7/95	NA	NA	210	NA	7.20	42.4	NA	NA	NA	140
Menard & 91st	25	Surface Soil	7/24/95	NA	NA	415	0.36	8.69	180	2.54	0.00	4.75	99.5
91st & McVicker	26	Main Street	8/7/95	NA	NA	NA	NA	7.20	13.6	NA	NA	NA	NA
91st & Oak Park	27	Side Street	8/7/95	NA	NA	354	NA	18.8	79.2	NA	NA	NA	315
87th & Olympic	28	Side Street	8/7/95	NA	NA	436	NA	17.2	101	NA	NA	NA	386
95th & Turner	29	Alley	7/24/95	NA	NA	NA	NA	2.00	0.00	NA	NA	NA	NA
Kostner & 93rd	30	Surface Soil	7/24/95	NA	NA	171	0.27	13.8	26.2	0.63	0.00	4.94	106

NA = No analysis.

AII-26

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-11

SAMPLES 31-38 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
S. W. Hwy & 48th Ct	31	Main Street	8/7/95	NA	2,868	NA	NA	NA	NA	3.20	121	106	38,615
Avers & 94th	32	Side Street	7/24/95	NA	NA	NA	NA	NA	NA	2.80	40.4	NA	NA
55th & 94th	33	Side Street	8/7/95	NA	2,044	NA	NA	NA	NA	0.00	50.4	44.6	17,335
95th & Austin	34	Surface Soil	8/7/95	NA	NA	NA	NA	NA	NA	0.00	32.4	NA	NA
95th & McVicker	35	Side Street	8/7/95	0.18	NA	6.80	41.7	0.00	NA	3.06	28.5	27.8	9,099
95th & Ridgeland	36	Main Street	8/7/95	NA	NA	NA	NA	NA	NA	0.00	136	NA	NA
94th & Natchez	37	Side Street	8/7/95	NA	3,480	NA	NA	NA	NA	1.20	24.0	33.2	11,988
94th & Neva	38	Side Street	8/7/95	NA	4,640	NA	NA	NA	NA	2.80	40.8	61.6	13,708

AII-27

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-11 (Continued)

SAMPLES 31-38 FROM AREA FIVE (LOCATED BETWEEN 75TH ST., KEDZIE AVE., 95TH ST., AND HARLEM AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
S. W. Hwy & 48th Ct	31	Main Street	8/7/95	NA	NA	1,224	NA	20.0	119	NA	NA	NA	387
Avers & 94th	32	Side Street	7/24/95	NA	NA	NA	NA	10.8	187	NA	NA	NA	NA
55th & 94th	33	Side Street	8/7/95	NA	NA	788	NA	7.60	53.6	NA	NA	NA	119
95th & Austin	34	Surface Soil	8/7/95	NA	NA	NA	NA	7.20	72.8	NA	NA	NA	NA
95th & McVicker	35	Side Street	8/7/95	NA	NA	192	0.34	9.37	73.2	0.70	0.00	3.25	108
95th & Ridgeland	36	Main Street	8/7/95	NA	NA	NA	NA	18.8	247	NA	NA	NA	NA
94th & Natchez	37	Side Street	8/7/95	NA	NA	216	NA	9.60	50.8	NA	NA	NA	289
94th & Neva	38	Side Street	8/7/95	NA	NA	271	NA	14.0	127	NA	NA	NA	391

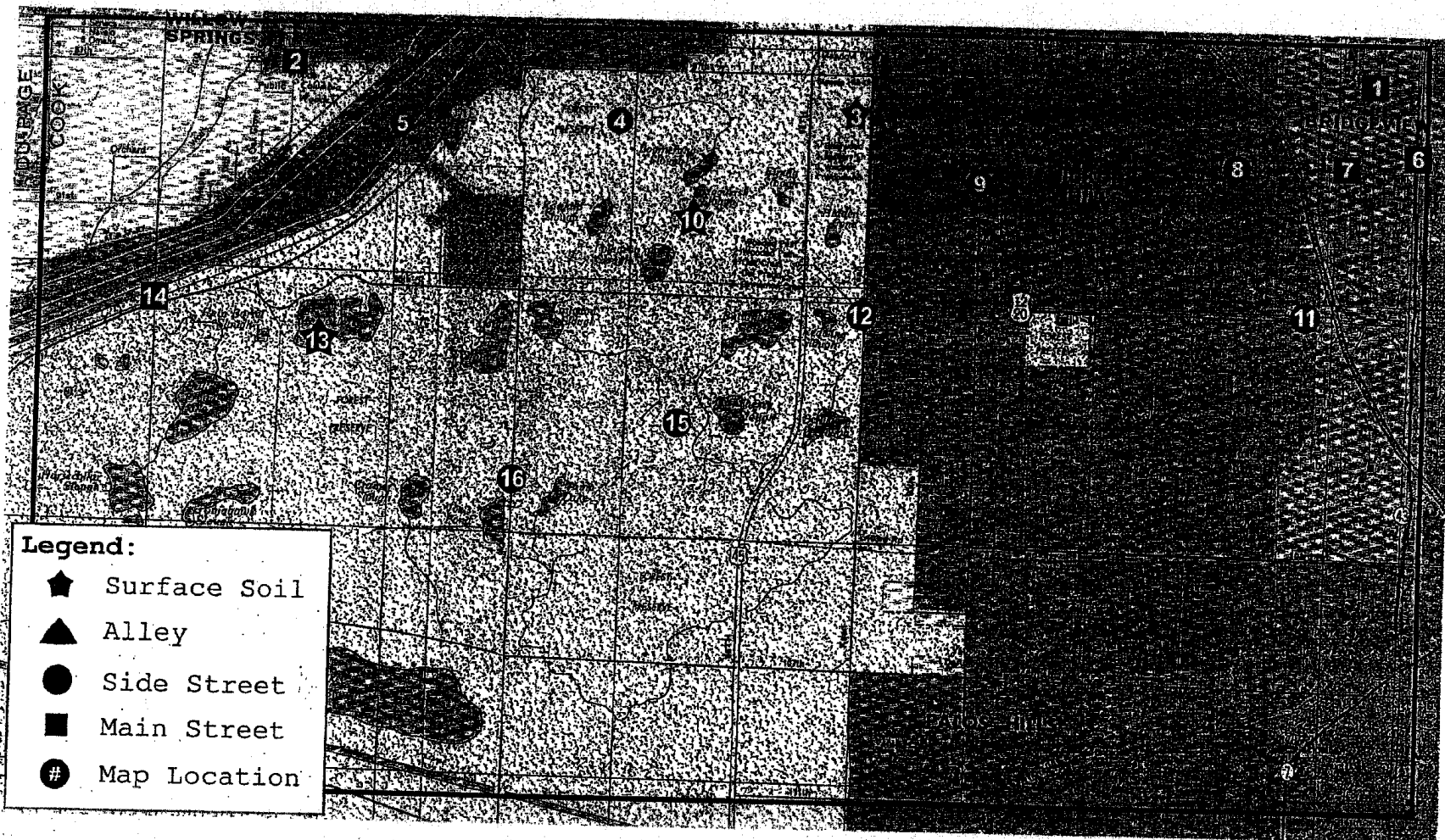
NA = No analysis.

AII-28

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-7

AREA SIX OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-12

SAMPLES 1-10 FROM AREA SIX (LOCATED BETWEEN 87TH ST., HARLEM AVE., 111TH ST., AND COUNTY LINE RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
87th & Oketo	1	Main Street	8/9/95	NA	1,344	NA	NA	NA	NA	0.00	9.60	8.80	3,812
Foreman & Gilbert	2	Main Street	7/19/95	0.63	NA	4.28	171	0.00	NA	4.33	38.7	65.0	15,867
Roadside Detonty	3	Surface Soil	7/14/95	NA	NA	NA	NA	NA	NA	1.60	14.0	NA	NA
Forest Preserve	4	Side Street	7/14/95	NA	NA	NA	NA	NA	NA	0.00	5.60	NA	NA
Wentworth I&M	5	Side Street	7/14/95	NA	NA	NA	NA	NA	NA	2.80	14.4	NA	NA
Harlem & Hanover	6	Main Street	8/9/95	NA	3,080	NA	NA	NA	NA	3.20	68.0	96.8	25,468
90th & Beloit	7	Main Street	8/9/95	NA	1,436	NA	NA	NA	NA	0.80	8.40	65.2	5,988
90th & 79th Ave.	8	Side Street	8/9/95	NA	2,680	NA	NA	NA	NA	0.00	6.80	10.4	6,388
91st & 88th	9	Side Street	7/14/95	NA	NA	NA	NA	NA	NA	0.00	9.20	NA	NA
Hogwash Slough	10	Surface Soil	7/14/95	NA	NA	NA	NA	NA	NA	0.00	224	NA	NA

AII-30



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-12 (Continued)

SAMPLES 1-10 FROM AREA SIX (LOCATED BETWEEN 87TH ST., HARLEM AVE., 111TH ST., AND COUNTY LINE RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
87th & Oketo	1	Main Street	8/9/95	NA	NA	144	NA	2.80	9.60	NA	NA	NA	25.4
Foreman & Gilbert	2	Main Street	7/19/95	NA	NA	638	1.33	12.9	154	1.06	0.00	2.44	473
Roadside Detonty	3	Surface Soil	7/14/95	NA	NA	NA	NA	5.20	80.8	NA	NA	NA	NA
Forest Preserve	4	Side Street	7/14/95	NA	NA	NA	NA	5.20	32.4	NA	NA	NA	NA
Wentworth I&M	5	Side Street	7/14/95	NA	NA	NA	NA	16.8	26.8	NA	NA	NA	NA
Harlem & Hanover	6	Main Street	8/9/95	NA	NA	708	NA	13.2	67.6	NA	NA	NA	278
90th & Beloit	7	Main Street	8/9/95	NA	NA	215	NA	5.60	13.2	NA	NA	NA	77.8
90th & 79th Ave.	8	Side Street	8/9/95	NA	NA	306	NA	6.40	8.80	NA	NA	NA	44.6
91st & 88th	9	Side Street	7/14/95	NA	NA	NA	NA	14.0	48.0	NA	NA	NA	NA
Hogwash Slough	10	Surface Soil	7/14/95	NA	NA	NA	NA	9.20	22.0	NA	NA	NA	NA

NA = No analysis.

AII-31

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-13

SAMPLES 11-16 FROM AREA SIX (LOCATED BETWEEN 87TH ST., HARLEM AVE., 111TH ST., AND COUNTY LINE RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
95th & 76th Ct	11	Side Street	8/9/95	NA	3,148	NA	NA	NA	NA	2.00	43.6	52.8	19,108	
Bridle Trail Entrance	12	Side Street	7/14/95	NA	NA	NA	NA	NA	NA	0.00	42.0	NA	NA	
Maple Lake	13	Surface Soil	7/14/95	0.36	2,057	3.58	39.9	0.01	46,197	1.26	77.3	37.9	12,529	
Wolf & Elm RR	14	Main Street	7/14/95	NA	NA	NA	NA	NA	NA	4.00	3.20	NA	NA	
Resi Fairmont	15	Side Street	7/14/95	NA	NA	NA	NA	NA	NA	2.40	8.80	NA	NA	
Spears Woods	16	Side Street	7/14/95	NA	NA	NA	NA	NA	NA	0.00	2.80	NA	NA	

AII-32

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-13 (Continued)

SAMPLES 11-16 FROM AREA SIX (LOCATED BETWEEN 87TH ST., HARLEM AVE., 111TH ST., AND COUNTY LINE RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
95th & 76th Ct	11	Side Street	8/9/95	NA	NA	524	NA	10.0	50.8	NA	NA	NA	187
Bridle Trail Entrance	12	Side Street	7/14/95	NA	NA	NA	NA	6.80	40.0	NA	NA	NA	NA
Maple Lake	13	Surface Soil	7/14/95	NA	34,898	242	0.53	8.29	312	0.73	0.00	3.47	289
Wolf & Elm RR	14	Main Street	7/14/95	NA	NA	NA	NA	2.40	5.20	NA	NA	NA	NA
Resi Fairmont	15	Side Street	7/14/95	NA	NA	NA	NA	12.0	36.8	NA	NA	NA	NA
Spears Woods	16	Side Street	7/14/95	NA	NA	NA	NA	2.80	29.6	NA	NA	NA	NA

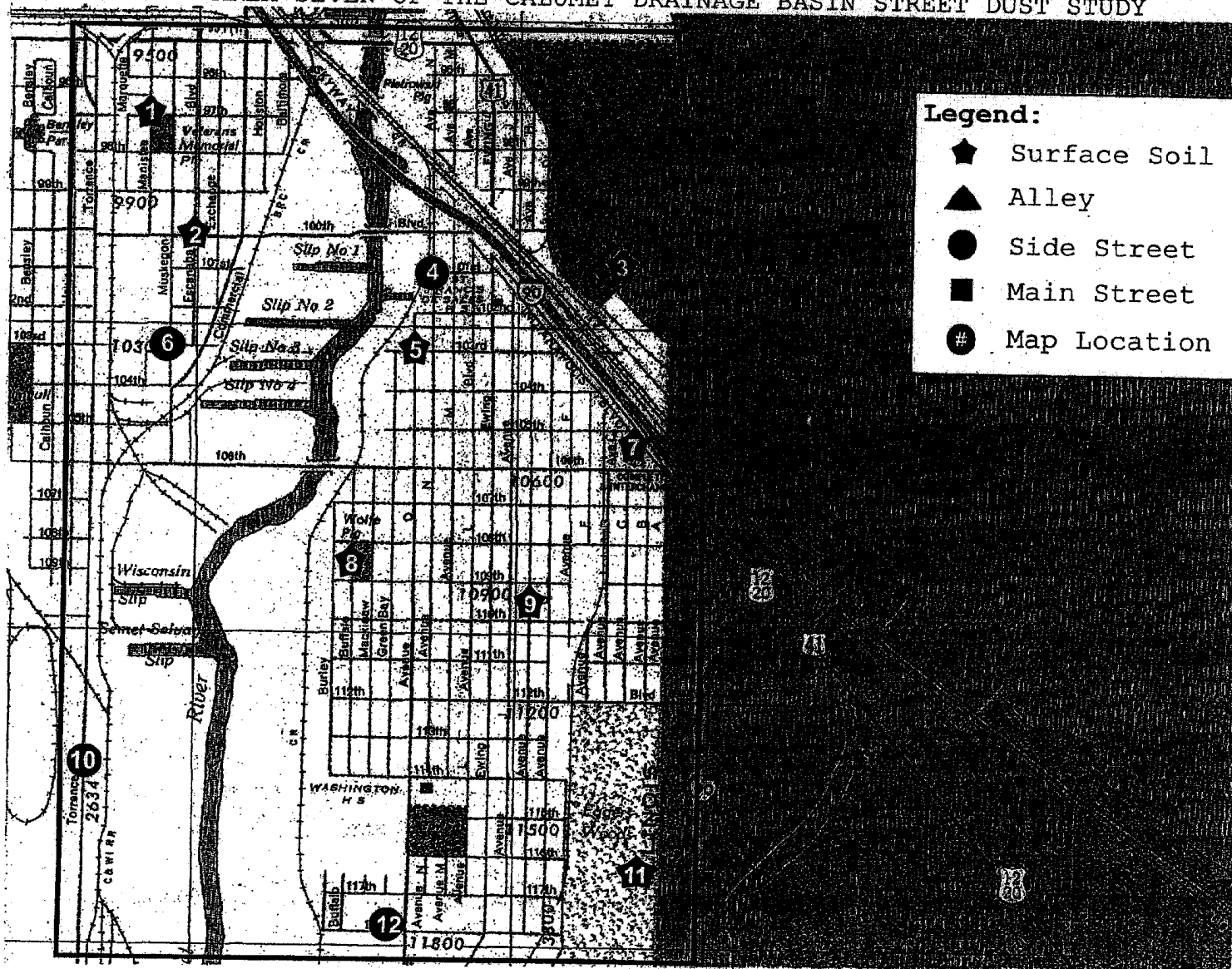
NA = No analysis.

AII-33

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-8

AREA SEVEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



AII-34

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-14

SAMPLES 1-10 FROM AREA SEVEN (LOCATED BETWEEN 95TH ST., THE LAKE, 118TH ST., AND TORRENCE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
97th & Manistee	1	Surface Soil	7/27/98	0.37	NA	4.66	68.5	0.45	NA	2.26	18.1	29.4	16,821
9930 Escanaba	2	Surface Soil	7/27/98	0.49	NA	3.17	65.3	0.02	NA	2.07	35.9	63.7	11,273
SE Cal Pk	3	Surface Soil	7/27/98	0.30	NA	3.79	57.8	0.00	NA	0.92	6.62	9.33	6,317
101st & Ave. N	4	Side Street	7/27/98	2.41	NA	5.32	101	0.00	NA	5.48	123	60.9	14,876
103rd & Ave. O	5	Surface Soil	7/27/98	1.02	NA	7.01	129	0.00	NA	3.32	51.4	45.8	16,658
103rd & Muskegon	6	Side Street	7/27/98	0.24	NA	4.66	66	0.26	NA	1.91	14	20.4	12,339
S. OF 105th & Ave. B	7	Surface Soil	7/27/98	0.91	NA	3.63	92.1	0.00	NA	3.32	80.1	47.9	21,423
108-109 & Buffalo	8	Surface Soil	8/3/98	0.60	NA	5.32	71.5	0.23	NA	3.27	25.3	41.8	23,645
109-110 & Ave. H	9	Surface Soil	8/3/98	0.39	NA	5.13	45.2	0.15	NA	1.92	19.0	22.2	11,456
114th & Torrence	10	Side Street	8/3/98	11.95	NA	7.67	174	0.06	NA	8.42	166	784	74,980

AII-35

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-14 (Continued)

SAMPLES 1-10 FROM AREA SEVEN (LOCATED BETWEEN 95TH ST., THE LAKE, 118TH ST., AND TORRENCE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
97th & Manistee	1	Surface Soil	7/27/98	NA	NA	547	0.45	17.0	59	0.26	0.00	0.54	240
9930 Escanaba	2	Surface Soil	7/27/98	NA	NA	866	0.84	8.36	148	1.01	0.00	0.88	260
SE Cal Pk	3	Surface Soil	7/27/98	0.04	NA	302	0.04	5.97	33	0.30	0.00	0.74	86
101st & Ave. N	4	Side Street	7/27/98	NA	NA	7,766	3.33	35.0	109	1.62	0.00	1.44	225
103rd & Ave. O	5	Surface Soil	7/27/98	NA	NA	1,637	1.57	14.3	300	1.67	0.00	3.12	1,086
103rd & Muskegon	6	Side Street	7/27/98	0.09	NA	364	0	11.0	64	0.4	0.00	0.07	170
S. OF 105th & Ave. B	7	Surface Soil	7/27/98	0.82	NA	2,043	1.85	14.3	217	0.94	0.00	1.41	373
108-109 & Buffalo	8	Surface Soil	8/3/98	NA	NA	923	0.92	11.2	96	0.35	0.00	1.30	333
109-110 & Ave. H	9	Surface Soil	8/3/98	0.11	NA	644	0.51	8.67	100	0.73	0.00	1.37	380
114th & Torrence	10	Side Street	8/3/98	NA	NA	4,221	30.1	106	203	2.73	0.00	0.96	3,343

NA = No analysis.

AII-36

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-15

SAMPLES 11-12 FROM AREA SEVEN (LOCATED BETWEEN 95TH ST., THE LAKE, 118TH ST., AND TORRENCE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
				----- mg/Kg -----									
11600 SE in woods	11	Surface Soil	8/3/98	0.23	NA	4.06	40.9	0.11	NA	1.47	14.9	18.1	7,927
W OF Ave. O on 118th	12	Side Street	8/3/98	6.67	NA	0.00	120	0.00	NA	8.86	1,817	61.6	100,424

AII-37

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-15 (Continued)

SAMPLES 11-12 FROM AREA SEVEN (LOCATED BETWEEN 95TH ST., THE LAKE, 118TH ST., AND TORRENCE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
11600 SE in woods	11	Surface Soil	8/3/98	0.06	NA	331	0.43	5.70	69	0.45	0.00	0.17	175
W OF Ave. O on 118th	12	Side Street	8/3/98	NA	NA	17,778	107	37.5	208	17.4	0.00	1.84	214

NA = No analysis.

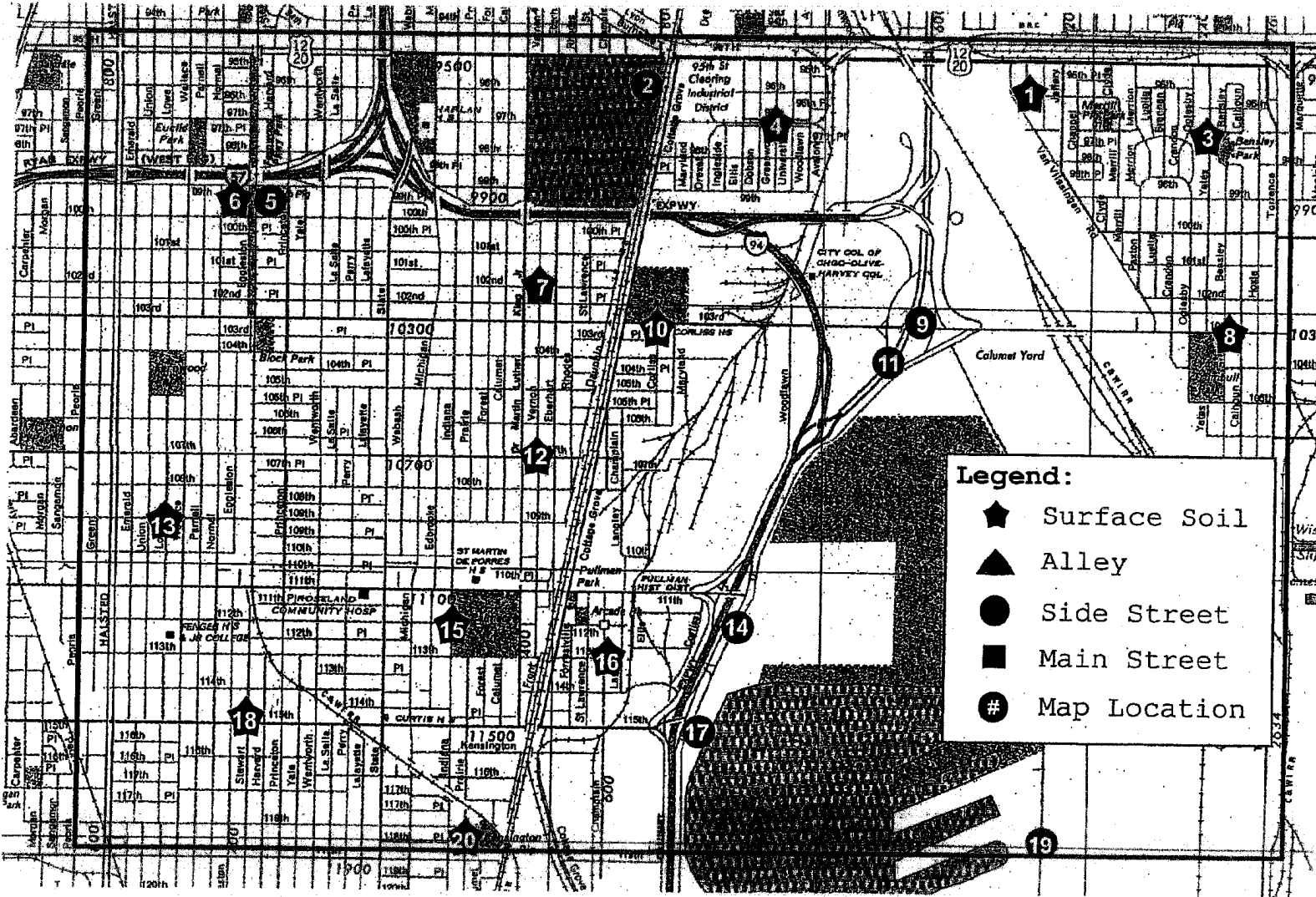
AII-38



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-9

AREA EIGHT OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



AII-39

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-16

SAMPLES 1-10 FROM AREA EIGHT (LOCATED BETWEEN 95TH ST., TORRENCE AVE., 118TH ST., AND HALSTED ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
96th & Bennett	1	Surface Soil	7/27/98	0.58	NA	4.50	69.7	0.14	NA	1.68	26.5	39.8	12,633
96th & Corliss	2	Side Street	8/10/98	1.74	NA	8.00	81.2	0.24	NA	7.41	61.2	68.3	14,284
9735 S. Yates	3	Surface Soil	7/27/98	0.38	NA	3.96	65.9	0.39	NA	1.63	15.9	19.3	10,675
97th & Greenwood	4	Surface Soil	8/10/98	0.35	NA	5.62	52.1	0.29	NA	1.43	9.19	21.3	9,992
99th & Princenton	5	Side Street	8/17/98	0.52	NA	2.85	50.8	0.00	NA	1.95	26.0	32.3	13,002
99th & Princeton	6	Surface Soil	8/17/98	0.75	NA	4.06	79.9	0.00	NA	3.78	54.3	58.3	23,577
102nd & Vernon	7	Surface Soil	8/10/98	1.65	NA	5.17	90.4	0.00	NA	2.98	42.2	45.9	13,159
10336 S. Bensley	8	Surface Soil	7/27/98	0.47	NA	6.60	141	0.24	NA	6.12	66.0	85.0	46,279
103rd & Stoney	9	Side Street	7/27/98	1.54	NA	4.38	132	0.91	NA	1.58	34.5	44.3	12,984
103rd & Corliss	10	Surface Soil	8/10/98	0.35	NA	5.43	77.6	0.10	NA	1.49	17.2	16.9	10,519

AII-40

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-16 (Continued)

SAMPLES 1-10 FROM AREA EIGHT (LOCATED BETWEEN 95TH ST., TORRENCE AVE., 118TH ST., AND HALSTED ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
96th & Bennett	1	Surface Soil	7/27/98	NA	NA	547	0.88	12.1	138	0.58	0.00	2.30	210
96th & Corliss	2	Side Street	8/10/98	0.27	NA	485	0.72	16.3	131	1.25	0.00	0.00	861
9735 S. Yates	3	Surface Soil	7/27/98	NA	NA	526	0.28	7.53	69.1	0.38	0.00	0.78	341
97th & Greenwood	4	Surface Soil	8/10/98	NA	NA	379	0.72	8.76	43.5	0.58	0.00	0.78	82.3
99th & Princenton	5	Side Street	8/17/98	NA	NA	319	0.71	9.94	61.2	0.55	0.00	2.20	147
99th & Princeton	6	Surface Soil	8/17/98	NA	NA	536	1.53	17.0	98.1	1.40	0.00	1.65	256
102nd & Vernon	7	Surface Soil	8/10/98	NA	NA	456	0.98	15.6	172	1.08	0.00	1.99	831
10336 S. Bensley	8	Surface Soil	7/27/98	NA	NA	837	6.78	34.5	415	1.47	0.00	0.00	631
103rd & Stoney	9	Side Street	7/27/98	0.07	NA	1,431	0.71	6.79	40.8	0.51	0.00	4.33	76
103rd & Corliss	10	Surface Soil	8/10/98	NA	NA	342	0.14	8.29	51.6	0.49	0.00	1.41	112

NA = No analysis.

AII-41

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-17

SAMPLES 11-20 FROM AREA EIGHT (LOCATED BETWEEN 95TH ST., TORRENCE AVE., 118TH ST., AND HALSTED ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
1 MI S. of 103rd & Stoney	11	Side Street	7/27/98	1.65	NA	5.27	120	0.03	NA	1.97	35.9	115	12,316
107th & Vernon	12	Surface Soil	8/10/98	0.74	NA	6.53	89.1	0.00	NA	2.43	31.5	35.4	12,760
109th & Lowe	13	Surface Soil	8/17/98	0.29	NA	4.09	59.7	0.20	NA	1.29	11.0	16.8	4,927
112th & Frontage Rd	14	Side Street	8/3/98	0.84	NA	5.83	84.3	0.00	NA	2.55	37.0	53.8	15,381
112th & Indiana	15	Surface Soil	8/10/98	0.22	NA	6.02	106	0.21	NA	2.23	12.0	28.5	13,508
113th & Champlain	16	Surface Soil	8/10/98	0.46	NA	5.80	345	0.54	NA	2.25	15	25	13,239
Frontage Rd & S. 115th	17	Side Street	8/3/98	1.07	NA	5.91	108	0.00	NA	3.66	84.7	72.8	20,249
115th & Stewart	18	Surface Soil	8/10/98	0.36	NA	7.10	148	0.25	NA	1.99	13	28	15,255
118th & Stony	19	Side Street	8/3/98	8.25	NA	4.04	125	0.33	NA	4.13	111	165	13,180
301 E 118th	20	Surface Soil	8/17/98	0.41	NA	4.95	140	0.30	NA	1.68	21.0	32.5	16,132

AII-42

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-17 (Continued)

SAMPLES 11-20 FROM AREA EIGHT (LOCATED BETWEEN 95TH ST., TORRENCE AVE., 118TH ST., AND HALSTED ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
1 MI S. of 103rd & Stoney	11	Side Street	7/27/98	NA	NA	642	1.84	9.14	248	0.95	0.00	3.41	158
107th & Vernon	12	Surface Soil	8/10/98	NA	NA	691	1.00	10.6	83.4	0.81	0.00	2.84	889
109th & Lowe	13	Surface Soil	8/17/98	NA	NA	161	0.32	10.1	63.4	0.30	0.00	1.40	117
112th & Frontage Rd	14	Side Street	8/3/98	0.36	NA	684	2.11	12.5	149	0.66	0.00	2.41	175
112th & Indiana	15	Surface Soil	8/10/98	NA	NA	234	1.11	13.8	111	0.44	0.00	0.00	125
113th & Champlain	16	Surface Soil	8/10/98	NA	NA	453	0.32	9.4	1513	0.64	0.00	1.12	266
Frontage Rd & S. 115th	17	Side Street	8/3/98	NA	NA	1,272	3.72	12.6	260	1.24	0.00	2.01	272
115th & Stewart	18	Surface Soil	8/10/98	NA	NA	548	0.28	13.4	284	0.52	0.00	0.00	161
118th & Stony	19	Side Street	8/3/98	0.98	NA	1,493	2.86	22.0	172	1.61	0.00	2.88	404
301 E 118th	20	Surface Soil	8/17/98	NA	NA	573	0.48	13.6	91.9	0.25	0.00	0.35	210

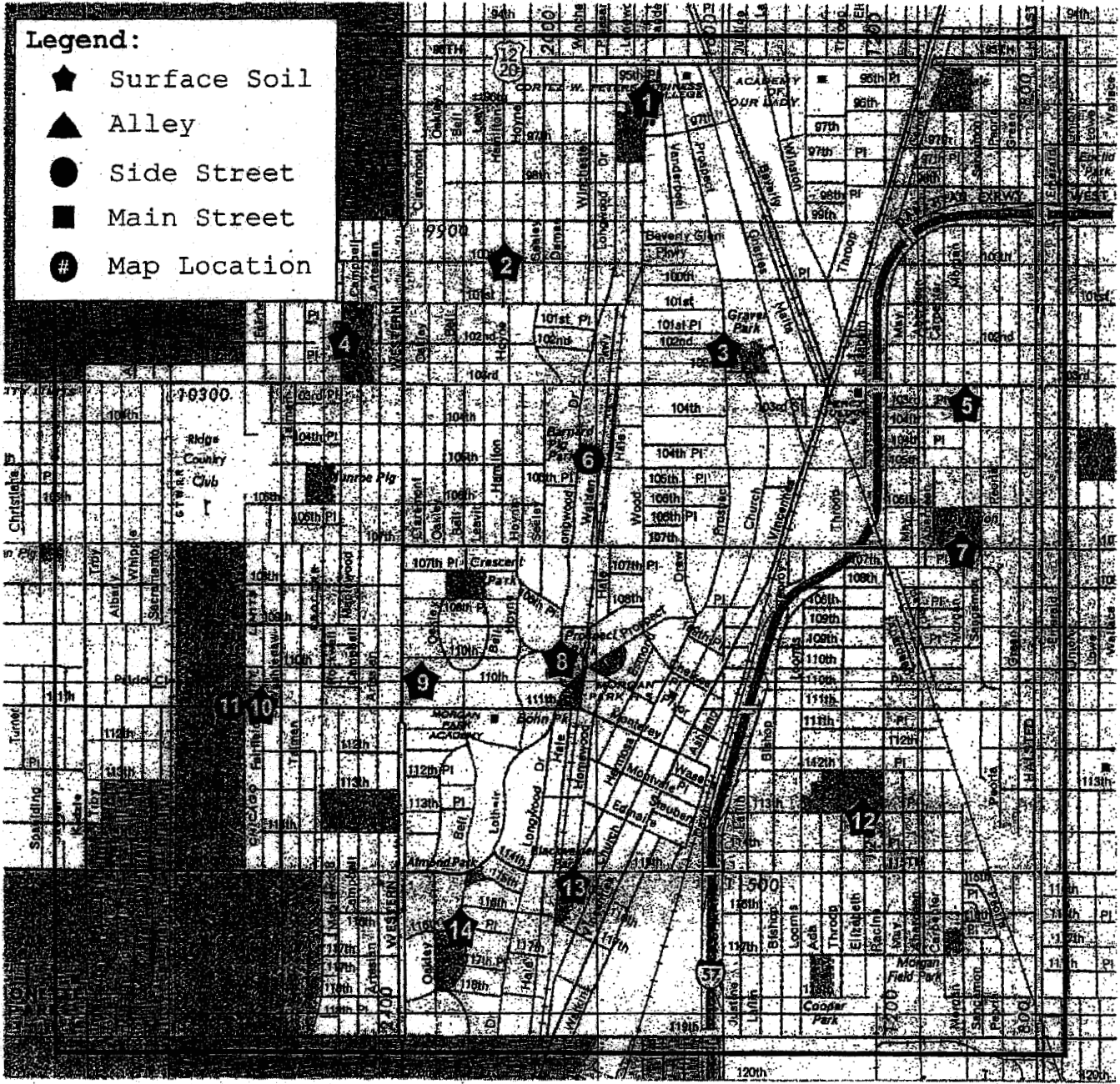
NA = No analysis.

AII-43

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-10

AREA NINE OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-18

SAMPLES 1-10 FROM AREA NINE (LOCATED BETWEEN 95TH ST., HALSTED ST., 118TH ST., AND PULASKI RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
96th & Vanderpool	1	Surface Soil	8/10/98	0.38	NA	9.67	29.3	0.05	NA	2.07	14.5	23.3	12,675
100th & Hamilton	2	Surface Soil	8/10/98	0.32	NA	6.16	58.4	0.15	NA	1.99	15.6	23.8	12,686
102nd Pl. & Prospect	3	Surface Soil	8/10/98	0.55	NA	5.00	49.1	0.02	NA	1.61	37.4	18.9	10,744
102nd & Maplewood	4	Surface Soil	8/10/98	0.33	NA	6.00	47.4	0.22	NA	1.99	10.4	20.8	13,644
103rd Pl. & Morgan	5	Surface Soil	8/10/98	0.35	NA	6.12	56.9	0.15	NA	2.90	19.1	24.2	21,243
105th & Walden Pkwy.	6	Side Street	8/10/98	0.24	NA	4.61	47.1	0.25	NA	2.52	14.2	23.4	10,165
107th & Morgan	7	Surface Soil	8/10/98	0.27	NA	5.13	33.1	0.08	NA	1.24	7.82	13.2	9,398
10944 Prospect Ave.	8	Surface Soil	8/10/98	0.14	NA	6.48	62.4	0.28	NA	2.17	10.0	19.7	15,517
110th E of Western	9	Surface Soil	8/10/98	0.33	NA	5.64	48.8	0.14	NA	1.71	24.5	22.0	12,267
111th W. OF California	10	Surface Soil	8/24/98	0.57	NA	4.28	29.5	0.05	NA	0.71	7.0	11.1	4,576

AII-45

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-18 (Continued)

SAMPLES 1-10 FROM AREA NINE (LOCATED BETWEEN 95TH ST., HALSTED ST., 118TH ST., AND PULASKI RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
96th & Vanderpool	1	Surface Soil	8/10/98	0.08	NA	275	1.16	7.28	226	0.51	0.00	1.91	789
100th & Hamilton	2	Surface Soil	8/10/98	NA	NA	304	0.82	10.5	125	0.61	0.00	0.40	211
102nd Pl. & Prospect	3	Surface Soil	8/10/98	NA	NA	845	0.66	7.49	66.5	0.73	0.00	0.83	105
102nd & Maplewood	4	Surface Soil	8/10/98	NA	NA	326	0.63	11.1	45.6	0.37	0.00	0.34	109
103rd Pl. & Morgan	5	Surface Soil	8/10/98	NA	NA	417	0.30	14.7	71.0	0.58	0.00	0.37	118
105th & Walden Pkwy.	6	Side Street	8/10/98	NA	NA	219	0.86	12.2	58.0	0.37	0.00	0.00	112
107th & Morgan	7	Surface Soil	8/10/98	NA	NA	240	0.30	7.60	28.8	0.46	0.00	0.61	64.7
10944 Prospect Ave.	8	Surface Soil	8/10/98	NA	NA	260	1.23	13.4	41.2	0.32	0.00	0.00	80.3
110th E of Western	9	Surface Soil	8/10/98	NA	NA	430	0.54	11.0	52.7	0.56	0.00	0.38	76.3
111th W. OF California	10	Surface Soil	8/24/98	NA	NA	191	0.28	4.77	27.3	0.30	0.00	0.50	55.8

NA = No analysis.

AII-46



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-19

SAMPLES 11-14 FROM AREA NINE (LOCATED BETWEEN 95TH ST., HALSTED ST., 118TH ST., AND PULASKI RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
111th W. OF California	11	Side Street	8/24/98	0.33	NA	5.07	28.5	0.00	NA	0.79	15.9	14.9	6,167	
113th & Elizabeth	12	Surface Soil	8/10/98	0.22	NA	4.23	66.6	0.08	NA	1.64	10.2	17.9	9,900	
115th & Homewood	13	Surface Soil	8/10/98	0.47	NA	6.08	58.8	0.12	NA	2.16	22.2	22.9	16,030	
116th & Bell	14	Surface Soil	8/10/98	0.52	NA	6.35	48.6	0.00	NA	1.56	29.6	28.5	11,064	

AII-47

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-19 (Continued)

SAMPLES 11-14 FROM AREA NINE (LOCATED BETWEEN 95TH ST., HALSTED ST., 118TH ST., AND PULASKI RD.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
111th W. OF California	11	Side Street	8/24/98	NA	NA	254	0.49	6.51	29.4	0.45	0.00	2.30	71.1
113th & Elizabeth	12	Surface Soil	8/10/98	NA	NA	202	0.67	9.38	69.2	0.43	0.00	0.00	227
115th & Homewood	13	Surface Soil	8/10/98	NA	NA	584	0.87	9.94	69.5	0.69	0.00	0.65	114
116th & Bell	14	Surface Soil	8/10/98	NA	NA	551	2.19	9.30	42.1	0.68	0.00	2.57	125

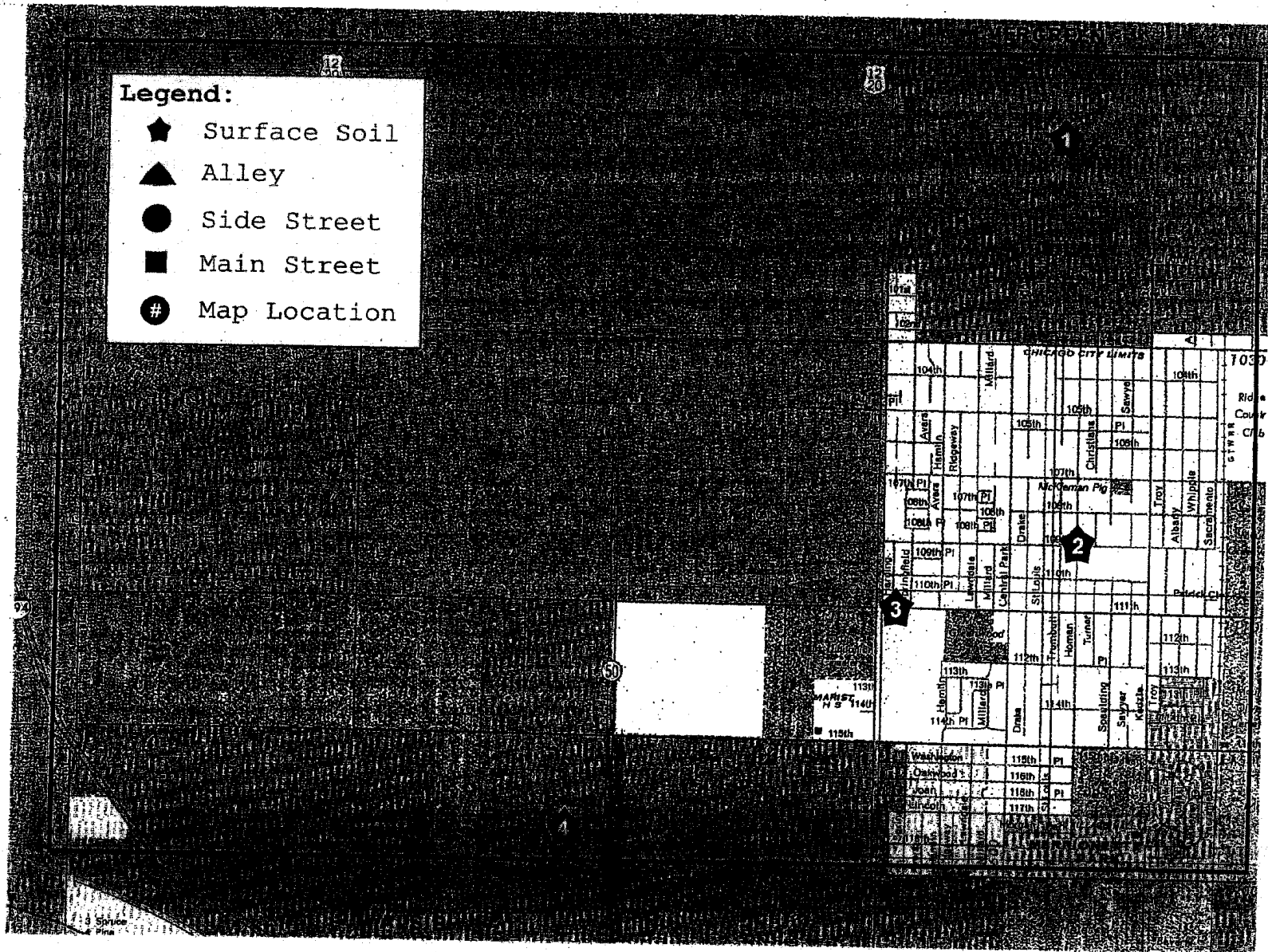
NA = No analysis.

AII-48

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII- 11

AREA TEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



AII- 49

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-20

SAMPLES 1-4 FROM AREA TEN (LOCATED BETWEEN 95TH ST., PULASKI RD., 118TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
97th & Clark Dr.	1	Surface Soil	8/24	0.24	NA	3.47	8.81	0.00	NA	0.42	2.01	4.76	4,054	
109th & Homan	2	Surface Soil	8/24	0.20	NA	3.36	56.5	0.30	NA	1.32	10.1	19.8	110	
111th E. of Pulaski	3	Surface Soil	8/24	0.32	NA	5.14	60.1	0.10	NA	1.36	24.3	26.6	13,571	
118th W of 108th PL	4	Surface Soil	8/10	0.33	NA	5.33	46.1	0.08	NA	1.34	7.48	19.6	10,063	

AII-50

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-20 (Continued)

SAMPLES 1-4 FROM AREA TEN (LOCATED BETWEEN 95TH ST., PULASKI RD., 118TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
										----- mg/Kg -----			
97th & Clark Dr.	1	Surface Soil	8/24/98	0.01	NA	116	0.00	3.01	5.20	0.15	0.00	1.30	19.4
109th & Homan	2	Surface Soil	8/24/98	NA	NA	327	0.60	9.85	51.7	0.15	0.00	0.00	93.2
111th E. of Pulaski	3	Surface Soil	8/24/98	NA	NA	367	0.73	11.3	43.2	0.20	0.00	0.70	111
118th W of 108th PL	4	Surface Soil	8/10/98	0.05	NA	288	0.34	7.67	132	0.49	0.00	1.33	100

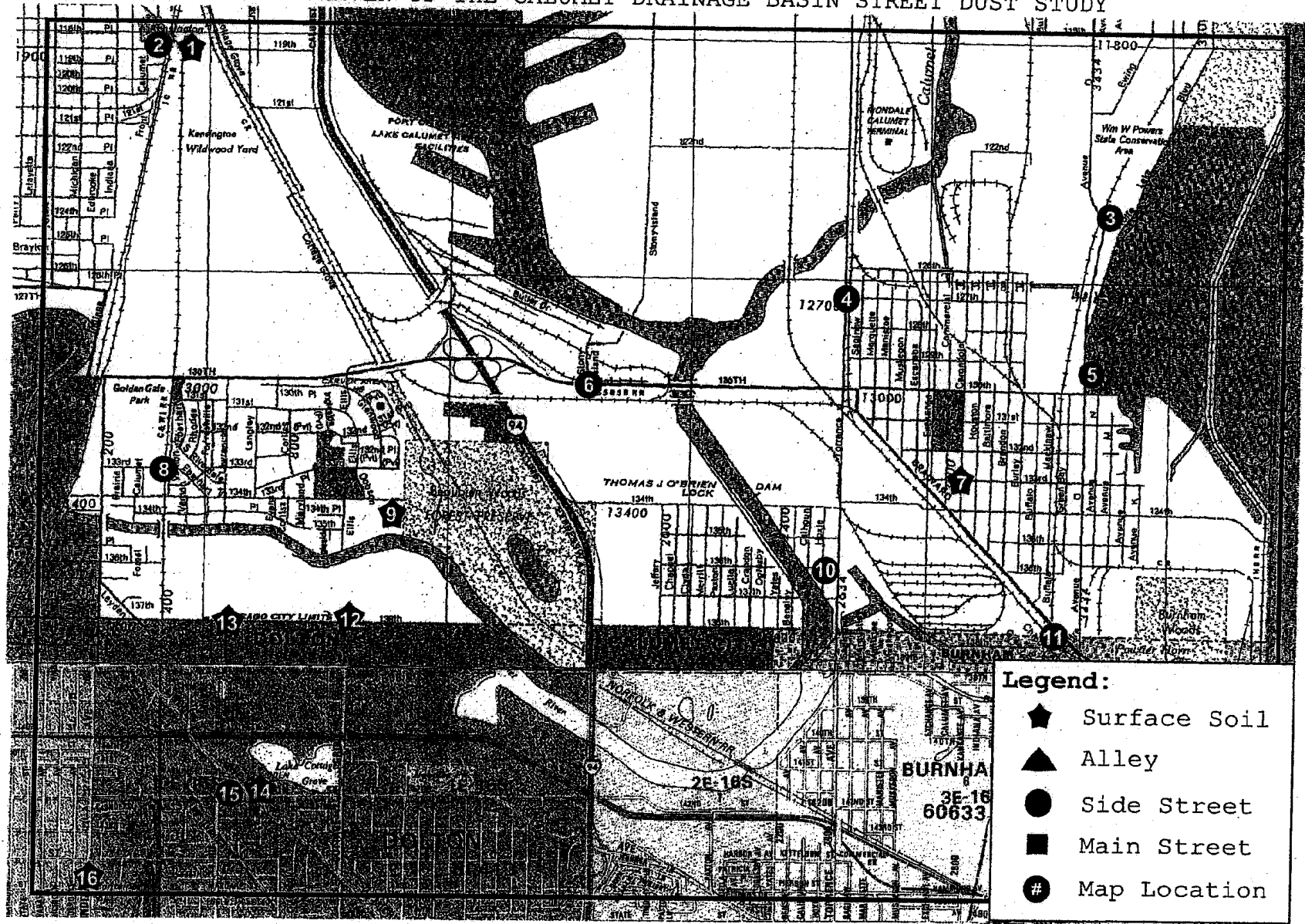
NA = No analysis.

AII-51

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-12

AREA ELEVEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



AII-52

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-21

SAMPLES 1-10 FROM AREA ELEVEN (LOCATED BETWEEN 118TH ST., IL-IN BORDER, 145TH ST., AND STATE ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Mlk Pk	1	Surface Soil	8/24/98	0.30	NA	12.2	23.7	0.10	NA	1.22	13.9	20.4	9,037
Mlk Pk	2	Side Street	8/24/98	0.42	NA	4.51	32.7	0.00	NA	1.10	34.0	20.9	9,236
N Ave. O & Wolfe Lake	3	Side Street	8/3/98	0.84	NA	3.48	77.9	0.01	NA	2.60	78.5	44.4	19,171
Torrence & 127th	4	Side Street	8/3/98	0.42	NA	3.20	44.0	0.07	NA	1.44	18.4	25.1	11,864
S Ave. O & Wolfe Lake	5	Side Street	8/3/98	1.01	NA	2.73	77.1	0.00	NA	2.00	93.0	32.3	18,658
Stoney & 130th	6	Side Street	8/3/98	2.06	NA	6.71	169	0.00	NA	7.21	161	234	60,749
13044 Carondolet	7	Surface Soil	8/3/98	0.22	NA	5.03	49.6	0.18	NA	1.58	13.3	43.4	12,914
133rd & MLK Drive	8	Side Street	8/3/98	0.77	NA	5.43	174	0.16	NA	2.14	52.0	77.8	17,425
134th & Drexel	9	Surface Soil	8/17/98	0.81	NA	4.71	59.6	0.13	NA	1.51	25.0	45.8	10,852
136th & Hoxie	10	Side Street	8/3/98	0.69	NA	5.37	70.4	0.00	NA	1.42	36.3	54.8	13,653

AII-53

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-21 (Continued)

SAMPLES 1-10 FROM AREA ELEVEN (LOCATED BETWEEN 118TH ST., IL-IN BORDER, 145TH ST., AND STATE ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Mlk Pk	1	Surface Soil	8/24/98	NA	NA	220	0.00	7.45	41.6	0.25	0.00	1.95	574
Mlk Pk	2	Side Street	8/24/98	NA	NA	309	0.13	6.15	105	0.75	0.00	3.30	186
N Ave. O & Wolfe Lake	3	Side Street	8/3/98	NA	NA	1,335	3.39	12.9	137	1.09	0.00	2.75	215
Torrence & 127th	4	Side Street	8/3/98	NA	NA	808	0.51	5.53	48.1	1.04	0.00	0.54	114
S Ave. O & Wolfe Lake	5	Side Street	8/3/98	NA	NA	2,816	2.95	7.91	75.4	1.78	0.00	2.26	123
Stoney & 130th	6	Side Street	8/3/98	NA	NA	3,562	27.5	41.3	331	1.99	0.00	3.44	943
13044 Carondolet	7	Surface Soil	8/3/98	NA	NA	404	0.41	10.4	49.8	0.28	0.00	0.00	106
133rd & MLK Drive	8	Side Street	8/3/98	NA	NA	1,514	0.73	10.2	134	0.75	0.00	3.11	197
134th & Drexel	9	Surface Soil	8/17/98	0.03	NA	1,157	0.05	12.2	45	0.29	0.00	0.96	96
136th & Hoxie	10	Side Street	8/3/98	NA	NA	1,337	2.30	6.90	32.6	0.59	0.00	4.70	108

NA = No analysis.

AII-54



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-22

SAMPLES 11-16 FROM AREA ELEVEN (LOCATED BETWEEN 118TH ST., IL-IN BORDER, 145TH ST., AND STATE ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
RR & Brainard	11	Side Street	8/3/98	0.78	NA	4.22	62.8	0.00	NA	2.05	50.2	72.5	17,286	
138th & Cottage Grove	12	Surface Soil	8/3/98	1.94	NA	4.89	72.8	0.00	NA	4.79	85.3	70.8	32,697	
138th & Central Ave.	13	Surface Soil	8/17/98	0.43	NA	3.39	37.0	0.00	NA	1.28	15.9	19.1	9,004	
Lincoln & Main	14	Surface Soil	8/19/98	0.50	NA	4.85	39.3	0.01	NA	1.53	22.6	26.9	9,568	
Lincoln & Main	15	Side Street	8/19/98	0.50	NA	4.03	42.3	0.02	NA	1.62	25.5	29.2	7,553	
145th & Indiana	16	Surface Soil	8/19/98	0.22	NA	7.80	56.6	0.27	NA	2.30	10.4	31.8	21,569	

AII-55

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-22 (Continued)

SAMPLES 11-16 FROM AREA ELEVEN (LOCATED BETWEEN 118TH ST., IL-IN BORDER, 145TH ST., AND STATE ST.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
RR & Brainard	11	Side Street	8/3/98	NA	NA	1,583	3.10	14.2	80.7	0.70	0.00	2.80	178
138th & Cottage Grove	12	Surface Soil	8/3/98	NA	NA	2,567	2.76	14.9	131	1.03	0.00	3.66	724
138th & Central Ave.	13	Surface Soil	8/17/98	NA	NA	633	1.05	6.56	55.4	0.40	0.00	1.05	162
Lincoln & Main	14	Surface Soil	8/19/98	NA	NA	478	0.51	8.28	107	0.76	0.00	2.68	216
Lincoln & Main	15	Side Street	8/19/98	NA	NA	443	0.62	8.10	113	0.73	0.00	2.27	379
145th & Indiana	16	Surface Soil	8/19/98	NA	NA	326	0.04	12.6	134	0.38	0.00	0.00	214

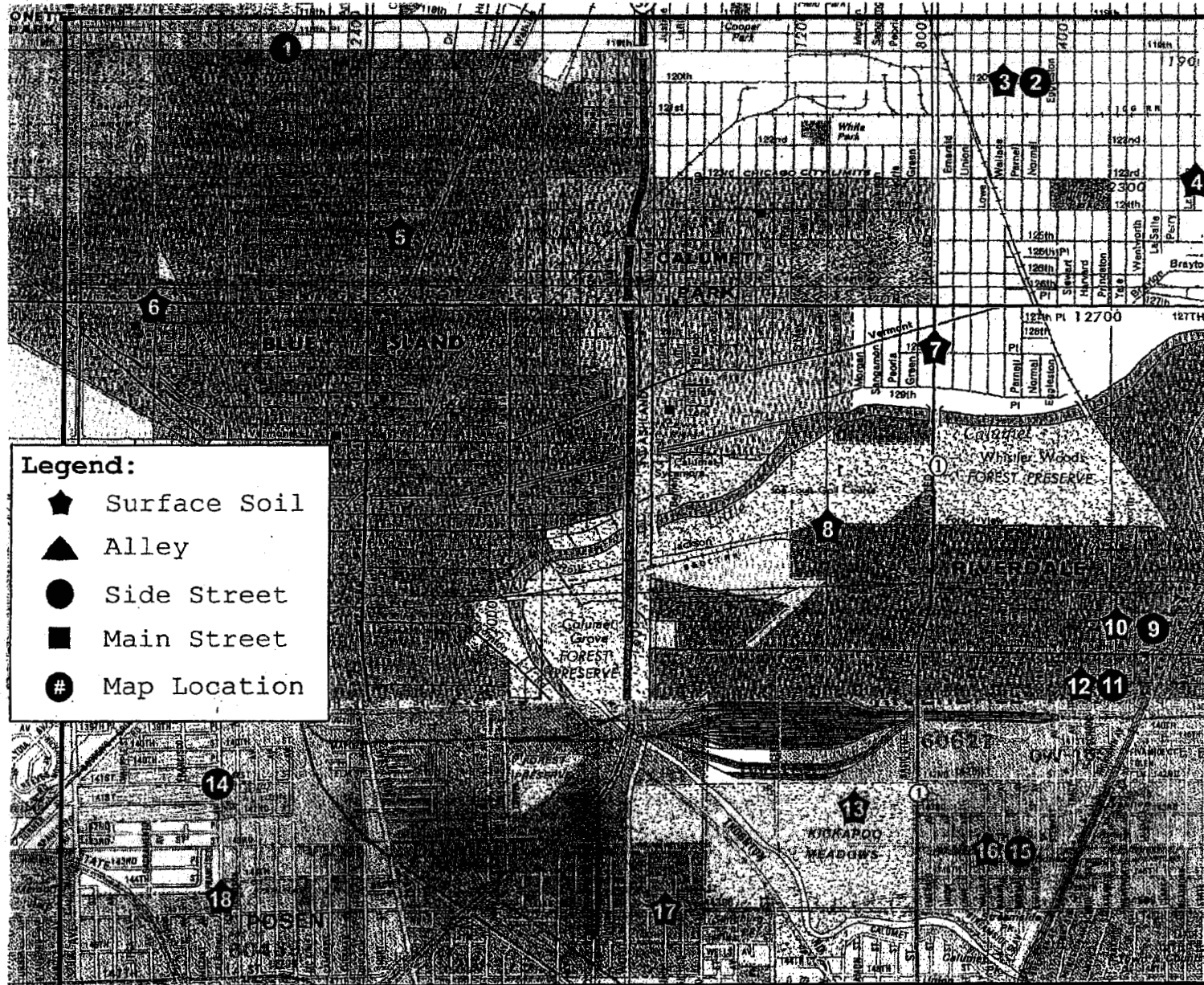
NA = No analysis.

AII-56

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-13

AREA TWELVE OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



AII-57

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-23

SAMPLES 1-10 FROM AREA TWELVE (LOCATED BETWEEN 118TH ST., STATE ST., 145TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
119th & Mt. Hope Cemetary	1	Side Street	8/24/98	0.62	NA	4.09	56.4	0.00	NA	2.06	50.1	45.8	16,830
120th & Parnell	2	Side Street	8/17/98	0.34	NA	3.45	71.9	0.00	NA	4.41	38.6	66.0	40,331
120th & Parnell	3	Surface Soil	8/17/98	1.41	NA	3.18	105	0.00	NA	4.22	168	59.4	29,504
12330 S Lafayette	4	Surface Soil	8/17/98	0.38	NA	4.23	128	0.25	NA	1.52	11.8	28.8	9,393
125th & Gregory	5	Surface Soil	8/10/98	0.49	NA	5.80	75.1	0.00	NA	2.59	46.2	37.4	14,461
127th & Sacramento	6	Surface Soil	8/24/98	0.22	NA	5.52	69.9	0.20	NA	1.70	15.9	29.3	15,161
128th & Halsted	7	Surface Soil	8/10/98	1.43	NA	2.39	42.2	0.00	NA	1.44	221	20.3	11,816
134th & Forest View Ave.	8	Surface Soil	8/17/98	0.32	NA	6.49	157	0.10	NA	1.36	10.2	22.1	10,851
13719 S Wentworth	9	Side Street	8/17/98	0.52	NA	4.48	40.8	0.00	NA	1.13	33.7	28.7	10,143
13719 S Wentworth	10	Surface Soil	8/17/98	0.32	NA	4.14	53.5	0.25	NA	1.37	13.5	19.0	12,016

AII-58

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-23 (Continued)

SAMPLES 1-10 FROM AREA TWELVE (LOCATED BETWEEN 118TH ST., STATE ST., 145TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn	
119th & Mt. Hope Cemetary	1	Side Street	8/24/98	NA	NA	559	0.90	7.70	81.7	0.80	0.00	2.55	116	
120th & Parnell	2	Side Street	8/17/98	NA	NA	421	1.04	77.3	438	0.57	0.00	0.03	1,169	
120th & Parnell	3	Surface Soil	8/17/98	NA	NA	3,046	3.06	11.4	443	2.04	0.00	1.88	279	
12330 S Lafayette	4	Surface Soil	8/17/98	NA	NA	576	0.37	7.65	180	0.35	0.00	0.70	223	
125th & Gregory	5	Surface Soil	8/10/98	0.12	NA	444	0.83	9.96	61.5	1.21	0.00	2.60	217	
127th & Sacramento	6	Surface Soil	8/24/98	0.08	NA	338	0.32	15.1	60.9	0.10	0.00	0.00	109	
128th & Halsted	7	Surface Soil	8/10/98	0.07	NA	3,241	3.51	21.9	44.2	1.88	0.00	0.62	94.4	
134th & Forest View Ave.	8	Surface Soil	8/17/98	NA	NA	336	0.05	12.2	45.0	0.30	0.00	0.95	96.0	
13719 S Wentworth	9	Side Street	8/17/98	NA	NA	434	0.64	6.3	78.8	0.60	0.00	4.50	129	
13719 S Wentworth	10	Surface Soil	8/17/98	NA	NA	316	0.00	11.9	78.6	0.25	0.00	1.20	139	

NA = No analysis.

AII-59

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-24

SAMPLES 11-18 FROM AREA TWELVE (LOCATED BETWEEN 118TH ST., STATE ST., 145TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Tracy & School St	11	Side Street	8/19/98	0.44	NA	4.90	48.9	0.00	NA	3.32	65.3	56.6	24,883
13911 S. Tracy	12	Surface Soil	8/19/98	0.51	NA	5.05	84.3	0.00	NA	1.53	29.5	30.9	9,887
143rd & Sagamon	13	Surface Soil	8/19/98	0.86	NA	6.20	91.1	0.01	NA	1.92	28.1	83.5	14,103
141st & California	14	Side Street	8/24/98	0.14	NA	3.40	60.2	0.30	NA	1.36	12.4	19.3	11,267
144th & Parnell	15	Surface Soil	8/19/98	0.64	NA	6.27	48.5	0.00	NA	1.87	29.1	48.3	11,547
144th & Parnell	16	Side Street	8/19/98	0.64	NA	5.82	49.7	0.06	NA	1.62	42.8	40.9	16,098
143rd & Paulina	17	Surface Soil	8/24/98	0.35	NA	4.15	16.6	0.00	NA	0.68	4.29	11.2	5,020
145th & California	18	Surface Soil	8/24/98	0.21	NA	3.44	37.6	0.15	NA	0.88	7.68	12.8	7,527

AII-60

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-24 (Continued)

SAMPLES 11-18 FROM AREA TWELVE (LOCATED BETWEEN 118TH ST., STATE ST., 145TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
Tracy & School St	11	Side Street	8/19/98	NA	NA	590	1.15	12.3	108	0.82	0.00	2.22	262
13911 S. Tracy	12	Surface Soil	8/19/98	NA	NA	666	0.63	9.86	138	0.50	0.00	2.25	259
143rd & Sagamon	13	Surface Soil	8/19/98	NA	NA	382	0.01	14.2	173	0.28	0.00	1.32	259
141st & California	14	Side Street	8/24/98	NA	NA	159	0.04	11.6	51.6	0.00	0.00	0.00	240
144th & Parnell	15	Surface Soil	8/19/98	NA	NA	646	0.02	15.2	138	0.43	0.00	2.86	648
144th & Parnell	16	Side Street	8/19/98	NA	NA	809	0.21	10.5	95.6	0.48	0.00	2.97	1,646
143rd & Paulina	17	Surface Soil	8/24/98	NA	NA	163	0.00	4.61	22.4	0.30	0.00	4.70	68.8
145th & California	18	Surface Soil	8/24/98	NA	NA	186	0.04	8.30	34.2	0.15	0.00	1.00	76.3

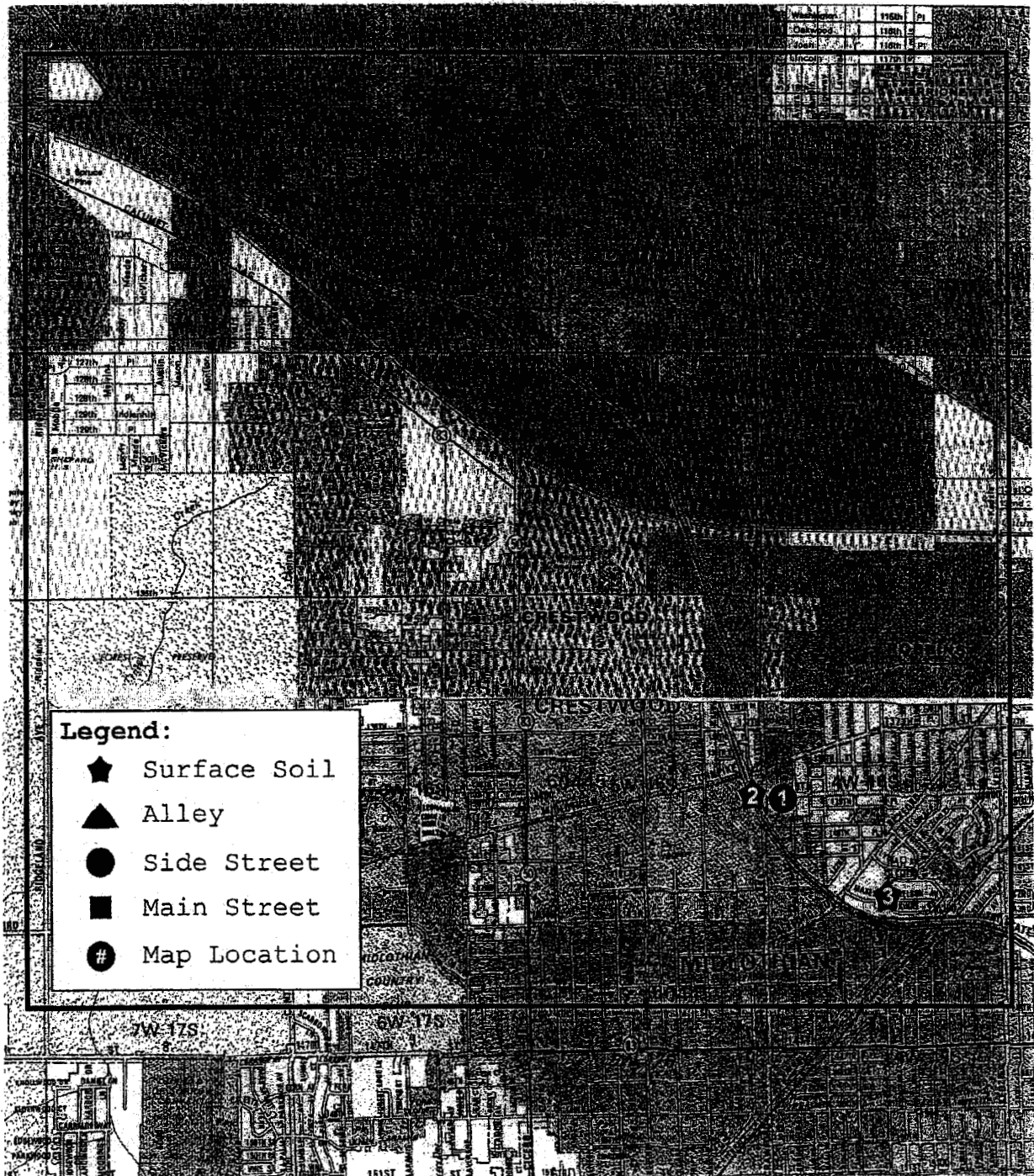
NA = No analysis.

AII-61

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII - 14

AREA THIRTEEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY





METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-25

SAMPLES 1-3 FROM AREA THIRTEEN (LOCATED BETWEEN 118TH ST., KEDZIE AVE., 145TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
139th & Pulaski	1	Side Street	8/24/98	0.45	NA	8.13	55.9	0.25	NA	2.63	17.5	35.6	17,962	
139th & Pulaski	2	Surface Soil	8/24/98	1.42	NA	7.63	83.0	0.25	NA	7.10	68.2	72.4	11,074	
142nd & Dolton Ave.	3	Surface Soil	8/17/98	1.19	NA	3.25	27.4	0.00	NA	2.70	59.9	11.8	36,352	

AII-63

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-25 (Continued)

SAMPLES 1-3 FROM AREA THIRTEEN (LOCATED BETWEEN 118TH ST., KEDZIE AVE., 145TH ST., AND RIDGELAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn	
139th & Pulaski	1	Side Street	8/24/98	NA	NA	536	0.26	14.3	77.5	0.20	0.00	0.65	183	
139th & Pulaski	2	Surface Soil	8/24/98	0.07	NA	154	0.41	12.9	205	0.65	0.00	0.00	237	
142nd & Dolton Ave.	3	Surface Soil	8/17/98	NA	NA	3,131	0.79	6.05	20.4	0.67	0.00	0.99	91.8	

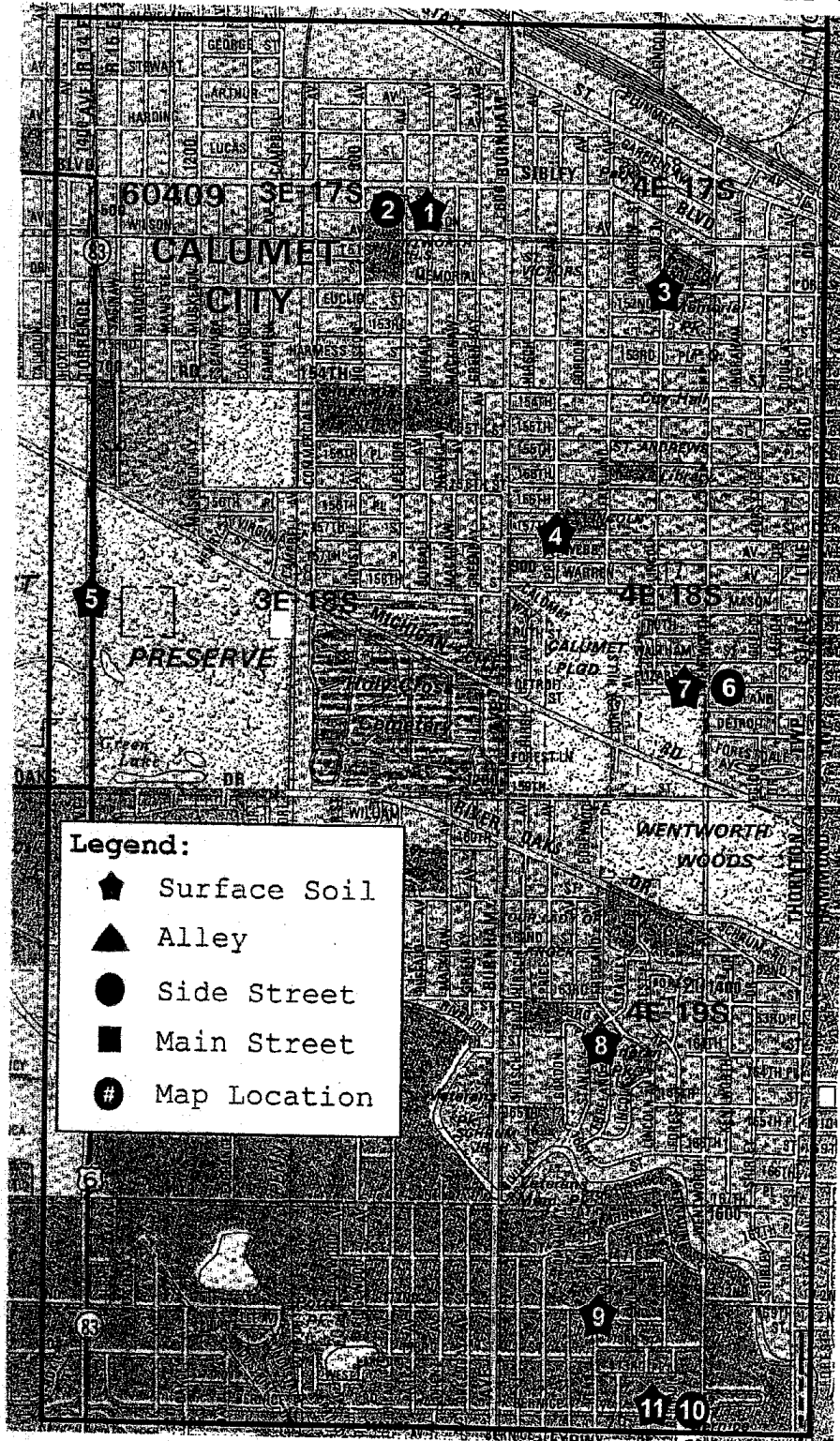
NA = No analysis.

AII-64

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-15

AREA FOURTEEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-26

SAMPLES 1-11 FROM AREA FOURTEEN (LOCATED BETWEEN 145TH ST., IL-IN BORDER, 175TH ST. , AND TORRENCE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
543 E of Superior	1	Surface Soil	8/17/98	0.26	NA	6.25	27.8	0.05	NA	1.02	11.4	9.09	9,563
543 E of Superior	2	Side Street	8/17/98	0.38	NA	5.22	37.8	0.05	NA	1.48	22.2	13.9	18,212
152nd & Lincoln	3	Surface Soil	8/17/98	0.13	NA	3.10	26.0	0.10	NA	0.66	3.26	6.21	112
157th & Price	4	Surface Soil	8/17/98	0.17	NA	3.96	86.3	0.10	NA	1.00	13.6	21.4	486
Torrence N of 159th	5	Surface Soil	8/17/98	0.17	NA	4.80	26.0	0.00	NA	0.85	4.66	10.5	6,464
Elizabeth W. of Lincoln	6	Side Street	8/17/98	0.22	NA	6.53	23.6	0.05	NA	1.30	20.5	25.7	10,584
Elizabeth W. of Lincoln	7	Surface Soil	8/17/98	0.27	NA	3.62	34.5	0.10	NA	1.25	9.25	21.4	10,836
164th & Freeland	8	Surface Soil	8/17/98	0.13	NA	2.07	37.1	0.10	NA	0.87	8.75	13.2	386
172nd & Grant	9	Surface Soil	8/17/98	0.17	NA	2.73	37.6	0.20	NA	0.92	14.9	15.0	8,485
Bernice & Bernadine	10	Side Street	8/17/98	0.42	NA	4.50	20.5	0.00	NA	0.64	11.3	11.0	6,120
Bernice & Bernadine	11	Surface Soil	8/17/98	0.32	NA	3.83	48.9	0.30	NA	1.37	12.0	41.3	13,295

AII-66

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-26 (Continued)

SAMPLES 1-11 FROM AREA FOURTEEN (LOCATED BETWEEN 145TH ST., IL-IN BORDER, 175TH ST. , AND TORRENCE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
543 E of Superior	1	Surface Soil	8/17/98	0.03	NA	400	0.00	4.99	25.9	0.20	0.00	0.55	79.9
543 E of Superior	2	Side Street	8/17/98	NA	NA	636	0.31	8.33	42.1	0.30	0.00	0.90	67.5
152nd & Lincoln	3	Surface Soil	8/17/98	NA	NA	139	0.32	5.19	22.1	0.20	0.00	0.35	76.1
157th & Price	4	Surface Soil	8/17/98	0.06	NA	217	0.06	6.24	65.0	0.35	0.00	0.00	102
Torrence N of 159th	5	Surface Soil	8/17/98	0.05	NA	173	0.07	4.88	51.5	0.30	0.00	0.30	70.2
Elizabeth W. of Lincoln	6	Side Street	8/17/98	NA	NA	222	0.22	11.6	47.0	0.50	0.00	0.55	120
Elizabeth W. of Lincoln	7	Surface Soil	8/17/98	0.05	NA	305	0.67	62.6	26.5	0.50	0.00	0.40	118
164th & Freeland	8	Surface Soil	8/17/98	NA	NA	184	0.21	6.23	18.0	0.10	0.00	0.00	242
172nd & Grant	9	Surface Soil	8/17/98	NA	NA	202	0.03	8.28	63.0	0.25	0.00	0.00	67.0
Bernice & Bernadine	10	Side Street	8/17/98	NA	NA	258	0.00	3.91	13.4	0.55	0.00	5.00	59.1
Bernice & Bernadine	11	Surface Soil	8/17/98	NA	NA	250	0.00	11.9	42.5	0.20	0.00	1.45	282

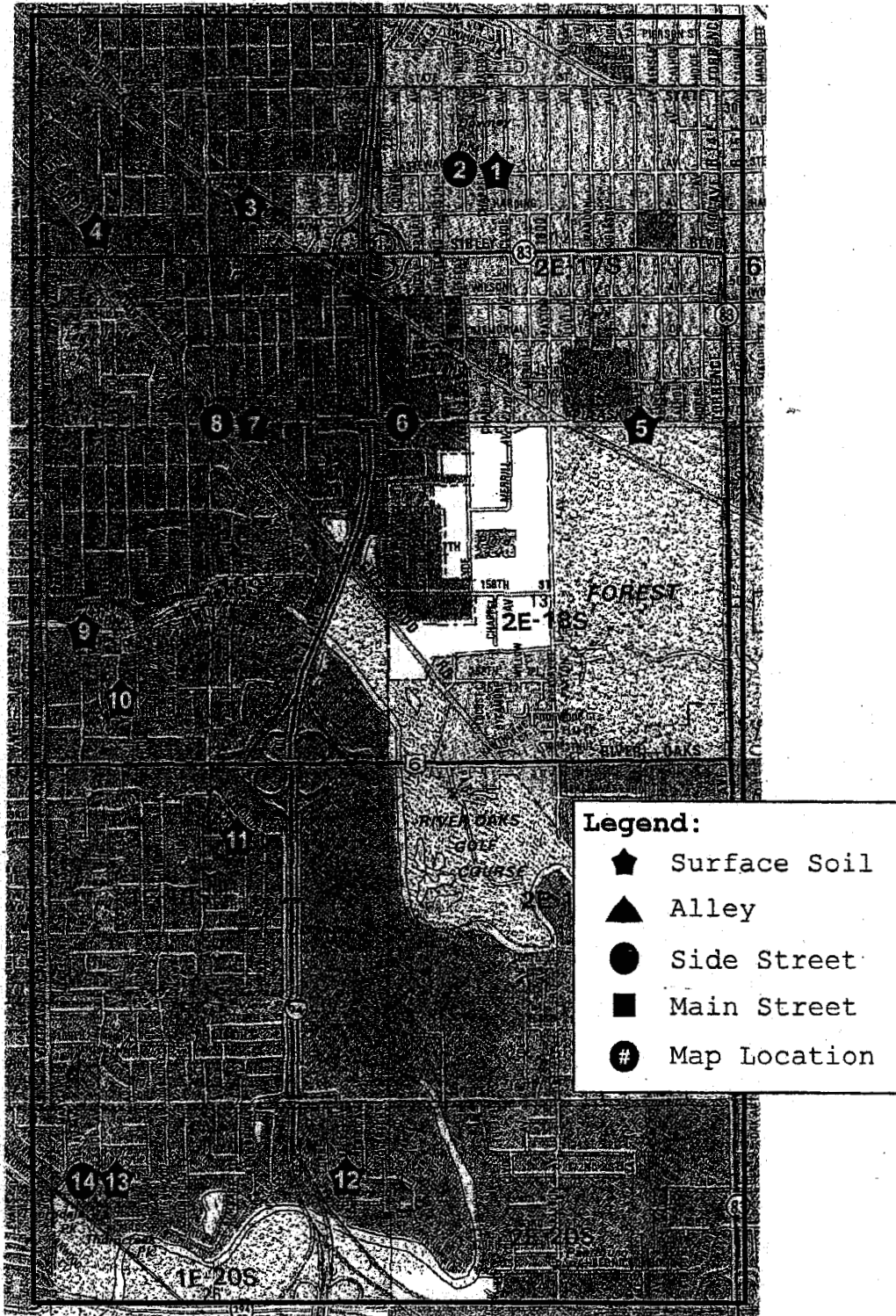
NA = No analysis.

AII-67

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII - 16

AREA FIFTEEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-27

SAMPLES 1-10 FROM AREA FIFTEEN (LOCATED BETWEEN 145TH ST., TORRENCE AVE., 175TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Stewart W. of Chappel	1	Surface Soil	8/17/98	0.17	NA	3.52	24.1	0.05	NA	0.73	10.0	10.6	6,945
Stewart W. of Chappel	2	Side Street	8/17/98	0.40	NA	4.10	21.4	0.00	NA	1.06	24.5	14.9	13,042
Kimbark & Michigan City	3	Surface Soil	8/19/98	0.40	NA	4.57	32.9	0.06	NA	1.48	12.5	13.3	8,751
Irving & Engle	4	Surface Soil	8/19/98	0.21	NA	6.48	140	0.11	NA	1.23	22.4	14.4	8,878
154th & Yates	5	Surface Soil	8/17/98	0.20	NA	4.67	24.9	0.05	NA	0.70	14.2	6.11	6,916
650W. 154th st	6	Side Street	8/19/98	0.07	NA	6.83	23.9	0.04	NA	1.01	7.52	10.7	8,537
154th & Greenwood	7	Surface Soil	8/19/98	0.04	NA	2.81	29.3	0.08	NA	0.69	5.40	6.51	5,955
154th & Greenwood	8	Side Street	8/19/98	0.46	NA	4.63	51.5	0.12	NA	1.73	42.0	57.0	15,154
Riverview Dr. & Drexel	9	Surface Soil	8/19/98	0.18	NA	5.55	43.9	0.23	NA	1.27	13.0	16.9	11,446
160th & Riverside	10	Surface Soil	8/19/98	0.22	NA	5.23	82.8	0.30	NA	1.38	8.56	24.2	14,457

AII-69

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-27 (Continued)

SAMPLES 1-10 FROM AREA FIFTEEN (LOCATED BETWEEN 145TH ST., TORRENCE AVE., 175TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Stewart W. of Chappel	1	Surface Soil	8/17/98	NA	NA	160	0.07	5.55	27.6	0.45	0.00	0.50	47.9
Stewart W. of Chappel	2	Side Street	8/17/98	NA	NA	373	0.19	5.31	14.9	0.65	0.00	3.10	69.8
Kimbark & Michigan City	3	Surface Soil	8/19/98	NA	NA	320	0.10	6.64	40.8	0.86	0.00	0.71	117
Irving & Engle	4	Surface Soil	8/19/98	NA	NA	257	0.06	6.03	147	0.45	0.00	0.46	247
154th & Yates	5	Surface Soil	8/17/98	NA	NA	189	0.00	4.77	54.4	0.40	0.00	0.65	32.2
650W. 154th st	6	Side Street	8/19/98	NA	NA	141	0.17	9.22	34.1	0.07	0.00	0.00	764
154th & Greenwood	7	Surface Soil	8/19/98	NA	NA	80.9	0.98	4.63	18.5	0.09	0.00	0.00	134
154th & Greenwood	8	Side Street	8/19/98	NA	NA	511	0.65	10.7	103	0.69	0.00	1.94	329
Riverview Dr. & Drexel	9	Surface Soil	8/19/98	NA	NA	338	0.00	12.3	42.1	0.11	0.00	0.00	177
160th & Riverside	10	Surface Soil	8/19/98	0.17	NA	348	0.00	12.7	58.1	0.09	0.00	0.19	91.4

NA = No analysis.

AII-70



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-28

SAMPLES 11-14 FROM AREA FIFTEEN (LOCATED BETWEEN 145TH ST., TORRENCE AVE., 175TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	mg/Kg										
				Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe	
16450 S Kenwood	11	Surface Soil	8/19/98	0.10	NA	2.27	58.2	0.43	NA	1.31	13.6	17.5	13,859	
172nd & Everett	12	Surface Soil	8/19/98	0.27	NA	5.81	46.0	0.16	NA	1.99	16.8	24.0	13,052	
172nd & Ingleside	13	Surface Soil	8/19/98	0.20	NA	4.73	29.0	0.04	NA	1.03	9.76	11.4	7,605	
172nd & Ingleside	14	Side Street	8/19/98	0.25	NA	5.75	11.5	0.04	NA	0.52	3.49	5.95	4,463	

AII-71

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-28 (Continued)

SAMPLES 11-14 FROM AREA FIFTEEN (LOCATED BETWEEN 145TH ST., TORRENCE AVE., 175TH ST., AND COTTAGE GROVE) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
16450 S Kenwood	11	Surface Soil	8/19/98	NA	NA	267	0.00	16.3	35.9	0.08	0.00	0.00	94.1
172nd & Everett	12	Surface Soil	8/19/98	0.11	NA	299	0.00	10.8	41.5	0.04	0.00	0.24	162
172nd & Ingleside	13	Surface Soil	8/19/98	0.01	NA	171	0.03	5.94	35.1	0.21	0.00	0.68	140
172nd & Ingleside	14	Side Street	8/19/98	NA	NA	112	0.00	3.17	12.8	0.12	0.00	2.39	34.3

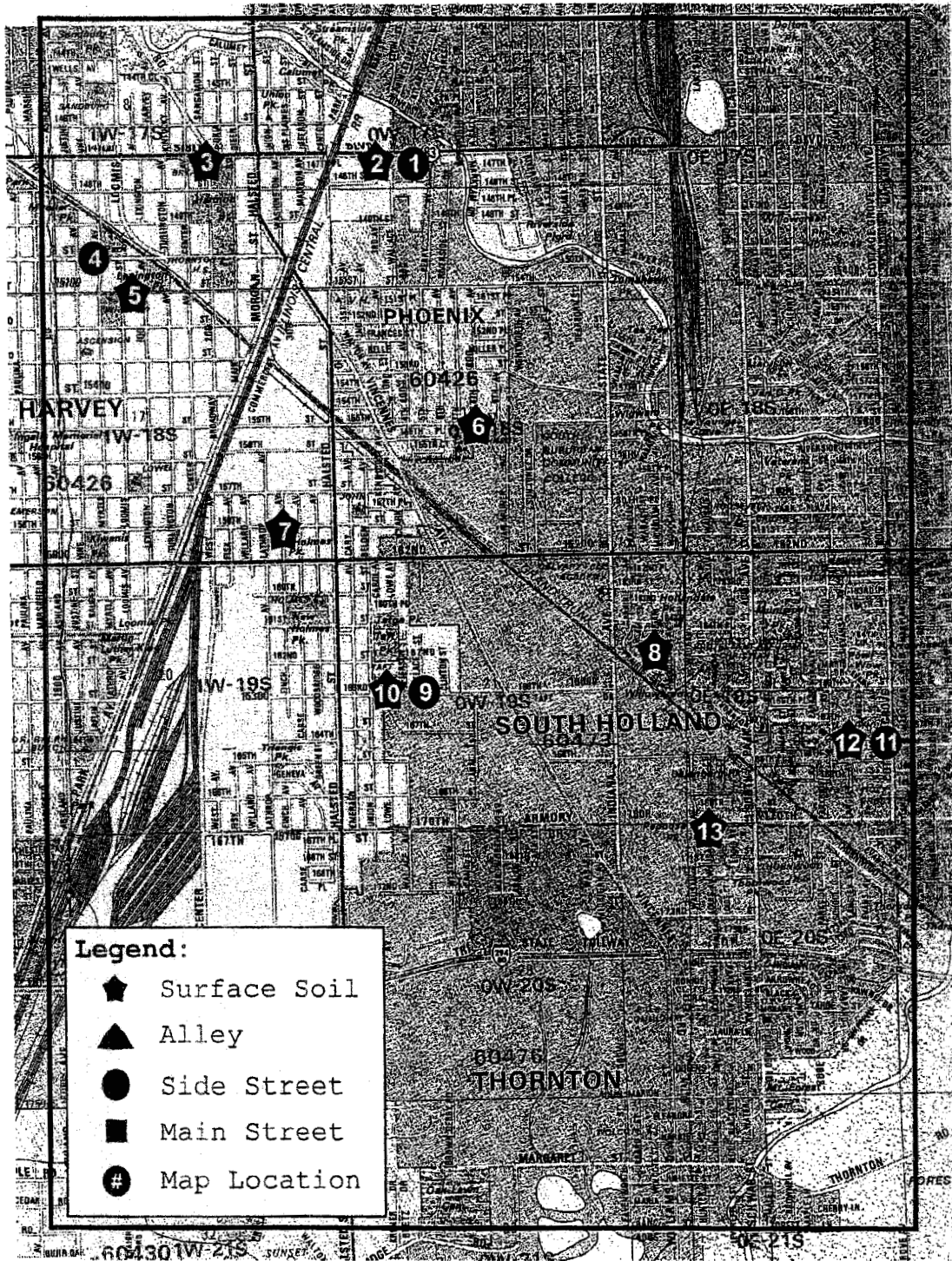
NA = No analysis.

AII-72

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-17

AREA SIXTEEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-29

SAMPLES 1-10 FROM AREA SIXTEEN (LOCATED BETWEEN 145TH ST., COTTAGE GROVE, 175TH ST., AND ASHLAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
14750 Wallace	1	Side Street	8/19/98	0.43	NA	5.38	35.5	0.06	NA	1.59	28.8	35.8	14,795
14750 Wallace	2	Surface Soil	8/19/98	0.52	NA	4.01	61.4	0.69	NA	1.13	20.8	18.8	10,688
Sibley & Broadway	3	Surface Soil	8/19/98	0.39	NA	5.19	49.9	0.17	NA	1.50	23.4	19.7	10,708
Thorton Rd (E. of Ashland)	4	Side Street	8/24/98	1.77	NA	4.41	266	0.30	NA	2.03	15.2	174	13,702
152nd & Loomis	5	Surface Soil	8/24/98	0.49	NA	4.19	86.1	0.85	NA	1.56	16.1	41.8	12,002
155th & 8th Ave.	6	Surface Soil	8/19/98	0.29	NA	3.41	48.0	0.11	NA	1.32	16.5	23.5	10,195
158th & Finch	7	Surface Soil	8/19/98	0.27	NA	3.11	104	1.14	NA	1.61	10.0	24.3	10,229
164th & Michigan	8	Surface Soil	8/19/98	0.07	NA	2.45	59.3	0.57	NA	1.53	14.5	18.3	15,463
Taft & Jefferson	9	Side Street	8/19/98	0.32	NA	5.08	28.4	0.03	NA	0.99	19.8	12.3	7,896
Taft & Jefferson	10	Surface Soil	8/19/98	0.32	NA	5.92	36.5	0.16	NA	1.15	31.6	23.6	9,777

AII-74

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-29 (Continued)

SAMPLES 1-10 FROM AREA SIXTEEN (LOCATED BETWEEN 145TH ST., COTTAGE GROVE, 175TH ST., AND ASHLAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
----- mg/Kg -----													
14750 Wallace	1	Side Street	8/19/98	NA	NA	394	0.00	14.4	59.3	0.17	0.00	3.62	289
14750 Wallace	2	Surface Soil	8/19/98	NA	NA	598	0.00	6.81	34.3	0.15	0.00	3.41	193
Sibley & Broadway	3	Surface Soil	8/19/98	NA	NA	462	0.00	10.4	89.0	0.43	0.00	2.55	248
Thorton Rd (E. of Ashland)	4	Side Street	8/24/98	0.09	NA	336	1.37	18.0	263	0.75	0.00	0.00	656
152nd & Loomis	5	Surface Soil	8/24/98	NA	NA	459	0.07	13.2	68.0	0.20	0.00	0.00	195
155th & 8th Ave.	6	Surface Soil	8/19/98	NA	NA	335	0.10	10.4	40.1	0.14	0.00	0.85	180
158th & Finch	7	Surface Soil	8/19/98	0.07	NA	499	0.11	10.7	325	0.31	0.00	0.08	194
164th & Michigan	8	Surface Soil	8/19/98	NA	NA	231	0.00	19.2	33.8	0.00	0.00	0.00	1,153
Taft & Jefferson	9	Side Street	8/19/98	NA	NA	224	0.00	5.34	60.7	0.29	0.00	3.55	105
Taft & Jefferson	10	Surface Soil	8/19/98	NA	NA	303	0.06	9.59	165	0.48	0.00	2.43	161

NA = No analysis.

AII-75

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-30

SAMPLES 11-13 FROM AREA SIXTEEN (LOCATED BETWEEN 145TH ST., COTTAGE GROVE, 175TH ST., AND ASHLAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
168th & Evers	11	Side Street	8/19/98	0.58	NA	5.49	35.2	0.05	NA	1.50	50.9	26.7	11,278
168th & Evers	12	Surface Soil	8/19/98	0.33	NA	4.87	45.8	0.26	NA	1.61	68.7	20.5	13,377
170th PL & Wasau	13	Surface Soil	8/19/98	0.11	NA	4.23	48.6	0.40	NA	1.59	16.1	19.1	13,521

AII-76

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-30 (Continued)

SAMPLES 11-13 FROM AREA SIXTEEN (LOCATED BETWEEN 145TH ST., COTTAGE GROVE, 175TH ST., AND ASHLAND AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	----- mg/Kg -----										
				Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn	
168th & Evers	11	Side Street	8/19/98	NA	NA	377	0.81	8.35	129	0.86	0.00	3.72	209	
168th & Evers	12	Surface Soil	8/19/98	0.02	NA	314	0.00	9.80	230	0.66	0.00	1.81	199	
170th PL & Wasau	13	Surface Soil	8/19/98	NA	NA	163	0.39	14.4	36.5	0.08	0.00	0.00	700	

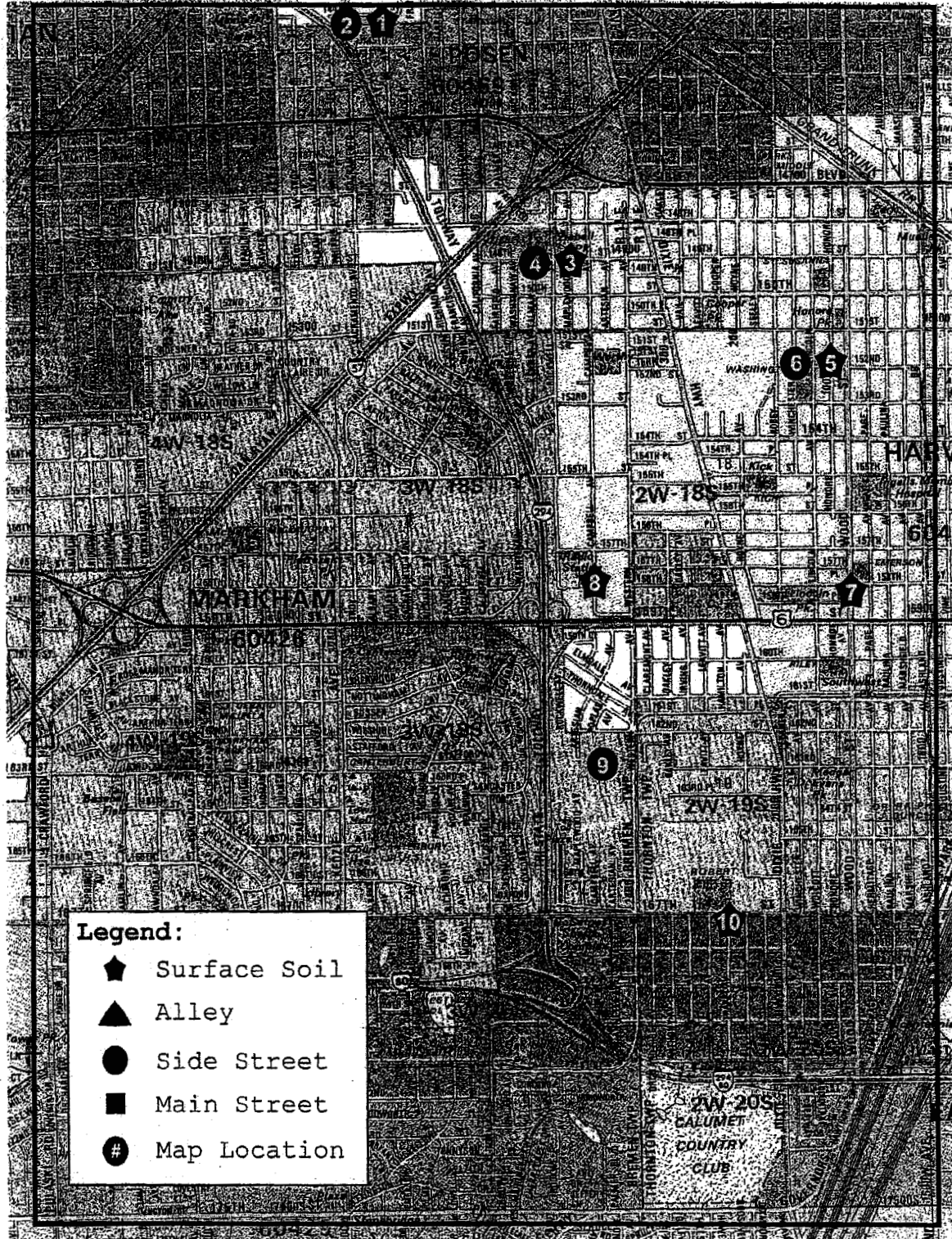
NA = No analysis.

AII-77

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

FIGURE AII-18

AREA SEVENTEEN OF THE CALUMET DRAINAGE BASIN STREET DUST STUDY





METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-31

SAMPLES 1-10 FROM AREA SEVENTEEN (LOCATED BETWEEN 145TH ST., ASHLAND AVE., 175TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Ag	Al	As	Ba	Be	Ca	Cd	Cr	Cu	Fe
Lydia & Emery	1	Surface Soil	8/24/98	0.30	NA	5.05	52.4	0.20	NA	1.86	12.5	17.8	14,774
Lydia & Emery	2	Side Street	8/24/98	0.41	NA	4.33	26.7	0.00	NA	1.25	25.1	27.3	13,578
149th & Rockwell	3	Surface Soil	8/24/98	0.27	NA	3.46	23.7	0.05	NA	0.76	11.7	45.9	5,624
149th & Rockwell	4	Side Street	8/24/98	0.32	NA	4.80	17.9	0.00	NA	0.67	8.68	12.4	5,801
15238 & Lincoln	5	Surface Soil	8/24/98	0.38	NA	4.01	33.1	0.15	NA	1.38	10.0	27.7	7,197
15238 & Lincoln	6	Side Street	8/24/98	0.37	NA	4.09	48.6	0.05	NA	1.48	20.5	39.0	9,725
158th & Wood	7	Surface Soil	8/24/98	0.24	NA	7.54	77.5	0.50	NA	1.89	21.0	32.4	17,666
158th & Campbell	8	Surface Soil	8/24/98	0.22	NA	3.47	21.3	0.15	NA	0.92	5.62	12.6	6,038
York & Sanders	9	Side Street	8/24/98	1.20	NA	4.66	104	0.00	NA	4.48	26.0	358	22,701
167th & Trapet	10	Surface Soil	8/24/98	0.28	NA	3.99	53.2	0.15	NA	1.39	33.9	28.5	9,645

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

TABLE AII-31 (Continued)

SAMPLES 1-10 FROM AREA SEVENTEEN (LOCATED BETWEEN 145TH ST., ASHLAND AVE., 175TH ST., AND KEDZIE AVE.) COLLECTED IN 1995 AND 1998 FROM THE CALUMET DRAINAGE BASIN STREET DUST STUDY

Sample Name	Map Location	Sample Type	Sample Date	Hg	Mg	Mn	Mo	Ni	Pb	Sb	Se	Tl	Zn
				----- mg/Kg -----									
Lydia & Emery	1	Surface Soil	8/24/98	NA	NA	341	0.06	8.85	51.4	0.10	0.00	0.85	88.0
Lydia & Emery	2	Side Street	8/24/98	NA	NA	272	0.10	7.03	32.6	0.45	0.00	3.20	98.3
149th & Rockwell	3	Surface Soil	8/24/98	0.01	NA	157	0.00	6.85	67.0	0.20	0.00	1.85	137
149th & Rockwell	4	Side Street	8/24/98	NA	NA	179	0.00	5.38	30.1	0.20	0.00	3.40	61.7
15238 & Lincoln	5	Surface Soil	8/24/98	NA	NA	249	0.59	7.82	41.2	0.25	0.00	3.10	356
15238 & Lincoln	6	Side Street	8/24/98	NA	NA	213	1.40	9.35	65.0	0.65	0.00	3.45	203
158th & Wood	7	Surface Soil	8/24/98	NA	NA	481	0.41	15.2	110	0.25	0.00	0.00	185
158th & Campbell	8	Surface Soil	8/24/98	NA	NA	147	0.00	7.04	42.3	0.20	0.00	1.55	93.6
York & Sanders	9	Side Street	8/24/98	NA	NA	239	0.50	8.56	295	0.80	0.00	1.85	904
167th & Trapet	10	Surface Soil	8/24/98	0.06	NA	254	0.16	9.44	142	0.60	0.00	1.40	352

NA = No analysis.

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