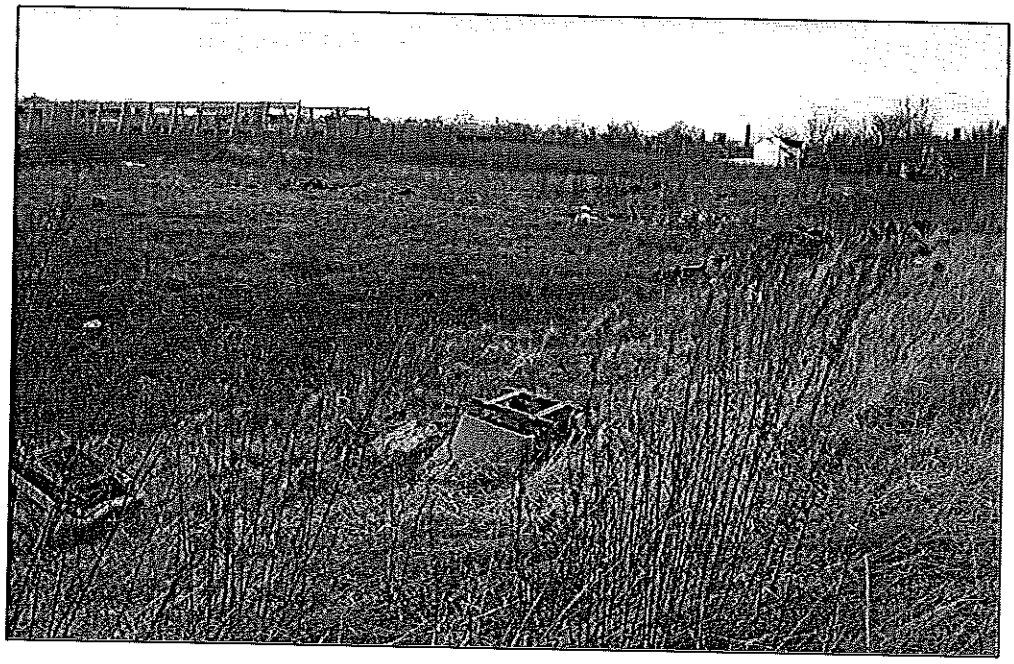
PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT FOR 240 KENSINGTON AVENUE



Prepared for:

CITY OF BUFFALO
DEPARTMENT OF COMMUNITY DEVELOPMENT

Date: May 25, 1999
Job No. 0009-002

PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT FOR 240 KENSINGTON AVENUE, BUFFALO, NY

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240 KENSINGTON AVENUE, BUFFALO, NY

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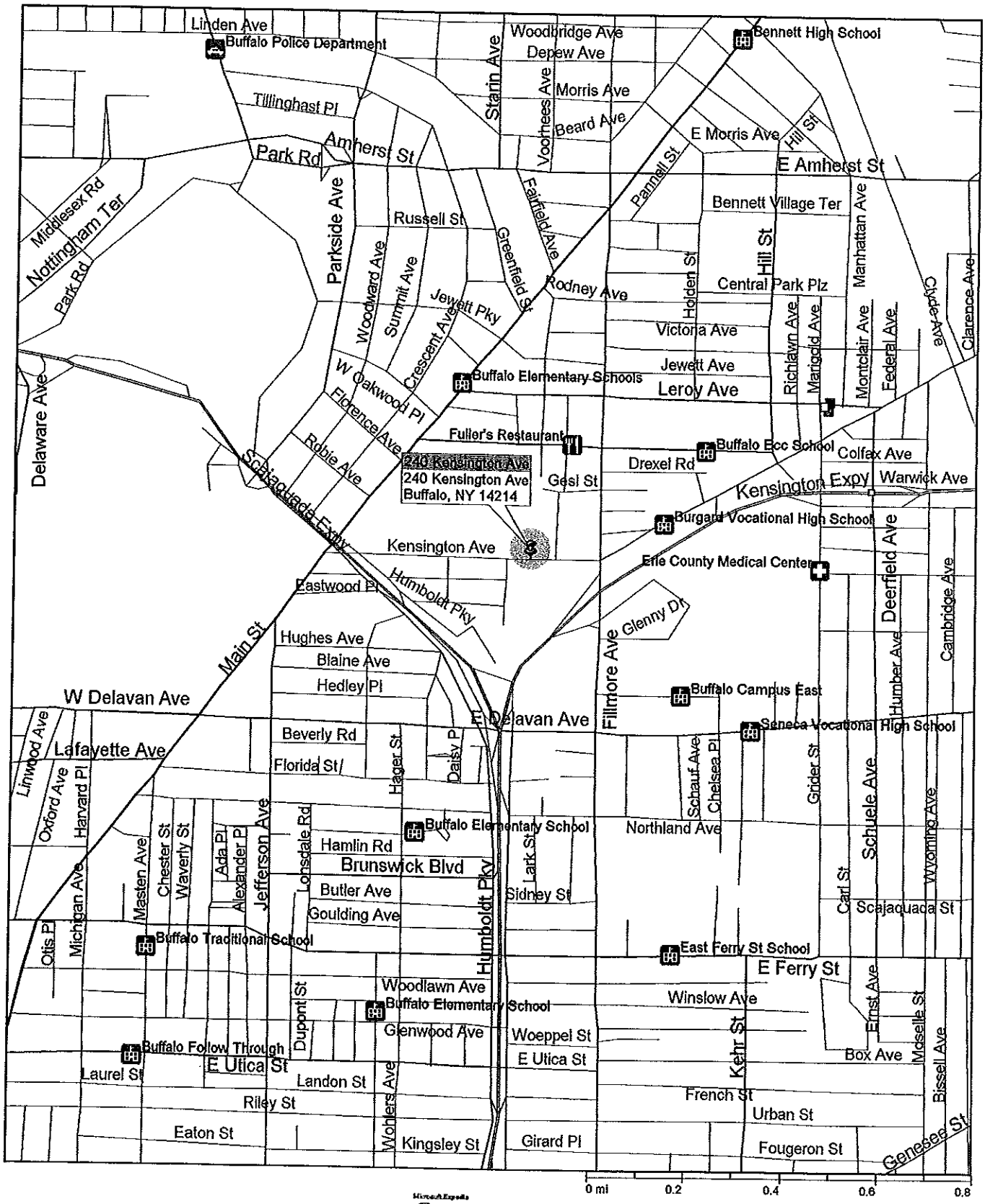
1.0 INTRODUCTION

Benchmark Environmental Engineering & Science, PLLC was retained by the City of Buffalo Department of Community Development to perform a Phase II Environmental Site Investigation for a 300 foot by 300 foot portion of the property located at 240 Kensington Avenue, Buffalo, New York (see Figure 1-1). The property, which encompasses approximately 7-acres in total, is the site of the former Hewitt-Robins foam rubber products manufacturing facility. No buildings remain at the site. Subsurface soils intermingled with demolition debris and fill overlay native soils and bedrock, which varies with depth across the property.

The City of Buffalo requested that the Phase II Site Investigation be performed prior to potential redevelopment of the property to provide an indication of the extent and concentration of chemical contaminants, if any, in the 300 ft by 300 ft area located adjacent to Kensington Avenue and Pauline Street, and to identify the nature of subsurface debris and fill materials. This information will be used to assess the feasibility and type of redevelopment activities suitable for the subject parcel.

FIGURE 1-1
SITE LOCATION MAP



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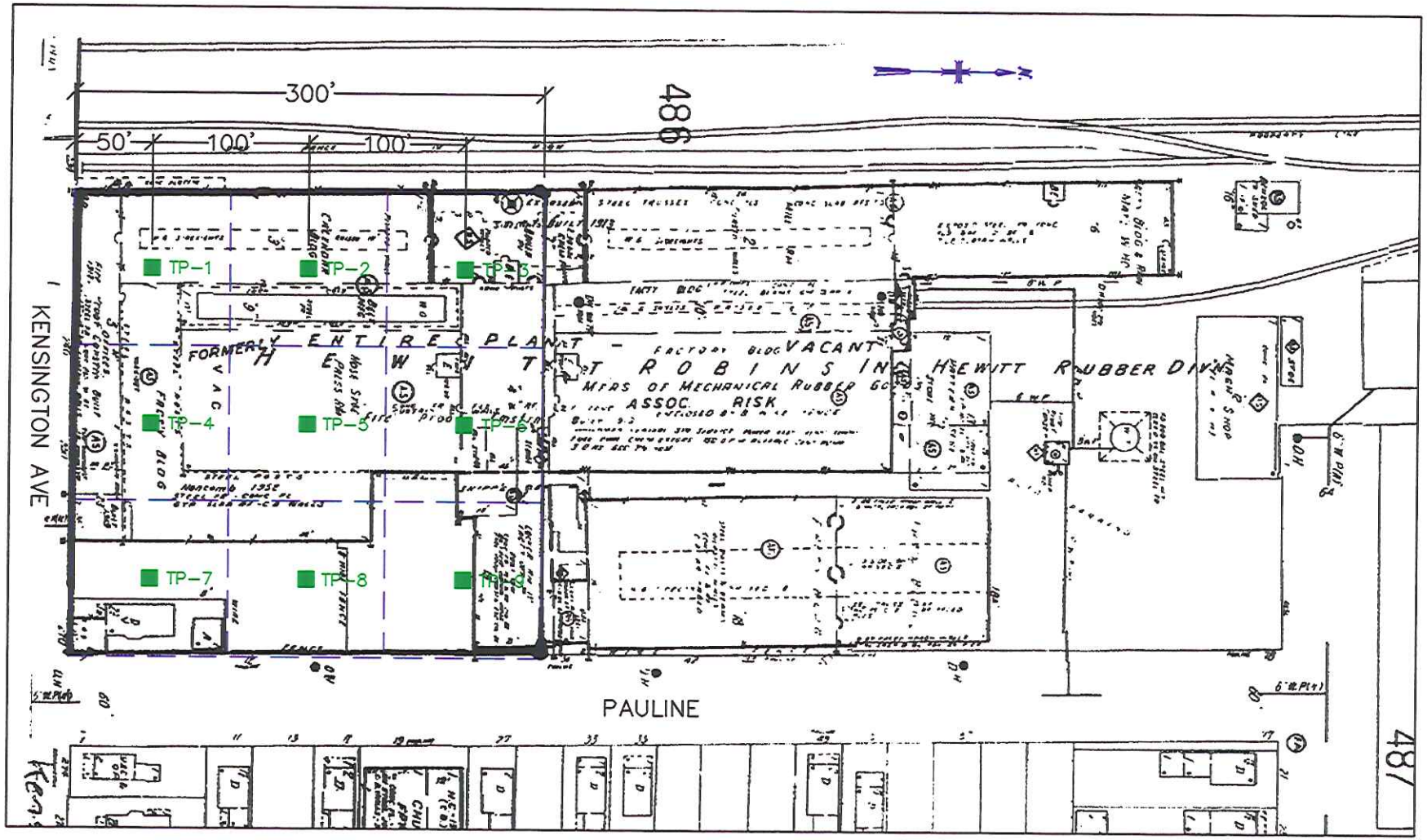
2.0 FIELD INVESTIGATION

The Phase II Investigation was performed on April 26, 1999 in accordance with the April 1999 Environmental Site Investigation Work Plan prepared by Benchmark. A summary of the field investigation methodology and findings is presented in Sections 2.1 through 2.3, below.

2.1 TEST PIT PROGRAM

A total of nine (9) test pits were completed across the 300' x 300' parcel. Test pit locations are illustrated on Plate 1. As indicated on Plate 1, one of the test pits was located within the soil berm located on the eastern perimeter of the site along Pauline street to assess the nature of this material, which may have originated from an off-site source. No visual evidence of recognized environmental concerns (viz., pits, staining, vegetative stress, etc.) was observed on the parcel, therefore the remaining test pits were generally spaced equidistant across the site. Benchmark recorded pertinent field observations at each test pit location, including: fill types, depth to native soil (if encountered), visual or olfactory evidence of contamination, and photoionization detector (PID) readings.

All test pits were excavated with a rubber-tired backhoe per the Work Plan. The test pits were intended to be excavated to bedrock, which was believed to be present at approximately 4-5 feet below grade based on previous investigations. However, it was determined that bedrock in this southerly portion of the site exists at depths greater than 7 feet. In addition, the presence of significant quantities of large demolition debris, including concrete and masonary rubble, greatly reduced the backhoe efficiency, precluding deep excavation. The City's on-site representative, Mr. Dennis Sutton, indicated that the intended development would be slab-on-grade structures, and excavation into fill material will be shallow (generally less that 4.5' below grade) for utility and footer construction. Based on consultation with the Client and the physical limitations of the excavation equipment, test pit depths were



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PHASE II SITE INVESTIGATION
240 KENSINGTON AVENUE

PROPOSED TEST PIT LOCATIONS

FIGURE 2-1

terminated prior to bedrock.

The upper 12 inches of soil at each test pit location generally consisted of vegetative material and topsoil mixed with fragments of brick and concrete debris. Deeper fill materials are characterized by sand and clay mixed with brick, cinders, concrete and masonry debris.

Table 2-1 presents a summary of test pit field observations. Test pit logs are presented in Appendix A. Test pit photos are presented in Appendix B.

2.2 Sampling and Analytical Program

Soil samples were collected by the on-site environmental scientist at each test pit location and submitted to a New York State Department of Health (NYSDOH) ELAP-certified analytical laboratory for characterization. Separate composite samples of the surficial (0-1' below grade) and subsurface (1' below grade to completion) soils were collected at all test pit locations, with the exception of TP-1 and TP-2. At TP-1, located within the soil berm along Pauline street, a composite was collected across the entire berm depth (0-3'), as the berm may need to be removed and disposed off-site or elsewhere on-site to facilitate redevelopment. At TP-2, the backhoe was unable to penetrate hard fill deeper than 1-foot below grade, and the test pit was terminated at that depth.

Samples were either retrieved using a stainless steel trowel or the backhoe bucket, depending on sample depth. Composite samples were homogenized in a stainless steel mixing bowl and transferred to laboratory jars for analysis of Target Compound List (TCL) semi-volatiles, TCL pesticides/PCBs, Target Analyte List (TAL) inorganics, and cyanide. A grab sample was also collected at the bottom of each test pit sample interval (i.e., at approximately 1-foot below grade and the bottom of the excavation). Grab samples were transferred to individual sample jars for analysis of TCL volatiles.

All samples were cooled to 4°C and transferred under chain-of-custody to

TABLE 2-1

BUFFALO URBAN RENEWAL AGENCY
PHASE II ENVIRONMENTAL SITE INVESTIGATION AT 240 KENSINGTON AVE

SUMMARY OF FIELD OBSERVATIONS

Test Pit Number	Excavated [1] Depth (feet)	Depth of Fill (feet)	PID Scan (ppm)	Description of Fill
TP-1	3	>2.5	ND	Sand and gravel, crushed red brick ,concrete rubble and metal debris- Dry
TP-2	4	>3.5	ND	Clayey soil with brick mixed with concrete, steel rebar and building debris.- Dry
TP-3	4.5	>4	ND	Clayey soil mixed with stone cobbles, brick fragments and concrete debris- Dry * Concrete floor/ foundation encountered at 5.5 feet.
TP-4	7	>6.5	ND	Light brown sand mixed with some clayey soil, brick debris and gravel- Moist
TP-5	4.5	>4.25	ND	Clayey soil with concrete rubble and brick pieces, brown cinders,- Slightly moist
TP-6	7	>6.75	ND	Light brown and dark brown sand and cinders, mixed with concrete, brick and asphalt pieces. - Dry
TP-7	6	>5.5	ND	Light brown sand with cinders, brick, concrete rubble and asphalt pieces- Moist
TP-8	5.5	>5	ND	Light brown sand with brick and cinders mixed with clayey soil. Creosote odor detected.- Wet
TP-9	7.5	>7	ND	Reddish clayey soil with brick, cinders and concrete- Moist

Notes: (1) Topsoil/ Vegatative Organic matter at 0-6" in each Test Pit.
ND - Non-Detectable

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Friend Laboratory, an NYSDOH ELAP-certified lab, for analysis in accordance with USEPA Method SW-846 protocols. One representative composite sample of the subsurface soil material was also prepared from the individual subsurface composites and analyzed for total organic carbon content by SJB Services Soils Testing Laboratory. Analytical results are discussed in Section 3.0

3.0 ANALYTICAL RESULTS

Results of the test pit soil analyses are summarized in Tables 3-1 and 3-2. Only parameters detected in one or more of the samples are listed. The complete data set is presented as Appendix C. For comparison, background concentrations as determined by the City under a similar study performed in July 1997 (Ref. 1) have also been tabulated. These background values represent subsurface soils from a previously undeveloped City parcel along the southwest corner of Louisiana and Exchange Streets. NYSDEC cleanup guidance concentrations as presented in Technical Assistance and Guidance Memorandum (TAGM) HWR-94-4046 (i.e., TAGM 4046) are also presented on Tables 3-1 and 3-2. TAGM 4046 establishes a recommended soil cleanup objective for organic compounds as the lower of two values: the calculated concentration which is protective of groundwater quality (i.e., protective to Class GA standards for drinking water protection); or the USEPA health-based level protective of cancer and toxicity risk from incidental ingestion. The concentrations protective of groundwater quality are derived as a function of several parameters, including the organic carbon content of the soils. The TAGM assumes a default organic carbon content of 1%, unless the actual soil-specific organic content is known. As discussed in Section 2.2, a composite sample of the subsurface fill soils was measured for total organic carbon content and found to contain 3.9% organic carbon (see Appendix D). The groundwater quality protection values listed on Table 3-1 have therefore been adjusted to reflect this site-specific organic carbon value.

For inorganics, TAGM 4046 generally establishes recommended cleanup objectives as either the site-specific background concentration, if known, or a value based on Eastern U.S. background concentrations. Table 3-2 presents a comparison of the sample data to City inorganic background values, where available from previous (1997) sampling, as well as TAGM-recommended values and the range of eastern U.S. background inorganic concentrations.

TABLE 3-1
PHASE II SITE INVESTIGATION AT 240 KENSINGTON AVE

SUMMARY OF ANALYTICAL RESULTS FOR ORGANICS

Parameter	TP-1 0-3'	TP-2 0-1'	TP-3 0-1'	TP-3 1-5.5'	TP-4 0-1'	TP-4 1-7'	TP-5 0-1'	TP-5 1-4.5'	City Background [1]	TAGM HWR-94-4046	
										Soil Cleanup[2] Value to Protect Groundwater	Soil Cleanup Value to Protect Human Health
Volatile Organics (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Semi-Volatiles (mg/kg)											
Naphthalene	<1.4	<0.27	2.1	<0.29	<0.24	<1.5	<0.28	<2.7	N/A	50.7	300
2-Methylnaphthalene	<1.4	<0.27	0.93	<0.29	<0.24	<1.5	<0.28	<2.7	N/A	141.96	N/A
Acenaphthene	2.1	<0.27	0.57	<0.29	<0.24	<1.5	<0.28	<2.7	N/A	351	5000
Dibenzofuran	<1.4	<0.27	1.2	<0.29	<0.24	<1.5	<0.28	<2.7	N/A	24.18	N/A
Fluorene	2.3	<0.27	1.4	0.39	<0.24	<1.5	<0.28	<2.7	N/A	1365	3000
Phenanthrene	18	0.33	8.2	2.4	0.26	9	0.92	17	0.5	858	N/A
Anthracene	5.8	<0.27	2.2	0.64	<0.24	1.9	<0.28	4.2	N/A	2730	20000
Carbazole	2.3	<0.27	0.64	<0.29	<0.24	<1.5	<0.28	<2.7	N/A	N/A	N/A
Fluoranthene	22	0.6	7.2	3.6	0.65	6.3	0.97	15	0.78	7410	3000
Pyrene	20	0.6	7.8	3.8	0.84	8.1	0.95	16	0.51	2593.5	2000
Benzo(a)anthracene	11	0.35	4.6	2.5	0.54	3.7	0.52	7.2	0.34	11.7	0.224
Chrysene	9.5	0.35	3.7	2.1	0.52	3.2	0.44	6.8	0.39	1.56	N/A
Benzo(b)fluoranthene	12	0.48	5.4	3.5	0.63	4.2	0.63	7.9	0.46	4.29	N/A
Benzo(k)flouranthene	3.9	<0.27	1.6	1	<0.24	1.6J	<0.28	<2.7	0.41	4.29	N/A
Benzo(a)pyrene	9.7	0.35	3.6	2.3	0.45	3.1J	0.43	6.5	0.52	42.9	0.0609
Indeno(1,2,3-cd)pyrene	4.4	<0.27	1.5	1.1	<0.24	<1.5	<0.28	4.3	N/A	12.48	N/A
Benzo(g,h,i)perylene	3.6	<0.27	1.3	0.99	<0.24	<1.5	<0.28	4.5	N/A	3120	N/A
Pesticides/PCB's (mg/kg)											
4,4' DDT	0.05	<0.05	<0.06	<0.06	<0.05	<0.06	<0.05	<0.04	N/A	9.75	2.1
PCB 1260	<0.05	<0.1	0.3	<0.1	<0.1	0.35	<0.1	0.24	N/A	39	1/10 [3]

NOTES: (1) Collected in July 1997 from undeveloped property located on the southwest corner of Louisiana and Exchange Streets.
(2) Cleanup value derived from calculation based upon 3.9% organic content in soil material.
(3) 1ppm Surfical Soils/ 10 ppm Subsurface Soils as determined by TAGM 4046
ND - Not Dectected
N/A- Not Available
J- Result estimated below the quantitation limit.

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TABLE 3-1
PHASE II SITE INVESTIGATION AT 240 KENSINGTON AVE

SUMMARY OF ANALYTICAL RESULTS FOR ORGANICS

Parameter	TP-6 0-1'	TP-6 1-7'	TP-7 0-1'	TP-7 1-6'	TP-8 0-1'	TP-8 1-5.5'	TP-9 0-1'	TP-9 1-7.5'	City Background [1]	TAGM HWR-94-4046	
										Soil Cleanup[2] Value to Protect Groundwater	Soil Cleanup Value to Protect Human Health
Volatile Organics (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Semi-Volatiles (mg/kg)											
Naphthalene	<1.3	<2.6	<2.7	<0.57	<0.58	<2.7	<2.6	<0.29	N/A	50.7	300
2-Methylnaphthalene	<1.3	<2.6	<2.7	<0.57	<0.58	<2.7	<2.6	<0.29	N/A	141.96	N/A
Acenaphthene	<1.3	<2.6	<2.7	<0.57	<0.58	<2.7	<2.6	<0.29	N/A	351	5000
Dibenzofuran	<1.3	<2.6	<2.7	<0.57	<0.58	<2.7	<2.6	<0.29	N/A	24.18	N/A
Fluorene	<1.3	<2.6	<2.7	<0.57	<0.58	<2.7	<2.6	<0.29	N/A	1365	3000
Phenanthrene	2	15	1.3	1.7	2.4	4.4	16	0.68	0.5	858	N/A
Anthracene	<1.3	4.2	0.32	<0.57	0.65	<2.7	4.4	<0.29	N/A	2730	20000
Carbazole	<1.3	<2.6	<2.7	<0.57	<0.58	<2.7	<2.6	<0.29	N/A	N/A	N/A
Fluoranthene	2.2	21	1.6	1.9	4.5	5.2	16	0.84	0.78	7410	3000
Pyrene	2.8	17	2.2	2.3	3.4	5.9	19	0.79	0.51	2593.5	2000
Benzo(a)anthracene	1.4	8.5	0.78	1.1	1.9	<2.7	8.8	0.42	0.34	11.7	0.224
Chrysene	1.4	8.2	0.79	1.1	1.9	<2.7	7.9	0.4	0.39	1.56	N/A
Benzo(b)fluoranthene	2.3J	12	1.3J	1.6J	2.7	3.4J	11	0.46	0.46	4.29	N/A
Benzo(k)flouranthene	<1.3	3.9	.46J	.58J	0.97	<2.7	4.2J	<0.29	0.41	4.29	N/A
Benzo(a)pyrene	1.4 J	8.1	.85J	1.2J	1.6	<2.7	7.5J	0.36	0.52	42.9	0.0609
Indeno(1,2,3-cd)pyrene	<1.3	3.6	.44J	<0.57	0.7	<2.7	3.3J	<0.29	N/A	12.48	N/A
Benzo(g,h,i)perylene	<1.3	3.2	.44J	.57J	0.6	<2.7	3.1J	<0.29	N/A	3120	N/A
Pesticides/PCB's (mg/kg)											
4,4' DDT	<0.04	<0.06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	N/A	9.75	2.1
PCB 1260	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	N/A	39	1/10 [3]

NOTES: (1) Collected in July 1997 from undeveloped property located on the southwest corner of Louisiana and Exchange Streets.
(2) Cleanup value derived from calculation based upon 3.9% organic content in soil material.
(3) 1ppm Surfical Soils/ 10 ppm Subsurface Soils as determined by TAGM 4046
ND - Not Dectected
N/A- Not Available
J- Result estimated below the quantitation limit.

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TABLE 3-2
PHASE II SITE INVESTIGATION AT 240 KENSINGTON AVE

SUMMARY OF ANALTICAL RESULTS FOR INORGANICS

Parameter	TP-1 0-3'	TP-2 0-1'	TP-3 0-1'	TP-3 1-5.5'	TP-4 0-1'	TP-4 1-7'	TP-5 0-1'	TP-5 1-4.5'	City Background [1]	Eastern US Background	TAGM 4046 Soil Cleanup Objectives
Inorganics (mg/kg)											
Aluminum	5670	10200	9100	9130	4290	7060	7460	7430	-	33,000	SB
Antimony	<5.83	<6.12	<5.83	<6.18	<5.32	<6.26	<6.2	<5.8	-	N/A	SB
Arsenic	4.3	3.8	4.2	4	2.1	3	5.3	4.4	5.65	3-12	7.5 or SB
Barium	73.5	125	74.3	57.6	30.3	78.5	72.7	153	-	15-600	300 or SB
Beryllium	0.508	0.69	0.675	0.77	0.353	0.564	0.598	0.663	-	0-1.75	0.16 or SB
Cadmium	<0.58	0.691	<0.56	<0.61	<0.53	<0.62	<0.62	<0.58	0.977	0.1-1	1 or SB
Calcium	100900	53900	69900	45100	64700	31900	105900	81200	-	130-35,000	SB
Chromium	8.39	14.9	13	14.7	5.61	12.4	10.9	12.8	23.9	1.5-40	10 or SB
Colbalt	4.68	8.31	7.2	9.88	3.84	9.13	6.04	6.86	-	2.5-60	30 or SB
Copper	18	26.7	20.9	22.5	12.9	27.3	544	28.3	-	1-50	25 or SB
Iron	8660	17100	15600	19100	8370	13300	13900	11400	-	2000-550000	2000or SB
Lead	52.9	145	75.8	58.1	21.8	126	65.8	233	49.2	200-500	SB
Magnesium	24500	18200	13600	7590	25100	10600	15500	20000	-	100-5000	SB
Manganese	298	415	451	483	300	369	375	479	-	50-5000	SB
Mercury	0.13	0.57	0.14	0.042	0.045	0.16	0.14	0.16	-	0.001-0.2	0.1
Nickel	11.6	19.1	17.5	29.3	8.78	12.7	14.5	11.8	-	0.5-25	13 or SB
Potassium	992	1330	1210	1230	795	938	1170	1150	-	8500-43000	SB
Selenium	<0.61	<0.57	<0.52	<0.60	<0.53	<0.62	<0.56	<0.57	-	0.1-3.9	2 or SB
Silver	<1.17	<1.22	<1.13	<1.24	<1.06	<1.25	<1.24	<1.16	-	N/A	SB
Sodium	126	136	119	436	137	248	180	222	-	6000-8000	SB
Thallium	<7.58	<7.96	<7.32	<8.03	<6.92	<8.13	<8.06	<7.56	-	N/A	SB
Vanadium	20.2	20.8	19.2	16.1	11.1	19.7	17.5	15.1	-	1-300	150 or SB
Zinc	156	159	98.4	95.2	78.5	176	111	286	-	9-50	20 or SB
Cyanide, Total	<0.33	<0.45	<0.57	<0.52	<0.56	<0.605	<0.57	<0.48	-	N/A	N/A

NOTES: (1) Collected in July 1997 from undeveloped property located on the southwest corner of Louisiana and Exchange Streets.
ND - Not Dectected
N/A- Not Available
SB-Soil Background

Benchmark Environmental Engineering & Science, PLLC

TABLE 3-2 (cont'd)
PHASE II SITE INVESTIGATION AT 240 KENSINGTON AVE

SUMMARY OF ANALTICAL RESULTS FOR INORGANICS

Parameter	TP-6 0-1'	TP-6 1-7'	TP-7 0-1'	TP-7 1-6'	TP-8 0-1'	TP-8 1-5.5'	TP-9 0-1'	TP-9 1-7.5'	City Background (1)	Eastern US Background	TAGM 4046 Soil Cleanup Objectives
Inorganics (mg/kg)											
Aluminum	6900	5870	9200	10400	10800	9260	10000	11600	-	33,000	SB
Antimony	<6.04	5.9	<5.72	<5.95	7.28	<6.08	6.01	<6.07	-	N/A	SB
Arsenic	6.8	6	4.2	7.3	30	6.8	17	3.5	5.65	3-12	7.5 or SB
Barium	61.1	107	66.5	130	169	167	200	127	-	15-600	300 or SB
Beryllium	0.595	0.549	0.64	0.79	0.818	0.652	0.781	0.744	-	0-1.75	0.16 or SB
Cadmium	0.678	0.81	<0.57	0.666	<0.59	0.832	0.989	<0.60	0.977	0.1-1	1 or SB
Calcium	56500	131600	53200	52800	98700	81500	49100	95300	-	130-35,000	SB
Chromium	12	10.5	12.7	20.9	16.7	15.3	60	18.1	23.9	1.5-40	10 or SB
Colbalt	5.16	4.09	7.47	8.67	7.57	6.95	8.89	8.57	-	2.5-60	30 or SB
Copper	20.6	118	36.8	35.3	32.6	112	48.4	22	-	1-50	25 or SB
Iron	13700	12100	15300	20400	18900	16200	32000	19800	-	2000-550000	2000or SB
Lead	132	114	64.5	132	280	299	238	61.3	49.2	200-500	SB
Magnesium	11100	15800	14200	15000	11300	14500	9830	26100	-	100-5000	SB
Manganese	369	379	486	632	352	429	628	664	-	50-5000	SB
Mercury	0.11	0.11	0.079	0.15	0.18	0.25	0.14	0.14	-	0.001-0.2	0.1
Nickel	13.5	13.7	16.6	22.1	20.6	17.4	41.7	22.3	-	0.5-25	13 or SB
Potassium	939	990	1280	1680	1570	1330	1450	2400	-	8500-43000	SB
Selenium	<0.54	<0.53	<0.55	<0.59	<0.6	<0.6	<0.56	<0.56	-	0.1-3.9	2 or SB
Silver	<1.21	<1.16	<1.15	<1.19	<1.19	<1.22	<1.14	<1.21	-	N/A	SB
Sodium	237	213	436	356	145	145	166	171	-	6000-8000	SB
Thallium	<7.85	<7.55	<7.44	<7.74	<7.73	<7.90	<7.38	<7.89	-	N/A	SB
Vanadium	16.1	15.5	21	24.7	25.4	21.6	24.3	25	-	1-300	150 or SB
Zinc	102	257	92.3	179	165	398	181	106	-	9-50	20 or SB
Cyanide, Total	<0.59	<0.19	<0.18	<0.13	<0.16	<0.48	<0.55	<0.45	-	N/A	N/A

NOTES: (1) Collected in July 1997 from undeveloped property located on the southwest corner of Louisiana and Exchange Streets.
ND - Not Dectected
N/A- Not Applicable
SB-Soil Background

Benchmark Environmental Engineering & Science, PLLC

3.1 VOLATILE ORGANICS

No volatile organic compounds were detected in any of the test pit samples, consistent with PID readings.

3.2 SEMI-VOLATILE ORGANICS

Semi-volatile organic compound (SVOC) results are presented in Table 3-1. Instances where SVOC levels exceed TAGM values are shaded.

As indicated in Table 3-1, SVOCs detected in site soils include several poly-aromatic hydrocarbon (PAH) compounds. PAHs are the result of hydrocarbon combustion, and hence exist in many petroleum-based products such as roofing materials, asphalt, and creosote wood preservatives (viz., for railroad ties). Minor quantities of asphalt were noted in the test pits, and a creosote odor was detected in TP-8 along the western edge of the property. Four PAH compounds were detected at elevated concentrations in several of the test pits: benzo(a)anthracene, chrysene, benzo(b)fluoranthene, and benzo(a)pyrene.

While chrysene and benzo(b)fluoranthene exceed TAGM levels by one order of magnitude in some samples, the concentrations do not appear high enough to mandate a cleanup. Associated human health protection values for these compounds have not been included in TAGM 4046. Residences and businesses surrounding the site are serviced by City-supplied water. Benzo(a)anthracene and benzo(a)pyrene are carcinogenic PAHs. Accordingly, the TAGM establishes low human health protection values for these compounds. Concentrations of benzo(a)anthracene and benzo(a)pyrene in site soils exceed corresponding City background concentrations by approximately one order of magnitude, and TAGM 4046 human health protection values by one to two orders of magnitude. The highest levels of PAHs were generally detected at TP-1 (berm soils). However, as indicated above PAHs tend to be ubiquitous in the environment, particularly on previously developed and urban properties, due to the widespread use and application of petroleum-based substances. This is evident by

the fact that the background sample also exceeded the TAGM human health protection values for benzo(a)anthracene and benzo(a)pyrene.

In addition to presenting compound-specific SVOC limits, TAGM 4046 also provides generic nuisance limits of 50 parts per million for individual compounds and 500 parts per million for total (combined) SVOCs. None of the test pits samples contained individual or total SVOCs above these criteria.

3.3 PESTICIDES/PCBS

No pesticides were found in the site soils with the exception of a single detection of 4-4'-DDT, identified in TP-1 (berm soils) at 0.05 mg/kg. This concentration is below the TAGM 4046-recommended soil cleanup value of 2.1 mg/kg for protection of human health.

PCB detections were limited to three samples (i.e., TP-3, 0-1'; TP-4, 1-7' and TP-5, 1-4.5'). PCB Aroclor 1260 was detected at these locations in concentrations less than 0.4 mg/kg, well below the TAGM 4046 health-based cleanup value of 1 mg/kg for surficial soils and 10 mg/kg for subsurface soils.

3.4 INORGANICS

Inorganic data is presented in Table 3-2. Sample detections which exceed both the upper limit of Eastern U.S. background concentrations and City background levels are shaded. As indicated on Table 3-2, calcium, magnesium and zinc exhibit consistent exceedances of these background levels, with concentrations generally at the same or one order of magnitude above eastern U.S. background levels. These minerals may be present due to masonry and construction debris intermingled with the soil/fill.

Other inorganics present at elevated concentrations are limited to sporadic detections of certain heavy metals including arsenic, copper, mercury and nickel. However, all of these parameters were within one order of magnitude of the Eastern U.S. background concentration limits. Furthermore, none of these heavy metals were

detected at concentrations that would indicate a hazardous (toxic) soil characteristic per 40 CFR Part 261.

3.5 CYANIDE

No cyanide was detected in any of the test pit samples.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the Phase II environmental site investigation performed on the 300-foot by 300-foot parcel of 240 Kensington Avenue revealed no recognized evidence of a chemical release or other signs of an acute chemical exposure pathway. While in certain instances the levels of carcinogenic PAH compounds present in site soils (surface and subsurface) exceed recommended NY State soil cleanup guidance values, the levels detected are not uncommon in urban properties of this type.

The City has indicated that Erie County has an interest in redeveloping the subject investigation area. At the present, redevelopment plans call for construction of a halfway house (slab on grade) to provide temporary lodging for recently incarcerated individuals prior to their permanent relocation. As this represents a residential-type setting, it is recommended that the New York State Department of Health (NYSDOH) be involved to discuss end-use limitations appropriate for the site. Factors that should be considered relative to exposure scenarios under the current planned use of the property include:

- Duration of stay: typical residential assessments assumes 70 years. The temporary lodging provided by the halfway house will be significantly shorter, presumably less than 1-year.

- Configuration of the site plans to limit long-term exposure to PAH's.

In addition, if redevelopment is undertaken the City should plan to incorporate measures to mitigate worker and community exposure to site soils in the construction specifications. Specifically, the contract documents should:

- Require contractors involved in excavation and subsurface construction work (e.g., site grading work, foundation and utility construction, etc.) to develop and implement a site health and safety program.

- Present a soils management plan addressing key construction issues relative to site soils.

5.0 REFERENCES

1. "Phase II Environmental Site Investigation for Property Loacted at 481 Seneca Street, Buffalo, NY." Prepared for Buffalo Urban Renewal Agency by Malcolm Pirnie, Inc., August 1997.

APPENDIX A

TEST PIT LOGS

BENCHMARK Environmental Engineering & Science, PLLC
DAILY FIELD INVESTIGATION REPORT

Project Name: 240 Kensington Ave **Project Number:** 0004-002

Date: 4/20/99 **Day** (M T W Th F S S)

Weather Conditions: Sunny - 65°F

Contractor(s): SJB

Equipment On Site: RUBBER TIRE BACKHOE

Contractor's Personnel:

Other Personnel: Dennis Sutton (City of BFLO) / Tom Forbes - Benchmark

Work Accomplished:

0800- Onsite - R. DuBisz/T. Forbes - Layout Test pit locations. - Place TP-1 within Berm Along Pauline St. SJB Drillers Onsight at 08:45. Dennis Sutton (City of Buffalo) On sight. Begin at TP-1, contractor using a RUBBER TIRE BACKHOE to Dig Test pit. Test pit dug to depth of 3'. Contractor having difficulty digging any deeper. Concrete & building debris encountered in Test pit. samples from TP-1 only collected at surface. Move to TP-2. Encountered concrete & FILL material. From surface to 4'. Cannot dig any deeper due to concrete & debris, collect sample at surface. Move to TP-3. - Encounter same FILL and a concrete floor / Foundation at 5.5'. Thickness of the FILL across AREA greater than 5 feet. NO NATIVE SOILS OR BEDROCK encountered. FILL material Uniform throughout site. Collect FINAL Soil samples from TP-5 at 3:45 pm. Contractor begins decon of BACKHOE at 4:00 pm Offsite at 4:30 pm.

Distribute to:

Project File (#_____)

_____

_____

Signature _____

Title Env Technician

TurnKey Environmental Restoration, LLC

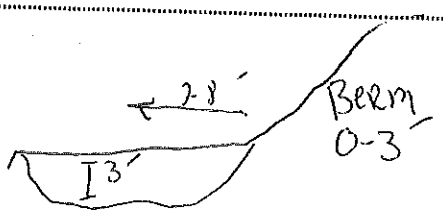
Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.:	TP-1	**Project:**	240 Kingsley Ave
Location:	Berm	**Project No:**	0009-002
Date:	4/26/99	**Logged By:**	RLD
Excavation Method:	Backhoe / ~~Auger~~		

Test Pit Profile

grade .....



* Moved 3' North of Berm to collect subsurface soil sample, encountered concrete & debris at 3', unable to dig deeper - no sample collected

not to scale

Depth bgs	Soil Description	Samples-- Depth	PID Comments include Water entering pit w/depth
0-3'	Topsoil 0-8" Berm w/brick debris, dry concrete,	0-3'	0 ppm dry

TurnKey Environmental Restoration LLC

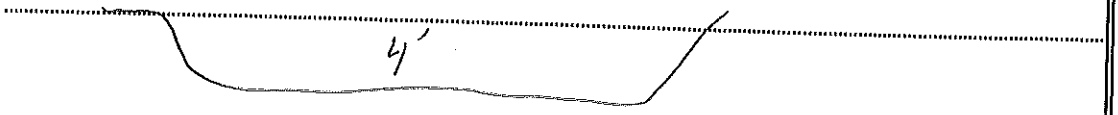
Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.:	TP-2	**Project:**	240 Kensington Ave
Location:		**Project No:**	0009-002
Date:	4/20/99	**Logged By:**	RLD
Excavation Method:	BACK HOE		

Test Pit Profile

grade



* encountered concrete, steel (FILL) from surface to 4', unable to dig deeper, no subsurface sample collected not to scale

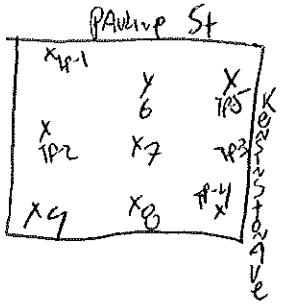
Depth bgs	Soil Description	Samples-- Depth	PID Comments include Water entering pit w/depth
0-4'	TOPSOIL-SW/CLAY & BRICK DEBRIS mixed FILL material	0-1	DRY 0ppm

FIELD TEST PIT LOG

Test Pit No.: TP-3	**Project:** 0009-002-Kensington Ave
Location:	**Project No:**
Date: 4/26/99	**Logged By:** RLD
Excavation Method: BACKHOE	Picture 5, 6,

Test Pit Profile

grade .....



not to scale

Depth bgs	Soil Description	Samples--Depth	PID Comments include Water entering pit w/depth
0-1	TOPSOIL 0-1.5' w/stone concrete & Brick Debris	0-1	DRY 0ppm
1-4.5'	Fill material-clay mixed w/stone & Brick	1-4.5'	DRY - 0ppm * concrete Floor/foundation at 3.5'

TurnKey Environmental Restoration, LLC

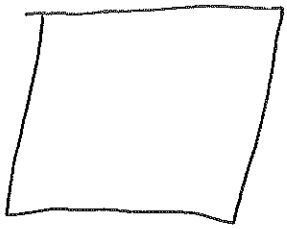
Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.: TP-4	Project: 240 Kingston Ave
Location:	Project No: 0004-002
Date: 4/26/99	Logged By: RLD
Excavation Method: BACK HOE	
	Picture -7

Test Pit Profile

grade .....



not to scale

Depth bgs	Soil Description	Samples-- Depth	PID Comments include Water entering pit w/depth
0-1	TOPSOIL dark w/ SAND & CLAY + FILL material "BRICK"	0-1	moist 0 ppm
1-7'	continued FILL material- SAND w/ BRICK Some clay mixed with FILL LT BRN	7' VOA 1-7' Soil matrix	moist 0 ppm

TurnKey Environmental Restoration LLC

Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.:	TP5	**Project:**	240 Kensington AVE
Location:		**Project No:**	0009-002
Date:	4/26/99	**Logged By:**	RJD
Excavation Method:	BACK HOE		

Test Pit Profile

grade .....

not to scale

Depth bgs	Soil Description	Samples-- Depth	PID Comments include Water entering pit w/depth
0-1	Fill material clay with concrete TOPSOIL 0-3"	0-1'	Dry- moist 0 PPM
1- 4.5'	SAME FILL A/A W/(cinders) Brick (concrete & BRICK	1- 3.5'	DRY

TurnKey Environmental Restoration, LLC

Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.:	TP-6	**Project:**	240 Kensington Ave
Location:		**Project No:**	0009-002
Date:	4/26/99	**Logged By:**	RLD
Excavation Method:	BACKHOE		

Test Pit Profile

grade .....

not to scale

Depth bgs	Soil Description	Samples-- Depth	PID Comments include Water entering pit w/depth
0-1'	0-3" TOPSOIL 3"-1' FILL w/ CONCRETE & TOPSOIL	0-1'	DRY @ 0PPM
0-7'	FILL w/ ASPHALT, BRICK, CONCRETE & CINDERS SAND, BRICK TO DARK BROWN	0-7'	DRY 0-PPM

TurnKey Environmental Restoration LLC

Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.:	TP-7	Project:	240 Kensington Ave
Location:		Project No:	0009-052
Date:	4/26/99	Logged By:	RLO
Excavation Method:	BACK HOE		

Test Pit Profile

grade .....

not to scale

Depth bgs	Soil Description	Samples-- Depth	Comments include Water entering pit w/depth
0-1'	LT BRN FILL & TOPSOIL-0-.5' BRICK & CHUNKS OF BLKTOP, BRICK & CONCRETE	0-1'	DRY 0ppm
1-6'	SAME FILL A/A - DRK BRN BRICK, CONCRETE	1-6'	MOIST 0ppm

TurnKey Environmental Restoration, LLC

Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.:	TP-8	Project:	240 Kensington Ave
Location:		Project No:	
Date:	4/26/99	Logged By:	
Excavation Method:	BACKHOE		

Test Pit Profile

grade .....

*concrete SLAB encountered at 5.5'

not to scale

Depth bgs	Soil Description	Samples-- Depth	PID Comments include Water entering pit w/depth
0-1	LT BRN SAND TOPSOIL 0-.5' BRICK, CINDERS FILL	0-1'	DRY 0 PPM
1-5.5'	FILL A/A - wet @ mixed w/clay	1-5.5'	OPPM wet Creosote odor detected

TurnKey Environmental Restoration, LLC

Benchmark Environmental Engineering & Science, PLLC

FIELD TEST PIT LOG

Test Pit No.:	TP-4	**Project:**	240 Kensington Ave
Location:		**Project No:**	0009-002
Date:	4/26/24	**Logged By:**	RLD
Excavation Method:	BACKHOE		

Test Pit Profile

grade .....

not to scale

Depth bgs	Soil Description	Samples--Depth	PID Comments include Water entering pit w/depth
0-1'	FILL - LT BRN TOPSOIL 0-.5' BRICK, CONCRETE, GRAVELS	0-1'	moist 0ppm
1-2.5'	RED CLAY w/ FILL material, Brick concrete,	1-2.5'	moist 0ppm

APPENDIX B

TEST PIT PHOTOS

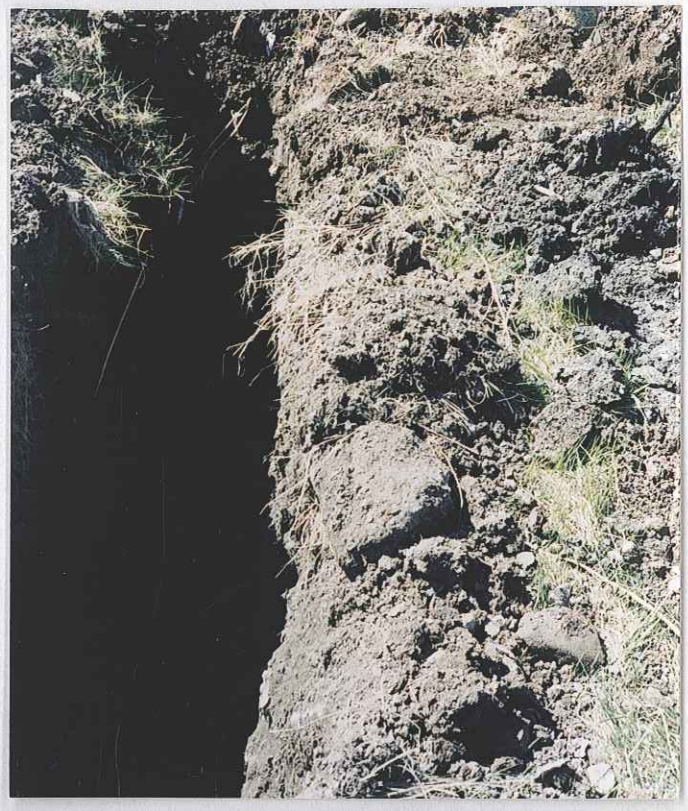
PROJECT : 240 KENSINGTON AVE

TEST PIT- TP-1 0-3'

PROJECT : 240 KENSINGTON AVE

TEST PIT- TP-2 0-4'

PROJECT : 240 KENSINGTON AVE



TEST PIT- TP-3 0- 4.5'

PROJECT : 240 KENSINGTON AVE

TEST PIT- TP-4 0- 7'

PROJECT : 240 KENSINGTON AVE

TEST PIT- TP-5 0- 4.5'

PROJECT : 240 KENSINGTON AVE

TEST PIT- TP6 0- 7'

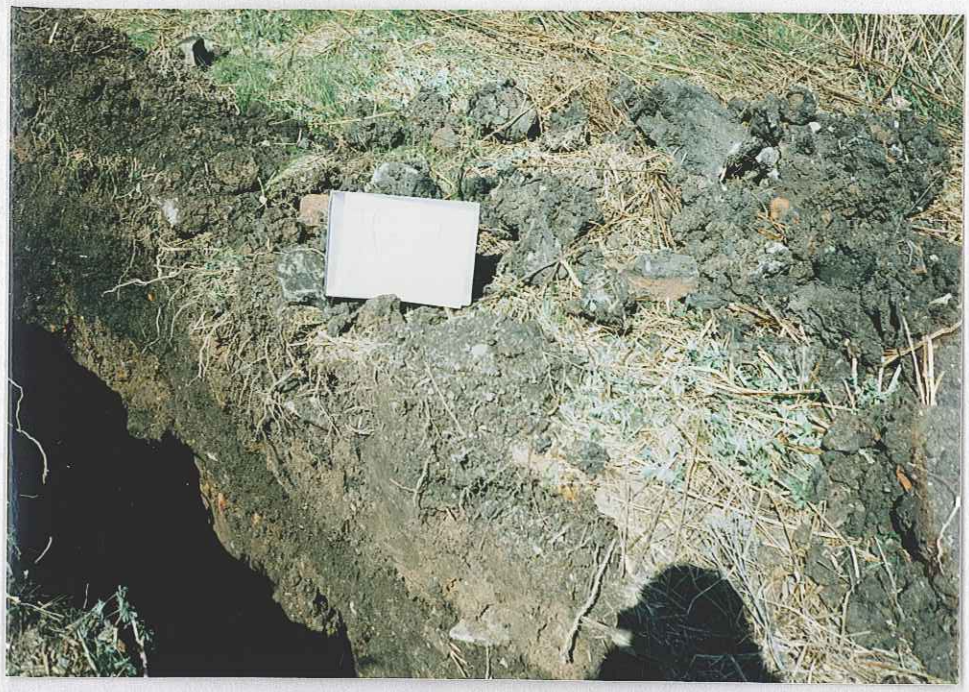
PROJECT : 240 KENSINGTON AVE

TEST PIT- TP7 0- 6'

PROJECT : 240 KENSINGTON AVE

TEST PIT- TP8 0- 5.5'

PROJECT : 240 KENSINGTON AVE



TEST PIT- TP9 0- 7.5'

APPENDIX C

ANALYTICAL DATA

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID L33677-1

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-1 (0-3')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.332	12-MAY-99	EPA 335.3	99-003-24
Total Solids	86.05	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	5670	mg/kg	8.75	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	5.83	04-MAY-99	EPA 6010	99-081-10
Arsenic	4.3	mg/kg	2.40	04-MAY-99	EPA 7060	98-146-37
Barium	73.5	mg/kg	1.87	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.508	mg/kg	0.233	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.5830	04-MAY-99	EPA 6010	99-081-10
Calcium	100900	mg/kg	580	10-MAY-99	EPA 6010	99-081-12
Chromium	8.39	mg/kg	1.17	04-MAY-99	EPA 6010	99-081-10
Cobalt	4.68	mg/kg	1.17	04-MAY-99	EPA 6010	99-081-10
Copper	18	mg/kg	1.98	04-MAY-99	EPA 6010	99-081-10
Iron	8660	mg/kg	4.66	04-MAY-99	EPA 6010	99-081-10
Lead	52.9	mg/kg	5.13	04-MAY-99	EPA 6010	99-081-10
Magnesium	24500	mg/kg	58.2	04-MAY-99	EPA 6010	99-081-10
Manganese	298	mg/kg	0.583	04-MAY-99	EPA 6010	99-081-10
Mercury	0.13	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	11.6	mg/kg	1.40	04-MAY-99	EPA 6010	99-081-10
Potassium	992	mg/kg	58.2	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.610	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.17	04-MAY-99	EPA 6010	99-081-10

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-1

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	240 KENSINGTON AVE.
ORIGIN :	TP-1 (0-3')
DESCRIPTION :	GRAB
SAMPLED ON :	26-APR-99 10:00 by CLIENT
DATE RECEIVED :	28-APR-99 08:45
P.O. NO. :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	126	mg/kg	23.3	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.58	04-MAY-99	EPA 6010	99-081-10
Vanadium	20.2	mg/kg	1.17	04-MAY-99	EPA 6010	99-081-10
Zinc	136	mg/kg	2.33	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Chloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Vinyl chloride	U	ug/kg	2	29-APR-99	EPA 8260	99-034-6644
Bromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Chloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Trichlorofluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Acrolein	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6644
1,1-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Acetone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6644
Carbon disulfide	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Methylene Chloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Acrylonitrile	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6644
trans-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,1-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
cis-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Methyl ethyl ketone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6644
Chloroform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,1,1-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Carbon tetrachloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Benzene	U	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6644
1,2-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Trichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,2-Dichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Dibromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Bromodichloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
2-Chloroethylvinylether	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
cis-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Methyl isobutyl ketone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6644
Toluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
trans-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,1,2-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Tetrachloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
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P.O. NO. :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Hexanone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6644
Dibromochloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,2-Dibromoethane (EDB)	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Chlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,1,1,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Ethylbenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
p-Xylene/m-xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
o-Xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Styrene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Bromoform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Bromobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,1,2,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,2,3-Trichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
2-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
4-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,3-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,4-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,2-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
1,2-Dibromo-3-chloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6644
Surrogate Recovery:						
Dibromofluoromethane	114	%				99-034-6644
Toluene-d8	96	%				99-034-6644
4-Bromofluorobenzene	108	%				99-034-6644
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8081						
alpha-BHC	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
beta-BHC	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Lindane (gamma-BHC)	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
delta-BHC	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Heptachlor	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Aldrin	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Heptachlor epoxide	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
alpha-Chlordane	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Endosulfan I	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
gamma-Chlordane	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
4,4'-DDE	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Dieldrin	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-1

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-1 (0-3')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Endrin	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Endosulfan II	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
4,4'-DDD	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Endrin ketone	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Endrin aldehyde	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Endosulfan sulfate	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
4,4'-DDT	0.05	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Methoxychlor	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Toxaphene	U	mg/kg	0.025	05-MAY-99	EPA 8081	99-049-6740
Surrogate Recovery:						
Decachlorobiphenyl	103	%				99-049-6740
EPA 8082						
PCB 1016	U	mg/kg	0.05	05-MAY-99	EPA 8082	99-049-6740
PCB 1221	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6740
PCB 1232	U	mg/kg	0.05	05-MAY-99	EPA 8082	99-049-6740
PCB 1242	U	mg/kg	0.05	05-MAY-99	EPA 8082	99-049-6740
PCB 1248	U	mg/kg	0.05	05-MAY-99	EPA 8082	99-049-6740
PCB 1254	U	mg/kg	0.05	05-MAY-99	EPA 8082	99-049-6740
PCB 1260	U	mg/kg	0.05	05-MAY-99	EPA 8082	99-049-6740
Surrogate Recovery:						
Decachlorobiphenyl	103	%				99-049-6740
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Phenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2-Chlorophenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
1,3-Dichlorobenzene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
1,4-Dichlorobenzene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
1,2-Dichlorobenzene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Bis(2-chloroisopropylether)	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2-Methylphenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Hexachloroethane	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
N-Nitrosodi-N-propylamine	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
3-Methylphenol/4-Methylphenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Nitrobenzene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Isophorone	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2-Nitrophenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-1

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-1 (0-3')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4-Dimethylphenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Bis(2-chloroethoxymethane)	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2,4-Dichlorophenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
1,2,4-Trichlorobenzene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Naphthalene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
4-Chloroaniline	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8167
Hexachlorobutadiene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
4-Chloro-3-methylphenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8167
2-Methylnaphthalene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Hexachlorocyclopentadiene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2,4,6-Trichlorophenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2,4,5-Trichlorophenol	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2-Chloronaphthalene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2-Nitroaniline	U	ug/kg	5400	11-MAY-99	EPA 8270	98-051-8167
Dimethyl phthalate	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Acenaphthylene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2,6-Dinitrotoluene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
3-Nitroaniline	U	ug/kg	5400	11-MAY-99	EPA 8270	98-051-8167
Acenaphthene	2100	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2,4-Dinitrophenol	U	ug/kg	5400	11-MAY-99	EPA 8270	98-051-8167
Dibenzofuran	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
2,4-Dinitrotoluene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
4-Nitrophenol	U	ug/kg	5400	11-MAY-99	EPA 8270	98-051-8167
Diethyl phthalate	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Fluorene	2300	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
4-Chlorophenylphenylether	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
4-Nitroaniline	U	ug/kg	5400	11-MAY-99	EPA 8270	98-051-8167
2-Methyl-4,6-dinitrophenol	U	ug/kg	5400	11-MAY-99	EPA 8270	98-051-8167
N-Nitrosodiphenylamine	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
4-Bromophenylphenylether	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Hexachlorobenzene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Pentachlorophenol	U	ug/kg	5400	11-MAY-99	EPA 8270	98-051-8167
Phenanthrene	18000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Anthracene	5800	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Carbazole	2300	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Di-n-butyl phthalate	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Fluoranthene	22000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Pyrene	20000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Butylbenzyl phthalate	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Benzo(a)anthracene	11000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
3,3-Dichlorobenzidine	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8167
Chrysene	9500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-1

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-1 (0-3')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bis-2-ethylhexyl phthalate	U		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Di-n-octyl phthalate	U		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Benzo(b)fluoranthene	12000		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Benzo(k)fluoranthene	3900		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Benzo(a)pyrene	9700		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Indeno(1,2,3-cd)pyrene	4400		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Dibenzo(a,h)anthracene	U		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Benzo(g,h,i)perylene	3600		ug/kg	1400	11-MAY-99	EPA 8270	98-051-8167
Extraction Information:					30-APR-99		98-174-99
Surrogate Recovery:							
Terphenyl-d14	127		%				98-051-8167
2-Fluorophenol	95		%				98-051-8167
Phenol-d5	110		%				98-051-8167
2,4,6-Tribromophenol	125	D	%				98-051-8167
Nitrobenzene-d5	107		%				98-051-8167
2-Fluorobiphenyl	114		%				98-051-8167

Analysis Comment: Results Calculated on a dry weight basis. D-Diluted.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-2

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	L33677-1MS, TP-1 (0-3')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:00 by CLIENT
P.O. NO	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	1.93	mg/kg	0.328	12-MAY-99	EPA 335.3	99-003-24
Aluminum	7240	mg/kg	8.86	04-MAY-99	EPA 6010	99-081-10
Antimony	35.7	mg/kg	5.90	04-MAY-99	EPA 6010	99-081-10
Arsenic	6.8	mg/kg	2.30	04-MAY-99	EPA 7060	98-146-37
Barium	367	mg/kg	1.89	04-MAY-99	EPA 6010	99-081-10
Beryllium	6.04	mg/kg	0.236	04-MAY-99	EPA 6010	99-081-10
Cadmium	6.36	mg/kg	0.5900	04-MAY-99	EPA 6010	99-081-10
Chromium	32.4	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Cobalt	57.7	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Copper	47.7	mg/kg	2.01	04-MAY-99	EPA 6010	99-081-10
Iron	11000	mg/kg	4.72	04-MAY-99	EPA 6010	99-081-10
Lead	138	mg/kg	5.20	04-MAY-99	EPA 6010	99-081-10
Manganese	370	mg/kg	0.590	04-MAY-99	EPA 6010	99-081-10
Mercury	0.17	mg/kg	0.0110	05-MAY-99	EPA 7470	98-126-19
Nickel	66.1	mg/kg	1.42	04-MAY-99	EPA 6010	99-081-10
Selenium	2.2	mg/kg	0.580	08-MAY-99	EPA 7740	96-079-83
Silver	5.46	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Thallium	216	mg/kg	7.67	04-MAY-99	EPA 6010	99-081-10
Vanadium	72.6	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Zinc	270	mg/kg	2.36	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID : L33677-2

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	L33677-1MS, TP-1 (0-3')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Chloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Vinyl chloride	U	ug/kg	2	29-APR-99	EPA 8260	99-034-6656
Bromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Chloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Trichlorofluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Acrolein	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6656
1,1-Dichloroethene	55	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Acetone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6656
Carbon disulfide	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Methylene Chloride	7	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Acrylonitrile	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6656
trans-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,1-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
cis-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Methyl ethyl ketone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6656
Chloroform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,1,1-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Carbon tetrachloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Benzene	59	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6656
1,2-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Trichloroethene	46	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,2-Dichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Dibromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Bromodichloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
2-Chloroethylvinylether	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
cis-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Methyl isobutyl ketone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6656
Toluene	58	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
trans-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,1,2-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Tetrachloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
2-Hexanone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6656
Dibromochloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,2-Dibromoethane (EDB)	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Chlorobenzene	57	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,1,1,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Ethylbenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
p-Xylene/m-xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
o-Xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-2

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	L33677-1MS, TP-1 (0-3')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Styrene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Bromoform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Bromobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,1,2,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,2,3-Trichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
2-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
4-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,3-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,4-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,2-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
1,2-Dibromo-3-chloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6656
Surrogate Recovery:						
Dibromofluoromethane	110	%				99-034-6656
Toluene-d8	103	%				99-034-6656
4-Bromofluorobenzene	107	%				99-034-6656
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8081						
Lindane (gamma-BHC)	114	%		05-MAY-99	EPA 8081	99-049-6743
Heptachlor	84	%		05-MAY-99	EPA 8081	99-049-6743
Aldrin	52	%		05-MAY-99	EPA 8081	99-049-6743
Dieldrin	80	%		05-MAY-99	EPA 8081	99-049-6743
Endrin	67	%		05-MAY-99	EPA 8081	99-049-6743
4,4'-DDT	96	%		05-MAY-99	EPA 8081	99-049-6743
Surrogate Recovery:						
Decachlorobiphenyl	98	%				99-049-6743
Decachlorobiphenyl	113	%				99-049-6741
EPA 8082						
PCB 1016	70	%		05-MAY-99	EPA 8082	99-049-6741
PCB 1260	67	%		05-MAY-99	EPA 8082	99-049-6741

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-2

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	L33677-1MS, TP-1 (0-3')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
Decachlorobiphenyl	98	%				99-049-6743
Decachlorobiphenyl	113	%				99-049-6741
EPA 8270						
Bis(2-chloroethylether)	2200	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Phenol	5200	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2-Chlorophenol	1300	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
1,3-Dichlorobenzene	2300	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
1,4-Dichlorobenzene	2300	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
1,2-Dichlorobenzene	2400	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Bis(2-chloroisopropylether)	2800	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2-Methylphenol	3100	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Hexachloroethane	2500	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
N-Nitrosodi-N-propylamine	2800	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
3-Methylphenol/4-Methylphenol	3200	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Nitrobenzene	2700	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Isophorone	2500	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2-Nitrophenol	5000	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2,4-Dimethylphenol	5700	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Bis(2-chloroethoxymethane)	2600	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2,4-Dichlorophenol	5300	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
1,2,4-Trichlorobenzene	2600	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Naphthalene	17000	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
4-Chloroaniline	U	ug/kg	2600	11-MAY-99	EPA 8270	98-051-8168
Hexachlorobutadiene	2300	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
4-Chloro-3-methylphenol	5700	ug/kg	2600	11-MAY-99	EPA 8270	98-051-8168
2-Methylnaphthalene	7300	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Hexachlorocyclopentadiene	U	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2,4,6-Trichlorophenol	6000	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2,4,5-Trichlorophenol	3100	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2-Chloronaphthalene	3000	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2-Nitroaniline	U	ug/kg	5200	11-MAY-99	EPA 8270	98-051-8168
Dimethyl phthalate	5500	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Acenaphthylene	3100	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2,6-Dinitrotoluene	2600	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
3-Nitroaniline	U	ug/kg	5200	11-MAY-99	EPA 8270	98-051-8168
Acenaphthene	31000	ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2,4-Dinitrophenol	U	ug/kg	5200	11-MAY-99	EPA 8270	98-051-8168

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-2

Benchmark Environmental Engineering
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SAMPLE SOURCE :	
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SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Dibenzofuran	21000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
2,4-Dinitrotoluene	3200		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
4-Nitrophenol	7300		ug/kg	5200	11-MAY-99	EPA 8270	98-051-8168
Diethyl phthalate	2900		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Fluorene	37000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
4-Chlorophenylphenylether	2900		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
4-Nitroaniline	U		ug/kg	5200	11-MAY-99	EPA 8270	98-051-8168
2-Methyl-4,6-dinitrophenol	U		ug/kg	5200	11-MAY-99	EPA 8270	98-051-8168
N-Nitrosodiphenylamine	U		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
4-Bromophenylphenylether	3100		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Hexachlorobenzene	3000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Pentachlorophenol	U		ug/kg	5200	11-MAY-99	EPA 8270	98-051-8168
Phenanthrene	210000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Anthracene	74000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Carbazole	32000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Di-n-butyl phthalate	2600		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Fluoranthene	170000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Pyrene	180000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Butylbenzyl phthalate	3500		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Benzo(a)anthracene	97000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
3,3-Dichlorobenzidine	3200		ug/kg	2600	11-MAY-99	EPA 8270	98-051-8168
Chrysene	77000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Bis-2-ethylhexyl phthalate	3600		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Di-n-octyl phthalate	4900		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Benzo(b)fluoranthene	100000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Benzo(k)fluoranthene	34000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Benzo(a)pyrene	75000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Indeno(1,2,3-cd)pyrene	37000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Dibenzo(a,h)anthracene	13000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Benzo(g,h,i)perylene	32000		ug/kg	1300	11-MAY-99	EPA 8270	98-051-8168
Extraction Information:					30-APR-99		98-174-99
Surrogate Recovery:							
Terphenyl-d14	162	D	%				98-051-8168
2-Fluorophenol	107		%				98-051-8168
Phenol-d5	127	D	%				98-051-8168
2,4,6-Tribromophenol	143	D	%				98-051-8168

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

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TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-2

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

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SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Nitrobenzene-d5	116	D	%				98-051-8168
2-Fluorobiphenyl	132	D	%				98-051-8168

Analysis Comment: Results Calculated on a dry weight basis.D-Diluted

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-3

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	240 KENSINGTON AVE.
ORIGIN :	L33677-1MSD/DUP, TP-1
DESCRIPTION :	GRAB
SAMPLED ON :	26-APR-99 10:00 by CLIENT
DATE RECEIVED :	28-APR-99 08:45
P.O. NO. :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.323	12-MAY-99	EPA 335.3	99-003-24
Total Solids	85.27	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	7020	mg/kg	8.90	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	5.94	04-MAY-99	EPA 6010	99-081-10
Arsenic	3.7	mg/kg	1.10	04-MAY-99	EPA 7060	98-146-37
Barium	141	mg/kg	1.90	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.705	mg/kg	0.237	04-MAY-99	EPA 6010	99-081-10
Cadmium	0.595	mg/kg	0.5940	04-MAY-99	EPA 6010	99-081-10
Calcium	58800	mg/kg	600	10-MAY-99	EPA 6010	99-081-12
Chromium	11.7	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Cobalt	4.87	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Copper	21.8	mg/kg	2.02	04-MAY-99	EPA 6010	99-081-10
Iron	11300	mg/kg	4.74	04-MAY-99	EPA 6010	99-081-10
Lead	94.2	mg/kg	5.22	04-MAY-99	EPA 6010	99-081-10
Magnesium	13600	mg/kg	59.3	04-MAY-99	EPA 6010	99-081-10
Manganese	385	mg/kg	0.594	04-MAY-99	EPA 6010	99-081-10
Mercury	0.14	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	14.1	mg/kg	1.43	04-MAY-99	EPA 6010	99-081-10
Potassium	936	mg/kg	59.3	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.560	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

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TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-3

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	L33677-1MSD/DUP, TP-1
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	130	mg/kg	23.7	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.72	04-MAY-99	EPA 6010	99-081-10
Vanadium	17.7	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Zinc	289	mg/kg	2.37	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Chloromethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Vinyl chloride	U,J	ug/kg	2	29-APR-99	EPA 8260	99-034-6657
Bromomethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Chloroethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Trichlorofluoromethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Acrolein	U,J	ug/kg	23	29-APR-99	EPA 8260	99-034-6657
1,1-Dichloroethene	60 J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Acetone	U,J	ug/kg	29	29-APR-99	EPA 8260	99-034-6657
Carbon disulfide	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Methylene Chloride	8 J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Acrylonitrile	U	ug/kg	23	29-APR-99	EPA 8260	99-034-6657
trans-1,2-Dichloroethene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,1-Dichloroethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
cis-1,2-Dichloroethene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Methyl ethyl ketone	U,J	ug/kg	29	29-APR-99	EPA 8260	99-034-6657
Chloroform	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,1,1-Trichloroethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Carbon tetrachloride	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Benzene	68 J	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6657
1,2-Dichloroethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Trichloroethene	54	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,2-Dichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Dibromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Bromodichloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
2-Chloroethylvinylether	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
cis-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Methyl isobutyl ketone	U	ug/kg	12	29-APR-99	EPA 8260	99-034-6657
Toluene	62	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
trans-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,1,2-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Tetrachloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6657

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	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Hexanone	U		ug/kg	12	29-APR-99	EPA 8260	99-034-6657
Dibromochloromethane	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,2-Dibromoethane (EDB)	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Chlorobenzene	65		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,1,1,2-Tetrachloroethane	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Ethylbenzene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
p-Xylene/m-xylene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
o-Xylene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Styrene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Bromoform	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Bromobenzene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,1,2,2-Tetrachloroethane	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,2,3-Trichloropropane	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
2-Chlorotoluene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
4-Chlorotoluene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,3-Dichlorobenzene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,4-Dichlorobenzene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,2-Dichlorobenzene	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
1,2-Dibromo-3-chloropropane	U		ug/kg	6	29-APR-99	EPA 8260	99-034-6657
Surrogate Recovery:							
Dibromofluoromethane	119	*	%				99-034-6657
Toluene-d8	94		%				99-034-6657
4-Bromofluorobenzene	107		%				99-034-6657
Analysis Comment: Dry weight basis.J-Estimate. Internal std. out low. Outside of QC limits.							
EPA 8081							
Lindane (gamma-BHC)	93		%		05-MAY-99	EPA 8081	99-049-6744
Heptachlor	101		%		05-MAY-99	EPA 8081	99-049-6744
Aldrin	49		%		05-MAY-99	EPA 8081	99-049-6744
Dieldrin	77		%		05-MAY-99	EPA 8081	99-049-6744
Endrin	70		%		05-MAY-99	EPA 8081	99-049-6744
4,4'-DDT	79		%		05-MAY-99	EPA 8081	99-049-6744

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-3

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	L33677-1MSD/DUP, TP-1
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
Decachlorobiphenyl	107	%				99-049-6744
Decachlorobiphenyl	121	%				99-049-6742
EPA 8082						
PCB 1016	73	%		05-MAY-99	EPA 8082	99-049-6742
PCB 1260	74	%		05-MAY-99	EPA 8082	99-049-6742
Surrogate Recovery:						
Decachlorobiphenyl	107	%				99-049-6744
Decachlorobiphenyl	121	%				99-049-6742
EPA 8270						
Bis(2-chloroethylether)	2900	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Phenol	5700	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2-Chlorophenol	5500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
1,3-Dichlorobenzene	2500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
1,4-Dichlorobenzene	2600	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
1,2-Dichlorobenzene	2700	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Bis(2-chloroisopropylether)	3200	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2-Methylphenol	3300	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Hexachloroethane	2600	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
N-Nitrosodi-N-propylamine	3200	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
3-Methylphenol/4-Methylphenol	3400	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Nitrobenzene	3000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Isophorone	2700	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2-Nitrophenol	5500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2,4-Dimethylphenol	5800	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Bis(2-chloroethoxymethane)	2900	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2,4-Dichlorophenol	5500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
1,2,4-Trichlorobenzene	2900	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Naphthalene	6500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
4-Chloroaniline	U	ug/kg	2800	11-MAY-99	EPA 8270	98-051-8169
Hexachlorobutadiene	2500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
4-Chloro-3-methylphenol	6000	ug/kg	2800	11-MAY-99	EPA 8270	98-051-8169
2-Methylnaphthalene	4200	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Hexachlorocyclopentadiene	U	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169

QC

NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-3

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	L33677-1MSD/DUP, TP-1
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4,6-Trichlorophenol	6300	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2,4,5-Trichlorophenol	3400	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2-Chloronaphthalene	3100	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2-Nitroaniline	U	ug/kg	5700	11-MAY-99	EPA 8270	98-051-8169
Dimethyl phthalate	3200	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Acenaphthylene	3200	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2,6-Dinitrotoluene	2800	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
3-Nitroaniline	U	ug/kg	5700	11-MAY-99	EPA 8270	98-051-8169
Acenaphthene	14000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2,4-Dinitrophenol	U	ug/kg	5700	11-MAY-99	EPA 8270	98-051-8169
Dibenzofuran	9600	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
2,4-Dinitrotoluene	3100	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
4-Nitrophenol	7100	ug/kg	5700	11-MAY-99	EPA 8270	98-051-8169
Diethyl phthalate	3100	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Fluorene	16000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
4-Chlorophenylphenylether	3100	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
4-Nitroaniline	U	ug/kg	5700	11-MAY-99	EPA 8270	98-051-8169
2-Methyl-4,6-dinitrophenol	U	ug/kg	5700	11-MAY-99	EPA 8270	98-051-8169
N-Nitrosodiphenylamine	3900	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
4-Bromophenylphenylether	3200	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Hexachlorobenzene	3100	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Pentachlorophenol	U	ug/kg	5700	11-MAY-99	EPA 8270	98-051-8169
Phenanthrene	89000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Anthracene	32000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Carbazole	11000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Di-n-butyl phthalate	2800	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Fluoranthene	78000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Pyrene	80000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Butylbenzyl phthalate	3500	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Benzo(a)anthracene	44000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
3,3-Dichlorobenzidine	3200	ug/kg	2800	11-MAY-99	EPA 8270	98-051-8169
Chrysene	37000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Bis-2-ethylhexyl phthalate	5600	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Di-n-octyl phthalate	5300	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Benzo(b)fluoranthene	47000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Benzo(k)fluoranthene	20000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Benzo(a)pyrene	36000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Indeno(1,2,3-cd)pyrene	17000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Dibenzo(a,h)anthracene	5100	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169
Benzo(g,h,i)perylene	14000	ug/kg	1400	11-MAY-99	EPA 8270	98-051-8169

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-3

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	L33677-1MSD/DUP, TP-1
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:					30-APR-99		98-174-99
Surrogate Recovery:							
Terphenyl-d14	139		%				98-051-8169
2-Fluorophenol	99		%				98-051-8169
Phenol-d5	119	D	%				98-051-8169
2,4,6-Tribromophenol	130	D	%				98-051-8169
Nitrobenzene-d5	117	D	%				98-051-8169
2-Fluorobiphenyl	118	D	%				98-051-8169

Analysis Comment: Results Calculated on a dry weight basis. D-Diluted.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-4

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-2 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.459	12-MAY-99	EPA 335.3	99-003-24
Total Solids	83.81	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	10200	mg/kg	9.18	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	6.12	04-MAY-99	EPA 6010	99-081-10
Arsenic	3.8	mg/kg	1.40	05-MAY-99	EPA 7060	98-146-38
Barium	125	mg/kg	1.96	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.69	mg/kg	0.245	04-MAY-99	EPA 6010	99-081-10
Cadmium	0.691	mg/kg	0.6120	04-MAY-99	EPA 6010	99-081-10
Calcium	53900	mg/kg	61.2	04-MAY-99	EPA 6010	99-081-10
Chromium	14.9	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10
Cobalt	8.31	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10
Copper	26.7	mg/kg	2.08	04-MAY-99	EPA 6010	99-081-10
Iron	17100	mg/kg	4.90	04-MAY-99	EPA 6010	99-081-10
Lead	145	mg/kg	5.39	04-MAY-99	EPA 6010	99-081-10
Magnesium	18200	mg/kg	61.2	04-MAY-99	EPA 6010	99-081-10
Manganese	415	mg/kg	0.612	04-MAY-99	EPA 6010	99-081-10
Mercury	0.37	mg/kg	0.0110	05-MAY-99	EPA 7470	98-126-19
Nickel	19.1	mg/kg	1.47	04-MAY-99	EPA 6010	99-081-10
Potassium	1330	mg/kg	61.2	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.570	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-4

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-2 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	136	mg/kg	24.4	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.96	04-MAY-99	EPA 6010	99-081-10
Vanadium	20.8	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10
Zinc	139	mg/kg	2.45	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Chloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6661
Bromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Chloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Trichlorofluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Acrolein	U	ug/kg	23	30-APR-99	EPA 8260	99-034-6661
1,1-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Acetone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6661
Carbon disulfide	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Methylene Chloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Acrylonitrile	U	ug/kg	23	30-APR-99	EPA 8260	99-034-6661
trans-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,1-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
cis-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Methyl ethyl ketone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6661
Chloroform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,1,1-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Carbon tetrachloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6661
1,2-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Trichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,2-Dichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Dibromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Bromodichloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
2-Chloroethylvinylether	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
cis-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Methyl isobutyl ketone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6661
Toluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
trans-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,1,2-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Tetrachloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-4

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-2 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:15 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Hexanone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6661
Dibromochloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,2-Dibromoethane (EDB)	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Chlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,1,1,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Ethylbenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
p-Xylene/m-xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
o-Xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Styrene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Bromoform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Bromobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,1,2,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,2,3-Trichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
2-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
4-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,3-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,4-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,2-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
1,2-Dibromo-3-chloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6661
Surrogate Recovery:						
Dibromofluoromethane	111	%				99-034-6661
Toluene-d8	95	%				99-034-6661
4-Bromofluorobenzene	105	%				99-034-6661
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8081						
alpha-BHC	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
beta-BHC	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Lindane (gamma-BHC)	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
delta-BHC	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Heptachlor	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Aldrin	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Heptachlor epoxide	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
alpha-Chlordane	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Endosulfan I	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
gamma-Chlordane	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
4,4'-DDE	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Dieldrin	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-4

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-2 (0-1')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:15 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Endrin	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Endosulfan II	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
4,4'-DDD	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Endrin ketone	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Endrin aldehyde	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Endosulfan sulfate	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
4,4'-DDT	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Methoxychlor	U	mg/kg	0.05	05-MAY-99	EPA 8081	99-049-6745
Toxaphene	U	mg/kg	0.5	05-MAY-99	EPA 8081	99-049-6745
Surrogate Recovery:						
Decachlorobiphenyl	108	%				99-049-6745
EPA 8082						
PCB 1016	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6745
PCB 1221	U	mg/kg	0.2	05-MAY-99	EPA 8082	99-049-6745
PCB 1232	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6745
PCB 1242	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6745
PCB 1248	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6745
PCB 1254	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6745
PCB 1260	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6745
Surrogate Recovery:						
Decachlorobiphenyl	108	%				99-049-6745
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Phenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2-Chlorophenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
1,3-Dichlorobenzene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
1,4-Dichlorobenzene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
1,2-Dichlorobenzene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Bis(2-chloroisopropylether)	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2-Methylphenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Hexachloroethane	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
N-Nitrosodi-N-propylamine	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
3-Methylphenol/4-Methylphenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Nitrobenzene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Isophorone	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2-Nitrophenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152

QC ____ NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-4

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-2 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:15 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4-Dimethylphenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Bis(2-chloroethoxymethane)	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2,4-Dichlorophenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
1,2,4-Trichlorobenzene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Naphthalene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
4-Chloroaniline	U	ug/kg	550	10-MAY-99	EPA 8270	98-051-8152
Hexachlorobutadiene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
4-Chloro-3-methylphenol	U	ug/kg	550	10-MAY-99	EPA 8270	98-051-8152
2-Methylnaphthalene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Hexachlorocyclopentadiene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2,4,6-Trichlorophenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2,4,5-Trichlorophenol	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2-Chloronaphthalene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8152
Dimethyl phthalate	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Acenaphthylene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2,6-Dinitrotoluene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
3-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8152
Acenaphthene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2,4-Dinitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8152
Dibenzofuran	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
2,4-Dinitrotoluene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
4-Nitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8152
Diethyl phthalate	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Fluorene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
4-Chlorophenylphenylether	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
4-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8152
2-Methyl-4,6-dinitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8152
N-Nitrosodiphenylamine	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
4-Bromophenylphenylether	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Hexachlorobenzene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Pentachlorophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8152
Phenanthrene	330	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Anthracene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Carbazole	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Di-n-butyl phthalate	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Fluoranthene	600	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Pyrene	600	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Butylbenzyl phthalate	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Benzo(a)anthracene	350	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
3,3-Dichlorobenzidine	U	ug/kg	550	10-MAY-99	EPA 8270	98-051-8152
Chrysene	350	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-4

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-2 (0-1')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:15 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bis-2-ethylhexyl phthalate	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Di-n-octyl phthalate	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Benzo(b)fluoranthene	480	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Benzo(k)fluoranthene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Benzo(a)pyrene	350	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Indeno(1,2,3-cd)pyrene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Dibenzo(a,h)anthracene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Benzo(g,h,i)perylene	U	ug/kg	270	10-MAY-99	EPA 8270	98-051-8152
Extraction Information:				30-APR-99		98-174-99
Surrogate Recovery:						
Terphenyl-d14	132	%				98-051-8152
2-Fluorophenol	94	%				98-051-8152
Phenol-d5	105	%				98-051-8152
2,4,6-Tribromophenol	118	%				98-051-8152
Nitrobenzene-d5	109	%				98-051-8152
2-Fluorobiphenyl	114	%				98-051-8152

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-5

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-3 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:30 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.579	12-MAY-99	EPA 335.3	99-003-24
Total Solids	87.67	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	9100	mg/kg	8.44	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	5.63	04-MAY-99	EPA 6010	99-081-10
Arsenic	4.2	mg/kg	1.30	05-MAY-99	EPA 7060	98-146-38
Barium	74.3	mg/kg	1.80	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.675	mg/kg	0.225	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.5630	04-MAY-99	EPA 6010	99-081-10
Calcium	69900	mg/kg	560	10-MAY-99	EPA 6010	99-081-12
Chromium	13	mg/kg	1.13	04-MAY-99	EPA 6010	99-081-10
Cobalt	7.2	mg/kg	1.13	04-MAY-99	EPA 6010	99-081-10
Copper	20.9	mg/kg	1.91	04-MAY-99	EPA 6010	99-081-10
Iron	15600	mg/kg	4.50	04-MAY-99	EPA 6010	99-081-10
Lead	75.8	mg/kg	4.95	04-MAY-99	EPA 6010	99-081-10
Magnesium	13600	mg/kg	56.2	04-MAY-99	EPA 6010	99-081-10
Manganese	451	mg/kg	0.563	04-MAY-99	EPA 6010	99-081-10
Mercury	0.14	mg/kg	0.0110	05-MAY-99	EPA 7470	98-126-19
Nickel	17.5	mg/kg	1.35	04-MAY-99	EPA 6010	99-081-10
Potassium	1210	mg/kg	56.2	04-MAY-99	EPA 6010	99-081-10
Selenium	U W	mg/kg	0.520	08-MAY-99	EPA 7740	96-079-83
Analysis Comment: W-Post spike recovery is out. Sample result is less than half post spike level.						
Silver	U	mg/kg	1.13	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID :L33677-5

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-3 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	119	mg/kg	22.5	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.32	04-MAY-99	EPA 6010	99-081-10
Vanadium	19.2	mg/kg	1.13	04-MAY-99	EPA 6010	99-081-10
Zinc	98.4	mg/kg	2.25	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Chloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6662
Bromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Chloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Trichlorofluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Acrolein	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6662
1,1-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Acetone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6662
Carbon disulfide	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Methylene Chloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Acrylonitrile	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6662
trans-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,1-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
cis-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Methyl ethyl ketone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6662
Chloroform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,1,1-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Carbon tetrachloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6662
1,2-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Trichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,2-Dichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Dibromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Bromodichloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
2-Chloroethylvinylether	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
cis-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Methyl isobutyl ketone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6662
Toluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
trans-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,1,2-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662

QC JB NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

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FRIEND LABORATORY I · N · C

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TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID :L33677-5

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-3 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Tetrachloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
2-Hexanone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6662
Dibromochloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,2-Dibromoethane (EDB)	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Chlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,1,1,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Ethylbenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
p-Xylene/m-xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
o-Xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Styrene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Bromoform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Bromobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,1,2,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,2,3-Trichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
2-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
4-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,3-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,4-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,2-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
1,2-Dibromo-3-chloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6662
Surrogate Recovery:						
Dibromofluoromethane	108	%				99-034-6662
Toluene-d8	103	%				99-034-6662
4-Bromofluorobenzene	110	%				99-034-6662
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8081						
alpha-BHC	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
beta-BHC	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Lindane (gamma-BHC)	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
delta-BHC	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Heptachlor	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Aldrin	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Heptachlor epoxide	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
alpha-Chlordane	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Endosulfan I	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
gamma-Chlordane	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
4,4'-DDE	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID :L33677-5

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-3 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Dieldrin	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Endrin	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Endosulfan II	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
4,4'-DDD	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Endrin ketone	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Endrin aldehyde	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Endosulfan sulfate	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
4,4'-DDT	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Methoxychlor	U	mg/kg	0.06	05-MAY-99	EPA 8081	99-049-6746
Toxaphene	U	mg/kg	0.6	05-MAY-99	EPA 8081	99-049-6746
Surrogate Recovery:						
Decachlorobiphenyl	103	%				99-049-6746
EPA 8082						
PCB 1016	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6746
PCB 1221	U	mg/kg	0.2	05-MAY-99	EPA 8082	99-049-6746
PCB 1232	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6746
PCB 1242	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6746
PCB 1248	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6746
PCB 1254	U	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6746
PCB 1260	0.3	mg/kg	0.1	05-MAY-99	EPA 8082	99-049-6746
Surrogate Recovery:						
Decachlorobiphenyl	103	%				99-049-6746
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Phenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2-Chlorophenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
1,3-Dichlorobenzene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
1,4-Dichlorobenzene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
1,2-Dichlorobenzene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Bis(2-chloroisopropylether)	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2-Methylphenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Hexachloroethane	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
N-Nitrosodi-N-propylamine	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
3-Methylphenol/4-Methylphenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Nitrobenzene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Isophorone	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-5

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-3 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitrophenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2,4-Dimethylphenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Bis(2-chloroethoxymethane)	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2,4-Dichlorophenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
1,2,4-Trichlorobenzene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Naphthalene	2100	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
4-Chloroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8156
Hexachlorobutadiene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
4-Chloro-3-methylphenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8156
2-Methylnaphthalene	930	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Hexachlorocyclopentadiene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2,4,6-Trichlorophenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2,4,5-Trichlorophenol	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2-Chloronaphthalene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2-Nitroaniline	U	ug/kg	2100	10-MAY-99	EPA 8270	98-051-8156
Dimethyl phthalate	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Acenaphthylene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2,6-Dinitrotoluene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
3-Nitroaniline	U	ug/kg	2100	10-MAY-99	EPA 8270	98-051-8156
Acenaphthene	570	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2,4-Dinitrophenol	U	ug/kg	2100	10-MAY-99	EPA 8270	98-051-8156
Dibenzofuran	1200	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
2,4-Dinitrotoluene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
4-Nitrophenol	U	ug/kg	2100	10-MAY-99	EPA 8270	98-051-8156
Diethyl phthalate	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Fluorene	1400	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
4-Chlorophenylphenylether	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
4-Nitroaniline	U	ug/kg	2100	10-MAY-99	EPA 8270	98-051-8156
2-Methyl-4,6-dinitrophenol	U	ug/kg	2100	10-MAY-99	EPA 8270	98-051-8156
N-Nitrosodiphenylamine	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
4-Bromophenylphenylether	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Hexachlorobenzene	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Pentachlorophenol	U	ug/kg	2100	10-MAY-99	EPA 8270	98-051-8156
Phenanthrene	8200	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Anthracene	2200	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Carbazole	640	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Di-n-butyl phthalate	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Fluoranthene	7200	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Pyrene	7800	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Butylbenzyl phthalate	U	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Benzo(a)anthracene	4600	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
3,3-Dichlorobenzidine	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8156

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-8

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-4 @7'
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 11:35 by CLIENT
P.O NO. :	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.66	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Chloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Vinyl chloride	U	ug/kg	2	29-APR-99	EPA 8260	99-034-6654
Bromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Chloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Trichlorofluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Acrolein	U	ug/kg	23	29-APR-99	EPA 8260	99-034-6654
1,1-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Acetone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6654
Carbon disulfide	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Methylene Chloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Acrylonitrile	U	ug/kg	23	29-APR-99	EPA 8260	99-034-6654
trans-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,1-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
cis-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Methyl ethyl ketone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6654
Chloroform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,1,1-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Carbon tetrachloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Benzene	U	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6654
1,2-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Trichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,2-Dichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Dibromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Bromodichloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
2-Chloroethylvinylether	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
cis-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Methyl isobutyl ketone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6654
Toluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
trans-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,1,2-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Tetrachloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
2-Hexanone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6654
Dibromochloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,2-Dibromoethane (EDB)	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Chlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,1,1,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Ethylbenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-8

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-4 @7'
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 11:35 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
o-Xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Styrene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Bromoform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Bromobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,1,2,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,2,3-Trichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
2-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
4-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,3-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,4-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,2-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
1,2-Dibromo-3-chloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6654
Surrogate Recovery:						
Dibromofluoromethane	109	%				99-034-6654
Toluene-d8	102	%				99-034-6654
4-Bromofluorobenzene	113	%				99-034-6654

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-9

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-4 (1-7')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 11:35 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.605	12-MAY-99	EPA 335.3	99-003-24
Total Solids	80.97	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	7060	mg/kg	9.39	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	6.26	04-MAY-99	EPA 6010	99-081-10
Arsenic	3	mg/kg	1.50	05-MAY-99	EPA 7060	98-146-38
Barium	78.5	mg/kg	2.00	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.564	mg/kg	0.250	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.6260	04-MAY-99	EPA 6010	99-081-10
Calcium	31900	mg/kg	62.5	04-MAY-99	EPA 6010	99-081-10
Chromium	12.4	mg/kg	1.25	04-MAY-99	EPA 6010	99-081-10
Cobalt	9.13	mg/kg	1.25	04-MAY-99	EPA 6010	99-081-10
Copper	27.3	mg/kg	2.13	04-MAY-99	EPA 6010	99-081-10
Iron	13300	mg/kg	5.01	04-MAY-99	EPA 6010	99-081-10
Lead	126	mg/kg	5.51	04-MAY-99	EPA 6010	99-081-10
Magnesium	10600	mg/kg	62.5	04-MAY-99	EPA 6010	99-081-10
Manganese	369	mg/kg	0.626	04-MAY-99	EPA 6010	99-081-10
Mercury	0.16	mg/kg	0.0130	05-MAY-99	EPA 7470	98-126-19
Nickel	12.7	mg/kg	1.50	04-MAY-99	EPA 6010	99-081-10
Potassium	938	mg/kg	62.5	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.620	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.25	04-MAY-99	EPA 6010	99-081-10

QC: NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-9

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	240 KENSINGTON AVE.
ORIGIN :	TP-4 (1-7')
DESCRIPTION :	GRAB
SAMPLED ON :	26-APR-99 11:35 by CLIENT
DATE RECEIVED :	28-APR-99 08:45
P.O. NO. :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	248	mg/kg	25.0	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	8.13	04-MAY-99	EPA 6010	99-081-10
Vanadium	19.7	mg/kg	1.25	04-MAY-99	EPA 6010	99-081-10
Zinc	176	mg/kg	2.50	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
beta-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Lindane (gamma-BHC)	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
delta-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Heptachlor	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Aldrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Heptachlor epoxide	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
alpha-Chlordane	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Endosulfan I	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
gamma-Chlordane	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
4,4'-DDE	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Dieldrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Endrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Endosulfan II	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
4,4'-DDD	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Endrin ketone	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Endrin aldehyde	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Endosulfan sulfate	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
4,4'-DDT	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Methoxychlor	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6750
Toxaphene	U	mg/kg	0.6	06-MAY-99	EPA 8081	99-049-6750
Surrogate Recovery:						
Decachlorobiphenyl	108	%				99-049-6750

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-9

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-4 (1-7')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 11:35 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6750
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6750
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6750
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6750
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6750
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6750
PCB 1260	0.35	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6750
Surrogate Recovery:						
Decachlorobiphenyl	108	%				99-049-6750
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Phenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2-Chlorophenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
1,3-Dichlorobenzene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
1,4-Dichlorobenzene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
1,2-Dichlorobenzene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Bis(2-chloroisopropylether)	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2-Methylphenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Hexachloroethane	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
N-Nitrosodi-N-propylamine	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
3-Methylphenol/4-Methylphenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Nitrobenzene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Isophorone	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2-Nitrophenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2,4-Dimethylphenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Bis(2-chloroethoxymethane)	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2,4-Dichlorophenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
1,2,4-Trichlorobenzene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Naphthalene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
4-Chloroaniline	U	ug/kg	2900	10-MAY-99	EPA 8270	98-051-8158
Hexachlorobutadiene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
4-Chloro-3-methylphenol	U	ug/kg	2900	10-MAY-99	EPA 8270	98-051-8158
2-Methylnaphthalene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Hexachlorocyclopentadiene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2,4,6-Trichlorophenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2,4,5-Trichlorophenol	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2-Chloronaphthalene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158

QC

NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: _____ Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-9

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-4 (1-7')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 11:35 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	5800	10-MAY-99	EPA 8270	98-051-8158
Dimethyl phthalate	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Acenaphthylene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2,6-Dinitrotoluene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
3-Nitroaniline	U	ug/kg	5800	10-MAY-99	EPA 8270	98-051-8158
Acenaphthene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2,4-Dinitrophenol	U	ug/kg	5800	10-MAY-99	EPA 8270	98-051-8158
Dibenzofuran	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
2,4-Dinitrotoluene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
4-Nitrophenol	U	ug/kg	5800	10-MAY-99	EPA 8270	98-051-8158
Diethyl phthalate	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Fluorene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
4-Chlorophenylphenylether	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
4-Nitroaniline	U	ug/kg	5800	10-MAY-99	EPA 8270	98-051-8158
2-Methyl-4,6-dinitrophenol	U	ug/kg	5800	10-MAY-99	EPA 8270	98-051-8158
N-Nitrosodiphenylamine	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
4-Bromophenylphenylether	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Hexachlorobenzene	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Pentachlorophenol	U	ug/kg	5800	10-MAY-99	EPA 8270	98-051-8158
Phenanthrene	9000	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Anthracene	1900	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Carbazole	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Di-n-butyl phthalate	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Fluoranthene	6300	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Pyrene	8100	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Butylbenzyl phthalate	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Benzo(a)anthracene	3700	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
3,3-Dichlorobenzidine	U	ug/kg	2900	10-MAY-99	EPA 8270	98-051-8158
Chrysene	3200	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Bis-2-ethylhexyl phthalate	U	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Di-n-octyl phthalate	U,J	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Benzo(b)fluoranthene	4200	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Benzo(k)fluoranthene	1600 J	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Benzo(a)pyrene	3100 J	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Indeno(1,2,3-cd)pyrene	U,J	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Dibenzo(a,h)anthracene	U,J	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Benzo(g,h,i)perylene	U,J	ug/kg	1500	10-MAY-99	EPA 8270	98-051-8158
Extraction Information:				30-APR-99		98-174-99

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-9

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-4 (1-7')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 11:35 by CLIENT
P.O. NO :	28-APR-99 08:45
	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:							
Terphenyl-d14	154	D	%				98-051-8158
2-Fluorophenol	101		%				98-051-8158
Phenol-d5	118	D	%				98-051-8158
2,4,6-Tribromophenol	117		%				98-051-8158
Nitrobenzene-d5	127	D	%				98-051-8158
2-Fluorobiphenyl	128	D	%				98-051-8158

Analysis Comment: Dry weight basis. J-Estimated. Internal std. out low. D-Diluted.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-10

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-5 (0-1')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 13:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.57	05-MAY-99	EPA 335.3	99-003-23
Total Solids	80.38	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	7460	mg/kg	9.30	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	6.20	04-MAY-99	EPA 6010	99-081-10
Arsenic	5.3	mg/kg	1.40	04-MAY-99	EPA 7060	98-146-37
Barium	72.7	mg/kg	1.98	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.598	mg/kg	0.248	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.6200	04-MAY-99	EPA 6010	99-081-10
Calcium	105900	mg/kg	620	10-MAY-99	EPA 6010	99-081-12
Chromium	10.9	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10
Cobalt	6.04	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10
Copper	544	mg/kg	2.11	04-MAY-99	EPA 6010	99-081-10
Iron	13900	mg/kg	4.96	04-MAY-99	EPA 6010	99-081-10
Lead	65.8	mg/kg	5.46	04-MAY-99	EPA 6010	99-081-10
Magnesium	15300	mg/kg	6200	04-MAY-99	EPA 6010	99-081-10
Manganese	375	mg/kg	0.620	04-MAY-99	EPA 6010	99-081-10
Mercury	0.14	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	14.5	mg/kg	1.49	04-MAY-99	EPA 6010	99-081-10
Potassium	1170	mg/kg	6200	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.560	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-10

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-5 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	180	mg/kg	24.8	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	8.06	04-MAY-99	EPA 6010	99-081-10
Vanadium	17.5	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10
Zinc	111	mg/kg	2.48	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Chloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6663
Bromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Chloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Trichlorofluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Acrolein	U	ug/kg	24	30-APR-99	EPA 8260	99-034-6663
1,1-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Acetone	U	ug/kg	29	30-APR-99	EPA 8260	99-034-6663
Carbon disulfide	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Methylene Chloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Acrylonitrile	U	ug/kg	24	30-APR-99	EPA 8260	99-034-6663
trans-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,1-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
cis-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Methyl ethyl ketone	U	ug/kg	29	30-APR-99	EPA 8260	99-034-6663
Chloroform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,1,1-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Carbon tetrachloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6663
1,2-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Trichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,2-Dichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Dibromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Bromodichloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
2-Chloroethylvinylether	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
cis-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Methyl isobutyl ketone	U	ug/kg	12	30-APR-99	EPA 8260	99-034-6663
Toluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
trans-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,1,2-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Tetrachloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-10

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-5 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Hexanone	U	ug/kg	12	30-APR-99	EPA 8260	99-034-6663
Dibromochloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,2-Dibromoethane (EDB)	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Chlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,1,1,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Ethylbenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
p-Xylene/m-xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
o-Xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Styrene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Bromoform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Bromobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,1,2,2-Tetrachloroethane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,2,3-Trichloropropane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
2-Chlorotoluene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
4-Chlorotoluene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,3-Dichlorobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,4-Dichlorobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,2-Dichlorobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
1,2-Dibromo-3-chloropropane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6663
Surrogate Recovery:						
Dibromofluoromethane	114	%				99-034-6663
Toluene-d8	99	%				99-034-6663
4-Bromofluorobenzene	113	%				99-034-6663

Analysis Comment: Dry weight basis. J-Estimated. Internal Std. out low. Confirmed C6650.

EPA 8081

alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-10

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-5 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6751
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6751
Surrogate Recovery:						
Decachlorobiphenyl	112	%				99-049-6751
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6751
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6751
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6751
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6751
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6751
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6751
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6751
Surrogate Recovery:						
Decachlorobiphenyl	112	%				99-049-6751
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Phenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2-Chlorophenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
1,3-Dichlorobenzene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
1,4-Dichlorobenzene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
1,2-Dichlorobenzene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Bis(2-chloroisopropylether)	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2-Methylphenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Hexachloroethane	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
N-Nitrosodi-N-propylamine	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
3-Methylphenol/4-Methylphenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Nitrobenzene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Isophorone	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2-Nitrophenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-10

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-5 (0-1')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 13:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4-Dimethylphenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Bis(2-chloroethoxymethane)	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2,4-Dichlorophenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
1,2,4-Trichlorobenzene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Naphthalene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
4-Chloroaniline	U	ug/kg	550	10-MAY-99	EPA 8270	98-051-8154
Hexachlorobutadiene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
4-Chloro-3-methylphenol	U	ug/kg	550	10-MAY-99	EPA 8270	98-051-8154
2-Methylnaphthalene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Hexachlorocyclopentadiene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2,4,6-Trichlorophenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2,4,5-Trichlorophenol	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2-Chloronaphthalene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8154
Dimethyl phthalate	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Acenaphthylene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2,6-Dinitrotoluene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
3-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8154
Acenaphthene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2,4-Dinitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8154
Dibenzofuran	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
2,4-Dinitrotoluene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
4-Nitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8154
Diethyl phthalate	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Fluorene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
4-Chlorophenylphenylether	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
4-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8154
2-Methyl-4,6-dinitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8154
N-Nitrosodiphenylamine	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
4-Bromophenylphenylether	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Hexachlorobenzene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Pentachlorophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8154
Phenanthrene	920	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Anthracene	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Carbazole	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Di-n-butyl phthalate	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Fluoranthene	970	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Pyrene	950	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Butylbenzyl phthalate	U	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Benzo(a)anthracene	520	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
3,3-Dichlorobenzidine	U	ug/kg	550	10-MAY-99	EPA 8270	98-051-8154
Chrysene	440	ug/kg	280	10-MAY-99	EPA 8270	98-051-8154

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-10

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-5 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 13:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bis-2-ethylhexyl phthalate	U		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Di-n-octyl phthalate	U		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Benzo(b)fluoranthene	630		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Benzo(k)fluoranthene	U		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Benzo(a)pyrene	430		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Indeno(1,2,3-cd)pyrene	U		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Dibenzo(a,h)anthracene	U		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Benzo(g,h,i)perylene	U		ug/kg	280	10-MAY-99	EPA 8270	98-051-8154
Extraction Information:					30-APR-99		98-174-99
Surrogate Recovery:							
Terphenyl-d14	149	*	%				98-051-8154
2-Fluorophenol	115	*	%				98-051-8154
Phenol-d5	124	*	%				98-051-8154
2,4,6-Tribromophenol	128	*	%				98-051-8154
Nitrobenzene-d5	130	*	%				98-051-8154
2-Fluorobiphenyl	131	*	%				98-051-8154

Analysis Comment: Dry weight basis. *Recovery value is outside of control limits.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-11

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-5 @4.5'
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 13:15 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.5	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Chloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6664
Bromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Chloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Trichlorofluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Acrolein	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6664
1,1-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Acetone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6664
Carbon disulfide	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Methylene Chloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Acrylonitrile	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6664
trans-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,1-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
cis-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Methyl ethyl ketone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6664
Chloroform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,1,1-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Carbon tetrachloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6664
1,2-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Trichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,2-Dichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Dibromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Bromodichloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
2-Chloroethylvinylether	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
cis-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Methyl isobutyl ketone	U,J	ug/kg	11	30-APR-99	EPA 8260	99-034-6664
Toluene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
trans-1,3-Dichloropropene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,1,2-Trichloroethane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Tetrachloroethene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
2-Hexanone	U,J	ug/kg	11	30-APR-99	EPA 8260	99-034-6664
Dibromochloromethane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,2-Dibromoethane (EDB)	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Chlorobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,1,1,2-Tetrachloroethane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Ethylbenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6664

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-11

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-5 @4.5'
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
o-Xylene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Styrene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Bromoform	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Bromobenzene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,1,2,2-Tetrachloroethane	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,2,3-Trichloropropane	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
2-Chlorotoluene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
4-Chlorotoluene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,3-Dichlorobenzene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,4-Dichlorobenzene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,2-Dichlorobenzene	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
1,2-Dibromo-3-chloropropane	U,J		ug/kg	6	30-APR-99	EPA 8260	99-034-6664
Surrogate Recovery:							
Dibromofluoromethane	120	*	%				99-034-6664
Toluene-d8	107		%				99-034-6664
4-Bromofluorobenzene	125		%				99-034-6664

Analysis Comment: Dry weight basis. J-Estimated. Internal Std. out low. * Outside of limits.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-12

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-5 (1-4.5')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 13:15 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.484	05-MAY-99	EPA 335.3	99-003-23
Total Solids	90.08	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	7430	mg/kg	8.73	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	5.82	04-MAY-99	EPA 6010	99-081-10
Arsenic	4.4	mg/kg	1.40	06-MAY-99	EPA 7060	98-146-39
Barium	153	mg/kg	1.86	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.663	mg/kg	0.233	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.5820	04-MAY-99	EPA 6010	99-081-10
Calcium	81200	mg/kg	580	10-MAY-99	EPA 6010	99-081-12
Chromium	12.8	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10
Cobalt	6.86	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10
Copper	28.3	mg/kg	1.98	04-MAY-99	EPA 6010	99-081-10
Iron	11400	mg/kg	4.66	04-MAY-99	EPA 6010	99-081-10
Lead	233	mg/kg	5.12	04-MAY-99	EPA 6010	99-081-10
Magnesium	20000	mg/kg	58.1	04-MAY-99	EPA 6010	99-081-10
Manganese	479	mg/kg	0.582	04-MAY-99	EPA 6010	99-081-10
Mercury	0.16	mg/kg	0.0110	05-MAY-99	EPA 7470	98-126-19
Nickel	11.8	mg/kg	1.40	04-MAY-99	EPA 6010	99-081-10
Potassium	1150	mg/kg	58.1	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.570	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-12

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-5 (1-4.5')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 13:15 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	222	mg/kg	23.2	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.56	04-MAY-99	EPA 6010	99-081-10
Vanadium	15.1	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10
Zinc	286	mg/kg	2.33	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
beta-BHC	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Lindane (gamma-BHC)	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
delta-BHC	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Heptachlor	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Aldrin	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Heptachlor epoxide	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
alpha-Chlordane	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Endosulfan I	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
gamma-Chlordane	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
4,4'-DDE	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Dieldrin	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Endrin	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Endosulfan II	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
4,4'-DDD	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Endrin ketone	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Endrin aldehyde	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Endosulfan sulfate	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
4,4'-DDT	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Methoxychlor	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6752
Toxaphene	U	mg/kg	0.4	06-MAY-99	EPA 8081	99-049-6752
Surrogate Recovery:						
Decachlorobiphenyl	95	%				99-049-6752

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

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B = analyte was detected in the method or trip blank
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mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-12

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-5 (1-4.5')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 13:15 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6752
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6752
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6752
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6752
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6752
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6752
PCB 1260	0.24	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6752
Surrogate Recovery:						
Decachlorobiphenyl	95	%				99-049-6752
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Phenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2-Chlorophenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
1,3-Dichlorobenzene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
1,4-Dichlorobenzene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
1,2-Dichlorobenzene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Bis(2-chloroisopropylether)	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2-Methylphenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Hexachloroethane	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
N-Nitrosodi-N-propylamine	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
3-Methylphenol/4-Methylphenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Nitrobenzene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Isophorone	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2-Nitrophenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2,4-Dimethylphenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Bis(2-chloroethoxymethane)	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2,4-Dichlorophenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
1,2,4-Trichlorobenzene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Naphthalene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
4-Chloroaniline	U	ug/kg	5500	11-MAY-99	EPA 8270	98-051-8163
Hexachlorobutadiene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
4-Chloro-3-methylphenol	U	ug/kg	5500	11-MAY-99	EPA 8270	98-051-8163
2-Methylnaphthalene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Hexachlorocyclopentadiene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2,4,6-Trichlorophenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2,4,5-Trichlorophenol	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2-Chloronaphthalene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID : L33677-12

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-5 (1-4.5')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	11000	11-MAY-99	EPA 8270	98-051-8163
Dimethyl phthalate	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Acenaphthylene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2,6-Dinitrotoluene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
3-Nitroaniline	U	ug/kg	11000	11-MAY-99	EPA 8270	98-051-8163
Acenaphthene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2,4-Dinitrophenol	U	ug/kg	11000	11-MAY-99	EPA 8270	98-051-8163
Dibenzofuran	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
2,4-Dinitrotoluene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
4-Nitrophenol	U	ug/kg	11000	11-MAY-99	EPA 8270	98-051-8163
Diethyl phthalate	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Fluorene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
4-Chlorophenylphenylether	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
4-Nitroaniline	U	ug/kg	11000	11-MAY-99	EPA 8270	98-051-8163
2-Methyl-4,6-dinitrophenol	U	ug/kg	11000	11-MAY-99	EPA 8270	98-051-8163
N-Nitrosodiphenylamine	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
4-Bromophenylphenylether	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Hexachlorobenzene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Pentachlorophenol	U	ug/kg	11000	11-MAY-99	EPA 8270	98-051-8163
Phenanthrene	17000	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Anthracene	4200	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Carbazole	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Di-n-butyl phthalate	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Fluoranthene	15000	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Pyrene	16000	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Butylbenzyl phthalate	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Benzo(a)anthracene	7200	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
3,3-Dichlorobenzidine	U	ug/kg	5500	11-MAY-99	EPA 8270	98-051-8163
Chrysene	6800	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Bis-2-ethylhexyl phthalate	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Di-n-octyl phthalate	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Benzo(b)fluoranthene	7900	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Benzo(k)fluoranthene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Benzo(a)pyrene	6500	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Indeno(1,2,3-cd)pyrene	4300	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Dibenzo(a,h)anthracene	U	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Benzo(g,h,i)perylene	4500	ug/kg	2700	11-MAY-99	EPA 8270	98-051-8163
Extraction Information:				30-APR-99		98-174-99

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID L33677-12

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-5 (1-4.5')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
Terphenyl-d14	118	%				98-051-8163
2-Fluorophenol	62	%				98-051-8163
Phenol-d5	78	%				98-051-8163
2,4,6-Tribromophenol	86	%				98-051-8163
Nitrobenzene-d5	92	%				98-051-8163
2-Fluorobiphenyl	99	%				98-051-8163

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-5

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-3 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Chrysene	3700		ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Bis-2-ethylhexyl phthalate	U		ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Di-n-octyl phthalate	U,J		ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Benzo(b)fluoranthene	5400	J	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Benzo(k)fluoranthene	1600	J	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Benzo(a)pyrene	3600	J	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Indeno(1,2,3-cd)pyrene	1500	J	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Dibenzo(a,h)anthracene	U,J		ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Benzo(g,h,i)perylene	1300	J	ug/kg	540	10-MAY-99	EPA 8270	98-051-8156
Extraction Information:					30-APR-99		98-174-99
Surrogate Recovery:							
Terphenyl-d14	144	D	%				98-051-8156
2-Fluorophenol	103		%				98-051-8156
Phenol-d5	114	D	%				98-051-8156
2,4,6-Tribromophenol	120		%				98-051-8156
Nitrobenzene-d5	115	D	%				98-051-8156
2-Fluorobiphenyl	119	D	%				98-051-8156

Analysis Comment: Dry weight basis. J-Estimated. Internal std. out low. D-Diluted.

QP NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-6

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-3 (1-5.5')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:45 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.523	12-MAY-99	EPA 335.3	99-003-24
Total Solids	81.66	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	9130	mg/kg	9.27	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	6.18	04-MAY-99	EPA 6010	99-081-10
Arsenic	4	mg/kg	1.50	05-MAY-99	EPA 7060	98-146-38
Barium	57.6	mg/kg	1.98	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.77	mg/kg	0.247	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.6180	04-MAY-99	EPA 6010	99-081-10
Calcium	45100	mg/kg	61.7	04-MAY-99	EPA 6010	99-081-10
Chromium	14.7	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10
Cobalt	9.88	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10
Copper	22.5	mg/kg	2.10	04-MAY-99	EPA 6010	99-081-10
Iron	19100	mg/kg	4.94	04-MAY-99	EPA 6010	99-081-10
Lead	58.1	mg/kg	5.44	04-MAY-99	EPA 6010	99-081-10
Magnesium	7590	mg/kg	61.7	04-MAY-99	EPA 6010	99-081-10
Manganese	483	mg/kg	0.618	04-MAY-99	EPA 6010	99-081-10
Mercury	0.042	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	29.3	mg/kg	1.48	04-MAY-99	EPA 6010	99-081-10
Potassium	1230	mg/kg	61.7	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.600	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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ug/L = micrograms per liter (equivalent to parts per billion)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-6

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-3 (1-5.5')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:45 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	436	mg/kg	24.7	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	8.03	04-MAY-99	EPA 6010	99-081-10
Vanadium	16.1	mg/kg	1.24	04-MAY-99	EPA 6010	99-081-10
Zinc	95.2	mg/kg	2.47	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Chloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Vinyl chloride	U	ug/kg	2	29-APR-99	EPA 8260	99-034-6642
Bromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Chloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Trichlorofluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Acrolein	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6642
1,1-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Acetone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6642
Carbon disulfide	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Methylene Chloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Acrylonitrile	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6642
trans-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,1-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
cis-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Methyl ethyl ketone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6642
Chloroform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,1,1-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Carbon tetrachloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Benzene	U	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6642
1,2-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Trichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,2-Dichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Dibromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Bromodichloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
2-Chloroethylvinylether	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
cis-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Methyl isobutyl ketone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6642
Toluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
trans-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,1,2-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Tetrachloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-6

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-3 (1-5.5')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 10:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Hexanone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6642
Dibromochloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,2-Dibromoethane (EDB)	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Chlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,1,1,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Ethylbenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
p-Xylene/m-xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
o-Xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Styrene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Bromoform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Bromobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,1,2,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,2,3-Trichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
2-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
4-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,3-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,4-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,2-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
1,2-Dibromo-3-chloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6642
Surrogate Recovery:						
Dibromofluoromethane	100	%				99-034-6642
Toluene-d8	102	%				99-034-6642
4-Bromofluorobenzene	107	%				99-034-6642
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8081						
alpha-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
beta-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Lindane (gamma-BHC)	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
delta-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Heptachlor	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Aldrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Heptachlor epoxide	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
alpha-Chlordane	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Endosulfan I	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
gamma-Chlordane	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
4,4'-DDE	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Dieldrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-6

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-3 (1-5.5')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:45 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Endrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Endosulfan II	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
4,4'-DDD	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Endrin ketone	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Endrin aldehyde	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Endosulfan sulfate	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
4,4'-DDT	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Methoxychlor	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6748
Toxaphene	U	mg/kg	0.6	06-MAY-99	EPA 8081	99-049-6748
Surrogate Recovery:						
Decachlorobiphenyl	98	%				99-049-6748
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6748
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6748
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6748
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6748
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6748
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6748
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6748
Surrogate Recovery:						
Decachlorobiphenyl	98	%				99-049-6748
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Phenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2-Chlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
1,3-Dichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
1,4-Dichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
1,2-Dichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Bis(2-chloroisopropylether)	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2-Methylphenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Hexachloroethane	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
N-Nitrosodi-N-propylamine	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
3-Methylphenol/4-Methylphenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Nitrobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Isophorone	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2-Nitrophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-6

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-3 (1-5.5')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 10:45 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4-Dimethylphenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Bis(2-chloroethoxymethane)	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2,4-Dichlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
1,2,4-Trichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Naphthalene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
4-Chloroaniline	U	ug/kg	580	10-MAY-99	EPA 8270	98-051-8155
Hexachlorobutadiene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
4-Chloro-3-methylphenol	U	ug/kg	580	10-MAY-99	EPA 8270	98-051-8155
2-Methylnaphthalene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Hexachlorocyclopentadiene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2,4,6-Trichlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2,4,5-Trichlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2-Chloronaphthalene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2-Nitroaniline	U	ug/kg	1200	10-MAY-99	EPA 8270	98-051-8155
Dimethyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Acenaphthylene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2,6-Dinitrotoluene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
3-Nitroaniline	U	ug/kg	1200	10-MAY-99	EPA 8270	98-051-8155
Acenaphthene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2,4-Dinitrophenol	U	ug/kg	1200	10-MAY-99	EPA 8270	98-051-8155
Dibenzofuran	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
2,4-Dinitrotoluene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
4-Nitrophenol	U	ug/kg	1200	10-MAY-99	EPA 8270	98-051-8155
Diethyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Fluorene	390	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
4-Chlorophenylphenylether	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
4-Nitroaniline	U	ug/kg	1200	10-MAY-99	EPA 8270	98-051-8155
2-Methyl-4,6-dinitrophenol	U	ug/kg	1200	10-MAY-99	EPA 8270	98-051-8155
N-Nitrosodiphenylamine	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
4-Bromophenylphenylether	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Hexachlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Pentachlorophenol	U	ug/kg	1200	10-MAY-99	EPA 8270	98-051-8155
Phenanthrene	2400	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Anthracene	640	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Carbazole	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Di-n-butyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Fluoranthene	3600	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Pyrene	3800	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Butylbenzyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Benzo(a)anthracene	2500	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
3,3-Dichlorobenzidine	U	ug/kg	580	10-MAY-99	EPA 8270	98-051-8155
Chrysene	2100	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-6

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-3 (1-5.5')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 10:45 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bis-2-ethylhexyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Di-n-octyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Benzo(b)fluoranthene	3500	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Benzo(k)fluoranthene	1000	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Benzo(a)pyrene	2300	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Indeno(1,2,3-cd)pyrene	1100	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Dibenzo(a,h)anthracene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Benzo(g,h,i)perylene	990	ug/kg	290	10-MAY-99	EPA 8270	98-051-8155
Extraction Information:				30-APR-99		98-174-99
Surrogate Recovery:						
Terphenyl-d14	93	%				98-051-8155
2-Fluorophenol	77	%				98-051-8155
Phenol-d5	81	%				98-051-8155
2,4,6-Tribromophenol	82	%				98-051-8155
Nitrobenzene-d5	84	%				98-051-8155
2-Fluorobiphenyl	85	%				98-051-8155

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-7

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-4 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 11:10 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.56	12-MAY-99	EPA 335.3	99-003-24
Total Solids	88.57	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	4290	mg/kg	7.98	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	5.32	04-MAY-99	EPA 6010	99-081-10
Arsenic	2.1	mg/kg	1.30	05-MAY-99	EPA 7060	98-146-38
Barium	30.3	mg/kg	1.70	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.353	mg/kg	0.213	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.5320	04-MAY-99	EPA 6010	99-081-10
Calcium	64700	mg/kg	530	10-MAY-99	EPA 6010	99-081-12
Chromium	5.61	mg/kg	1.06	04-MAY-99	EPA 6010	99-081-10
Cobalt	3.84	mg/kg	1.06	04-MAY-99	EPA 6010	99-081-10
Copper	12.9	mg/kg	1.81	04-MAY-99	EPA 6010	99-081-10
Iron	8370	mg/kg	4.26	04-MAY-99	EPA 6010	99-081-10
Lead	21.8	mg/kg	4.68	04-MAY-99	EPA 6010	99-081-10
Magnesium	23100	mg/kg	53.2	04-MAY-99	EPA 6010	99-081-10
Manganese	300	mg/kg	0.532	04-MAY-99	EPA 6010	99-081-10
Mercury	0.045	mg/kg	0.0110	05-MAY-99	EPA 7470	98-126-19
Nickel	8.78	mg/kg	1.28	04-MAY-99	EPA 6010	99-081-10
Potassium	795	mg/kg	53.2	04-MAY-99	EPA 6010	99-081-10
Selenium	U W	mg/kg	0.530	08-MAY-99	EPA 7740	96-079-83
Analysis Comment: W-Post spike recovery is out. Sample result is less than half post spike level.						
Silver	U	mg/kg	1.06	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-7

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-4 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 11:10 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	137	mg/kg	21.2	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	6.92	04-MAY-99	EPA 6010	99-081-10
Vanadium	11.1	mg/kg	1.06	04-MAY-99	EPA 6010	99-081-10
Zinc	78.5	mg/kg	2.13	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Chloromethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Vinyl chloride	U	ug/kg	2	29-APR-99	EPA 8260	99-034-6643
Bromomethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Chloroethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Trichlorofluoromethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Acrolein	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6643
1,1-Dichloroethene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Acetone	U	ug/kg	27	29-APR-99	EPA 8260	99-034-6643
Carbon disulfide	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Methylene Chloride	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Acrylonitrile	U	ug/kg	22	29-APR-99	EPA 8260	99-034-6643
trans-1,2-Dichloroethene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,1-Dichloroethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
cis-1,2-Dichloroethene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Methyl ethyl ketone	U	ug/kg	27	29-APR-99	EPA 8260	99-034-6643
Chloroform	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,1,1-Trichloroethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Carbon tetrachloride	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Benzene	U	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6643
1,2-Dichloroethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Trichloroethene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,2-Dichloropropane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Dibromomethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Bromodichloromethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
2-Chloroethylvinylether	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
cis-1,3-Dichloropropene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Methyl isobutyl ketone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6643
Toluene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
trans-1,3-Dichloropropene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,1,2-Trichloroethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-7

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-4 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 11:10 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Tetrachloroethene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
2-Hexanone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6643
Dibromochloromethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,2-Dibromoethane (EDB)	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Chlorobenzene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,1,1,2-Tetrachloroethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Ethylbenzene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
p-Xylene/m-xylene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
o-Xylene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Styrene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Bromoform	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Bromobenzene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,1,2,2-Tetrachloroethane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,2,3-Trichloropropane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
2-Chlorotoluene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
4-Chlorotoluene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,3-Dichlorobenzene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,4-Dichlorobenzene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,2-Dichlorobenzene	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
1,2-Dibromo-3-chloropropane	U	ug/kg	5	29-APR-99	EPA 8260	99-034-6643
Surrogate Recovery:						
Dibromofluoromethane	105	%				99-034-6643
Toluene-d8	98	%				99-034-6643
4-Bromofluorobenzene	102	%				99-034-6643
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8081						
alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749

QC

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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DESCRIPTION	GRAB
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DATE RECEIVED	28-APR-99 08:45
P.O NO.	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6749
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6749
Surrogate Recovery:						
Decachlorobiphenyl	113	%				99-049-6749
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6749
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6749
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6749
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6749
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6749
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6749
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6749
Surrogate Recovery:						
Decachlorobiphenyl	113	%				99-049-6749
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Phenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2-Chlorophenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
1,3-Dichlorobenzene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
1,4-Dichlorobenzene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
1,2-Dichlorobenzene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Bis(2-chloroisopropylether)	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2-Methylphenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Hexachloroethane	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
N-Nitrosodi-N-propylamine	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
3-Methylphenol/4-Methylphenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Nitrobenzene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Isophorone	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153

QC

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-7

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-4 (0-1')
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DATE RECEIVED :	26-APR-99 11:10 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitrophenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2,4-Dimethylphenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Bis(2-chloroethoxymethane)	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2,4-Dichlorophenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
1,2,4-Trichlorobenzene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Naphthalene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
4-Chloroaniline	U	ug/kg	480	10-MAY-99	EPA 8270	98-051-8153
Hexachlorobutadiene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
4-Chloro-3-methylphenol	U	ug/kg	480	10-MAY-99	EPA 8270	98-051-8153
2-Methylnaphthalene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Hexachlorocyclopentadiene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2,4,6-Trichlorophenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2,4,5-Trichlorophenol	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2-Chloronaphthalene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2-Nitroaniline	U	ug/kg	960	10-MAY-99	EPA 8270	98-051-8153
Dimethyl phthalate	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Acenaphthylene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2,6-Dinitrotoluene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
3-Nitroaniline	U	ug/kg	960	10-MAY-99	EPA 8270	98-051-8153
Acenaphthene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2,4-Dinitrophenol	U	ug/kg	960	10-MAY-99	EPA 8270	98-051-8153
Dibenzofuran	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
2,4-Dinitrotoluene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
4-Nitrophenol	U	ug/kg	960	10-MAY-99	EPA 8270	98-051-8153
Diethyl phthalate	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Fluorene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
4-Chlorophenylphenylether	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
4-Nitroaniline	U	ug/kg	960	10-MAY-99	EPA 8270	98-051-8153
2-Methyl-4,6-dinitrophenol	U	ug/kg	960	10-MAY-99	EPA 8270	98-051-8153
N-Nitrosodiphenylamine	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
4-Bromophenylphenylether	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Hexachlorobenzene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Pentachlorophenol	U	ug/kg	960	10-MAY-99	EPA 8270	98-051-8153
Phenanthrene	260	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Anthracene	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Carbazole	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Di-n-butyl phthalate	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Fluoranthene	650	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Pyrene	840	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Butylbenzyl phthalate	U	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Benzo(a)anthracene	540	ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
3,3-Dichlorobenzidine	U	ug/kg	480	10-MAY-99	EPA 8270	98-051-8153

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DATE : 18-MAY-1999

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SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-4 (0-1')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 11:10 by CLIENT
P.O. NO :	28-APR-99 08:45
	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Chrysene	520		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Bis-2-ethylhexyl phthalate	U		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Di-n-octyl phthalate	U		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Benzo(b)fluoranthene	630		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Benzo(k)fluoranthene	U		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Benzo(a)pyrene	450		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Indeno(1,2,3-cd)pyrene	U		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Dibenzo(a,h)anthracene	U		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Benzo(g,h,i)perylene	U		ug/kg	240	10-MAY-99	EPA 8270	98-051-8153
Extraction Information:					30-APR-99		98-174-99
Surrogate Recovery:							
Terphenyl-d14	133		%				98-051-8153
2-Fluorophenol	104		%				98-051-8153
Phenol-d5	112	*	%				98-051-8153
2,4,6-Tribromophenol	122		%				98-051-8153
Nitrobenzene-d5	115	*	%				98-051-8153
2-Fluorobiphenyl	120	*	%				98-051-8153

Analysis Comment: Dry weight basis. *Recovery value is outside of control limits.

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-13

Benchmark Environmental Engineering
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Key Tower, Suite 1350
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SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-6 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 13:30 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.593	05-MAY-99	EPA 335.3	99-003-23
Total Solids	86.12	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	6900	mg/kg	9.06	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	6.04	04-MAY-99	EPA 6010	99-081-10
Arsenic	6.8	mg/kg	2.60	04-MAY-99	EPA 7060	98-146-37
Barium	61.1	mg/kg	1.93	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.595	mg/kg	0.242	04-MAY-99	EPA 6010	99-081-10
Cadmium	0.678	mg/kg	0.6040	04-MAY-99	EPA 6010	99-081-10
Calcium	56500	mg/kg	60.4	04-MAY-99	EPA 6010	99-081-10
Chromium	12	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10
Cobalt	5.16	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10
Copper	20.6	mg/kg	2.05	04-MAY-99	EPA 6010	99-081-10
Iron	13700	mg/kg	4.83	04-MAY-99	EPA 6010	99-081-10
Lead	132	mg/kg	5.32	04-MAY-99	EPA 6010	99-081-10
Magnesium	11100	mg/kg	60.4	04-MAY-99	EPA 6010	99-081-10
Manganese	369	mg/kg	0.604	04-MAY-99	EPA 6010	99-081-10
Mercury	0.11	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	13.5	mg/kg	1.45	04-MAY-99	EPA 6010	99-081-10
Potassium	939	mg/kg	60.4	04-MAY-99	EPA 6010	99-081-10
Selenium	U W	mg/kg	0.540	08-MAY-99	EPA 7740	96-079-83
Analysis Comment: W-Post spike recovery is out. Sample result is less than half post spike level.						
Silver	U	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-13

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-6 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	237	mg/kg	24.1	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.85	04-MAY-99	EPA 6010	99-081-10
Vanadium	16.1	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10
Zinc	102	mg/kg	2.42	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Chloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Vinyl chloride	U	ug/kg	2	29-APR-99	EPA 8260	99-034-6648
Bromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Chloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Trichlorofluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Acrolein	U	ug/kg	23	29-APR-99	EPA 8260	99-034-6648
1,1-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Acetone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6648
Carbon disulfide	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Methylene Chloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Acrylonitrile	U	ug/kg	23	29-APR-99	EPA 8260	99-034-6648
trans-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,1-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
cis-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Methyl ethyl ketone	U	ug/kg	28	29-APR-99	EPA 8260	99-034-6648
Chloroform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,1,1-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Carbon tetrachloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Benzene	U	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6648
1,2-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Trichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,2-Dichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Dibromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Bromodichloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
2-Chloroethylvinylether	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
cis-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Methyl isobutyl ketone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6648
Toluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
trans-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,1,2-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-13

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-6 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 13:30 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Tetrachloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
2-Hexanone	U	ug/kg	11	29-APR-99	EPA 8260	99-034-6648
Dibromochloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,2-Dibromoethane (EDB)	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Chlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,1,1,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Ethylbenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
p-Xylene/m-xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
o-Xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Styrene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Bromoform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Bromobenzene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,1,2,2-Tetrachloroethane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,2,3-Trichloropropane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
2-Chlorotoluene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
4-Chlorotoluene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,3-Dichlorobenzene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,4-Dichlorobenzene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,2-Dichlorobenzene	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
1,2-Dibromo-3-chloropropane	U,J	ug/kg	6	29-APR-99	EPA 8260	99-034-6648
Surrogate Recovery:						
Dibromofluoromethane	111	%				99-034-6648
Toluene-d8	103	%				99-034-6648
4-Bromofluorobenzene	114	%				99-034-6648
Analysis Comment: Dry weight basis. J-Estimated. Internal standard out low.						
EPA 8081						
alpha-BHC	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
beta-BHC	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Lindane (gamma-BHC)	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
delta-BHC	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Heptachlor	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Aldrin	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Heptachlor epoxide	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
alpha-Chlordane	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Endosulfan I	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
gamma-Chlordane	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
4,4'-DDE	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID : L33677-13

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-6 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Dieldrin	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Endrin	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Endosulfan II	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
4,4'-DDD	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Endrin ketone	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Endrin aldehyde	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Endosulfan sulfate	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
4,4'-DDT	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Methoxychlor	U	mg/kg	0.04	06-MAY-99	EPA 8081	99-049-6753
Toxaphene	U	mg/kg	0.4	06-MAY-99	EPA 8081	99-049-6753
Surrogate Recovery:						
Decachlorobiphenyl	94	%				99-049-6753
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6753
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6753
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6753
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6753
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6753
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6753
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6753
Surrogate Recovery:						
Decachlorobiphenyl	94	%				99-049-6753
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Phenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2-Chlorophenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
1,3-Dichlorobenzene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
1,4-Dichlorobenzene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
1,2-Dichlorobenzene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Bis(2-chloroisopropylether)	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2-Methylphenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Hexachloroethane	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
N-Nitrosodi-N-propylamine	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
3-Methylphenol/4-Methylphenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Nitrobenzene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Isophorone	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-13

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-6 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 13:30 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitrophenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2,4-Dimethylphenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Bis(2-chloroethoxymethane)	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2,4-Dichlorophenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
1,2,4-Trichlorobenzene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Naphthalene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
4-Chloroaniline	U	ug/kg	2700	10-MAY-99	EPA 8270	98-051-8159
Hexachlorobutadiene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
4-Chloro-3-methylphenol	U	ug/kg	2700	10-MAY-99	EPA 8270	98-051-8159
2-Methylnaphthalene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Hexachlorocyclopentadiene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2,4,6-Trichlorophenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2,4,5-Trichlorophenol	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2-Chloronaphthalene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2-Nitroaniline	U	ug/kg	5400	10-MAY-99	EPA 8270	98-051-8159
Dimethyl phthalate	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Acenaphthylene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2,6-Dinitrotoluene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
3-Nitroaniline	U	ug/kg	5400	10-MAY-99	EPA 8270	98-051-8159
Acenaphthene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2,4-Dinitrophenol	U	ug/kg	5400	10-MAY-99	EPA 8270	98-051-8159
Dibenzofuran	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
2,4-Dinitrotoluene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
4-Nitrophenol	U	ug/kg	5400	10-MAY-99	EPA 8270	98-051-8159
Diethyl phthalate	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Fluorene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
4-Chlorophenylphenylether	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
4-Nitroaniline	U	ug/kg	5400	10-MAY-99	EPA 8270	98-051-8159
2-Methyl-4,6-dinitrophenol	U	ug/kg	5400	10-MAY-99	EPA 8270	98-051-8159
N-Nitrosodiphenylamine	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
4-Bromophenylphenylether	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Hexachlorobenzene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Pentachlorophenol	U	ug/kg	5400	10-MAY-99	EPA 8270	98-051-8159
Phenanthrene	2000	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Anthracene	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Carbazole	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Di-n-butyl phthalate	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Fluoranthene	2200	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Pyrene	2800	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Butylbenzyl phthalate	U	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Benzo(a)anthracene	1400	ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
3,3-Dichlorobenzidine	U	ug/kg	2700	10-MAY-99	EPA 8270	98-051-8159

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-13

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-6 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Chrysene	1400		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Bis-2-ethylhexyl phthalate	U		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Di-n-octyl phthalate	U,J		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Benzo(b)fluoranthene	2300 J		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Benzo(k)fluoranthene	U,J		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Benzo(a)pyrene	1400 J		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Indeno(1,2,3-cd)pyrene	U,J		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Dibenzo(a,h)anthracene	U,J		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Benzo(g,h,i)perylene	U,J		ug/kg	1300	10-MAY-99	EPA 8270	98-051-8159
Extraction Information:					30-APR-99		98-174-99
Surrogate Recovery:							
Terphenyl-d14	156	D	%				98-051-8159
2-Fluorophenol	114	D	%				98-051-8159
Phenol-d5	131	D	%				98-051-8159
2,4,6-Tribromophenol	118		%				98-051-8159
Nitrobenzene-d5	123	D	%				98-051-8159
2-Fluorobiphenyl	123	D	%				98-051-8159

Analysis Comment: Dry weight basis. J-Estimated. Internal std. out low. D-Diluted.

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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ug/L = micrograms per liter (equivalent to parts per billion)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-14

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-6 @7'
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 13:45 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.46	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Chloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6668
Bromomethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Chloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Trichlorofluoromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Acrolein	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6668
1,1-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Acetone	U	ug/kg	27	30-APR-99	EPA 8260	99-034-6668
Carbon disulfide	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Methylene Chloride	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Acrylonitrile	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6668
trans-1,2-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,1-Dichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
cis-1,2-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Methyl ethyl ketone	U	ug/kg	27	30-APR-99	EPA 8260	99-034-6668
Chloroform	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,1,1-Trichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Carbon tetrachloride	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6668
1,2-Dichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Trichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,2-Dichloropropane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Dibromomethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Bromodichloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
2-Chloroethylvinylether	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
cis-1,3-Dichloropropene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Methyl isobutyl ketone	U,J	ug/kg	11	30-APR-99	EPA 8260	99-034-6668
Toluene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
trans-1,3-Dichloropropene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,1,2-Trichloroethane	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Tetrachloroethene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
2-Hexanone	U,J	ug/kg	11	30-APR-99	EPA 8260	99-034-6668
Dibromochloromethane	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,2-Dibromoethane (EDB)	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Chlorobenzene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,1,1,2-Tetrachloroethane	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Ethylbenzene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6668

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID : L33677-14

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-6 @7'
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
o-Xylene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Styrene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Bromoform	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Bromobenzene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,1,2,2-Tetrachloroethane	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,2,3-Trichloropropane	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
2-Chlorotoluene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
4-Chlorotoluene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,3-Dichlorobenzene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,4-Dichlorobenzene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,2-Dichlorobenzene	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
1,2-Dibromo-3-chloropropane	U,J		ug/kg	5	30-APR-99	EPA 8260	99-034-6668
Surrogate Recovery:							
Dibromofluoromethane	112		%				99-034-6668
Toluene-d8	109		%				99-034-6668
4-Bromofluorobenzene	122	*	%				99-034-6668

Analysis Comment: Dry weight basis. J-Estimated. Internal Std. out low. * Outside of limits.

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-15

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-6 (1-7')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 13:45 by CLIENT
P.O. NO	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.191	12-MAY-99	EPA 335.3	99-003-24
Total Solids	87.38	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	5870	mg/kg	8.72	04-MAY-99	EPA 6010	99-081-10
Antimony	5.9	mg/kg	5.81	04-MAY-99	EPA 6010	99-081-10
Arsenic	6	mg/kg	2.60	04-MAY-99	EPA 7060	98-146-37
Barium	107	mg/kg	1.86	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.549	mg/kg	0.232	04-MAY-99	EPA 6010	99-081-10
Cadmium	0.81	mg/kg	0.5810	04-MAY-99	EPA 6010	99-081-10
Calcium	131600	mg/kg	580	04-MAY-99	EPA 6010	99-081-10
Chromium	10.5	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10
Cobalt	4.09	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10
Copper	118	mg/kg	1.98	04-MAY-99	EPA 6010	99-081-10
Iron	12100	mg/kg	4.65	04-MAY-99	EPA 6010	99-081-10
Lead	114	mg/kg	5.11	04-MAY-99	EPA 6010	99-081-10
Magnesium	15800	mg/kg	58.1	04-MAY-99	EPA 6010	99-081-10
Manganese	379	mg/kg	0.581	04-MAY-99	EPA 6010	99-081-10
Mercury	0.11	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	13.7	mg/kg	1.39	04-MAY-99	EPA 6010	99-081-10
Potassium	990	mg/kg	58.1	04-MAY-99	EPA 6010	99-081-10
Selenium	U W	mg/kg	0.530	08-MAY-99	EPA 7740	96-079-83
Analysis Comment: W-Post spike recovery is out. Sample result is less than half post spike level.						
Silver	U	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
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J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-15

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-6 (1-7')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 13:45 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	213	mg/kg	23.2	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.55	04-MAY-99	EPA 6010	99-081-10
Vanadium	15.5	mg/kg	1.16	04-MAY-99	EPA 6010	99-081-10
Zinc	257	mg/kg	2.32	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
beta-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Lindane (gamma-BHC)	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
delta-BHC	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Heptachlor	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Aldrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Heptachlor epoxide	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
alpha-Chlordane	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Endosulfan I	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
gamma-Chlordane	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
4,4'-DDE	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Dieldrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Endrin	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Endosulfan II	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
4,4'-DDD	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Endrin ketone	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Endrin aldehyde	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Endosulfan sulfate	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
4,4'-DDT	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Methoxychlor	U	mg/kg	0.06	06-MAY-99	EPA 8081	99-049-6754
Toxaphene	U	mg/kg	0.6	06-MAY-99	EPA 8081	99-049-6754
Surrogate Recovery:						
Decachlorobiphenyl	99	%				99-049-6754

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-15

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-6 (1-7')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6754
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6754
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6754
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6754
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6754
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6754
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6754
Surrogate Recovery: Decachlorobiphenyl	99	%				99-049-6754
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Phenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2-Chlorophenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
1,3-Dichlorobenzene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
1,4-Dichlorobenzene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
1,2-Dichlorobenzene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Bis(2-chloroisopropylether)	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2-Methylphenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Hexachloroethane	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
N-Nitrosodi-N-propylamine	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
3-Methylphenol/4-Methylphenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Nitrobenzene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Isophorone	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2-Nitrophenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2,4-Dimethylphenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Bis(2-chloroethoxymethane)	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2,4-Dichlorophenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
1,2,4-Trichlorobenzene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Naphthalene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
4-Chloroaniline	U	ug/kg	5300	12-MAY-99	EPA 8270	97-186-11895
Hexachlorobutadiene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
4-Chloro-3-methylphenol	U	ug/kg	5300	12-MAY-99	EPA 8270	97-186-11895
2-Methylnaphthalene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Hexachlorocyclopentadiene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2,4,6-Trichlorophenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2,4,5-Trichlorophenol	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2-Chloronaphthalene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-15

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-6 (1-7')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11895
Dimethyl phthalate	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Acenaphthylene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2,6-Dinitrotoluene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
3-Nitroaniline	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11895
Acenaphthene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2,4-Dinitrophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11895
Dibenzofuran	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
2,4-Dinitrotoluene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
4-Nitrophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11895
Diethyl phthalate	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Fluorene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
4-Chlorophenylphenylether	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
4-Nitroaniline	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11895
2-Methyl-4,6-dinitrophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11895
N-Nitrosodiphenylamine	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
4-Bromophenylphenylether	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Hexachlorobenzene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Pentachlorophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11895
Phenanthrene	15000	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Anthracene	4200	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Carbazole	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Di-n-butyl phthalate	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Fluoranthene	21000	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Pyrene	17000	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Butylbenzyl phthalate	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Benzo(a)anthracene	8500	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
3,3-Dichlorobenzidine	U	ug/kg	5300	12-MAY-99	EPA 8270	97-186-11895
Chrysene	8200	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Bis-2-ethylhexyl phthalate	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Di-n-octyl phthalate	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Benzo(b)fluoranthene	12000	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Benzo(k)fluoranthene	3900	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Benzo(a)pyrene	8100	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Indeno(1,2,3-cd)pyrene	3600	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Dibenzo(a,h)anthracene	U	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Benzo(g,h,i)perylene	3200	ug/kg	2600	12-MAY-99	EPA 8270	97-186-11895
Extraction Information:				30-APR-99		98-174-99

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-15

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-6 (1-7')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 13:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
Terphenyl-d14	73	%				97-186-11895
2-Fluorophenol	29	%				97-186-11895
Phenol-d5	46	%				97-186-11895
2,4,6-Tribromophenol	52	%				97-186-11895
Nitrobenzene-d5	67	%				97-186-11895
2-Fluorobiphenyl	74	%				97-186-11895

Analysis Comment: Results Calculated on a dry weight basis.

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-16

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-7 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 14:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.18	12-MAY-99	EPA 335.3	99-003-24
Total Solids	87.65	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	9200	mg/kg	8.59	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	5.72	04-MAY-99	EPA 6010	99-081-10
Arsenic	4.2	mg/kg	1.40	04-MAY-99	EPA 7060	98-146-37
Barium	66.5	mg/kg	1.83	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.64	mg/kg	0.229	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.5720	04-MAY-99	EPA 6010	99-081-10
Calcium	53200	mg/kg	57.2	04-MAY-99	EPA 6010	99-081-10
Chromium	12.7	mg/kg	1.15	04-MAY-99	EPA 6010	99-081-10
Cobalt	7.47	mg/kg	1.15	04-MAY-99	EPA 6010	99-081-10
Copper	36.8	mg/kg	1.95	04-MAY-99	EPA 6010	99-081-10
Iron	15300	mg/kg	4.58	04-MAY-99	EPA 6010	99-081-10
Lead	64.5	mg/kg	5.04	04-MAY-99	EPA 6010	99-081-10
Magnesium	14200	mg/kg	57.2	04-MAY-99	EPA 6010	99-081-10
Manganese	486	mg/kg	0.572	04-MAY-99	EPA 6010	99-081-10
Mercury	0.079	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	16.6	mg/kg	1.37	04-MAY-99	EPA 6010	99-081-10
Potassium	1280	mg/kg	57.2	04-MAY-99	EPA 6010	99-081-10
Selenium	U W	mg/kg	0.550	08-MAY-99	EPA 7740	96-079-83
Analysis Comment: W-Post spike recovery is out. Sample is less than half post spike level.						
Silver	U	mg/kg	1.15	04-MAY-99	EPA 6010	99-081-10

QC

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DATE 18-MAY-1999

LAB SAMPLE ID : L33677-16

Benchmark Environmental Engineering
Rick Dubisz
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50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-7 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 14:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	436	mg/kg	22.8	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.44	04-MAY-99	EPA 6010	99-081-10
Vanadium	21	mg/kg	1.15	04-MAY-99	EPA 6010	99-081-10
Zinc	92.3	mg/kg	2.29	04-MAY-99	EPA 6010	99-081-10
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Chloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6669
Bromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Chloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Trichlorofluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Acrolein	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6669
1,1-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Acetone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6669
Carbon disulfide	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Methylene Chloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Acrylonitrile	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6669
trans-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,1-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
cis-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Methyl ethyl ketone	U	ug/kg	28	30-APR-99	EPA 8260	99-034-6669
Chloroform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,1,1-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Carbon tetrachloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6669
1,2-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Trichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,2-Dichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Dibromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Bromodichloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
2-Chloroethylvinylether	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
cis-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Methyl isobutyl ketone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6669
Toluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
trans-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,1,2-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669

QC

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DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 14:00 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Tetrachloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
2-Hexanone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6669
Dibromochloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,2-Dibromoethane (EDB)	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Chlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,1,1,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Ethylbenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
p-Xylene/m-xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
o-Xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Styrene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Bromoform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Bromobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,1,2,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,2,3-Trichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
2-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
4-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,3-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,4-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,2-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
1,2-Dibromo-3-chloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6669
Surrogate Recovery:						
Dibromofluoromethane	112	%				99-034-6669
Toluene-d8	98	%				99-034-6669
4-Bromofluorobenzene	117	%				99-034-6669
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8081						
alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755

QC

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-16

Benchmark Environmental Engineering
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Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-7 (0-1')
SAMPLED ON :	GRAB
DATE RECEIVED :	26-APR-99 14:00 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6755
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6755
Surrogate Recovery:						
Decachlorobiphenyl	95	%				99-049-6755
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6755
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6755
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6755
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6755
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6755
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6755
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6755
Surrogate Recovery:						
Decachlorobiphenyl	95	%				99-049-6755
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Phenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2-Chlorophenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
1,3-Dichlorobenzene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
1,4-Dichlorobenzene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
1,2-Dichlorobenzene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Bis(2-chloroisopropylether)	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2-Methylphenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Hexachloroethane	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
N-Nitrosodi-N-propylamine	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
3-Methylphenol/4-Methylphenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Nitrobenzene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Isophorone	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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DESCRIPTION	TP-7 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 14:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitrophenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2,4-Dimethylphenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Bis(2-chloroethoxymethane)	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2,4-Dichlorophenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
1,2,4-Trichlorobenzene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Naphthalene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
4-Chloroaniline	U	ug/kg	540	12-MAY-99	EPA 8270	97-186-11896
Hexachlorobutadiene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
4-Chloro-3-methylphenol	U	ug/kg	540	12-MAY-99	EPA 8270	97-186-11896
2-Methylnaphthalene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Hexachlorocyclopentadiene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2,4,6-Trichlorophenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2,4,5-Trichlorophenol	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2-Chloronaphthalene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2-Nitroaniline	U	ug/kg	1100	12-MAY-99	EPA 8270	97-186-11896
Dimethyl phthalate	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Acenaphthylene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2,6-Dinitrotoluene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
3-Nitroaniline	U	ug/kg	1100	12-MAY-99	EPA 8270	97-186-11896
Acenaphthene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2,4-Dinitrophenol	U	ug/kg	1100	12-MAY-99	EPA 8270	97-186-11896
Dibenzofuran	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
2,4-Dinitrotoluene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
4-Nitrophenol	U	ug/kg	1100	12-MAY-99	EPA 8270	97-186-11896
Diethyl phthalate	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Fluorene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
4-Chlorophenylphenylether	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
4-Nitroaniline	U	ug/kg	1100	12-MAY-99	EPA 8270	97-186-11896
2-Methyl-4,6-dinitrophenol	U	ug/kg	1100	12-MAY-99	EPA 8270	97-186-11896
N-Nitrosodiphenylamine	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
4-Bromophenylphenylether	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Hexachlorobenzene	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Pentachlorophenol	U	ug/kg	1100	12-MAY-99	EPA 8270	97-186-11896
Phenanthrene	1300	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Anthracene	320	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Carbazole	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Di-n-butyl phthalate	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Fluoranthene	1600	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Pyrene	2200	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Butylbenzyl phthalate	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Benzo(a)anthracene	780	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
3,3-Dichlorobenzidine	U	ug/kg	540	12-MAY-99	EPA 8270	97-186-11896

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

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SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-7 (0-1')
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 14:00 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Chrysene	790	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Bis-2-ethylhexyl phthalate	U	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Di-n-octyl phthalate	U,J	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Benzo(b)fluoranthene	1300 J	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Benzo(k)fluoranthene	460 J	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Benzo(a)pyrene	850 J	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Indeno(1,2,3-cd)pyrene	440 J	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Dibenzo(a,h)anthracene	U,J	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Benzo(g,h,i)perylene	440 J	ug/kg	270	12-MAY-99	EPA 8270	97-186-11896
Extraction Information:				30-APR-99		98-174-99
Surrogate Recovery:						
Terphenyl-d14	153 *	%				97-186-11896
2-Fluorophenol	82	%				97-186-11896
Phenol-d5	87	%				97-186-11896
2,4,6-Tribromophenol	95	%				97-186-11896
Nitrobenzene-d5	93	%				97-186-11896
2-Fluorobiphenyl	89	%				97-186-11896

Analysis Comment: Dry weight basis.J-Estimated. Internal std. out low. * Outside of control limits

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-17

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-7 @6'
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 14:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.69	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Chloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6670
Bromomethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Chloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Trichlorofluoromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Acrolein	U	ug/kg	21	30-APR-99	EPA 8260	99-034-6670
1,1-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Acetone	U	ug/kg	26	30-APR-99	EPA 8260	99-034-6670
Carbon disulfide	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Methylene Chloride	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Acrylonitrile	U	ug/kg	21	30-APR-99	EPA 8260	99-034-6670
trans-1,2-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,1-Dichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
cis-1,2-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Methyl ethyl ketone	U	ug/kg	26	30-APR-99	EPA 8260	99-034-6670
Chloroform	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,1,1-Trichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Carbon tetrachloride	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Benzene	U	ug/kg	0.7	30-APR-99	EPA 8260	99-034-6670
1,2-Dichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Trichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,2-Dichloropropane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Dibromomethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Bromodichloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
2-Chloroethylvinylether	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
cis-1,3-Dichloropropene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Methyl isobutyl ketone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6670
Toluene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
trans-1,3-Dichloropropene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,1,2-Trichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Tetrachloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
2-Hexanone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6670
Dibromochloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,2-Dibromoethane (EDB)	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Chlorobenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,1,1,2-Tetrachloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Ethylbenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-17

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-7 @6'
SAMPLED ON	GRAB
DATE RECEIVED	26-APR-99 14:15 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
o-Xylene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Styrene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Bromoform	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Bromobenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,1,2,2-Tetrachloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,2,3-Trichloropropane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
2-Chlorotoluene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
4-Chlorotoluene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,3-Dichlorobenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,4-Dichlorobenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,2-Dichlorobenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
1,2-Dibromo-3-chloropropane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6670
Surrogate Recovery:						
Dibromofluoromethane	104	%				99-034-6670
Toluene-d8	98	%				99-034-6670
4-Bromofluorobenzene	104	%				99-034-6670

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-18

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-7 (1-6')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.133	12-MAY-99	EPA 335.3	99-003-24
Total Solids	87.79	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	10400	mg/kg	8.93	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	5.95	04-MAY-99	EPA 6010	99-081-10
Arsenic	7.3	mg/kg	3.00	04-MAY-99	EPA 7060	98-146-37
Barium	130	mg/kg	1.91	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.79	mg/kg	0.238	04-MAY-99	EPA 6010	99-081-10
Cadmium	0.666	mg/kg	0.5950	04-MAY-99	EPA 6010	99-081-10
Calcium	52800	mg/kg	59.5	04-MAY-99	EPA 6010	99-081-10
Chromium	20.9	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Cobalt	8.67	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Copper	35.3	mg/kg	2.02	04-MAY-99	EPA 6010	99-081-10
Iron	20400	mg/kg	4.76	04-MAY-99	EPA 6010	99-081-10
Lead	132	mg/kg	5.24	04-MAY-99	EPA 6010	99-081-10
Magnesium	15000	mg/kg	59.5	04-MAY-99	EPA 6010	99-081-10
Manganese	632	mg/kg	0.595	04-MAY-99	EPA 6010	99-081-10
Mercury	0.15	mg/kg	0.0110	05-MAY-99	EPA 7470	98-126-19
Nickel	22.1	mg/kg	1.43	04-MAY-99	EPA 6010	99-081-10
Potassium	1680	mg/kg	59.5	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.590	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-18

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-7 (1-6')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	356	mg/kg	23.8	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.74	04-MAY-99	EPA 6010	99-081-10
Vanadium	24.7	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Zinc	179	mg/kg	2.38	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6756
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6756
Surrogate Recovery:						
Decachlorobiphenyl	76	%				99-049-6756

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID L33677-18

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-7 (1-6')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6756
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6756
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6756
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6756
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6756
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6756
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6756
Surrogate Recovery: Decachlorobiphenyl	76	%				99-049-6756
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Phenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2-Chlorophenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
1,3-Dichlorobenzene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
1,4-Dichlorobenzene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
1,2-Dichlorobenzene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Bis(2-chloroisopropylether)	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2-Methylphenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Hexachloroethane	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
N-Nitrosodi-N-propylamine	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
3-Methylphenol/4-Methylphenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Nitrobenzene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Isophorone	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2-Nitrophenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2,4-Dimethylphenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Bis(2-chloroethoxymethane)	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2,4-Dichlorophenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
1,2,4-Trichlorobenzene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Naphthalene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
4-Chloroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8157
Hexachlorobutadiene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
4-Chloro-3-methylphenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8157
2-Methylnaphthalene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Hexachlorocyclopentadiene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2,4,6-Trichlorophenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2,4,5-Trichlorophenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2-Chloronaphthalene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
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J = result estimated below the quantitation limit

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-18

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-7 (1-6')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	2300	10-MAY-99	EPA 8270	98-051-8157
Dimethyl phthalate	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Acenaphthylene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2,6-Dinitrotoluene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
3-Nitroaniline	U	ug/kg	2300	10-MAY-99	EPA 8270	98-051-8157
Acenaphthene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2,4-Dinitrophenol	U	ug/kg	2300	10-MAY-99	EPA 8270	98-051-8157
Dibenzofuran	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
2,4-Dinitrotoluene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
4-Nitrophenol	U	ug/kg	2300	10-MAY-99	EPA 8270	98-051-8157
Diethyl phthalate	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Fluorene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
4-Chlorophenylphenylether	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
4-Nitroaniline	U	ug/kg	2300	10-MAY-99	EPA 8270	98-051-8157
2-Methyl-4,6-dinitrophenol	U	ug/kg	2300	10-MAY-99	EPA 8270	98-051-8157
N-Nitrosodiphenylamine	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
4-Bromophenylphenylether	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Hexachlorobenzene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Pentachlorophenol	U	ug/kg	2300	10-MAY-99	EPA 8270	98-051-8157
Phenanthrene	1700	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Anthracene	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Carbazole	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Di-n-butyl phthalate	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Fluoranthene	1900	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Pyrene	2300	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Butylbenzyl phthalate	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Benzo(a)anthracene	1100	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
3,3-Dichlorobenzidine	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8157
Chrysene	1100	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Bis-2-ethylhexyl phthalate	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Di-n-octyl phthalate	U,J	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Benzo(b)fluoranthene	1600 J	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Benzo(k)fluoranthene	580 J	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Benzo(a)pyrene	1200 J	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Indeno(1,2,3-cd)pyrene	U,J	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Dibenzo(a,h)anthracene	U,J	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Benzo(g,h,i)perylene	570 J	ug/kg	570	10-MAY-99	EPA 8270	98-051-8157
Extraction Information:				30-APR-99		98-174-99

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-18

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-7 (1-6')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:							
Terphenyl-d14	159	D	%				98-051-8157
2-Fluorophenol	105		%				98-051-8157
Phenol-d5	119	D	%				98-051-8157
2,4,6-Tribromophenol	111		%				98-051-8157
Nitrobenzene-d5	128	D	%				98-051-8157
2-Fluorobiphenyl	126	D	%				98-051-8157

Analysis Comment: Dry weight basis. J-Estimated. Internal std. out low. D-Diluted.

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-19

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-8 (0-1')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 14:30 by CLIENT
P.O. NO	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.165	12-MAY-99	EPA 335.3	99-003-24
Total Solids	83	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	10800	mg/kg	8.92	04-MAY-99	EPA 6010	99-081-10
Antimony	7.28	mg/kg	5.95	04-MAY-99	EPA 6010	99-081-10
Arsenic	30	mg/kg	15.0	04-MAY-99	EPA 7060	98-146-37
Barium	169	mg/kg	1.90	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.818	mg/kg	0.238	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.5950	04-MAY-99	EPA 6010	99-081-10
Calcium	98700	mg/kg	590	10-MAY-99	EPA 6010	99-081-12
Chromium	16.7	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Cobalt	7.57	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Copper	32.6	mg/kg	2.02	04-MAY-99	EPA 6010	99-081-10
Iron	18900	mg/kg	4.76	04-MAY-99	EPA 6010	99-081-10
Lead	280	mg/kg	5.23	04-MAY-99	EPA 6010	99-081-10
Magnesium	11300	mg/kg	59.4	04-MAY-99	EPA 6010	99-081-10
Manganese	352	mg/kg	0.595	04-MAY-99	EPA 6010	99-081-10
Mercury	0.18	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	20.6	mg/kg	1.43	04-MAY-99	EPA 6010	99-081-10
Potassium	1570	mg/kg	59.4	04-MAY-99	EPA 6010	99-081-10
Selenium	U W	mg/kg	0.600	08-MAY-99	EPA 7740	96-079-83
Analysis Comment: W-Post spike recovery is out. Sample is less than half post spike level.						
Silver	U	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
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J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID : L33677-19

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-8 (0-1')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	145	mg/kg	23.7	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.73	04-MAY-99	EPA 6010	99-081-10
Vanadium	25.4	mg/kg	1.19	04-MAY-99	EPA 6010	99-081-10
Zinc	165	mg/kg	2.38	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6757
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6757
Surrogate Recovery:						
Decachlorobiphenyl	111	%				99-049-6757

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID L33677-19

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-8 (0-1')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6757
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6757
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6757
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6757
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6757
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6757
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6757
Surrogate Recovery: Decachlorobiphenyl	111	%				99-049-6757
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Phenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2-Chlorophenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
1,3-Dichlorobenzene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
1,4-Dichlorobenzene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
1,2-Dichlorobenzene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Bis(2-chloroisopropylether)	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2-Methylphenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Hexachloroethane	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
N-Nitrosodi-N-propylamine	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
3-Methylphenol/4-Methylphenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Nitrobenzene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Isophorone	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2-Nitrophenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2,4-Dimethylphenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Bis(2-chloroethoxymethane)	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2,4-Dichlorophenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
1,2,4-Trichlorobenzene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Naphthalene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
4-Chloroaniline	U	ug/kg	1200	12-MAY-99	EPA 8270	97-186-11894
Hexachlorobutadiene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
4-Chloro-3-methylphenol	U	ug/kg	1200	12-MAY-99	EPA 8270	97-186-11894
2-Methylnaphthalene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Hexachlorocyclopentadiene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2,4,6-Trichlorophenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2,4,5-Trichlorophenol	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2-Chloronaphthalene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-19

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-8 (0-1')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 14:30 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	2300	12-MAY-99	EPA 8270	97-186-11894
Dimethyl phthalate	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Acenaphthylene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2,6-Dinitrotoluene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
3-Nitroaniline	U	ug/kg	2300	12-MAY-99	EPA 8270	97-186-11894
Acenaphthene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2,4-Dinitrophenol	U	ug/kg	2300	12-MAY-99	EPA 8270	97-186-11894
Dibenzofuran	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
2,4-Dinitrotoluene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
4-Nitrophenol	U	ug/kg	2300	12-MAY-99	EPA 8270	97-186-11894
Diethyl phthalate	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Fluorene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
4-Chlorophenylphenylether	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
4-Nitroaniline	U	ug/kg	2300	12-MAY-99	EPA 8270	97-186-11894
2-Methyl-4,6-dinitrophenol	U	ug/kg	2300	12-MAY-99	EPA 8270	97-186-11894
N-Nitrosodiphenylamine	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
4-Bromophenylphenylether	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Hexachlorobenzene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Pentachlorophenol	U	ug/kg	2300	12-MAY-99	EPA 8270	97-186-11894
Phenanthrene	2400	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Anthracene	650	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Carbazole	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Di-n-butyl phthalate	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Fluoranthene	4500	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Pyrene	3400	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Butylbenzyl phthalate	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Benzo(a)anthracene	1900	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
3,3-Dichlorobenzidine	U	ug/kg	1200	12-MAY-99	EPA 8270	97-186-11894
Chrysene	1900	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Bis-2-ethylhexyl phthalate	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Di-n-octyl phthalate	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Benzo(b)fluoranthene	2700	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Benzo(k)fluoranthene	970	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Benzo(a)pyrene	1600	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Indeno(1,2,3-cd)pyrene	700	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Dibenzo(a,h)anthracene	U	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Benzo(g,h,i)perylene	600	ug/kg	580	12-MAY-99	EPA 8270	97-186-11894
Extraction Information:				30-APR-99		98-174-99

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-19

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-8 (0-1')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 14:30 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
Terphenyl-d14	86	%				97-186-11894
2-Fluorophenol	56	%				97-186-11894
Phenol-d5	61	%				97-186-11894
2,4,6-Tribromophenol	81	%				97-186-11894
Nitrobenzene-d5	73	%				97-186-11894
2-Fluorobiphenyl	84	%				97-186-11894

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
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J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-20

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-8 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 14:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.69	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Chloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6671
Bromomethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Chloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Trichlorofluoromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Acrolein	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6671
1,1-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Acetone	U	ug/kg	27	30-APR-99	EPA 8260	99-034-6671
Carbon disulfide	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Methylene Chloride	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Acrylonitrile	U	ug/kg	22	30-APR-99	EPA 8260	99-034-6671
trans-1,2-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,1-Dichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
cis-1,2-Dichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Methyl ethyl ketone	U	ug/kg	27	30-APR-99	EPA 8260	99-034-6671
Chloroform	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,1,1-Trichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Carbon tetrachloride	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6671
1,2-Dichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Trichloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,2-Dichloropropane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Dibromomethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Bromodichloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
2-Chloroethylvinylether	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
cis-1,3-Dichloropropene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Methyl isobutyl ketone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6671
Toluene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
trans-1,3-Dichloropropene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,1,2-Trichloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Tetrachloroethene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
2-Hexanone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6671
Dibromochloromethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,2-Dibromoethane (EDB)	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Chlorobenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,1,1,2-Tetrachloroethane	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Ethylbenzene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-20

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-8 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 14:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
o-Xylene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Styrene	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Bromoform	U	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Bromobenzene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,1,2,2-Tetrachloroethane	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,2,3-Trichloropropane	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
2-Chlorotoluene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
4-Chlorotoluene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,3-Dichlorobenzene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,4-Dichlorobenzene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,2-Dichlorobenzene	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
1,2-Dibromo-3-chloropropane	U,J	ug/kg	5	30-APR-99	EPA 8260	99-034-6671
Surrogate Recovery:						
Dibromofluoromethane	111	%				99-034-6671
Toluene-d8	107	%				99-034-6671
4-Bromofluorobenzene	117	%				99-034-6671

Analysis Comment: Dry weight basis. J-Estimated. Internal Std. out low. Confirmed C6653.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID : L33677-21

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-8 @5.5'
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 14:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	83.38	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Chloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Vinyl chloride	U	ug/kg	2	29-APR-99	EPA 8260	99-034-6652
Bromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Chloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Trichlorofluoromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Acrolein	U	ug/kg	24	29-APR-99	EPA 8260	99-034-6652
1,1-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Acetone	U	ug/kg	30	29-APR-99	EPA 8260	99-034-6652
Carbon disulfide	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Methylene Chloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Acrylonitrile	U	ug/kg	24	29-APR-99	EPA 8260	99-034-6652
trans-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,1-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
cis-1,2-Dichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Methyl ethyl ketone	U	ug/kg	30	29-APR-99	EPA 8260	99-034-6652
Chloroform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,1,1-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Carbon tetrachloride	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Benzene	U	ug/kg	0.8	29-APR-99	EPA 8260	99-034-6652
1,2-Dichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Trichloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,2-Dichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Dibromomethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Bromodichloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
2-Chloroethylvinylether	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
cis-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Methyl isobutyl ketone	U	ug/kg	12	29-APR-99	EPA 8260	99-034-6652
Toluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
trans-1,3-Dichloropropene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,1,2-Trichloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Tetrachloroethene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
2-Hexanone	U	ug/kg	12	29-APR-99	EPA 8260	99-034-6652
Dibromochloromethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,2-Dibromoethane (EDB)	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Chlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,1,1,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Ethylbenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-21

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	240 KENSINGTON AVE.
ORIGIN :	TP-8 @5.5'
DESCRIPTION :	GRAB
SAMPLED ON :	26-APR-99 14:45 by CLIENT
DATE RECEIVED :	28-APR-99 08:45
P.O. NO :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
o-Xylene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Styrene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Bromoform	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Bromobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,1,2,2-Tetrachloroethane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,2,3-Trichloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
2-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
4-Chlorotoluene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,3-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,4-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,2-Dichlorobenzene	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
1,2-Dibromo-3-chloropropane	U	ug/kg	6	29-APR-99	EPA 8260	99-034-6652
Surrogate Recovery:						
Dibromofluoromethane	105	%				99-034-6652
Toluene-d8	100	%				99-034-6652
4-Bromofluorobenzene	104	%				99-034-6652

Analysis Comment: Results Calculated on a dry weight basis.

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John R. Kent
Lab Director

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ug/L = micrograms per liter (equivalent to parts per billion)
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J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-22

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-8 (1-5.5')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.483	12-MAY-99	EPA 335.3	99-003-24
Total Solids	81.97	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	9260	mg/kg	9.11	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	6.08	04-MAY-99	EPA 6010	99-081-10
Arsenic	6.8	mg/kg	3.00	04-MAY-99	EPA 7060	98-146-37
Barium	167	mg/kg	1.94	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.652	mg/kg	0.243	04-MAY-99	EPA 6010	99-081-10
Cadmium	0.832	mg/kg	0.6080	04-MAY-99	EPA 6010	99-081-10
Calcium	81500	mg/kg	610	10-MAY-99	EPA 6010	99-081-12
Chromium	15.3	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10
Cobalt	6.95	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10
Copper	112	mg/kg	2.07	04-MAY-99	EPA 6010	99-081-10
Iron	16200	mg/kg	4.86	04-MAY-99	EPA 6010	99-081-10
Lead	299	mg/kg	5.35	04-MAY-99	EPA 6010	99-081-10
Magnesium	14500	mg/kg	60.7	04-MAY-99	EPA 6010	99-081-10
Manganese	429	mg/kg	0.608	04-MAY-99	EPA 6010	99-081-10
Mercury	0.25	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	17.4	mg/kg	1.46	04-MAY-99	EPA 6010	99-081-10
Potassium	1330	mg/kg	60.7	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.600	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
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J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-22

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	240 KENSINGTON AVE.
ORIGIN :	TP-8 (1-5.5')
DESCRIPTION :	COMPOSITE
SAMPLED ON :	26-APR-99 14:45 by CLIENT
DATE RECEIVED :	28-APR-99 08:45
P.O. NO. :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	145	mg/kg	24.3	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.90	04-MAY-99	EPA 6010	99-081-10
Vanadium	21.6	mg/kg	1.22	04-MAY-99	EPA 6010	99-081-10
Zinc	398	mg/kg	2.43	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6759
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6759
Surrogate Recovery:						
Decachlorobiphenyl	80	%				99-049-6759

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
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J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-22

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-8 (1-5.5')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 14:45 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6759
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6759
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6759
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6759
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6759
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6759
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6759
Surrogate Recovery:						
Decachlorobiphenyl	80	%				99-049-6759
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Phenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2-Chlorophenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
1,3-Dichlorobenzene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
1,4-Dichlorobenzene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
1,2-Dichlorobenzene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Bis(2-chloroisopropylether)	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2-Methylphenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Hexachloroethane	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
N-Nitrosodi-N-propylamine	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
3-Methylphenol/4-Methylphenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Nitrobenzene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Isophorone	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2-Nitrophenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2,4-Dimethylphenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Bis(2-chloroethoxymethane)	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2,4-Dichlorophenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
1,2,4-Trichlorobenzene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Naphthalene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
4-Chloroaniline	U	ug/kg	5400	12-MAY-99	EPA 8270	97-186-11897
Hexachlorobutadiene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
4-Chloro-3-methylphenol	U	ug/kg	5400	12-MAY-99	EPA 8270	97-186-11897
2-Methylnaphthalene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Hexachlorocyclopentadiene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2,4,6-Trichlorophenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2,4,5-Trichlorophenol	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2-Chloronaphthalene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

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B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-22

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-8 (1-5.5')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 14:45 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11897
Dimethyl phthalate	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Acenaphthylene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2,6-Dinitrotoluene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
3-Nitroaniline	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11897
Acenaphthene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2,4-Dinitrophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11897
Dibenzofuran	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
2,4-Dinitrotoluene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
4-Nitrophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11897
Diethyl phthalate	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Fluorene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
4-Chlorophenylphenylether	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
4-Nitroaniline	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11897
2-Methyl-4,6-dinitrophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11897
N-Nitrosodiphenylamine	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
4-Bromophenylphenylether	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Hexachlorobenzene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Pentachlorophenol	U	ug/kg	11000	12-MAY-99	EPA 8270	97-186-11897
Phenanthrene	4400	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Anthracene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Carbazole	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Di-n-butyl phthalate	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Fluoranthene	5200	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Pyrene	5900	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Butylbenzyl phthalate	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Benzo(a)anthracene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
3,3-Dichlorobenzidine	U	ug/kg	5400	12-MAY-99	EPA 8270	97-186-11897
Chrysene	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Bis-2-ethylhexyl phthalate	U	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Di-n-octyl phthalate	U,J	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Benzo(b)fluoranthene	3400 J	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Benzo(k)fluoranthene	U,J	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Benzo(a)pyrene	U,J	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Indeno(1,2,3-cd)pyrene	U,J	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Dibenzo(a,h)anthracene	U,J	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Benzo(g,h,i)perylene	U,J	ug/kg	2700	12-MAY-99	EPA 8270	97-186-11897
Extraction Information:				30-APR-99		98-174-99

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-22

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-8 (1-5.5')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 14:45 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:							
Terphenyl-d14	156	D	%				97-186-11897
2-Fluorophenol	86		%				97-186-11897
Phenol-d5	99		%				97-186-11897
2,4,6-Tribromophenol	100		%				97-186-11897
Nitrobenzene-d5	104		%				97-186-11897
2-Fluorobiphenyl	109		%				97-186-11897

Analysis Comment: Dry weight basis.J-Estimated. Internal std. out low.D-Diluted.

QC

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-23

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	
ORIGIN :	240 KENSINGTON AVE.
DESCRIPTION :	TP-9 (0-1')
SAMPLED ON :	COMPOSITE
DATE RECEIVED :	26-APR-99 15:15 by CLIENT
P.O. NO. :	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.55	12-MAY-99	EPA 335.3	99-003-24
Total Solids	83.79	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	10000	mg/kg	8.51	04-MAY-99	EPA 6010	99-081-10
Antimony	6.01	mg/kg	5.68	04-MAY-99	EPA 6010	99-081-10
Arsenic	17	mg/kg	5.60	04-MAY-99	EPA 7060	98-146-37
Barium	200	mg/kg	1.82	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.781	mg/kg	0.227	04-MAY-99	EPA 6010	99-081-10
Cadmium	0.989	mg/kg	0.5670	04-MAY-99	EPA 6010	99-081-10
Calcium	49100	mg/kg	56.7	04-MAY-99	EPA 6010	99-081-10
Chromium	60	mg/kg	1.14	04-MAY-99	EPA 6010	99-081-10
Cobalt	8.89	mg/kg	1.14	04-MAY-99	EPA 6010	99-081-10
Copper	48.4	mg/kg	1.93	04-MAY-99	EPA 6010	99-081-10
Iron	32000	mg/kg	45.3	10-MAY-99	EPA 6010	99-081-12
Lead	238	mg/kg	4.99	04-MAY-99	EPA 6010	99-081-10
Magnesium	9830	mg/kg	56.7	04-MAY-99	EPA 6010	99-081-10
Manganese	628	mg/kg	0.567	04-MAY-99	EPA 6010	99-081-10
Mercury	0.14	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	41.7	mg/kg	1.36	04-MAY-99	EPA 6010	99-081-10
Potassium	1450	mg/kg	56.7	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.560	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.14	04-MAY-99	EPA 6010	99-081-10

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

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Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-23

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-9 (0-1')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 15:15 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	166	mg/kg	22.6	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.38	04-MAY-99	EPA 6010	99-081-10
Vanadium	24.3	mg/kg	1.14	04-MAY-99	EPA 6010	99-081-10
Zinc	181	mg/kg	2.27	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6760
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6760
Surrogate Recovery:						
Decachlorobiphenyl	126	%				99-049-6760

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

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Lab Director

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TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-23

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 (0-1')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 15:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6760
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6760
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6760
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6760
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6760
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6760
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6760
Surrogate Recovery:						
Decachlorobiphenyl	126	%				99-049-6760
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Phenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2-Chlorophenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
1,3-Dichlorobenzene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
1,4-Dichlorobenzene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
1,2-Dichlorobenzene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Bis(2-chloroisopropylether)	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2-Methylphenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Hexachloroethane	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
N-Nitrosodi-N-propylamine	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
3-Methylphenol/4-Methylphenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Nitrobenzene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Isophorone	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2-Nitrophenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2,4-Dimethylphenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Bis(2-chloroethoxymethane)	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2,4-Dichlorophenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
1,2,4-Trichlorobenzene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Naphthalene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
4-Chloroaniline	U	ug/kg	5100	10-MAY-99	EPA 8270	98-051-8160
Hexachlorobutadiene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
4-Chloro-3-methylphenol	U	ug/kg	5100	10-MAY-99	EPA 8270	98-051-8160
2-Methylnaphthalene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Hexachlorocyclopentadiene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2,4,6-Trichlorophenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2,4,5-Trichlorophenol	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2-Chloronaphthalene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

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DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-23

Benchmark Environmental Engineering
Rick Dubisz
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50 Fountain Plaza
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SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-9 (0-1')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 15:15 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	10000	10-MAY-99	EPA 8270	98-051-8160
Dimethyl phthalate	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Acenaphthylene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2,6-Dinitrotoluene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
3-Nitroaniline	U	ug/kg	10000	10-MAY-99	EPA 8270	98-051-8160
Acenaphthene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2,4-Dinitrophenol	U	ug/kg	10000	10-MAY-99	EPA 8270	98-051-8160
Dibenzofuran	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
2,4-Dinitrotoluene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
4-Nitrophenol	U	ug/kg	10000	10-MAY-99	EPA 8270	98-051-8160
Diethyl phthalate	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Fluorene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
4-Chlorophenylphenylether	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
4-Nitroaniline	U	ug/kg	10000	10-MAY-99	EPA 8270	98-051-8160
2-Methyl-4,6-dinitrophenol	U	ug/kg	10000	10-MAY-99	EPA 8270	98-051-8160
N-Nitrosodiphenylamine	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
4-Bromophenylphenylether	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Hexachlorobenzene	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Pentachlorophenol	U	ug/kg	10000	10-MAY-99	EPA 8270	98-051-8160
Phenanthrene	16000	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Anthracene	4400	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Carbazole	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Di-n-butyl phthalate	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Fluoranthene	16000	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Pyrene	19000	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Butylbenzyl phthalate	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Benzo(a)anthracene	8800	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
3,3-Dichlorobenzidine	U	ug/kg	5100	10-MAY-99	EPA 8270	98-051-8160
Chrysene	7900	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Bis-2-ethylhexyl phthalate	U	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Di-n-octyl phthalate	U,J	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Benzo(b)fluoranthene	11000	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Benzo(k)fluoranthene	4200 J	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Benzo(a)pyrene	7500 J	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Indeno(1,2,3-cd)pyrene	3300 J	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Dibenzo(a,h)anthracene	U,J	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Benzo(g,h,i)perylene	3100 J	ug/kg	2600	10-MAY-99	EPA 8270	98-051-8160
Extraction Information:				30-APR-99		98-174-99

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 18-MAY-1999

LAB SAMPLE ID : L33677-23

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 (0-1')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 15:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
Terphenyl-d14	137	%				98-051-8160
2-Fluorophenol	89	%				98-051-8160
Phenol-d5	106	%				98-051-8160
2,4,6-Tribromophenol	96	%				98-051-8160
Nitrobenzene-d5	109	%				98-051-8160
2-Fluorobiphenyl	116	%				98-051-8160

Analysis Comment: Dry weight basis. J-Estimated. Internal std. out low.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-24

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 (0-1')
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 15:15 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.71	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Chloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6672
Bromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Chloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Trichlorofluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Acrolein	U	ug/kg	23	30-APR-99	EPA 8260	99-034-6672
1,1-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Acetone	U	ug/kg	29	30-APR-99	EPA 8260	99-034-6672
Carbon disulfide	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Methylene Chloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Acrylonitrile	U	ug/kg	23	30-APR-99	EPA 8260	99-034-6672
trans-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,1-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
cis-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Methyl ethyl ketone	U	ug/kg	29	30-APR-99	EPA 8260	99-034-6672
Chloroform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,1,1-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Carbon tetrachloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Benzene	U	ug/kg	0.8	30-APR-99	EPA 8260	99-034-6672
1,2-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Trichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,2-Dichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Dibromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Bromodichloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
2-Chloroethylvinylether	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
cis-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Methyl isobutyl ketone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6672
Toluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
trans-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,1,2-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Tetrachloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
2-Hexanone	U	ug/kg	11	30-APR-99	EPA 8260	99-034-6672
Dibromochloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,2-Dibromoethane (EDB)	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Chlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,1,1,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Ethylbenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-24

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	240 KENSINGTON AVE.
ORIGIN :	TP-9 (0-1')
DESCRIPTION :	GRAB
SAMPLED ON :	26-APR-99 15:15 by CLIENT
DATE RECEIVED :	28-APR-99 08:45
P.O. NO. :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
o-Xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Styrene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Bromoform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Bromobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,1,2,2-Tetrachloroethane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,2,3-Trichloropropane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
2-Chlorotoluene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
4-Chlorotoluene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,3-Dichlorobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,4-Dichlorobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,2-Dichlorobenzene	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
1,2-Dibromo-3-chloropropane	U,J	ug/kg	6	30-APR-99	EPA 8260	99-034-6672
Surrogate Recovery:						
Dibromofluoromethane	114	%				99-034-6672
Toluene-d8	104	%				99-034-6672
4-Bromofluorobenzene	116	%				99-034-6672

Analysis Comment: Dry weight basis. J-Estimated. Internal Std. out low. Confirmed C6651.

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-25

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 @7.5'
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 15:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.76	%		29-APR-99	CLP 3.0	97-070-90
EPA 8260						
Dichlorodifluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Chloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Vinyl chloride	U	ug/kg	2	30-APR-99	EPA 8260	99-034-6677
Bromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Chloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Trichlorofluoromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Acrolein	U	ug/kg	24	30-APR-99	EPA 8260	99-034-6677
1,1-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Acetone	U	ug/kg	30	30-APR-99	EPA 8260	99-034-6677
Carbon disulfide	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Methylene Chloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Acrylonitrile	U	ug/kg	24	30-APR-99	EPA 8260	99-034-6677
trans-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,1-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
cis-1,2-Dichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Methyl ethyl ketone	U	ug/kg	30	30-APR-99	EPA 8260	99-034-6677
Chloroform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,1,1-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Carbon tetrachloride	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Benzene	U	ug/kg	0.9	30-APR-99	EPA 8260	99-034-6677
1,2-Dichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Trichloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,2-Dichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Dibromomethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Bromodichloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
2-Chloroethylvinylether	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
cis-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Methyl isobutyl ketone	U	ug/kg	12	30-APR-99	EPA 8260	99-034-6677
Toluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
trans-1,3-Dichloropropene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,1,2-Trichloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Tetrachloroethene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
2-Hexanone	U	ug/kg	12	30-APR-99	EPA 8260	99-034-6677
Dibromochloromethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,2-Dibromoethane (EDB)	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Chlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,1,1,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Ethylbenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-25

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 @7.5'
DESCRIPTION	GRAB
SAMPLED ON	26-APR-99 15:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
o-Xylene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Styrene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Bromoform	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Bromobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,1,2,2-Tetrachloroethane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,2,3-Trichloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
2-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
4-Chlorotoluene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,3-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,4-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,2-Dichlorobenzene	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
1,2-Dibromo-3-chloropropane	U	ug/kg	6	30-APR-99	EPA 8260	99-034-6677
Surrogate Recovery:						
Dibromofluoromethane	110	%				99-034-6677
Toluene-d8	104	%				99-034-6677
4-Bromofluorobenzene	108	%				99-034-6677

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-26

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 (1-7.5')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 15:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyanide, Total	U	mg/kg	0.453	12-MAY-99	EPA 335.3	99-003-24
Total Solids	82.81	%		29-APR-99	CLP 3.0	97-070-90
Aluminum	11600	mg/kg	9.10	04-MAY-99	EPA 6010	99-081-10
Antimony	U	mg/kg	6.07	04-MAY-99	EPA 6010	99-081-10
Arsenic	3.5	mg/kg	1.40	04-MAY-99	EPA 7060	98-146-37
Barium	127	mg/kg	1.94	04-MAY-99	EPA 6010	99-081-10
Beryllium	0.744	mg/kg	0.243	04-MAY-99	EPA 6010	99-081-10
Cadmium	U	mg/kg	0.6070	04-MAY-99	EPA 6010	99-081-10
Calcium	95300	mg/kg	610	10-MAY-99	EPA 6010	99-081-12
Chromium	18.1	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10
Cobalt	8.57	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10
Copper	22	mg/kg	2.06	04-MAY-99	EPA 6010	99-081-10
Iron	19800	mg/kg	4.85	04-MAY-99	EPA 6010	99-081-10
Lead	61.3	mg/kg	5.34	04-MAY-99	EPA 6010	99-081-10
Magnesium	26100	mg/kg	60.6	04-MAY-99	EPA 6010	99-081-10
Manganese	664	mg/kg	0.607	04-MAY-99	EPA 6010	99-081-10
Mercury	0.14	mg/kg	0.0120	05-MAY-99	EPA 7470	98-126-19
Nickel	22.3	mg/kg	1.46	04-MAY-99	EPA 6010	99-081-10
Potassium	2400	mg/kg	60.6	04-MAY-99	EPA 6010	99-081-10
Selenium	U	mg/kg	0.560	08-MAY-99	EPA 7740	96-079-83
Silver	U	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank
ug/L = micrograms per liter (equivalent to parts per billion)
mg/kg = milligrams per kilogram (equivalent to parts per million)
J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-26

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 (1-7.5')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 15:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Sodium	171	mg/kg	24.2	04-MAY-99	EPA 6010	99-081-10
Thallium	U	mg/kg	7.89	04-MAY-99	EPA 6010	99-081-10
Vanadium	25	mg/kg	1.21	04-MAY-99	EPA 6010	99-081-10
Zinc	106	mg/kg	2.43	04-MAY-99	EPA 6010	99-081-10
EPA 8081						
alpha-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
beta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Lindane (gamma-BHC)	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
delta-BHC	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Heptachlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Aldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Heptachlor epoxide	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
alpha-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Endosulfan I	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
gamma-Chlordane	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
4,4'-DDE	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Dieldrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Endrin	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Endosulfan II	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
4,4'-DDD	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Endrin ketone	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Endrin aldehyde	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Endosulfan sulfate	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
4,4'-DDT	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Methoxychlor	U	mg/kg	0.05	06-MAY-99	EPA 8081	99-049-6761
Toxaphene	U	mg/kg	0.5	06-MAY-99	EPA 8081	99-049-6761
Surrogate Recovery:						
Decachlorobiphenyl	81	%				99-049-6761

QC

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-26

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	240 KENSINGTON AVE.
ORIGIN	TP-9 (1-7.5')
DESCRIPTION	COMPOSITE
SAMPLED ON	26-APR-99 15:30 by CLIENT
DATE RECEIVED	28-APR-99 08:45
P.O. NO.	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8082						
PCB 1016	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6761
PCB 1221	U	mg/kg	0.2	06-MAY-99	EPA 8082	99-049-6761
PCB 1232	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6761
PCB 1242	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6761
PCB 1248	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6761
PCB 1254	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6761
PCB 1260	U	mg/kg	0.1	06-MAY-99	EPA 8082	99-049-6761
Surrogate Recovery:						
Decachlorobiphenyl	81	%				99-049-6761
EPA 8270						
Bis(2-chloroethylether)	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Phenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2-Chlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
1,3-Dichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
1,4-Dichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
1,2-Dichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Bis(2-chloroisopropylether)	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2-Methylphenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Hexachloroethane	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
N-Nitrosodi-N-propylamine	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
3-Methylphenol/4-Methylphenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Nitrobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Isophorone	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2-Nitrophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2,4-Dimethylphenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Bis(2-chloroethoxymethane)	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2,4-Dichlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
1,2,4-Trichlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Naphthalene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
4-Chloroaniline	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8151
Hexachlorobutadiene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
4-Chloro-3-methylphenol	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8151
2-Methylnaphthalene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Hexachlorocyclopentadiene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2,4,6-Trichlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2,4,5-Trichlorophenol	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2-Chloronaphthalene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-26

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE	
ORIGIN	240 KENSINGTON AVE.
DESCRIPTION	TP-9 (1-7.5')
SAMPLED ON	COMPOSITE
DATE RECEIVED	26-APR-99 15:30 by CLIENT
P.O. NO.	28-APR-99 08:45
	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8151
Dimethyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Acenaphthylene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2,6-Dinitrotoluene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
3-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8151
Acenaphthene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2,4-Dinitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8151
Dibenzofuran	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
2,4-Dinitrotoluene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
4-Nitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8151
Diethyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Fluorene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
4-Chlorophenylphenylether	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
4-Nitroaniline	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8151
2-Methyl-4,6-dinitrophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8151
N-Nitrosodiphenylamine	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
4-Bromophenylphenylether	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Hexachlorobenzene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Pentachlorophenol	U	ug/kg	1100	10-MAY-99	EPA 8270	98-051-8151
Phenanthrene	680	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Anthracene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Carbazole	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Di-n-butyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Fluoranthene	840	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Pyrene	790	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Butylbenzyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Benzo(a)anthracene	420	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
3,3-Dichlorobenzidine	U	ug/kg	570	10-MAY-99	EPA 8270	98-051-8151
Chrysene	400	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Bis-2-ethylhexyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Di-n-octyl phthalate	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Benzo(b)fluoranthene	460	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Benzo(k)fluoranthene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Benzo(a)pyrene	360	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Indeno(1,2,3-cd)pyrene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Dibenzo(a,h)anthracene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Benzo(g,h,i)perylene	U	ug/kg	290	10-MAY-99	EPA 8270	98-051-8151
Extraction Information:				30-APR-99		98-174-99

QC AD NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE : 18-MAY-1999

LAB SAMPLE ID : L33677-26

Benchmark Environmental Engineering
Rick Dubisz
Key Tower, Suite 1350
50 Fountain Plaza
Buffalo, NY 14202

SAMPLE SOURCE :	240 KENSINGTON AVE.
ORIGIN :	TP-9 (1-7.5')
DESCRIPTION :	COMPOSITE
SAMPLED ON :	26-APR-99 15:30 by CLIENT
DATE RECEIVED :	28-APR-99 08:45
P.O. NO. :	N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
Terphenyl-d14	107	%				98-051-8151
2-Fluorophenol	85	%				98-051-8151
Phenol-d5	92	%				98-051-8151
2,4,6-Tribromophenol	96	%				98-051-8151
Nitrobenzene-d5	96	%				98-051-8151
2-Fluorobiphenyl	100	%				98-051-8151

Analysis Comment: Results Calculated on a dry weight basis.

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
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PAGE 1 OF 1

~~E. C.~~ FLI LABORATORIES INC.

~~21337 Drake Rd./Strongsville, OH 44136~~
~~(440) 238-6100 • 1-800-962-0118 • Fax (440) 238-6294~~

ECI WORK ORDER NUMBER: L33677

COMPANY NAME	PURCHASE ORDER NO.	QUOTATION #
Benchmark Eng		

PROJECT NAME / LOCATION / NO.: 240 Kensington Ave JOB site

SAMPLERS: (Signature) [signature]

SAMPLERS: (Print Name) Richard Dubisz

DATE	TIME	COMP	GRAB	STATION LOCATION STATION NO.	# of CONT.	H_2SO_4	HNO_3	NaOH	UNPRESERVED	OTHER	8260	SVOA Pest/PCB 8080 Metals TCL Cyanide								REMARKS
4/26/99	1000		X	~~[illegible]~~ TP-1-0-3'	2				X		1-	X								-1,2,3
	1015			TP-2- 0-1'	2				X		X	X								-4
	1030			TP-3 - 0-1'	2				X		X	X								-5
	1045			TP-3 - 1.5.5'	2				X		X	X								-6
	1110			TP-4 0-1'	2				X		X	X								-7
	1135			TP-4 @ 7'	1				X			X								-8
	1135			TP-4 1-7'	1				X		X									-9
	13:00			TP-5 0-1'	2				X		X	X								-10
	13:15			TP-5 @ 4.5'	1				X			X								-11
	13:15			TP-5 - 1-4.5'	1				X		X									-12
	13:30			TP-6 - 0-1'	2				X		X	X								-13
	13:45			TP-6 @ 7'	1							X								-14
	13:45			TP-6 1-7'	1				X		X									-15
	14:00			TP-7 0-1'	2				X		X	X								-16
	14:15			TP-7 @ 6'	1				X			X								-17
	14:15			* TP-7 1-6'	2				X		X									-18 * composite the two jars for analysis

Turnaround Requirement (surcharges may apply)	
___ Same Day	
___ 24 Hour	
___ 48 Hour	
___ 72 Hour	
X Standard	

Authorized by: Signature ______

Relinquished By: (signature)	Received By: (signature)	Relinquished By: (signature)	Received By: (signature)	Relinquished By: (signature)
[signature]	L Robbins	Louis Robbins		AT TP-7 1-6
Printed Name: Richard Dubisz	Printed Name	Printed Name	Printed Name	Printed Name
Date 4/27/99 Time 15:03	Date Time	Date Time	Date Time	Date Time

RECEIVED IN LABORATORY BY: [signature] Date 4/28/99 Time 8:45

COMMENTS See Kathy Wagner (FLI) for Details of Analysis
4.4° when received

DISTRIBUTION: Orig-Accompanies Shipment Yellow-Transporter Pink-Accounting

~~E. C. LABORATORIES INC.~~ FLI

~~21337 Drake Rd./Strongsville, OH 44136~~
~~(440) 238-6100 • 1-800-962-0118 • Fax (440) 238-6294~~

ECL WORK ORDER NUMBER:

PURCHASE ORDER NO.

QUOTATION #

Bench mARK Eng

PROJECT NAME / LOCATION / NO.: 240 Kensington Ave. JOB site

SAMPLERS: (Signature) [signature]

SAMPLERS: (Print Name) Richard DUBISZ

L33677

DATE	TIME	COMP	GRAB	STATION LOCATION STATION NO.	# of CONT.	H_2SO_4	HNO_3	NaOH	UNPRESERVED	OTHER	8270 SVOA	8080 Pest/PCB metals	TCL cyanide	VOAs method 8260		REMARKS
4/26/99	14:30		X	TP-8 0-1'	3				Y		~~2~~ 2	1 2			-19 Comp.	* Composite the two SVOA, Pest/PCB & metals jars
↓			↓												-20 Grab	for analysis at TP-8 0-1'
	14:45			TP-8 @ 5.5'	1				X			1			-21	
	14:45			TP 8 1-5.5'	2				Y		2*				-22	*Composite the two SVOA pest/PCB & metals jars for analysis AT TP-8 1-5.5'
	15:15			TP-9 0-1'	3				X		2*	1			-23 Comp	*Composite the two SVOA pest/PCB & metals
															-24 grab	jars for analysis at TP-9 0-1'
	15:30			TP 9 @ 7.5'	1				X			1			-25	
	15:30			TP-9 1-7.5'	2				Y		2				-26	* Composite the two SVOA pest/PCB & metals jars for analysis at TP-9-1.25'

Turnaround Requirement (surcharges may apply): ____ Same Day ____ 24 Hour ____ 48 Hour ____ 72 Hour __X__ Standard

Authorized by: Signature ________

Relinquished By: (signature)	Received By: (signature)	Relinquished By: (signature)	Received By: (signature)	Relinquished By: (signature)
[signature]	L Robbins	Louis Robbins		
Printed Name: Richard DUBISZ	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Date: 4/27/99 Time: 15:03	Date: Time:	Date: Time:	Date: Time:	Date: Time:

RECEIVED IN LABORATORY BY: Julie L Briggs Date: 4/28/99 Time: 8:45

COMMENTS: See Kathy Wagner (FLI) for details of analysis. 4.4° when received

DISTRIBUTION: Orig-Accompanies Shipment Yellow-Transporter Pink-Accounting