

**Chemical Concentration Data for
Samples Associated with
Hyde Park Landfill Site**
as compiled by
Arthur D. Little, Inc.
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I. INTRODUCTION

The purpose of this report is to document and coordinate all of the data received to date from Hooker relative to Hyde Park/Bloody Run. The samples included here were analyzed for either the entire list of priority pollutants or any number of specific chemicals or indicator compounds. Data for other parameters such as pH, conductivity, TOC, and total organic halides have not been included; there is some disagreement between these parameters and the priority pollutant data.

Samples included in this report were collected by Hooker (or its contractors), EPA, New York State, or the City of Niagara Falls between February 1978 and April 1980 with the majority of the samples taken in 1979. The data reported here were received by Arthur D. Little through May 1980. Analyses were performed by a number of different laboratories: EPA, Hydrosience, Radian, New York State, Raltech, Carborundum, Recra, Arthur D. Little, and Hooker. The procedures used and the detection limits may vary among the samples presented in any given location category, and for this reason caution should be used in comparing zeros (not detected above the analytical limit) and positive values. The analytical laboratory is identified in the last column of the section describing each sample. Table 1 summarizes the common procedures and detection limits to be associated with each of these laboratories. The data classifications are presented in Table 2.

The concentration data have been stored in an IBM 370/155 computer system, using the APL/CMS language. This system allows for on-line storage and retrieval of information. Separate workspaces have been established for each of the areas shown in Table 2.

In each workspace, concentration data have been stored in matrix form with rows for each pollutant that was tested for and columns for each sample analysed. Programs generate reports which can display the concentrations of any subset of pollutants for any subset of samples. Simple statistics (such as mean and standard deviation of concentrations across several samples) can also be reported. Textual information about

each sample, such as the location and date of sampling and the analyst who reported the sample have also been stored. Tables 3 through 27, as well as the Appendix, were generated from the data base stored in the computer.

TABLE 1

Analytical Procedures

<u>Analytical Laboratory</u>	<u>Procedures Used</u>	<u>Average Detection Limits</u>
EPA	- EPA priority pollutant screening protocol* GC/MS - organics	1-10 ppb
Hydroscience	- EPA priority pollutant screening protocol GC/MS - organics; AA - metals - GC/MS analysis for select compounds	1-10 ppb
Radian	- EPA priority pollutant screening protocol GC/MS - organics - GC/MS analysis for select compounds	1-10 ppb
New York State	- GC/MS analysis for select compounds	Volatiles: 2-10 ppb Others: 5-50 ppt
Raltech	- GC/MS analysis for select compounds	Volatiles: 1 ppb Chlorinated benzenes and toluenes: 10 ppb Others: 50-100 ppt
Carborundum	- EPA priority pollutant screening protocol GC/MS detection limits modified	10 ppt
Recra	- GC analysis for select compounds	10 ppt
Arthur D. Little	- EPA priority pollutant screening protocol GC/MS - organics	Volatiles: 1 ppb Others: 10 ppb
Hooker	- Hooker GC analysis	0.1 - 1 ppb

* Aqueous samples: "Sampling and Analysis Procedures for Screening of Industrial Effluents for Priority Pollutants," U.S. EPA, April 1977 revision.

Sediments: "Interim Methods for the Sampling and Analysis of Priority Pollutants in Sediments and Fish Tissue," U.S. EPA

TABLE 2

DATA STORAGE CATEGORIES

<u>Location</u>	<u>ADL Sample No.</u>	<u>Comments</u>
A. Hyde Park Landfill		
Well Samples	1100+	Water samples from wells located on or near the Hyde Park Landfill
Non-well Samples	1200+	Water, leachate, soil or sediment samples associated with Hyde Park; this includes Bloody Run samples

II. FREQUENCY OF OCCURRENCE

The quantity of data included in a priority pollutant analysis is very large, making it difficult to study and extract the relevant information. For this reason, a list of 28 compounds has been chosen for presenting the data in the main body of this report; the data for all chemicals detected at least once are given in the Appendix, as well as a list of the EPA priority pollutants not detected at all at each site. Pollutants were selected for inclusion in the list of 28 based on a high frequency of occurrence or a special interest in that compound. Compound numbers 100-500 refer to priority pollutant volatiles, acids, base/neutrals, pesticides and metals; compounds with a number in the 800's are either a sum of isomers (e.g. 802 trichlorobenzenes) or a special interest compound (e.g. 807 monochlorobenzotrifluoride).

In order to gain some insight into which chemicals are the most commonly observed at each site, the following table has been prepared. Table 3 shows the number of times a compound was measured above the analytical detection limit as a percentage of the number of times for which it was analysed.

TABLE 3

Frequency of Occurrence as Percentage of Samples Analyzed

	Hyde Park Wells	Hyde Park Landfill/ Bloody Run
113 CHLOROFORM	40	54
120 TRICHLOROETHYLENE	44	79
127 1,1,2,2-TETRACHLOROETHYLENE	40	71
121 BENZENE	50	52
129 CHLOROBENZENE	34	52
301 DICHLOROBENZENES	21	21
802 TRICHLOROBENZENES	27	55
803 TETRACHLOROBENZENES	17	80
329 HEXACHLOROBENZENE	15	34
128 TOLUENE	52	58
805 MONOCHLOROTOLUENES	43	60
806 DICHLOROTOLUENES	24	50
807 MONOCHLOROBENZOTRIFLUORIDE	46	25
311 HEXACHLOROBUTADIENE	27	24
317 HEXACHLOROCYCLOPENTADIENE	0	0
808 OCTACHLOROCYCLOPENTENE	0	NA
203 PHENOL	64	60
809 TRICHLOROPHENOLS	18	42
812 HEXACHLOROCYCLOHEXANES (BHC)	25	50
813 HIREX	83	83
408 ENDOSULFAN I.	0	0
502 ARSENIC	89	100
505 CHROMIUM	74	94
506 COPPER	100	100
507 LEAD	96	88
509 MERCURY	26	13
510 NICKEL	87	100
514 ZINC	100	100

NA indicates that the analytical procedure for that chemical was not performed on any samples from the specific site.

III. ANALYTICAL DATA

This section includes the analytical data (ppb) for 28 compounds selected on the basis of frequency of observation and special interest. In general, when a specific isomer is not called out, the value given is the sum of all available data for the different isomers, e.g., tri-chlorobenzenes and hexachlorocyclohexanes. Concentration data for the other chemicals, and a list of all chemicals not observed at each site, are given in the Appendix.

The data have been separated into the three landfill areas and the water treatment plant. For each site, the data have been further subdivided into specific sampling locations. Where appropriate, partial or complete summary tables for each site are presented at the beginning of each section. Following these summaries are the tables containing the data for all the samples at that location. The first part of these tables gives some of the log information relative to sampling and analysis. All concentration data are given in $\mu\text{g/L}$ or $\mu\text{g/Kg}$ (ppb).

In the pollutant concentration tabulations, -1 is used to indicate that the analytical procedure for that particular compound was not performed. Zeros in the data tables indicate that the specific compound was analyzed for but was not detected with respect to the detection limit of that particular analysis. When averages are given, they were computed by ignoring -1 values and using only those values greater than or equal to zero. All average concentrations have been rounded off to two significant figures.

A. Hyde Park

1. Hyde Park Wells (Samples 1101-1148)

The first half of this section contains the Hyde Park well concentration data generated by Hooker contractors or federal/state authorities and received by Arthur D. Little prior to the end of May 1980.

Tables 4 through 6 are summaries (averages) for overburden, interface, and bedrock wells. Table 7 summarizes the pollutant concentrations observed in the three private wells located north of the landfill. The remainder of this section (Tables 8 through 23) includes the data for each sample, organized by well.

TABLE 4

Hyde Park - Overburden Wells
Average Concentrations (µg/L)

	<u>Well 2</u>	<u>Well 6</u>
113 CHLOROFORM	0	950
120 TRICHLOROETHYLENE	0	230
127 1,1,2,2-TETRACHLOROETHYLENE	0	1300
121 BENZENE	0	75
129 CHLOROBENZENE	0	610
301 DICHLOROBENZENES	0	570
802 TRICHLOROBENZENES	0	800
803 TETRACHLOROBENZENES	-1	160
329 HEXACHLOROBENZENE	0	3200
128 TOLUENE	0	1500
805 MONOCHLOROTOLUENES	-1	-1
806 DICHLOROTOLUENES	-1	2100
807 MONOCHLOROBENZOTRIFLUORIDE	-1	65
311 HEXACHLOROBUTADIENE	0	5600
317 HEXACHLOROCYCLOPENTADIENE	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1
203 PHENOL	0	1000
809 TRICHLOROPHENOLS	0	1300
812 HEXACHLOROCYCLOHEXANES (BHC)	0	300
813 MIREX	-1	260
408 ENDOSULFAN 1.	0	0
502 ARSENIC	8	46
505 CHROMIUM	0	140
506 COPPER	828	770
507 LEAD	340	1900
509 MERCURY	0	0.19
510 NICKEL	80	240
514 ZINC	1320	51000

TABLE 5

Hyde Park - Interface Wells
Average Concentrations (µg/L)

	<u>Well 3</u>	<u>Well 5</u>
113 CHLOROFORM	1400	4
120 TRICHLOROETHYLENE	930	5
127 1,1,2,2-TETRACHLOROETHYLENE	440	1
121 BENZENE	730	51
129 CHLOROBENZENE	1200	9.7
301 DICHLOROBENZENES	6.5	0
802 TRICHLOROBENZENES	0	0
803 TETRACHLOROBENZENES	0	0
329 HEXACHLOROBENZENE	0	0
128 TOLUENE	3200	31
805 MONOCHLOROTOLUENES	-1	-1
806 DICHLOROTOLUENES	0	4.8
807 MONOCHLOROBENZOTRIFLUORIDE	18	4.1
311 HEXACHLOROBUTADIENE	3	0
317 HEXACHLOROCYCLOPENTADIENE	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1
203 PHENOL	270000	20
809 TRICHLOROPHENOLS	15	0
812 HEXACHLOROCYCLOHEXANES (BHC)	0.43	0
813 MIREX	-1	-1
408 ENDOSULFAN 1.	0	0
502 ARSENIC	5	2
505 CHROMIUM	230	9.3
506 COPPER	1400	1700
507 LEAD	670	150
509 MERCURY	0.23	0.28
510 NICKEL	240	36
514 ZINC	19000	1500

TABLE 6

Hyde Park - Bedrock Wells
Average Concentrations (ug/L)

	<u>Well 1</u>	<u>Well 4</u>	<u>Well 7</u>
113 CHLOROFORM	0	4.4	0
120 TRICHLOROETHYLENE	2.5	0	1.3
127 1,1,2,2-TETRACHLOROETHYLENE	0	5.4	2
121 BENZENE	1.5	0	0.67
129 CHLOROBENZENE	0	0	0.67
301 DICHLOROBENZENES	0	0	0
802 TRICHLOROBENZENES	0	0	0
803 TETRACHLOROBENZENES	0	0	0
329 HEXACHLOROBENZENE	0	0	0
128 TOLUENE	0	0.8	0.83
805 MONOCHLOROTOLUENES	0	-1	-1
806 DICHLOROTOLUENES	0	0	0
807 MONOCHLOROBENZOTRIFLUORIDE	0	-1	0
311 HEXACHLOROBUTADIENE	0	0	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0
808 OCTACHLOROCYCLOPENTENE	0	-1	-1
203 PHENOL	22	19000	0
809 TRICHLOROPHENOLS	0	0	0
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	0.0033
813 MIREX	-1	-1	-1
408 ENDOSULFAN I.	-1	0	0
502 ARSENIC	-1	44	11
505 CHROMIUM	-1	26	16
506 COPPER	-1	1800	340
507 LEAD	-1	190	160
509 MERCURY	-1	1.7	0.12
510 NICKEL	-1	55	14
514 ZINC	-1	3000	4000

TABLE 6 (Cont'd)

Hyde Park - Bedrock Wells
Pollutant Concentrations (g/L)

	Well 11	Well 13	Well 16	Well 18	Well 20	Well 22
113 CHLOROFORM	0	2400	0	1000	0	0
120 TRICHLOROETHYLENE	4	2700	0	500	20	0
127 1,1,2,2-TETRACHLOROETHYLENE	0	3700	0	500	0	0
121 BENZENE	5	1400	0	270	4	0
129 CHLOROBENZENE	0	7200	0	1200	0	0
301 DICHLOROBENZENES	-1	-1	-1	-1	-1	-1
802 TRICHLOROBENZENES	-1	-1	-1	-1	-1	-1
803 TETRACHLOROBENZENES	-1	-1	-1	-1	-1	-1
329 HEXACHLOROBENZENE	-1	-1	-1	-1	-1	-1
128 TOLUENE	3	16000	0	1200	3	0
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	-1	-1	-1	-1	-1	-1
317 HEXACHLOROCYCLOPENTADIENE	-1	-1	-1	-1	-1	-1
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1	-1
203 PHENOL	0	50000	0	14000	0	20
809 TRICHLOROPHENOLS	-1	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	-1	-1	-1	-1	-1	-1
813 MIREX	-1	-1	-1	-1	-1	-1
408 ENDOSULFAN I.	-1	-1	-1	-1	-1	-1
502 ARSENIC	-1	-1	-1	-1	-1	-1
505 CHROMIUM	-1	-1	-1	-1	-1	-1
506 COPPER	-1	-1	-1	-1	-1	-1
507 LEAD	-1	-1	-1	-1	-1	-1
509 MERCURY	-1	-1	-1	-1	-1	-1
510 NICKEL	-1	-1	-1	-1	-1	-1
514 ZINC	-1	-1	-1	-1	-1	-1

TABLE 7

Hyde Park - Private Wells
Average Concentrations (µg/L)

	Armagost Well	Moziak Well	Tuttle Well
113 CHLOROFORM	0	0	-1
120 TRICHLOROETHYLENE	0.033	0.22	0.11
127 1,1,2,2-TETRACHLOROETHYLENE	0.78	0.7	0.5
121 BENZENE	0.83	0	-1
129 CHLOROBENZENE	0.85	0	0
301 DICHLOROBENZENES	0.006	0	0
802 TRICHLOROBENZENES	0.034	2.3	0
803 TETRACHLOROBENZENES	0	0	0
329 HEXACHLOROBENZENE	0	0	-1
128 TOLUENE	0.53	0.7	4.6
805 MONOCHLOROTOLUENES	0.24	0.21	0.04
806 DICHLOROTOLUENES	0	0.2	0
807 MONOCHLOROBENZOTRIFLUORIDE	0.077	0.053	0.13
311 HEXACHLOROCYCLOPENTADIENE	0.01	1.7	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0
808 OCTACHLOROCYCLOPENTADIENE	-1	-1	-1
203 PHENOL	0.88	0	-1
809 TRICHLOROPHENOLS	0	0	-1
812 HEXACHLOROCYCLOHEXANES (BHC)	0.018	0.04	0.08
813 MIREX	0.02	0.01	0
408 ENDO SULFAN 1.	0	0	-1
502 ARSENIC	26	3	-1
505 CHROMIUM	3.3	6	-1
506 COPPER	98	100	-1
507 LEAD	26	5	-1
509 MERCURY	0	0	-1
510 NICKEL	5.3	0	-1
514 ZINC	250	240	-1

TABLE 8

Hyde Park Well 1 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1101	9 14 79	HYDROSCIENCE
1143	4 8 80	A.D. LITTLE

ADL SAMPLE NO.	1101	1143	<u>Average</u>
113 CHLOROFORM	-1	0	0
120 TRICHLOROETHYLENE	0	5	2.5
127 1,1,2,2-TETRACHLOROETHYLENE	-1	0	0
121 BENZENE	0	3	1.5
124 CHLOROBENZENE	0	0	0
301 DICHLOROBENZENES	0	-1	0
802 TRICHLOROBENZENES	0	-1	0
803 TETRACHLOROBENZENES	0	-1	0
329 HEXACHLOROBENZENE	0	-1	0
128 TOLUENE	-1	0	0
805 MONOCHLOROTOLUENES	0	-1	0
806 DICHLOROTOLUENES	0	-1	0
807 MONOCHLOROBENZOTRIFLUORIDE	0	-1	0
311 HEXACHLOROBUTADIENE	0	-1	0
317 HEXACHLOROCYCLOPENTADIENE	0	-1	0
808 OCTACHLOROCYCLOPENTENE	0	-1	0
203 PHENOL	-1	22	22
809 TRICHLOROPHENOLS	0	-1	0
812 HEXACHLOROCYCLOHEXANES(BHC)	0	-1	0
813 MIREX	-1	-1	-1
408 ENDOSULFAN I.	-1	-1	-1
502 ARSENIC	-1	-1	-1
505 CHROMIUM	-1	-1	-1
506 COPPER	-1	-1	-1
507 LEAD	-1	-1	-1
509 MERCURY	-1	-1	-1
510 NICKEL	-1	-1	-1
514 ZINC	-1	-1	-1

TABLE 9

Hyde Park Well 2 (Overburden)
Pollutant Concentrations (µg/L)

SAMPLE NO. DATE ANALYST
1102 8 13 79 HYDROSCIENCE

ADL SAMPLE NO.	1102
113 CHLOROFORM	0
120 TRICHLOROETHYLENE	0
127 1,1,2,2-TETRACHLOROETHYLENE	0
121 BENZENE	0
129 CHLOROBENZENE	0
301 DICHLOROBENZENES	0
802 TRICHLOROBENZENES	0
803 TETRACHLOROBENZENES	-1
329 HEXACHLOROBENZENE	0
128 TOLUENE	0
805 MONOCHLOROTOLUENES	-1
806 DICHLOROTOLUENES	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1
311 HEXACHLOROBUTADIENE	0
317 HEXACHLOROCYCLOPENTADIENE	0
808 OCTACHLOROCYCLOPENTENE	-1
203 PHENOL	0
809 TRICHLOROPHENOLS	0
812 HEXACHLOROCYCLOHEXANES (BHC)	0
813 MIREX	-1
408 ENDOSULFAN I.	0
502 ARSENIC	8
505 CHROMIUM	0
506 COPPER	828
507 LEAD	340
509 MERCURY	0
510 NICKEL	80
514 ZINC	1820

TABLE 10

Hyde Park Well 3 (Interface)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1103	4 19 79	HYDROSCIENCE
1104	6 12 79	RAUJAN
1105	4 18 79	EPA
1124	6 12 79	EPA

ADL SAMPLE NO.	1103	1104	1105	1124	Average
113 CHLOROFORM	983	2000	1100	-1	1400
120 TRICHLOROETHYLENE	1090	990	720	-1	930
127 1,1,2,2-TETRACHLOROETHYLENE	393	430	500	-1	440
121 BENZENE	802	810	580	-1	730
129 CHLOROBENZENE	1516	1300	910	-1	1200
301 DICHLOROBENZENES	0	25.8	0	0	6.5
802 TRICHLOROBENZENES	0	0	0	0	0
803 TETRACHLOROBENZENES	-1	-1	0	-1	0
329 HEXACHLOROBENZENE	0	0	0	0	0
128 TOLUENE	1730	3100	4500	-1	3200
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	0	0	-1	0
807 MONOCHLOROBENZOTRIFLUORIDE	-1	18	-1	-1	18
311 HEXACHLOROBUTADIENE	0	0	0	0	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1
203 PHENOL	634512	52000	13000	312500	270000
809 TRICHLOROPHENOLS	0	0	0	53	15
812 HEXACHLOROCYCLOHEXANES (BHC)	0	0	1.25	-1	0.43
813 MIREX	-1	-1	-1	-1	-1
408 ENDOSULFAN 1%	0	0	0	-1	0
502 ARSENIC	-1	10	-1	0	5
505 CHROMIUM	680	2	-1	0	230
506 COPPER	1900	1000	-1	1200	1400
507 LEAD	1250	30	-1	670	670
509 MERCURY	-1	0	-1	0.45	0.23
510 NICKEL	600	61	-1	52	240
514 ZINC	44000	7300	-1	3700	19000

TABLE 11

Hyde Park Well 4 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1106	4 11 79	HYDROSCIENCE
1107	4 11 79	EPA
1108	4 19 79	HYDROSCIENCE
1109	4 18 79	EPA
1125	6 12 79	EPA
1144	4 8 80	A.D. LITTLE

ADL SAMPLE NO.	1106	1107	1108	1109	1125	1144	Average
113 CHLOROFORM	0	0	0	3	-1	19	4.4
120 TRICHLOROETHYLENE	0	0	0	0	-1	0	0
127 1,1,2,2-TETRACHLOROETHYLENE	0	0	27	0	-1	0	5.4
121 BENZENE	0	0	0	0	-1	0	0
129 CHLOROBENZENE	0	0	0	0	-1	0	0
301 DICHLOROBENZENES	0	0	0	0	0	-1	0
802 TRICHLOROBENZENES	0	0	0	0	0	-1	0
803 TETRACHLOROBENZENES	-1	0	-1	0	-1	-1	0
329 HEXACHLOROBENZENE	0	0	0	0	0	-1	0
128 TOLUENE	0	0	0	4	-1	0	0.8
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	0	-1	0	-1	-1	0
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	0	0	0	0	0	-1	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0	-1	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1	-1	-1
203 PHENOL	4208	9000	14133	23000	15930	49000	19000
809 TRICHLOROPHENOLS	0	0	0	0	0	-1	0
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	0	0	0	-1	0
813 MIREX	-1	-1	-1	-1	-1	-1	-1
408 ENDOSULFAN I.	0	0	0	0	0	-1	0
502 ARSENIC	2.8	-1	123	-1	6	-1	44
505 CHROMIUM	30	-1	28	-1	20	-1	26
506 COPPER	2860	-1	2480	-1	55	-1	1800
507 LEAD	196	-1	220	-1	140	-1	190
509 MERCURY	0	-1	0	-1	5.2	-1	1.7
510 NICKEL	62	-1	74	-1	30	-1	55
514 ZINC	3100	-1	2310	-1	3500	-1	3000

TABLE 12

Hyde Park Well 5 (Interface)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1110	4 19 79	HYDROSCIENCE
1111	6 12 79	RADIAN
1112	4 18 79	EPA
1126	6 12 79	EPA

ADL SAMPLE NO.	1110	1111	1112	1126	Average
113 CHLOROFORM	0	0	12	-1	4
120 TRICHLOROETHYLENE	15	0	0	-1	5
127 1,1,2,2-TETRACHLOROETHYLENE	0	3.1	0	-1	1
121 BENZENE	57	29	66	-1	51
129 CHLOROBENZENE	20	9	0	-1	9.7
301 DICHLOROBENZENES	0	0	0	0	0
802 TRICHLOROBENZENES	0	0	0	0	0
803 TETRACHLOROBENZENES	-1	-1	0	-1	0
329 HEXACHLOROBENZENE	0	0	0	0	0
128 TOLUENE	22	19	53	-1	31
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	9.5	0	-1	4.8
807 MONOCHLORODIBENZOTRIFLUORIDE	-1	4.1	-1	-1	4.1
311 HEXACHLORODIBUTADIENE	0	0	0	0	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1
203 PHENOL	345	200	2400	600	920
809 TRICHLOROPHENOLS	0	0	0	0	0
812 HEXACHLOROCYCLOHEXANES (UHC)	0	0	0	0	0
813 MRLX	-1	-1	-1	-1	-1
408 ENDOSULFAN 1.	0	0	0	0	0
502 ARSENIC	-1	4	-1	0	2
505 CHROMIUM	25	3	-1	0	9.3
506 COPPER	1220	2500	-1	1300	1700
507 LEAD	125	240	-1	110	180
509 MERCURY	-1	0	-1	0.55	0.28
510 NICKEL	62	27	-1	20	36
514 ZINC	1510	2200	-1	390	1500

TABLE 13

Hyde Park Well 6 (Overburden)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1113	4 11 79	HYDRUSCIENCE
1114	4 11 79	EPA
1115	4 19 79	HYDRUSCIENCE
1116	4 18 79	EPA
1117	6 12 79	KADIAN
1118	7 12 79	KADIAN
1127	6 12 79	EPA
1129	7 12 79	EPA

AOL SAMPLE NO.	1113	1114	1115	1116	1117	1118	1127	1129	Average
113 CHLOROFORM	717	190	69	-1	1600	1600	-1	1500	950
120 TRICHLOROETHYLENE	40	200	58	-1	620	450	-1	0	230
127 1,1,2,2-TETRACHLOROETHYLENE	514	400	558	-1	3800	2700	-1	0	1300
121 BENZENE	45	72	90	-1	98	170	-1	0	79
129 CHLOROBENZENE	305	170	212	-1	1200	1800	-1	0	610
301 DICHLOROBENZENES	41	0	29	54	520	3300	0	590	570
802 TRICHLOROBENZENES	49	14	143	370	1100	64000	0	3000	8600
803 TETRACHLOROBENZENES	-1	90	-1	220	-1	-1	-1	-1	160
329 HEXACHLOROBENZENE	39	0	48	71	700	25000	0	0	3200
128 TOLUENE	847	700	400	-1	4600	2400	-1	0	1500
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	140	-1	1040	5100	-1	-1	-1	2100
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	60	-1	-1	-1	65
311 HEXACHLOROCYCLOPENTADIENE	20	0	39	120	2000	41000	770	700	5600
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0	0	0	0	0
808 OCTACHLOROCYCLOPENTADIENE	-1	-1	-1	-1	-1	-1	-1	-1	-1
203 PHENOL	470	590	142	770	1200	2100	1883	840	1000
809 TRICHLOROPHENOLS	330	0	133	37	630	9000	0	0	1300
812 HEXACHLOROCYCLOHEXANES (BHC)	249	0	152	0	190	0	1810	0	300
813 MIREX	158	-1	10	-1	-1	-1	620	-1	260
408 ENDOSULFAN I.	0	0	0	0	0	0	0	0	0
502 ARSENIC	-1	-1	52	-1	40	66	20	-1	46
505 CHROMIUM	452	-1	14	-1	30	120	10	-1	140
506 COPPER	1000	-1	134	-1	1100	1300	340	-1	770
507 LEAD	1360	-1	100	-1	3200	4100	760	-1	1900
509 MERCURY	-1	-1	0	-1	0	0	0.74	-1	0.19
510 NICKEL	362	-1	48	-1	130	590	51	-1	240
514 ZINC	64800	-1	5380	-1	34000	130000	20000	-1	51000

TABLE 14

Hyde Park Well 7 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1119	4 11 79	HYDROSCIENCE
1120	4 11 79	EPA
1121	4 19 79	HYDROSCIENCE
1122	4 18 79	EPA
1123	6 12 79	RADIAN
1128	6 12 79	EPA
1140	4 8 80	A.D. LITTLE

ADL SAMPLE NO.	1119	1120	1121	1122	1123	1128	1140	Average
113 CHLOROFORM	0	0	0	0	0	-1	0	0
120 TRICHLOROETHYLENE	0	0	0	0	0	-1	8	1.3
127 1,1,2,2-TETRACHLOROETHYLENE	0	0	0	0	0	-1	12	2
121 BENZENE	0	0	0	0	0	-1	4	0.67
129 CHLOROBENZENE	0	0	0	0	0	-1	4	0.67
301 DICHLOROBENZENES	0	0	0	0	0	0	-1	0
802 TRICHLOROBENZENES	0	0	0	0	0	0	-1	0
803 TETRACHLOROBENZENES	-1	0	-1	0	-1	-1	-1	0
329 HEXACHLOROBENZENE	0	0	0	0	0	0	-1	0
128 TOLUENE	0	0	0	0	0	-1	5	0.83
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	0	-1	0	0	-1	-1	0
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	0	-1	-1	0
311 HEXACHLOROBUTADIENE	0	0	0	0	0	0	-1	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0	0	-1	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1	-1	-1	-1
203 PHENOL	0	0	0	0	0	0	0	0
809 TRICHLOROPHENOLS	0	0	0	0	0	0	-1	0
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0.02	0	0	0	0	-1	0.003
813 MIREX	-1	-1	-1	-1	-1	-1	-1	-1
408 ENDOSULFAN I.	0	0	0	0	0	0	-1	0
502 ARSENIC	11.5	-1	-1	-1	12	8	-1	11
505 CHROMIUM	6	-1	14	-1	23	20	-1	16
506 COPPER	374	-1	260	-1	410	320	-1	340
507 LEAD	40	-1	33	-1	420	160	-1	160
509 MERCURY	0	-1	-1	-1	0	0.35	-1	0.12
510 NICKEL	20	-1	16	-1	0	20	-1	14
514 ZINC	1940	-1	2020	-1	6600	5400	-1	4000

TABLE 15

Hyde Park Well 11 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1141	4 8 80	A.D. LITTLE

ADL SAMPLE NO.	1141
113 CHLOROFORM	0
120 TRICHLOROETHYLENE	4
127 1,1,2,2-TETRACHLOROETHYLENE	0
121 BENZENE	5
129 CHLOROBENZENE	0
301 DICHLOROBENZENES	-1
802 TRICHLOROBENZENES	-1
803 TETRACHLOROBENZENES	-1
329 HEXACHLOROBENZENE	-1
128 TOLUENE	3
805 MONOCHLOROTOLUENES	-1
806 DICHLOROTOLUENES	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1
311 HEXACHLOROBUTADIENE	-1
317 HEXACHLOROCYCLOPENTADIENE	-1
808 OCTACHLOROCYCLOPENTADIENE	-1
203 PHENOL	0
809 TRICHLOROPHENOLS	-1
812 HEXACHLOROCYCLOHEXANES (BHC)	-1
813 MIREX	-1
408 ENDOSULFAN I.	-1
502 ARSENIC	-1
505 CHROMIUM	-1
506 COPPER	-1
507 LEAD	-1
509 MERCURY	-1
510 NICKEL	-1
514 ZINC	-1

TABLE 16

Hyde Park Well 13 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1145	4 8 80	A.O. LITTLE

ADL SAMPLE NO.	1145
113 CHLOROFORM	2400
120 TRICHLOROETHYLENE	2700
127 1,1,2,2-TETRACHLOROETHYLENE	3700
121 BENZENE	1400
129 CHLOROBENZENE	7200
301 DICHLOROBENZENES	-1
802 TRICHLOROBENZENES	-1
803 TETRACHLOROBENZENES	-1
329 HEXACHLOROBENZENE	-1
128 TOLUENE	16000
805 MONOCHLOROTOLUENES	-1
806 DICHLOROTOLUENES	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1
311 HEXACHLOROBUTADIENE	-1
317 HEXACHLOROCYCLOPENTADIENE	-1
808 OCTACHLOROCYCLOPENTENE	-1
203 PHENOL	500000
809 TRICHLOROPHENOLS	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	-1
813 MIREX	-1
408 ENDSULFAN I.	-1
502 ARSENIC	-1
505 CHROMIUM	-1
506 COPPER	-1
507 LEAD	-1
509 MERCURY	-1
510 NICKEL	-1
514 ZINC	-1

TABLE 17

Hyde Park Well 16 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1148	4 10 80	A.D. LITTLE

ADL SAMPLE NO.	1148
113 CHLOROFORM	0
120 TRICHLOROETHYLENE	0
127 1,1,2,2-TETRACHLOROETHYLENE	0
121 BENZENE	0
129 CHLOROBENZENE	0
301 DICHLOROBENZENES	-1
802 TRICHLOROBENZENES	-1
803 TETRACHLOROBENZENES	-1
329 HEXACHLOROBENZENE	-1
128 TOLUENE	0
805 MONOCHLOROTOLUENES	-1
806 DICHLOROTOLUENES	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1
311 HEXACHLOROBUTADIENE	-1
317 HEXACHLOROCYCLOPENTADIENE	-1
808 OCTACHLOROCYCLOPENTENE	-1
203 PHENOL	0
809 TRICHLOROPHENOLS	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	-1
813 MIREX	-1
408 ENDOSULFAN I.	-1
502 ARSENIC	-1
505 CHROMIUM	-1
506 COPPER	-1
507 LEAD	-1
509 MERCURY	-1
510 NICKEL	-1
514 ZINC	-1

TABLE 18

Hyde Park Well 18 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO. DATE ANALYST
1146 4 8 80 A.J. LITTLE

ADL SAMPLE NO.	1146
113 CHLOROFORM	1000
120 TRICHLOROETHYLENE	500
127 1,1,2,2-TETRACHLOROETHYLENE	900
121 BENZENE	270
129 CHLOROBENZENE	1200
301 DICHLOROBENZENES	-1
802 TRICHLOROBENZENES	-1
803 TETRACHLOROBENZENES	-1
329 HEXACHLOROBENZENE	-1
128 TOLUENE	3200
805 MONOCHLOROTOLUENES	-1
806 DICHLOROTOLUENES	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1
311 HEXACHLOROBTADIENE	-1
317 HEXACHLOROCYCLOPENTADIENE	-1
808 OCTACHLOROCYCLOPENTENE	-1
203 PHENOL	14000
809 TRICHLOROPHENOLS	-1
812 HEXACHLOROCYCLOHEXANES (BHC)	-1
813 MIREX	-1
408 ENDOSULFAN I.	-1
502 ARSENIC	-1
505 CHROMIUM	-1
506 COPPER	-1
507 LEAD	-1
509 MERCURY	-1
510 NICKEL	-1
514 ZINC	-1

HCH - not tested

TABLE 19

Hyde Park Well 20 (Bedrock)
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1142	4 8 80	A.D. LITTLE

ADL SAMPLE NO.	1142
113 CHLOROFORM	0
120 TRICHLOROETHYLENE	2
127 1,1,2,2-TETRACHLOROETHYLENE	0
121 BENZENE	4
129 CHLOROBENZENE	0
301 DICHLOROBENZENES	-1
802 TRICHLOROBENZENES	-1
803 TETRACHLOROBENZENES	-1
329 HEXACHLOROBENZENE	-1
128 TOLUENE	3
805 MONOCHLOROTOLUENES	-1
806 DICHLOROTOLUENES	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1
311 HEXACHLOROBUTADIENE	-1
317 HEXACHLOROCYCLOPENTADIENE	-1
808 OCTACHLOROCYCLOPENTENE	-1
203 PHENOL	0
809 TRICHLOROPHENOLS	-1
812 HEXACHLOROCYCLOHEXANES (BHC)	-1
813 MIREX	-1
408 ENDOSULFAN I.	-1
502 ARSENIC	-1
505 CHROMIUM	-1
506 COPPER	-1
507 LEAD	-1
509 MERCURY	-1
510 NICKEL	-1
514 ZINC	-1

TABLE 20

Hyde Park Well 22 (Bedrock)
Pollutant Concentrations (ug/L)

SAMPLE NO.	DATE	ANALYST
1147	4 8 80	A.D. LITTLE

ADL SAMPLE NO.	1147
113 CHLOROFORM	0
120 TRICHLOROETHYLENE	0
127 1,1,2,2-TETRACHLOROETHYLENE	0
121 BENZENE	0
129 CHLOROBENZENE	0
301 DICHLOROBENZENES	-1
802 TRICHLOROBENZENES	-1
803 TETRACHLOROBENZENES	-1
329 HEXACHLOROBENZENE	-1
128 TOLUENE	0
805 MONOCHLOROTOLUENES	-1
806 DICHLOROTOLUENES	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1
311 HEXACHLOROBUTADIENE	-1
317 HEXACHLOROCYCLOPENTADIENE	-1
808 OCTACHLOROCYCLOPENTENE	-1
203 PHENOL	20
809 TRICHLOROPHENOLS	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	-1
813 MIREX	-1
408 ENDOSULFAN I.	-1
502 ARSENIC	-1
505 CHROMIUM	-1
506 COPPER	-1
507 LEAD	-1
509 MERCURY	-1
510 NICKEL	-1
514 ZINC	-1

TABLE 21

Hyde Park Private Well - Armagost Residence
Pollutant Concentrations (µg/L)

SAMPLE NO.	DATE	ANALYST
1130	12 13 78	CARBURUNDUM
1131	6 12 79	RADIAN
1132	7 12 79	RADIAN
1136	7 12 79	EFA
1139	11 14 78	HLOCKEN

ADL SAMPLE NO.	1130	1131	1132	1136	1139	Average
113 CHLOROFORM	0	0	0	-1	-1	0
120 TRICHLOROTHYLENE	0	0	0	-1	0.13	0.033
127 1,1,2,2-TETRACHLOROETHYLENE	0	0	0	-1	0.1	0.78
121 BENZENE	0	0	2.5	-1	-1	0.83
129 CHLOROBENZENE	0	0	3.4	-1	0	0.85
301 DICHLOROBENZENES	0	0	0	0	0.03	0.006
802 TRICHLOROBENZENES	0	0	0	0	0.17	0.034
803 TETRACHLOROBENZENES	-1	-1	-1	-1	0	0
329 HEXACHLOROBENZENE	0	0	0	0	-1	0
128 TOLUENE	0	0	0	-1	2.1	0.53
805 MONOCHLOROTOLUENES	0	-1	-1	-1	0.43	0.24
806 DICHLOROTOLUENES	0	0	-1	-1	0	0
807 MONOCHLOROBENZOTRIFLUORIDE	0	0	-1	-1	0.23	0.077
311 HEXACHLOROBUTADIENE	0	0	0	0	0.03	0.01
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1	-1
203 PHENOL	0	3.5	0	0	-1	0.88
809 TRICHLOROPHENOLS	0	0	0	0	-1	0
812 HEXACHLOROCYCLOHEXANES (DHC)	0	0	0	0	0.09	0.018
813 MIREX	-1	-1	-1	-1	0.02	0.02
408 ENDSULFAN 1.	0	0	0	0	-1	0
502 ARSENIC	4	2	72	-1	-1	26
505 CHROMIUM	0	0	10	-1	-1	3.3
506 COPPER	15	170	110	-1	-1	98
507 LEAD	0	30	47	-1	-1	26
509 MERCURY	0	0	0	-1	-1	0
510 NICKEL	4	0	12	-1	-1	5.3
514 ZINC	15	140	500	-1	-1	250

TABLE 22

Hyde Park Private Well - Maziak Residence
Pollutant Concentration (ug/L)

SAMPLE NO.	DATE	ANALYST
1133	12 13 78	HUCKER
1134	6 12 79	RADIAN
1138	11 14 78	HUCKER

ADL SAMPLE NO.	1133	1134	1138	Average
113 CHLOROFORM	-1	0	-1	0
120 TRICHLOROETHYLENE	0	0	0.07	0.22
127 1,1,2,2-TETRACHLOROETHYLENE	0	0	2.1	0.7
121 BENZENE	-1	0	-1	0
129 CHLOROBENZENE	0	0	0	0
301 DICHLOROBENZENES	0	0	0	0
802 TRICHLOROBENZENES	-1	4.5	0.10	2.3
803 TETRACHLOROBENZENES	-1	-1	0	0
329 HEXACHLOROBENZENE	-1	0	-1	0
128 TOLUENE	0	0	2.1	0.7
805 MONOCHLOROTOLUENES	0	-1	0.41	0.21
806 DICHLOROTOLUENES	0	0.0	0	0.2
807 MONOCHLOROBENZOTRIFLUORIDE	0	0	0.15	0.053
311 HEXACHLOROBUTADIENE	-1	3.3	0.03	1.7
317 HEXACHLOROCYCLOPENTADIENE	-1	0	0	0
808 OCTACHLOROCYCLOPENTADIENE	-1	-1	-1	-1
203 PHENOL	-1	0	-1	0
809 TRICHLOROPHENOLS	-1	0	-1	0
812 HEXACHLOROCYCLOHEXANES(BHC)	-1	0	0.03	0.04
813 MIREX	-1	-1	0.01	0.01
408 ENDSULFAN I.	-1	0	-1	0
502 ARSENIC	-1	3	-1	3
505 CHROMIUM	-1	0	-1	0
506 COPPER	-1	100	-1	100
507 LEAD	-1	5	-1	5
509 MERCURY	-1	0	-1	0
510 NICKEL	-1	0	-1	0
514 ZINC	-1	240	-1	240

TABLE 23

Hyde Park Private Well - Tuttle Residence
Pollutant Concentration (µg/L)

SAMPLE NO.	DATE	ANALYST
1135	12 13 78	HOOKER
1137	11 14 78	HOOKER

ADL SAMPLE NO.	1135	1137	<u>Average</u>
113 CHLOROFORM	-1	-1	-1
120 TRICHLOROETHYLENE	0	0.21	0.11
127 1,1,2,2-TETRACHLOROETHYLENE	1	0	0.5
121 BENZENE	-1	-1	-1
129 CHLOROBENZENE	0	0	0
301 DICHLOROBENZENES	0	0	0
802 TRICHLOROBENZENES	-1	0	0
803 TETRACHLOROBENZENES	-1	0	0
329 HEXACHLOROBENZENE	-1	-1	-1
128 TOLUENE	9	0.23	4.6
805 MONOCHLOROTOLUENES	0	0.08	0.04
806 DICHLOROTOLUENES	0	0	0
807 MONOCHLOROBENZOTRIFLUORIDE	0	0.25	0.13
311 HEXACHLOROCYCLOPENTADIENE	-1	0	0
317 HEXACHLOROCYCLOPENTADIENE	-1	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1
203 PHENOL	-1	-1	-1
809 TRICHLOROPHENOLS	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES (BHC)	-1	0.08	0.08
813 MIREX	-1	0	0
408 ENDOSULFAN 1.	-1	-1	-1
502 ARSENIC	-1	-1	-1
505 CHROMIUM	-1	-1	-1
506 COPPER	-1	-1	-1
507 LEAD	-1	-1	-1
509 MERCURY	-1	-1	-1
510 NICKEL	-1	-1	-1
514 ZINC	-1	-1	-1

2. Hyde Park Non-Well Data (Samples 1201-1232)

The second half of this Hyde Park section contains data for the non-well samples taken and analyzed by Hooker contractors or federal/state authorities. This includes soil samples taken on or near the landfill, samples from the leachate collection system, and various aqueous or sediment samples taken from Bloody Run; these data are presented in Tables 24 through 27.

TABLE 24

Hyde Park Landfill - Soil Samples
Pollutant Concentrations (µg/Kg)

SAMPLE NO.	LOCATION	DATE	ANALYST
1201	LDPL/NW CORNER	4 12 79	HYDROSCIENCE
1202	LDPL/N BELVEDERE	4 12 79	HYDROSCIENCE
1203	LDPL/N BELVEDERE	4 12 79	HYDROSCIENCE
1206	LDPL	4 12 79	EPA

ADL SAMPLE NO.	1201	1202	1203	1206
113 CHLOROFORM	-1	0	0	130
120 TRICHLOROETHYLENE	-1	70	46	89
127 1,1,2,2-TETRACHLOROETHYLENE	-1	24	112	0
121 BENZENE	-1	0	56	72
129 CHLOROBENZENE	-1	0	42	0
301 DICHLOROBENZENES	0	0	144	-1
802 TRICHLOROBENZENES	0	0	0	-1
803 TETRACHLOROBENZENES	-1	-1	-1	-1
329 HEXACHLOROBENZENE	0	0	10690	-1
128 TOLUENE	-1	0	45	0
805 MONOCHLOROTOLUENES	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	0	0	2250	-1
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	-1
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1
203 PHENOL	11030	0	450	-1
809 TRICHLOROPHENOLS	104	0	0	-1
812 HEXACHLOROCYCLOHEXANES (HCH)	13	0	0	-1
813 MIREX	-1	-1	6730	-1
408 ENDOSULFAN I.	0	0	0	-1
502 ARSENIC	-1	-1	90000	-1
505 CHROMIUM	-1	210	66000	-1
506 COPPER	-1	3.5	55000	-1
507 LEAD	-1	46	63000	-1
509 MERCURY	-1	-1	540	-1
510 NICKEL	-1	21	47000	-1
514 ZINC	-1	108	312000	-1

TABLE 24 (Cont'd)

Hyde Park Landfill - Soil Samples
Pollutant Concentrations (ug/Kg)

SAMPLE NO.	LOCATION	DATE	ANALYST
1204	LOFL/S OF NW CORNER OF 4 DITCH/SS1	6 13 79	RADIAN
1205	LOFL/S OF NW CORNER OF 4 DITCH/SS2	6 13 79	RADIAN
1213	LOFL/165 FT E MANHOLE S/SS3	6 13 79	RADIAN
1214	LOFL/100 FT E MANHOLE S/SS4	6 13 79	RADIAN

ADL SAMPLE NO.	1204	1205	1213	1214
113 CHLOROFORM	0	290	0	0
120 TRICHLOROETHYLENE	16	330	650	740
127 1,1,2,2-TETRACHLOROETHYLENE	77	2300	80	69
121 BENZENE	0	230	0	0
129 CHLOROBENZENE	51	450	0	0
301 DICHLOROBENZENES	0	0	0	0
802 TRICHLOROBENZENES	0	1100	0	0
803 TETRACHLOROBENZENES	-1	-1	-1	-1
329 HEXACHLOROBENZENE	220	5000	0	0
128 TOLUENE	100	1500	0	0
805 MONOCHLOROTOLUENES	-1	-1	-1	-1
806 DICHLOROTOLUENES	0	4200	0	0
807 MONOCHLOROBENZOTRIFLUORIDE	0	77000	0	0
311 HEXACHLOROBUTADIENE	0	4700	0	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1
203 PHENOL	95	440	0	0
809 TRICHLOROPHENOLS	400	5900	0	0
812 HEXACHLOROCYCLOHEXANES(BHC)	0	14500	100	0
813 MIREX	-1	-1	-1	-1
408 ENDOSULFAN I.	0	0	0	0
502 ARSENIC	11000	13000	13000	14000
505 CHROMIUM	22000	35000	35000	35000
506 COPPER	21000	48000	27000	29000
507 LEAD	23000	140000	19000	23000
509 MERCURY	0	0	0	0
510 NICKEL	22000	35000	29000	31000
514 ZINC	200000	500000	75000	92000

TABLE 25

Hyde Park Leachate
Pollutant Concentrations (ug/L)

SAMPLE NO.	LOCATION	DATE	ANALYST
1207	LCHT/BOTTOM LAYER	1 26 79	CARBORUNDUM
1208	LCHT	7 12 79	RADIAN
1209	LCHT	2 28 78	N Y STATE
1210	LCHT	7 12 79	EPA

ADL SAMPLE NO.	1207	1208	1209	1210
113 CHLOROFORM	18500	3500	9800	940
120 TRICHLOROETHYLENE	2750	3200	2400	550
127 1,1,2,2-TETRACHLOROETHYLENE	6850	6700	3400	690
121 BENZENE	3500	5500	6000	370
129 CHLOROBENZENE	1850	2000	-1	0
301 DICHLOROBENZENES	79	0	-1	123
802 TRICHLOROBENZENES	63	0	-1	180
803 TETRACHLOROBENZENES	-1	-1	-1	-1
329 HEXACHLOROBENZENE	0	0	-1	0
128 TOLUENE	7850	2300	8000	960
805 MONOCHLOROTOLUENES	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	0	0	-1	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	-1	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1
203 PHENOL	24000	82000	-1	3200
809 TRICHLOROPHENOLS	700	2000	-1	0
812 HEXACHLOROCYCLOHEXANES (DHC)	0	161	-1	530
813 MIREX	-1	-1	-1	-1
408 ENDOSULFAN 1.	0	0	-1	0
502 ARSENIC	20	49	-1	-1
505 CHROMIUM	25	71	-1	-1
506 COPPER	67	61	-1	-1
507 LEAD	0	620	-1	-1
509 MERCURY	1	0	-1	-1
510 NICKEL	5700	20000	-1	-1
514 ZINC	2200	2800	-1	-1

TABLE 26

Bloody Run - Water Samples
Pollutant Concentrations (ug/L)

SAMPLE NO.	LOCATION	DATE	ANALYST
1212	BR	7 12 79	RAJIAN
1215	BR	4 12 79	EPA
1216	BR	7 12 79	EPA
1223	BR/N LOFL	3 31 79	EPA
1224	BR/POWER AUTH RD	3 31 79	EPA
1225	BR/50 FT N POWER AUTH RD	3 31 79	EPA
1226	BR/50 FT N GRIEF DRUGS., SHERMAN AVE	3 31 79	EPA
1227	BR/POWER AUTH RD (69TH AVE)	3 31 79	EPA

ADL SAMPLE NO.	1212	1215	1216	1223	1224	1225	1226	1227
113 CHLOROFORM	3	0	-1	1.2	16	20	5.8	0
120 TRICHLOROETHYLENE	4	150	-1	2.8	9.0	19	16	0
127 1,1,2,2-TETRACHLOROETHYLENE	3	0	-1	3.5	23	105	27	0
121 BENZENE	0	0	-1	-1	7.8	11	3.3	0
129 CHLOROBENZENE	0	8	-1	0.4	6.4	18	4.9	0
301 DICHLOROBENZENES	0	-1	0	0	0	0	0	0
802 TRICHLOROBENZENES	4.2	-1	0	1.3	7.7	24	6.5	0
803 TETRACHLOROBENZENES	-1	-1	-1	9	3	9	20	0
329 HEXACHLOROBENZENE	2.2	-1	0	0	0	0	0	0
128 TOLUENE	0	79	-1	1.2	45	100	22	0
805 MONOCHLOROTOLUENES	-1	-1	-1	10	0	60	10	0
806 DICHLOROTOLUENES	-1	-1	-1	1	10	50	15	0
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	1.7	-1	0	0	0	0	0	0
317 HEXACHLOROCYCLOPENTADIENE	0	-1	0	0	0	0	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1	-1	-1	-1
203 PHENOL	0	-1	54	-1	500	-1	-1	-1
809 TRICHLOROPHENOLS	0	-1	0	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	2	-1	2.47	25	60	30	13	0
813 MIREX	-1	-1	-1	-1	-1	-1	-1	-1
408 ENDOSULFAN I.	0	-1	0	-1	-1	-1	-1	-1
502 ARSENIC	3	-1	-1	-1	-1	-1	-1	-1
505 CHROMIUM	4	-1	-1	-1	-1	-1	-1	-1
506 COPPER	55	-1	-1	-1	-1	-1	-1	-1
507 LEAD	5	-1	-1	-1	-1	-1	-1	-1
509 MERCURY	0	-1	-1	-1	-1	-1	-1	-1
510 NICKEL	4	-1	-1	-1	-1	-1	-1	-1
514 ZINC	33	-1	-1	-1	-1	-1	-1	-1

TABLE 27

Bloody Run - Sediment Samples
Pollutant Concentrations ($\mu\text{g/Kg}$)

SAMPLE NO.	LOCATION	DATE	ANALYST
1211	BR/N SHERMAN	12 13 78	CARBORUNDUM
1217	BR/NW CORNER LOFL	6 14 79	RADIAN
1218	BR/CENTERLINE/S SHERMAN	6 14 79	RADIAN
1219	BR/12 FT E OF SAMPLE 1218	6 14 79	RADIAN
1220	BR/N BELVEDERE AT CULVERT	6 14 79	RADIAN
1221	BR/MANHOLE N UNIVERSITY DR	6 14 79	RADIAN
1222	BR/BOTTOM OF NR GORGE	6 14 79	RADIAN
1228	BR/N LOFL	3 31 79	EPA
1229	BR/POWER AUTH RD	3 31 79	EPA
1230	BR/50 FT N POWER AUTH RD	3 31 79	EPA
1231	BR/50 FT N GRIEF BRUS., SHERMAN AVE	3 31 79	EPA
1232	BR/POWER AUTH RD (69TH AVE)	3 31 79	EPA

ADL SAMPLE NO.	1211	1217	1218	1219	1220
113 CHLOROFORM	-1	0	1700	0	0
120 TRICHLOROETHYLENE	-1	0	22000	0	0
127 1,1,2,2-TETRACHLOROETHYLENE	-1	0	59000	0	0
121 BENZENE	-1	0	940	0	0
129 CHLOROBENZENE	-1	0	10000	0	0
301 DICHLOROBENZENES	6950	0	3900	0	0
802 TRICHLOROBENZENES	27000	0	71000	0	0
803 TETRACHLOROBENZENES	-1	-1	-1	-1	-1
329 HEXACHLOROBENZENE	0	0	36000	0	0
128 TOLUENE	-1	0	31000	0	0
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	16000	0	58000	0	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1
203 PHENOL	2000	0	0	0	0
809 TRICHLOROPHENOLS	2500	0	36000	0	0
812 HEXACHLOROCYCLOHEXANES (BHC)	3600	0	0	0	0
813 MIREX	-1	-1	-1	-1	-1
408 ENDOSULFAN 1.	0	0	0	0	0
502 ARSENIC	9	9100	11000	11000	10000
505 CHROMIUM	0	26000	31000	21000	30000
506 COPPER	26	39000	65000	26000	25000
507 LEAD	0	110000	180000	3700	170000
509 MERCURY	0	0	0	0	0
510 NICKEL	24	32000	41000	23000	21000
514 ZINC	8	170000	310000	58000	64000

TABLE 27 (Cont'd)

Bloody Run - Sediment Samples
Pollutant Concentrations (µg/Kg)

ADL SAMPLE NO.	1221	1222	1228	1229	1230	1231	1232
113 CHLOROFORM	480	0	-1	-1	-1	-1	-1
120 TRICHLOROETHYLENE	2300	0	-1	-1	-1	-1	-1
127 1,1,2,2-TETRACHLOROETHYLENE	13000	0	-1	-1	-1	-1	-1
121 BENZENE	400	0	-1	-1	-1	-1	-1
129 CHLOROBENZENE	4100	0	-1	-1	-1	-1	-1
301 DICHLOROBENZENES	13000	0	0	0	0	0	0
802 TRICHLOROBENZENES	20000	34	560	1300	1900	3350	0
803 TETRACHLOROBENZENES	-1	-1	-1	-1	-1	-1	-1
329 HEXACHLOROBENZENE	26000	6300	810	0	1300	18000	0
128 TOLUENE	11000	0	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	0	0	4500	12000	0
807 MONOCHLORODIBENZOTRIFLUORIDE	-1	-1	-1	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	20000	1100	0	0	0	0	0
317 HEXACHLOROCYCLOPENTADIENE	0	0	0	0	0	0	0
808 OCTACHLOROCYCLOPENTENE	-1	-1	-1	-1	-1	-1	-1
203 PHENOL	740	110	-1	-1	-1	-1	-1
809 TRICHLOROPHENOLS	20000	0	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES (BHC)	0	0	-1	-1	-1	-1	-1
813 MIREX	-1	-1	500	1300	1700	9000	0
408 ENDOSULFAN I.	0	0	-1	-1	-1	-1	-1
502 ARSENIC	13000	18000	-1	-1	-1	-1	-1
505 CHROMIUM	56000	85000	-1	-1	-1	-1	-1
506 COPPER	38000	44000	-1	-1	-1	-1	-1
507 LEAD	180000	420000	-1	-1	-1	-1	-1
509 MERCURY	0	0	-1	-1	-1	-1	-1
510 NICKEL	32000	32000	-1	-1	-1	-1	-1
514 ZINC	430000	480000	-1	-1	-1	-1	-1

APPENDIX

This appendix includes some additional data for the samples presented in the main portion of this report. For each of the sample categories (Hyde Park wells, Hyde Park/Bloody Run), there is a list of all pollutants analysed for in at least one sample from each location category but never detected, a list of all samples with relevant sampling and analysis information, and finally the analytical data for all chemicals detected at least once in that specific sample category. In using the list of "not detecteds", it should be remembered that the detection limits range from less than 1 ppb to 10 ppb (see Table 1). For example, TCDD is listed as not detected, but the detection limit for the analysis performed was on the order of 10 ppb.

It should be noted that incomplete resolution of peaks very often required that a number of pollutants be reported as one. This occurred with the following pollutants:

Compound No.

301-303	Dichlorobenzene isomers
331	Anthracene
332	Phenanthrene
338	Bis(2-ethylhexyl)phthalate
339	Di-n-octyl phthalate
340	Chrysene
341	Benzo(a)anthracene
343	Benzo(b)fluoranthene
344	Benzo(k)fluoranthene

For these pollutants, the reported concentration is usually the sum of the concentrations for the unresolved peaks; this total concentration is repeated for each pollutant.

It should also be remembered that for compounds 802 Trichlorobenzenes, 809 Trichlorophenols, and 812 Hexachlorocyclohexanes (BHC), the values given are the sums of the specific isomers included in the priority pollutant protocol and any other isomers for which the analyses were performed.

Hyde Park/Well Samples (1101-1148)
Pollutants Analyzed For But Not Detected

102	DICHLORODIFLUOROMETHANE	330	4-BROMOPHENYL PHENYL ETHER
103	BROMOMETHANE	334	FLUORANTHENE
104	VINYL CHLORIDE	335	PYRENE
107	ACROLEIN	336	BENZIDINE
109	ACRYLONITRILE	340	CHRYSENE
111	1,1-DICHLOROETHANE	341	BENZO(A)ANTHRACENE
117	BROMODICHLOROMETHANE	342	3,3'-DICHLOROBENZIDINE
119	TRANS-1,3-DICHLOROPROPYLENE	343	BENZO(B)FLUORANTHENE
125	BROMOFORM	344	BENZO(K)FLUORANTHENE
202	2-NITROPHENOL	345	BENZO(A)PYRENE
207	4-CHLORO-3-CRESOL	346	INDENO(1,2,3-C,D) PYRENE
208	2,4-DINITROPHENOL	347	DIBENZO (A,H) ANTHRACENE
209	4,6-DINITRO-2-CRESOL	348	BENZO (G,H,I) PERYLENE
211	4-NITROPHENOL	349	TCDD
305	BIS(CHLOROMETHYL) ETHER	403	HEPTACHLOR
306	BIS(2-CHLOROETHYL) ETHER	406	ALDRIN
307	BIS(2-CHLOROISOPROPYL) ETHER	407	HEPTACHLOR EPOXIDE
308	N-NITROSODIMETHYLAMINE	408	ENDOSULFAN I.
309	NITROSODI-N-PROPYLAMINE	410	DIELDRIN
310	NITROBENZENE	411	ENDRIN
313	2-CHLOROETHYL VINYL ETHER	413	ENDOSULFAN II
314	BIS(2-CHLOROETHOXY) METHANE	414	DDT
315	NAPHTHALENE	415	ENDRIN ALDEHYDE
316	ISOPHORONE	416	ENDOSULFAN SULFATE
317	HEXACHLOROCYCLOPENTADIENE	417	CHLORDANE
318	2-CHLORONAPHTHALENE	418	TOXAPHENE
319	ACENAPHTHYLENE	419	PCB-1221
320	ACENAPHTHENE	420	PCB-1232
321	DIMETHYL PHTHALATE	422	PCB-1248
322	2,6-DINITROTOLUENE	423	PCB-1254
323	4-CHLOROPHENYL PHENYL ETHER	424	PCB-1260
325	2,4-DINITROTOLUENE	425	PCB-1016
327	1,2-DIPHENYLHYDRAZINE	808	OCTACHLOROCYCLOPENTENE
328	N-NITROSODIPHENYLAMINE		

Hyde Park/Well Samples

<u>ADL #</u>	<u>Location</u>	<u>Date</u>	<u>Analyst</u>
1101	1 (B)*	9 14 79	HYDROSCIENCE
1102	2 (O)	8 13 79	HYDROSCIENCE
1103	3 (I)	4 19 79	HYDROSCIENCE
1104	3 (I)	6 12 79	RADIAN
1105	3 (I)	4 18 79	EPA
1106	4 (B)	4 11 79	HYDROSCIENCE
1107	4 (B)	4 11 79	EPA
1108	4 (B)	4 19 79	HYDROSCIENCE
1109	4 (B)	4 18 79	EPA
1110	5 (I)	4 19 79	HYDROSCIENCE
1111	5 (I)	6 12 79	RADIAN
1112	5 (I)	4 18 79	EPA
1113	6 (O)	4 11 79	HYDROSCIENCE
1114	6 (O)	4 11 79	EPA
1115	6 (O)	4 19 79	HYDROSCIENCE
1116	6 (O)	4 18 79	EPA
1117	6 (O)	6 12 79	RADIAN
1118	6 (O)	7 12 79	RADIAN
1119	7 (P)	4 11 79	HYDROSCIENCE
1120	7 (B)	4 11 79	EPA
1121	7 (P)	4 19 79	HYDROSCIENCE
1122	7 (B)	4 18 79	EPA
1123	7 (B)	6 12 79	RADIAN
1124	3 (I)	6 12 79	EPA
1125	4 (B)	6 12 79	EPA
1126	5 (I)	6 12 79	EPA
1127	6 (O)	6 12 79	EPA
1128	7 (B)	6 12 79	EPA
1129	6 (O)	7 12 79	EPA
1130	ARM.	12 13 78	CARBORUNDUM
1131	ARM.	6 12 79	RADIAN
1132	ARM.	7 12 79	RADIAN
1133	MAZ.	12 13 78	HOOKER
1134	MAZ.	6 12 79	RADIAN
1135	TUT.	12 13 78	HOOKER
1136	ARM.	7 12 79	EPA
1137	TUT.	11 14 78	HOOKER
1138	MAZ.	11 14 78	HOOKER
1139	ARM.	11 14 78	HOOKER
1140	7 (B)	4 8 80	A.D. LITTLE
1141	11(B)	4 8 80	A.D. LITTLE
1142	20(B)	4 8 80	A.D. LITTLE
1143	1 (B)	4 8 80	A.D. LITTLE
1144	4 (B)	4 8 80	A.D. LITTLE
1145	13(B)	4 8 80	A.D. LITTLE
1146	18(B)	4 8 80	A.D. LITTLE
1147	22(B)	4 8 80	A.D. LITTLE
1148	16(B)	4 10 80	A.D. LITTLE

* (B) = bedrock, (O) = overburden, (I) = interface

ADL SAMPLE NO.	1101	1102	1103	1104	1105
101 CHLOROMETHANE	-1	0	0	0	0
105 CHLOROLTHANE	-1	0	0	0	110
106 METHYLENE CHLORIDE	-1	0	403	790	600
108 TRICHLOROFUOROMETHANE	-1	0	0	0	82
110 1,1-DICHLOROETHYLENE	-1	0	0	0	270
112 TRANS-1,2-DICHLOROETHYLENE	-1	0	0	210	240
113 CHLOROFORM	-1	0	983	2000	1100
114 1,2-DICHLOROETHANE	-1	0	901	900	720
115 1,1,1-TRICHLOROETHANE	-1	0	0	0	7
116 CARBON TETRACHLORIDE	0	0	0	0	30
118 1,2-DICHLOROPROPANE	-1	0	0	0	18
120 TRICHLOROLTHYLENE	0	0	1090	990	720
121 BENZENE	0	0	802	810	580
122 CIS-1,3-DICHLOROPROPYLENE	-1	0	0	0	0
123 DIBROMOCHLOROMETHANE	-1	0	0	0	0
124 1,1,2-TRICHLOROETHANE	-1	0	0	280	120
125 1,1,2,2-TETRACHLOROETHANE	-1	0	0	92	0
127 1,1,2,2-TETRACHLOROETHYLENE	-1	0	393	430	500
128 TOLUENE	-1	0	1730	3100	4800
129 CHLOROBENZENE	0	0	1510	1300	910
130 ETHYL BENZENE	-1	0	203	140	0
201 2-CHLOROPHENOL	-1	0	237	470	0
203 PHENOL	-1	0	684519	52000	13000
204 2,4-DIMETHYLPHENOL	-1	0	0	0	0
205 2,4-DICHLOROPHENOL	-1	0	1620	2600	0
206 2,4,6-TRICHLOROPHENOL	0	0	0	0	0
210 PENTACHLOROPHENOL	0	0	0	0	0
301 DICHLOROBENZENES	0	0	0	25.8	0
302 1,4 DICHLOROBENZENE	0	0	0	25.8	0
303 1,2 DICHLOROBENZENE	0	0	0	25.8	0
304 HEXACHLOROETHANE	-1	0	0	0	0
311 HEXACHLOROBUTADIENE	0	0	0	0	0
312 1,2,4-TRICHLOROBENZENE	0	0	0	0	0
324 FLUORENE	-1	0	0	0	0
326 DIETHYL PHTHALATE	-1	0	0	0	0
329 HEXACHLOROBENZENE	0	0	0	0	0
331 ANTHRACENE/PHENANTHRENE	-1	0	0	0	0
332 PHENANTHRENE	-1	0	0	0	0
333 DI-N-BUTYL PHTHALATE	-1	0	0	0	0
337 BUTYL BENZYL PHTHALATE	-1	0	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	-1	45	34	150	310
339 DI-N-OCTYL PHTHALATE	-1	45	34	150	310
401 ALPHA-BHC	-1	0	0	0	0.92
402 GAMMA-BHC	-1	0	0	0	0.36
404 BETA-BHC	-1	0	0	0	0
405 DELTA-BHC	-1	0	0	0	0
409 DDE	-1	0	0	0	0
412 DDD	-1	0	0	1.8	0
421 PCB-1242	-1	0	0	0	0
501 ANTIMONY	-1	2	0	10	-1
502 ARSENIC	-1	8	-1	10	-1
503 BERYLLIUM	-1	0	20	0	-1
504 CADMIUM	-1	0	17	0	-1
505 CHROMIUM	-1	0	683	2	-1
506 COPPER	-1	828	1900	1000	-1
507 LEAD	-1	340	1250	80	-1
509 MERCURY	-1	0	-1	0	-1
510 NICKEL	-1	80	600	61	-1
511 SELENIUM	-1	7.5	-1	0	-1
512 SILVER	-1	40	-1	0	-1
513 THALLIUM	-1	6.3	150	0	-1
514 ZINC	-1	1820	44000	7300	-1
802 TRICHLOROBENZENES	0	0	0	0	0
803 TETRACHLOROBENZENES	0	-1	-1	-1	0
804 PENTACHLOROBENZENES	-1	-1	-1	-1	0
805 MONOCHLOROTOLUENES	0	-1	-1	-1	-1
806 DICHLOROTOLUENES	0	-1	-1	0	0
807 MONOCHLOROBENZOTRIFLUORIDE	0	-1	-1	18	-1
809 TRICHLOROPHENOLS	0	0	0	0	0
810 M-CHLOROBENZOIC ACID	-1	-1	-1	160000	-1
811 O-CHLOROBENZOIC ACID	-1	-1	-1	210000	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	0	0	1.28
813 MIREX	-1	-1	-1	-1	-1

ADL SAMPLE NO.	1106	1107	1108	1109	1110
101 CHLOROMETHANE	0	0	0	0	0
103 CHLOROETHANE	0	0	0	0	0
106 METHYLENE CHLORIDE	19	3	0	0	12
108 TRICHLOROFLUOROMETHANE	0	0	0	0	0
110 1,1-DICHLOROETHYLENE	0	0	0	0	0
112 TRANS-1,2-DICHLOROETHYLENE	0	0	0	0	0
113 CHLOROFORM	0	0	0	3	0
114 1,2-DICHLOROETHANE	0	0	0	0	0
115 1,1,1-TRICHLOROETHANE	0	0	0	0	0
116 CARBON TETRACHLORIDE	0	0	0	0	0
118 1,2-DICHLOROPROPANE	0	0	0	0	0
120 TRICHLOROETHYLENE	0	0	0	0	15
121 BENZENE	0	0	0	0	57
122 CIS-1,3-DICHLOROPROPYLENE	0	0	0	0	0
123 DIBROMOCHLOROMETHANE	0	0	0	0	0
124 1,1,2-TRICHLOROETHANE	0	0	0	0	0
126 1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0
127 1,1,2,2-TETRACHLOROETHYLENE	0	0	27	0	0
128 TOLUENE	0	0	0	4	22
129 CHLOROBENZENE	0	0	0	0	20
130 ETHYL BENZENE	0	0	0	13	0
201 2-CHLOROPHENOL	0	0	0	0	0
203 PHENOL	4208	9000	14133	23000	385
204 2,4-DIMETHYLPHENOL	0	0	0	0	0
205 2,4-DICHLOROPHENOL	0	0	0	0	0
206 2,4,6-TRICHLOROPHENOL	0	0	0	0	0
210 PENTACHLOROPHENOL	0	0	0	0	0
301 DICHLOROBENZENES	0	0	0	0	0
302 1,4 DICHLOROBENZENE	0	0	0	0	0
303 1,2 DICHLOROBENZENE	0	0	0	0	0
304 HEXACHLOROETHANE	0	0	0	0	0
311 HEXACHLOROCYCLOHEXADIENE	0	0	0	0	0
312 1,2,4-TRICHLOROBENZENE	0	0	0	0	0
324 FLUORENE	0	0	0	0	0
326 DIETHYL PHTHALATE	0	0	0	0	0
329 HEXACHLOROBENZENE	0	0	0	0	0
331 ANTHRACENE/PHENANTHRENE	0	0	0	0	0
332 PHENANTHRENE	0	0	0	0	0
333 DI-N-BUTYL PHTHALATE	0	0	0	0	0
337 BUTYL BENZYL PHTHALATE	0	0	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	0	0	49	540	17
339 DI-N-OCTYL PHTHALATE	0	0	49	540	17
401 ALPHA-BHC	0	0	0	0	0
402 GAMMA-BHC	0	0	0	0	0
404 BETA-BHC	0	0	0	0	0
405 DELTA-BHC	0	0	0	0	0
409 DDE	0	0	0	0	0
412 DDD	0	0	0	0	0
421 PCB-1242	0	0	0	0	0
501 ANTIMONY	0	-1	0	-1	0
502 ARSENIC	2.8	-1	123	-1	-1
503 BERYLLIUM	0	-1	2	-1	0
504 CADMIUM	0	-1	0	-1	0
505 CHROMIUM	30	-1	28	-1	25
506 COPPER	2560	-1	2480	-1	1220
507 LEAD	196	-1	220	-1	126
509 MERCURY	0	-1	0	-1	-1
510 NICKEL	62	-1	74	-1	62
511 SELENIUM	22.5	-1	43	-1	-1
512 SILVER	7	-1	8	-1	-1
513 THALLIUM	0	-1	0	-1	0
514 ZINC	5100	-1	2310	-1	1510
802 TRICHLOROBENZENES	0	0	0	0	0
803 TETRACHLOROBENZENES	-1	0	-1	0	-1
804 PENTACHLOROBENZENES	-1	0	-1	0	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	0	-1	0	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1
809 TRICHLOROPHENOLS	0	0	0	0	0
810 M-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1
811 O-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	0	0	0
813 MIXED	-1	-1	-1	-1	-1

AOL SAMPLE NO.	1111	1112	1113	1114	1115
101 CHLOROMETHANE	0	0	0	0	0
105 CHLOROETHANE	0	0	0	0	0
106 METHYLENE CHLORIDE	59	0	317	200	0
108 TRICHLOROFUOROMETHANE	0	0	0	0	0
110 1,1-DICHLOROETHYLENE	0	0	0	7	0
112 TRANS-1,2-DICHLOROETHYLENE	0.2	0	0	48	0
113 CHLOROFORM	0	12	717	190	69
114 1,2-DICHLOROETHANE	1.7	0	0	0	0
115 1,1,1-TRICHLOROETHANE	0	0	0	0	0
116 CARBON TETRACHLORIDE	0	0	96	85	90
118 1,2-DICHLOROPROPANE	0	0	0	0	0
120 TRICHLOROETHYLENE	0	0	40	200	53
121 BENZENE	29	0	45	72	90
122 CIS-1,3-DICHLOROPROPYLENE	0	0	0	0	0
123 DIBROMOCHLOROMETHANE	0	0	0	0	0
124 1,1,2-TRICHLOROETHANE	0	0	0	0	0
126 1,1,2,2-TETRACHLOROETHANE	0	0	0	0	0
127 1,1,2,2-TETRACHLOROETHYLENE	3.1	0	514	400	558
128 TOLUENE	19	53	347	700	405
129 CHLOROBENZENE	9	0	305	170	212
130 ETHYL BENZENE	2.3	0	300	320	188
201 2-CHLOROPHENOL	5.3	0	0	0	0
203 PHENOL	200	2400	470	590	142
204 2,4-DIMETHYLPHENOL	1.9	0	0	0	0
205 2,4-DICHLOROPHENOL	21	0	0	0	0
206 2,4,6-TRICHLOROPHENOL	0	0	330	0	133
210 PENTACHLOROPHENOL	0	0	0	0	0
301 DICHLOROBENZENES	0	0	41	0	29
302 1,4-DICHLOROBENZENE	0	0	41	0	29
303 1,2-DICHLOROBENZENE	0	0	41	0	29
304 HEXACHLOROETHANE	0	0	86	0	0
311 HEXACHLOROBUTADIENE	0	0	20	0	39
312 1,2,4-TRICHLOROBENZENE	0	0	49	14	104
324 FLUORENE	0	0	0	0	0
326 DIETHYL PHTHALATE	0	0	0	0	0
329 HEXACHLOROBENZENE	0	0	39	0	48
331 ANTHRACENE/PHENANTHRENE	0	0	0	0	0
332 PHENANTHRENE	0	0	0	0	0
333 DI-N-BUTYL PHTHALATE	1.4	0	10	0	0
337 BUTYL BENZYL PHTHALATE	0	0	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	46	37	24	0	24
339 DI-N-CTYL PHTHALATE	46	37	24	0	24
401 ALPHA-BHC	0	0	180	0	0
402 GAMMA-BHC	0	0	69	0	123
404 BETA-BHC	0	0	0	0	29
405 DELTA-BHC	0	0	0	0	0
409 DDE	0	0	0	0	5
412 DDD	0	0	0	0	0
421 PCB-1242	0	0	0	0	0
501 ANTIMONY	0	-1	0	-1	0
502 ARSENIC	4	-1	-1	-1	52
503 BERYLLIUM	0	-1	0	-1	1
504 CADMIUM	3	-1	3.2	-1	1.4
505 CHROMIUM	3	-1	452	-1	14
506 COPPER	2500	-1	1000	-1	134
507 LEAD	290	-1	1360	-1	105
509 MERCURY	0	-1	-1	-1	0
510 NICKEL	27	-1	362	-1	48
511 SELENIUM	0	-1	-1	-1	22
512 SILVER	0	-1	-1	-1	8
513 THALLIUM	0	-1	0	-1	0
514 ZINC	2200	-1	64800	-1	5380
802 TRICHLOROBENZENES	0	0	49	14	143
803 TETRACHLOROBENZENES	-1	0	-1	90	-1
804 PENTACHLOROBENZENES	-1	0	-1	20	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	9.5	0	-1	140	-1
807 MONOCHLOROBENZOTRIFLUORIDE	4.1	-1	-1	-1	-1
809 TRICHLOROPHENOLS	0	0	330	0	133
810 M-CHLOROBENZOIC ACID	4200	-1	-1	-1	-1
811 O-CHLOROBENZOIC ACID	5800	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	249	0	152
813 MIREX	-1	-1	158	-1	10

ADL SAMPLE NO.	1116	1117	1118	1119	1120
101 CHLOROMETHANE	-1	0	0	0	0
105 CHLOROETHANE	-1	0	0	0	0
106 METHYLENE CHLORIDE	-1	470	170	16	2
108 TRICHLOROFLUOROMETHANE	-1	0	12	0	0
110 1,1-DICHLOROETHYLENE	-1	0	0	0	0
112 TRANS-1,2-DICHLOROETHYLENE	-1	0	25	0	0
113 CHLOROFORM	-1	1600	1600	0	0
114 1,2-DICHLOROETHANE	-1	0	0	0	0
115 1,1,1-TRICHLOROETHANE	-1	0	6.0	0	0
116 CARBON TETRACHLORIDE	-1	1800	2400	0	0
118 1,2-DICHLOROPROPANE	-1	0	0	0	0
120 TRICHLOROETHYLENE	-1	620	450	0	0
121 BENZENE	-1	98	170	0	0
122 CIS-1,3-DICHLOROPROPYLENE	-1	0	0	0	0
123 DIBROMOCHLOROMETHANE	-1	0	0	0	0
124 1,1,2-TRICHLOROETHANE	-1	0	0	0	0
126 1,1,2,2-TETRACHLOROETHANE	-1	0	0	0	0
127 1,1,2,2-TETRACHLOROETHYLENE	-1	3600	2700	0	0
128 TOLUENE	-1	4600	2400	0	0
129 CHLOROBENZENE	-1	1200	1800	0	0
130 ETHYL BENZENE	-1	1000	1700	0	0
201 2-CHLOROPHENOL	0	18	0	0	0
203 PHENOL	770	1200	2100	0	0
204 2,4-DIMETHYLPHENOL	0	0	0	0	0
205 2,4-DICHLOROPHENOL	0	48	180	0	0
206 2,4,6-TRICHLOROPHENOL	37	-1	-1	0	0
210 PENTACHLOROPHENOL	0	0	0	0	0
301 DICHLOROBENZENES	98	520	3300	0	0
302 1,4 DICHLOROBENZENE	98	520	3300	0	0
303 1,2 DICHLOROBENZENE	98	520	3300	0	0
304 HEXACHLOROETHANE	180	2300	26000	0	0
311 HEXACHLOROBUTADIENE	120	2000	41000	0	0
312 1,2,4-TRICHLOROBENZENE	350	1100	-1	0	0
324 FLUORENE	0	140	0	0	0
326 DILTHYL PHTHALATE	0	0	0	0	0
329 HEXACHLOROBENZENE	71	700	25000	0	0
331 ANTHRACENE/PHENANTHRENE	0	43	540	0	0
332 PHENANTHRENE	0	43	540	0	0
333 DI-N-BUTYL PHTHALATE	0	0	1100	0	0
337 BUTYL BENZYL PHTHALATE	0	0	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	41	160	450	0	0
339 DI-N-DECYL PHTHALATE	41	160	450	0	0
401 ALPHA-BHC	0	0	0	0	0.02
402 GAMMA-BHC	0	190	0	0	0
404 BETA-BHC	0	0	0	0	0
405 DELTA-BHC	0	0	0	0	0
409 DDE	0	0	0	0	0
412 DDD	0	0	0	0	0
421 PCB-1242	0	0	0	0	0
501 ANTIMONY	-1	0	40	0	-1
502 ARSENIC	-1	46	66	11.5	-1
503 BERYLLIUM	-1	0	17	0	-1
504 CADMIUM	-1	0	68	1.6	-1
505 CHROMIUM	-1	80	120	6	-1
506 COPPER	-1	1100	1300	374	-1
507 LEAD	-1	3200	4100	40	-1
509 MERCURY	-1	0	0	0	-1
510 NICKEL	-1	130	590	20	-1
511 SELENIUM	-1	0	0	20	-1
512 SILVER	-1	0	2	0	-1
513 THALLIUM	-1	0	3	0	-1
514 ZINC	-1	34000	130000	1940	-1
802 TRICHLOROBENZENES	390	1100	64000	0	0
803 TETRACHLOROBENZENES	220	-1	-1	-1	0
804 PENTACHLOROBENZENES	70	-1	-1	-1	0
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	1040	5100	-1	-1	0
807 MONOCHLOROBENZOTRIFLUORIDE	-1	65	-1	-1	-1
809 TRICHLOROPHENOLS	37	630	9000	0	0
810 M-CHLOROBENZOIC ACID	-1	3600	-1	-1	-1
811 O-CHLOROBENZOIC ACID	-1	5100	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	190	0	0	0.02
813 MIREX	-1	-1	-1	-1	-1

ADL SAMPLE NO.	1121	1122	1123	1124	1125
101 CHLOROMETHANE	0	0	0	-1	-1
105 CHLOROETHANE	0	0	0	-1	-1
106 METHYLENE CHLORIDE	17	0	50	-1	-1
108 TRICHLOROFLUOROMETHANE	0	0	0	-1	-1
110 1,1-DICHLOROETHYLENE	0	0	0	-1	-1
112 TRANS-1,2-DICHLOROETHYLENE	0	0	0	-1	-1
113 CHLOROFORM	0	0	0	-1	-1
114 1,2-DICHLOROETHANE	0	0	0	-1	-1
115 1,1,1-TRICHLOROETHANE	0	0	0	-1	-1
116 CARBON TETRACHLORIDE	0	0	0	-1	-1
118 1,2-DICHLOROPROPANE	0	0	0	-1	-1
120 TRICHLOROETHYLENE	0	0	0	-1	-1
121 BENZENE	0	0	0	-1	-1
122 CIS-1,3-DICHLOROPROPYLENE	0	0	0	-1	-1
123 DIBROMOCHLOROMETHANE	0	0	0	-1	-1
124 1,1,2-TRICHLOROETHANE	0	0	0	-1	-1
126 1,1,2,2-TETRACHLOROETHANE	0	0	0	-1	-1
127 1,1,2,2-TETRACHLOROETHYLENE	0	0	0	-1	-1
128 TOLUENE	0	0	0	-1	-1
129 CHLOROBENZENE	0	0	0	-1	-1
130 ETHYL BENZENE	0	0	0	-1	-1
201 2-CHLOROPHENOL	0	0	0	813.5	2.8
203 PHENOL	0	0	0	312500	15930
204 2,4-DIMETHYLPHENOL	0	0	0	0	0
205 2,4-DICHLOROPHENOL	0	0	0	2000	0
206 2,4,6-TRICHLOROPHENOL	0	0	0	58	0
210 PENTACHLOROPHENOL	0	0	0	108	5.1
301 DICHLOROBENZENES	0	0	0	0	0
302 1,4 DICHLOROBENZENE	0	0	0	0	0
303 1,2 DICHLOROBENZENE	0	0	0	0	0
304 HEXACHLOROETHANE	0	0	0	0	0
311 HEXACHLOROBUTADIENE	0	0	0	0	0
312 1,2,4-TRICHLOROBENZENE	0	0	0	0	0
324 FLUORENE	0	0	0	0	0
326 DIETHYL PHTHALATE	0	0	0	0	0
329 HEXACHLOROBENZENE	0	0	0	0	0
331 ANTHRACENE/PHENANTHRENE	0	0	0	0	0.26
332 PHENANTHRENE	0	0	0	0	0.26
333 DI-N-BUTYL PHTHALATE	0	0	0	82	0
337 BUTYL BENZYL PHTHALATE	0	0	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	0	220	24	230	190
339 DI-N-OCTYL PHTHALATE	0	220	24	230	190
401 ALPHA-BHC	0	0	0	-1	0
402 GAMMA-BHC	0	0	0	-1	0
404 BETA-BHC	0	0	0	-1	0
405 DELTA-BHC	0	0	0	-1	0
409 DDE	0	0	0	-1	0
412 DDD	0	0	0	-1	0
421 PCB-1242	0	0	0	-1	0
501 ANTIMONY	0	-1	0	30	0
502 ARSENIC	-1	-1	12	0	6
503 BERYLLIUM	0	-1	0	0	0
504 CADMIUM	1.4	-1	6	25	25
505 CHROMIUM	14	-1	23	0	20
506 COPPER	260	-1	410	1200	55
507 LEAD	33	-1	420	670	140
509 MERCURY	-1	-1	0	0.45	5.2
510 NICKEL	10	-1	0	52	30
511 SELENIUM	-1	-1	0	0	0
512 SILVER	4	-1	0	0	0
513 THALLIUM	0	-1	0	0	0
514 ZINC	2020	-1	6600	5700	3500
802 TRICHLOROBENZENES	0	0	0	0	0
803 TETRACHLOROBENZENES	-1	0	-1	-1	-1
804 PENTACHLOROBENZENES	-1	0	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	0	0	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	0	-1	-1
809 TRICHLOROPHENOLS	0	0	0	58	0
810 M-CHLOROBENZOIC ACID	-1	-1	0	-1	-1
811 O-CHLOROBENZOIC ACID	-1	-1	0	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	0	-1	0
813 MIREX	-1	-1	-1	-1	-1

ADL SAMPLE NO.	1126	1127	1128	1129	1130
101 CHLOROMETHANE	-1	-1	-1	0	0
105 CHLOROETHANE	-1	-1	-1	0	0
106 METHYLENE CHLORIDE	-1	-1	-1	270	0
108 TRICHLOROFLUOROMETHANE	-1	-1	-1	0	0
110 1,1-DICHLOROETHYLENE	-1	-1	-1	0	0
112 TRANS-1,2-DICHLOROETHYLENE	-1	-1	-1	790	0
113 CHLOROFORM	-1	-1	-1	1500	0
114 1,2-DICHLOROETHANE	-1	-1	-1	0	0
115 1,1,1-TRICHLOROETHANE	-1	-1	-1	0	0
116 CARBON TETRACHLORIDE	-1	-1	-1	8200	0
118 1,2-DICHLOROPROPANE	-1	-1	-1	0	0
120 TRICHLOROETHYLENE	-1	-1	-1	0	0
121 BENZENE	-1	-1	-1	0	0
122 CIS-1,3-DICHLOROPROPYLENE	-1	-1	-1	0	0
123 DIBROMOCHLOROMETHANE	-1	-1	-1	0	0
124 1,1,2-TRICHLOROETHANE	-1	-1	-1	0	0
126 1,1,2,2-TETRACHLOROETHANE	-1	-1	-1	0	0
127 1,1,2,2-TETRACHLOROETHYLENE	-1	-1	-1	0	0
128 TOLUENE	-1	-1	-1	0	0
129 CHLOROBENZENE	-1	-1	-1	0	0
130 ETHYL BENZENE	-1	-1	-1	0	0
201 2-CHLOROPHENOL	7	10	0	0	0
203 PHENOL	690	1883	0	840	0
204 2,4-DIMETHYLPHENOL	0	0	0	0	0
205 2,4-DICHLOROPHENOL	23.2	25	0	0	0
206 2,4,6-TRICHLOROPHENOL	0	0	0	0	0
210 PENTACHLOROPHENOL	0	0	1.2	0	0
301 DICHLOROBENZENES	0	0	0	590	0
302 1,4 DICHLOROBENZENE	0	0	0	590	0
303 1,2 DICHLOROBENZENE	0	0	0	590	0
304 HEXACHLOROETHANE	0	0	0	1600	0
311 HEXACHLOROBUTADIENE	0	770	0	700	0
312 1,2,4-TRICHLOROBENZENE	0	0	0	3000	0
324 FLUORENE	0	0	0	0	0
326 DIETHYL PHTHALATE	0	0	0	0	0
329 HEXACHLOROBENZENE	0	0	0	0	0
331 ANTHRACENE/PHENANTHRENE	0	0	0	0	0
332 PHENANTHRENE	0	0	0	0	0
333 DI-N-BUTYL PHTHALATE	6.7	90	4.7	0	0
337 BUTYL BENZYL PHTHALATE	0.68	0	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	42	270	64	0	0
339 DI-N-OCTYL PHTHALATE	42	270	64	0	0
401 ALPHA-BHC	0	1290	0	0	0
402 GAMMA-BHC	0	230	0	0	0
404 BETA-BHC	0	150	0	0	0
405 DELTA-BHC	0	140	0	0	0
409 DDE	0	0	0	0	0
412 DDD	0	0	0	0	0
421 PCB-1242	0	5000	0	0	0
501 ANTIMONY	0	30	0	-1	0
502 ARSENIC	0	20	8	-1	4
503 BERYLLIUM	0	0	0	-1	0
504 CADMIUM	16	18	8	-1	0
505 CHROMIUM	0	10	20	-1	0
506 COPPER	1300	340	320	-1	15
507 LEAD	110	760	160	-1	0
509 MERCURY	0.55	0.74	0.35	-1	0
510 NICKEL	20	51	20	-1	4
511 SELENIUM	0	0	0	-1	2
512 SILVER	0	0	0	-1	3
513 THALLIUM	0	0	0	-1	0
514 ZINC	890	20000	5400	-1	13
802 TRICHLOROBENZENES	0	0	0	3000	0
803 TETRACHLOROBENZENES	-1	-1	-1	-1	-1
804 PENTACHLOROBENZENES	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	0
806 DICHLOROTOLUENES	-1	-1	-1	-1	0
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	0
809 TRICHLOROPHENOLS	0	0	0	0	0
810 M-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1
811 O-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1
813 HEXACHLOROCYCLOHEXANES(BHC)	0	1810	0	0	0
813 MIREX	-1	620	-1	-1	-1

ADL SAMPLE NO.	1131	1132	1133	1134	1135
101 CHLOROMETHANE	0	0	-1	0	-1
105 CHLOROETHANE	0	0	-1	0	-1
106 METHYLENE CHLORIDE	2.3	1.9	-1	70	-1
109 TRICHLOROFLOUROMETHANE	0	0	-1	0	-1
110 1,1-DICHLOROETHYLENE	0	0	-1	0	-1
112 TRANS-1,2-DICHLOROETHYLENE	0	0	-1	0	-1
113 CHLOROFORM	0	0	-1	0	-1
114 1,2-DICHLOROETHANE	0	0	-1	0	-1
115 1,1,1-TRICHLOROETHANE	0	0	-1	0	-1
116 CARBON TETRACHLORIDE	0	0	-1	0	-1
118 1,2-DICHLOROPROPANE	0	0	-1	0	-1
120 TRICHLOROETHYLENE	0	0	0	0	0
121 BENZENE	0	2.5	-1	0	-1
122 CIS-1,3-DICHLOROPROPYLENE	0	0	-1	0	-1
123 DIBROMOCHLOROMETHANE	0	0	-1	0	-1
124 1,1,2-TRICHLOROETHANE	0	0	-1	0	-1
126 1,1,2,2-TETRACHLOROETHANE	2.6	0	-1	0	-1
127 1,1,2,2-TETRACHLOROETHYLENE	0	0	0	0	1
128 TOLUENE	0	0	0	0	9
129 CHLOROBENZENE	0	3.4	0	0	0
130 ETHYL BENZENE	0	0	-1	0	-1
201 2-CHLOROPHENOL	0	0	-1	0	-1
203 PHENOL	3.5	0	-1	0	-1
204 2,4-DIMETHYLPHENOL	0	0	-1	0	-1
205 2,4-DICHLOROPHENOL	0	0	-1	0	-1
206 2,4,6-TRICHLOROPHENOL	0	0	-1	0	-1
210 PENTACHLOROPHENOL	0	0	-1	0	-1
301 DICHLOROBENZENES	0	0	0	0	0
302 1,4 DICHLOROBENZENE	0	0	0	0	0
303 1,2 DICHLOROBENZENE	0	0	0	0	0
304 HEXACHLOROETHANE	0	0	-1	1.7	-1
311 HEXACHLOROBUTADIENE	0	0	-1	3.3	-1
312 1,2,4-TRICHLOROBENZENE	0	0	-1	4.5	-1
324 FLUORENE	0	0	-1	0	-1
326 DIETHYL PHTHALATE	0	1.9	-1	2.9	-1
329 HEXACHLOROBENZENE	0	0	-1	0	-1
331 ANTHRACENE/PHENANTHRENE	0	0	-1	0	-1
332 PHENANTHRENE	0	0	-1	0	-1
333 DI-N-BUTYL PHTHALATE	0	5.8	-1	2.3	-1
337 BUTYL BENZYL PHTHALATE	0	0	-1	0	-1
338 BIS(2-ETHYLHEXYL)PHTHALATE	4.8	12	-1	36	-1
339 DI-N-OCTYL PHTHALATE	4.8	12	-1	36	-1
401 ALPHA-BHC	0	0	-1	0	-1
402 GAMMA-BHC	0	0	-1	0	-1
404 BETA-BHC	0	0	-1	0	-1
405 DELTA-BHC	0	0	-1	0	-1
409 DDE	0	0	-1	0	-1
412 DDD	0	0	-1	0	-1
421 PCB-1242	0	0	-1	0	-1
501 ANTIMONY	0	0	-1	0	-1
502 ARSENIC	2	72	-1	3	-1
503 BERYLLIUM	0	0	-1	0	-1
504 CADMIUM	0	3	-1	0	-1
505 CHROMIUM	0	10	-1	0	-1
506 COPPER	170	110	-1	100	-1
507 LEAD	30	47	-1	5	-1
509 MERCURY	0	0	-1	0	-1
510 NICKEL	0	12	-1	0	-1
511 SELENIUM	0	0	-1	0	-1
512 SILVER	18	3	-1	0	-1
513 THALLIUM	0	0	-1	0	-1
514 ZINC	140	300	-1	240	-1
802 TRICHLOROBENZENES	0	0	-1	4.5	-1
803 TETRACHLOROBENZENES	-1	-1	-1	-1	-1
804 PENTACHLOROBENZENES	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	0	-1	0
806 DICHLOROTOLUENES	0	-1	0	0.6	0
807 MONOCHLOROBENZOTRIFLUORIDE	0	-1	0	0	0
809 TRICHLOROPHENOLS	0	0	-1	0	-1
810 M-CHLOROBENZOIC ACID	0	-1	-1	0	-1
811 O-CHLOROBENZOIC ACID	0	-1	-1	0	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	-1	0	-1
813 MIREX	-1	-1	-1	-1	-1

ADL SAMPLE NO.	1136	1137	1138	1139	1140
101 CHLOROMETHANE	-1	-1	-1	-1	0
105 CHLOROETHANE	-1	-1	-1	-1	0
106 METHYLENE CHLORIDE	-1	-1	-1	-1	0
108 TRICHLOROFUOROMETHANE	-1	-1	-1	-1	0
110 1,1-DICHLOROETHYLENE	-1	-1	-1	-1	0
112 TRANS-1,2-DICHLOROETHYLENE	-1	-1	-1	-1	0
113 CHLOROFORM	-1	-1	-1	-1	0
114 1,2-DICHLOROETHANE	-1	-1	-1	-1	0
115 1,1,1-TRICHLOROETHANE	-1	-1	-1	-1	0
116 CARBON TETRACHLORIDE	-1	-1	-1	-1	0
118 1,2-DICHLOROPROPANE	-1	-1	-1	-1	0
120 TRICHLOROETHYLENE	-1	0.21	0.07	0.13	8
121 BENZENE	-1	-1	-1	-1	4
122 CIS-1,3-DICHLOROPROPYLENE	-1	-1	-1	-1	0
123 DIBROMOCHLOROMETHANE	-1	-1	-1	-1	4
124 1,1,2-TRICHLOROETHANE	-1	-1	-1	-1	0
126 1,1,2,2-TETRACHLOROETHANE	-1	-1	-1	-1	0
127 1,1,2,2-TETRACHLOROETHYLENE	-1	0	2.1	3.1	12
128 TOLUENE	-1	0.23	2.1	2.1	5
129 CHLOROBENZENE	-1	0	0	0	4
130 ETHYL BENZENE	-1	-1	-1	-1	4
201 2-CHLOROPHENOL	0	-1	-1	-1	-1
203 PHENOL	0	-1	-1	-1	0
204 2,4-DIMETHYLPHENOL	0	-1	-1	-1	-1
205 2,4-DICHLOROPHENOL	0	-1	-1	-1	-1
206 2,4,6-TRICHLOROPHENOL	0	-1	-1	-1	-1
210 PENTACHLOROPHENOL	0	-1	-1	-1	-1
301 DICHLOROBENZENES	0	0	0	0.03	-1
302 1,4 DICHLOROBENZENE	0	-1	-1	-1	-1
303 1,2 DICHLOROBENZENE	0	-1	-1	-1	-1
304 HEXACHLOROETHANE	0	-1	-1	-1	-1
311 HEXACHLOROBUTADIENE	0	0	0.03	0.05	-1
312 1,2,4-TRICHLOROBENZENE	0	-1	-1	-1	-1
324 FLUORENE	0	-1	-1	-1	-1
326 DIETHYL PHTHALATE	0	-1	-1	-1	-1
329 HEXACHLOROBENZENE	0	-1	-1	-1	-1
331 ANTHRACENE/PHENANTHRENE	0	-1	-1	-1	-1
332 PHENANTHRENE	0	-1	-1	-1	-1
333 DI-N-BUTYL PHTHALATE	0	-1	-1	-1	-1
337 BUTYL BENZYL PHTHALATE	0	-1	-1	-1	-1
338 BIS(2-ETHYLHEXYL)PHTHALATE	0	-1	-1	-1	-1
339 DI-N-OCYL PHTHALATE	0	-1	-1	-1	-1
401 ALPHA-BHC	0	-1	-1	-1	-1
402 GAMMA-BHC	0	-1	-1	-1	-1
404 BETA-BHC	0	-1	-1	-1	-1
405 DELTA-BHC	0	-1	-1	-1	-1
409 DDE	0	-1	-1	-1	-1
412 DDD	0	-1	-1	-1	-1
421 PCB-1242	0	-1	-1	-1	-1
501 ANTIMONY	-1	-1	-1	-1	-1
502 ARSENIC	-1	-1	-1	-1	-1
503 BERYLLIUM	-1	-1	-1	-1	-1
504 CADMIUM	-1	-1	-1	-1	-1
505 CHROMIUM	-1	-1	-1	-1	-1
506 COPPER	-1	-1	-1	-1	-1
507 LEAD	-1	-1	-1	-1	-1
509 MERCURY	-1	-1	-1	-1	-1
510 NICKEL	-1	-1	-1	-1	-1
511 SELENIUM	-1	-1	-1	-1	-1
512 SILVER	-1	-1	-1	-1	-1
513 THALLIUM	-1	-1	-1	-1	-1
514 ZINC	-1	-1	-1	-1	-1
802 TRICHLOROBENZENES	0	0	0.16	0.17	-1
803 TETRACHLOROBENZENES	-1	0	0	0	-1
804 PENTACHLOROBENZENES	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	0.08	0.41	0.48	-1
806 DICHLOROTOLUENES	-1	0	0	0	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	0.25	0.16	0.23	-1
809 TRICHLOROPHENOLS	0	-1	-1	-1	-1
810 M-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1
811 O-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0.08	0.08	0.09	-1
813 MIXEX	-1	0	0.01	0.02	-1

ADL	SAMPLE NO.	1141	1142	1143	1144	1145
101	CHLOROMETHANE	0	0	0	0	450
103	METHYLENE CHLORIDE	0	0	0	0	0
106	TRICHLOROFLUOROMETHANE	0	0	0	0	970
108	1,1-DICHLOROETHYLENE	0	0	0	0	320
110	TRANS-1,2-DICHLORLETHYLENE	0	0	0	0	0
112	CHLOROPURM	0	0	0	0	0
114	1,2-DICHLOROETHANL	0	0	0	19	2400
115	1,1,1-TRICHLOROCETHANE	0	0	0	0	1700
116	CARBON TETRACHLORIDE	0	0	0	0	0
118	1,2-DICHLOROPROPANE	0	0	0	0	0
120	TRICHLOROETHYLENE	4	2	5	0	2700
121	BENZENE	5	4	3	0	1400
122	1,3-1,3-DICHLOROPROPYLENE	0	0	0	0	260
123	DIBROMOCHLOROMETHANE	0	0	0	0	0
124	1,1,2-TRICHLORUETHANE	0	0	0	0	450
126	1,1,2,2-TETRACHLORCEITHANE	0	0	0	0	0
127	1,1,2,2-TETRACHLORCEITHYLENE	0	0	0	0	3700
128	TOLUENE	3	3	0	0	16000
129	CHLOROBENZENE	0	0	0	0	7200
130	ETHYL BENZENE	0	0	0	0	510
201	2-CHLORUPHENOL	-1	-1	-1	-1	-1
203	PHENOL	-1	-1	-1	-1	-1
204	2,4-DIMETHYLPHENOL	-1	-1	-1	-1	-1
205	2,4-DICHLORUPHENOL	-1	-1	-1	-1	-1
206	2,4,6-TRICHLORUPHENOL	-1	-1	-1	-1	-1
210	PENTACHLOROPHENOL	-1	-1	-1	-1	-1
301	DICHLORODENZENES	-1	-1	-1	-1	-1
302	1,4-DICHLORODENZENE	-1	-1	-1	-1	-1
303	1,2-DICHLORUBLZENE	-1	-1	-1	-1	-1
304	HEXACHLORUBETHANL	-1	-1	-1	-1	-1
311	HEXACHLORUBUTADIENE	-1	-1	-1	-1	-1
312	1,2,4-TRICHLOROBENZLNE	-1	-1	-1	-1	-1
324	FLUORENE	-1	-1	-1	-1	-1
326	DIEHTYL PHTHALATE	-1	-1	-1	-1	-1
329	HEXACHLORUBENZENE	-1	-1	-1	-1	-1
331	ANTHRACENC/PHENANTHRENE	-1	-1	-1	-1	-1
332	PHENANTHRLNE	-1	-1	-1	-1	-1
333	DI-N-BUTYL PHTHALATE	-1	-1	-1	-1	-1
337	BUTYL BENZYL PHTHALATE	-1	-1	-1	-1	-1
338	BIS(2-ETHYLHEXYL)PHTHALATE	-1	-1	-1	-1	-1
339	DI-N-UCTYL PHTHALATE	-1	-1	-1	-1	-1
401	ALPHA-BHC	-1	-1	-1	-1	-1
402	GAMMA-BHC	-1	-1	-1	-1	-1
404	BETA-BHC	-1	-1	-1	-1	-1
409	DELTA-BHC	-1	-1	-1	-1	-1
409	DDE	-1	-1	-1	-1	-1
412	DDD	-1	-1	-1	-1	-1
421	PCB-1242	-1	-1	-1	-1	-1
501	ANTIMONY	-1	-1	-1	-1	-1
502	ARSENIC	-1	-1	-1	-1	-1
503	BERYLLIUM	-1	-1	-1	-1	-1
504	CADMIUM	-1	-1	-1	-1	-1
509	CHLMIUM	-1	-1	-1	-1	-1
509	CPPER	-1	-1	-1	-1	-1
507	LEAD	-1	-1	-1	-1	-1
509	MERCURY	-1	-1	-1	-1	-1
510	NICKEL	-1	-1	-1	-1	-1
511	SELENIUM	-1	-1	-1	-1	-1
512	SILVER	-1	-1	-1	-1	-1
513	THALLIUM	-1	-1	-1	-1	-1
514	ZINC	-1	-1	-1	-1	-1
802	TRICHLOROBENZENES	-1	-1	-1	-1	-1
803	TETRACHLOROBENZENES	-1	-1	-1	-1	-1
804	PENTACHLOROBENZENES	-1	-1	-1	-1	-1
805	MUNDCHLORUTLUENES	-1	-1	-1	-1	-1
806	DICHLOROTULUENES	-1	-1	-1	-1	-1
807	MUNOCHLORUBENZUTRIFLUORIDE	-1	-1	-1	-1	-1
809	TRICHLORUPHENULS	-1	-1	-1	-1	-1
810	M-CHLORUBENZIDIC ACID	-1	-1	-1	-1	-1
811	U-CHLORUBENZIDIC ACID	-1	-1	-1	-1	-1
812	HEXACHLORUCYCLUHEXANLS(BHC)	-1	-1	-1	-1	-1
813	MIREX	-1	-1	-1	-1	-1

49000 500000

ADL SAMPLE NO.	1146	1147	1148
101 CHLOROMETHANE	0	0	0
105 CHLOROETHANE	0	0	0
106 METHYLENE CHLORIDE	-1	-1	0
108 TRICHLOROFUORMETHANE	0	0	0
110 1,1-DICHLOROETHYLENE	0	0	0
112 TRANS-1,2-DICHLOROETHYLENE	22	0	0
113 CHLOROFORM	1000	0	0
114 1,2-DICHLOROETHANE	0	0	0
115 1,1,1-TRICHLOROETHANE	0	0	0
116 CARBON TETRACHLORIDE	0	0	0
118 1,2-DICHLOROPROPANE	0	0	0
120 TRICHLOROETHYLENE	500	0	0
121 BENZENE	270	0	0
122 CIS-1,3-DICHLOROPROPYLENE	0	0	0
123 DIBROMOCHLOROMETHANE	0	0	0
124 1,1,2-TRICHLOROETHANE	17	0	0
126 1,1,2,2-TETRACHLOROETHANE	0	0	0
127 1,1,2,2-TETRACHLOROETHYLENE	900	0	0
128 TOLUENE	3200	0	0
129 CHLOROBENZENE	1200	0	0
130 ETHYL BENZENE	370	0	0
201 2-CHLOROPHENOL	-1	-1	-1
203 PHENOL	14000	20	0
204 2,4-DIMETHYLPHENOL	-1	-1	-1
205 2,4-DICHLOROPHENOL	-1	-1	-1
206 2,4,6-TRICHLOROPHENOL	-1	-1	-1
210 PENTACHLOROPHENOL	-1	-1	-1
301 DICHLOROBENZENES	-1	-1	-1
302 1,4 DICHLOROBENZENE	-1	-1	-1
303 1,2 DICHLOROBENZENE	-1	-1	-1
304 HEXACHLOROETHANE	-1	-1	-1
311 HEXACHLOROBUTADIENE	-1	-1	-1
312 1,2,4-TRICHLOROBENZENE	-1	-1	-1
324 FLUORENE	-1	-1	-1
326 DIETHYL PHTHALATE	-1	-1	-1
329 HEXACHLOROBENZENE	-1	-1	-1
331 ANTHRACENE/PHENANTHRENE	-1	-1	-1
332 PHENANTHRENE	-1	-1	-1
333 DI-N-BUTYL PHTHALATE	-1	-1	-1
337 BUTYL BENZYL PHTHALATE	-1	-1	-1
338 BIS(2-ETHYLHEXYL)PHTHALATE	-1	-1	-1
339 DI-N-OCTYL PHTHALATE	-1	-1	-1
401 ALPHA-BHC	-1	-1	-1
402 GAMMA-BHC	-1	-1	-1
404 BETA-BHC	-1	-1	-1
405 DELTA-BHC	-1	-1	-1
409 DDE	-1	-1	-1
412 DDD	-1	-1	-1
421 PCB-1242	-1	-1	-1
501 ANTIMONY	-1	-1	-1
502 ARSENIC	-1	-1	-1
503 BERYLLIUM	-1	-1	-1
504 CADMIUM	-1	-1	-1
505 CHROMIUM	-1	-1	-1
506 COPPER	-1	-1	-1
507 LEAD	-1	-1	-1
509 MERCURY	-1	-1	-1
510 NICKEL	-1	-1	-1
511 SELENIUM	-1	-1	-1
512 SILVER	-1	-1	-1
513 THALLIUM	-1	-1	-1
514 ZINC	-1	-1	-1
802 TRICHLOROBENZENES	-1	-1	-1
803 TETRACHLOROBENZENES	-1	-1	-1
804 PENTACHLOROBENZENES	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1
809 TRICHLOROPHENOLS	-1	-1	-1
810 M-CHLOROBENZOIC ACID	-1	-1	-1
811 O-CHLOROBENZOIC ACID	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	-1	-1	-1
813 MIREX	-1	-1	-1

Arthur D Little Inc

Hyde Park/Non-Well Samples (1201-1232)
Pollutants Analyzed For But Not Detected

102 DICHLORODIFLUOROMETHANE
103 BROMOMETHANE
107 ACROLEIN
109 ACRYLONITRILE
119 TRANS-1,3-DICHLOROPROPYLENE
122 CIS-1,3-DICHLOROPROPYLENE
125 BROMOFORM
202 2-NITROPHENOL
204 2,4-DIMETHYLPHENOL
208 2,4-DINITROPHENOL
209 4,6-DINITRO-2-CRESOL
211 4-NITROPHENOL
305 BIS(CHLOROMETHYL)ETHER
306 BIS(2-CHLOROETHYL) ETHER
307 BIS(2-CHLOROISOPROPYL) ETHER
308 N-NITROSODIMETHYLAMINE
310 NITROBENZENE
313 2-CHLOROETHYL VINYL ETHER
314 BIS(2-CHLOROETHOXY) METHANE
316 ISOPHORONE
317 HEXACHLOROCYCLOPENTADIENE
327 1,2-DIPHENYLHYDRAZINE
328 N-NITROSODIPHENYLAMINE
330 4-BROMOPHENYL PHENYL ETHER
336 BENZIDINE
342 3,3'-DICHLOROBENZIDINE
349 TCDD
403 HEPTACHLOR
405 DELTA-BHC
406 ALDRIN
407 HEPTACHLOR EPOXIDE
408 ENDOSULFAN I.
410 DIELDRIN
411 ENDRIN
412 DDD
413 ENDOSULFAN II
414 DDT
415 ENDRIN ALDEHYDE
416 ENDOSULFAN SULFATE
417 CHLORDANE
418 TOXAPHENE
420 PCB-1232
422 PCB-1248
424 PCB-1260
811 O-CHLOROBENZOIC ACID

Hyde Park/Non-Well Samples

<u>ADL #</u>	<u>Location</u>	<u>Date</u>	<u>Analyst</u>
1201	*LDFL/NW CORNER	4 12 79	HYDROSCIENCE
1202	*LDFL/N BELVEDERE	4 12 79	HYDROSCIENCE
1203	*LDFL/N BELVEDERE	4 12 79	HYDROSCIENCE
1204	*LDFL/S OF NW CORNER OF W DITCH/SS1	6 13 79	RADIAN
1205	*LDFL/S OF NW CORNER OF W DITCH/SS2	6 13 79	RADIAN
1206	*LDFL	4 12 79	EPA
1207	LCMT/BOTTOM LAYER	1 26 79	CARBORUNDUM
1208	LCMT	7 12 79	RADIAN
1209	LCMT	2 28 78	N Y STATE
1210	LCMT	7 12 79	EPA
1211	*BR/N SHERMAN	12 13 78	CARBORUNDUM
1212	BR	7 12 79	RADIAN
1213	*LDFL/165 FT N MANHOLE 9/SS3	6 13 79	RADIAN
1214	*LDFL/100 FT N MANHOLE 9/SS4	6 13 79	RADIAN
1215	BR	4 12 79	EPA
1216	BR	7 12 79	EPA
1217	*BR/NW CORNER LDFL	6 14 79	RADIAN
1218	*BR/CENTERLINE/S SHERMAN	6 14 79	RADIAN
1219	*BR/12 FT N OF SAMPLE 1218	6 14 79	RADIAN
1220	*BR/N BELVEDERE AT CULVERT	6 14 79	RADIAN
1221	*BR/MANHOLE N UNIVERSITY DR	6 14 79	RADIAN
1222	*BR/BOTTOM OF NR GORGE	6 14 79	RADIAN
1223	BR/N LDFL	3 31 79	EPA
1224	BR/POWER AUTH RD	3 31 79	EPA
1225	BR/50 FT N POWER AUTH RD	3 31 79	EPA
1226	BR/50 FT N GRIFF BROS., SHERMAN AVE	3 31 79	EPA
1227	BR/POWER AUTH RD (69TH AVE)	3 31 79	EPA
1228	*BR/N LDFL	3 31 79	EPA
1229	*BR/POWER AUTH RD	3 31 79	EPA
1230	*BR/50 FT N POWER AUTH RD	3 31 79	EPA
1231	*BR/50 FT N GRIFF BROS., SHERMAN AVE	3 31 79	EPA
1232	*BR/POWER AUTH RD (69TH AVE)	3 31 79	EPA

* Sediment or soil samples

AUL SAMPLE NO.	1201	1202	1203	1204	1205	1206
101 CHLOROMETHANE	-1	0	0	0	0	190
104 VINYL CHLORIDE	-1	0	0	0	0	0
105 CHLORCETHANE	-1	0	0	0	0	0
106 METHYLENE CHLORIDE	-1	0	0	0	190	29
108 TRICHLORUO-LUDROMETHANE	-1	0	0	0	0	0
110 1,1-DICHLOROETHYLENE	-1	0	0	0	0	0
111 1,1-DICHLOROETHANE	-1	0	0	0	0	0
112 TRANS-1,2-DICHLOROETHYLENE	-1	0	0	0	0	5
113 CHLOROFORM	-1	0	0	0	290	130
114 1,2-DICHLOROETHANE	-1	0	0	0	0	0
115 1,1,1-TRICHLOROETHANL	-1	0	0	0	0	0
116 CARBON TETRACHLORIDE	-1	0	0	0	0	20
117 DRUMODICHLOROMETHANE	-1	0	0	0	0	0
118 1,2-DICHLOROPROPANE	-1	0	0	0	0	0
120 TRICHLOROETHYLENE	-1	0	40	10	330	89
121 BENZENE	-1	0	50	10	230	72
122 DIHYDROCHLOROMETHANE	-1	0	0	0	0	0
123 1,1,2-TRICHLOROETHANE	-1	0	0	0	0	2
124 1,1,2,2-TETRACHLOROETHANE	-1	17	0	0	0	0
126 1,1,2,2-TETRACHLOROETHANE	-1	17	0	0	230	0
127 1,1,2,2-TETRACHLOROETHYLENE	-1	24	0	0	1500	0
128 TOLUENE	-1	0	0	0	0	0
129 CHLOROBENZENE	-1	0	0	0	450	0
130 ETHYL BENZENE	-1	0	0	0	0	0
133 2-CHLOROPHENOL	0	0	0	0	0	0
201 PHENOL	11030	0	450	35	490	-1
203 2,4-DICHLOROPHENOL	74	0	0	130	130	-1
206 2,4,6-TRICHLOROPHENOL	104	0	0	-1	-1	-1
207 4-CHLORO-3-CRESOL	0	0	0	0	0	-1
210 PENTACHLOROPHENOL	0	0	0	0	0	-1
301 DICHLOROBENZENES	0	0	144	0	0	-1
302 1,4 DICHLOROBENZENE	0	0	144	0	0	-1
303 1,2 DICHLOROBENZENE	0	0	144	0	0	-1
304 HEXACHLOROETHANE	0	0	0	0	0	-1
309 NITROSDI-N-PROPYLAMINE	0	0	0	0	0	-1
311 HEXACHLOROBIADIENE	0	0	0	0	0	-1
312 1,2,4-TRICHLOROBENZENE	0	0	2250	0	4700	-1
313 NAPHTHALENE	0	0	0	0	1100	-1
318 2-CHLORONAPHTHALENE	0	0	0	0	0	-1
319 ACENAPHTHYLENE	0	0	0	0	0	-1
320 DIMETHYL PHTHALATE	0	0	0	0	110	-1
321 DIMETHYL PHTHALATE	0	0	0	0	0	-1
322 2,6-DINITROTOLUENE	0	0	0	0	0	-1
323 4-CHLOROPHENYL PHENYL ETIL	0	0	0	0	0	-1
324 FLUORENE	0	0	0	0	50	-1
325 2,4-DINITROTOLUENE	0	0	0	0	0	-1
326 DIETHYL PHTHALATE	17	0	0	0	5000	-1
329 HEXACHLOROBENZENE	0	0	1050	240	220	-1
331 ANTHRACENE/PHENANTHRENE	0	0	340	51	220	-1
332 PHENANTHRENE	0	0	0	120	190	-1
333 DI-N-BUTYL PHTHALATE	0	0	0	78	220	-1
334 FLUORANTHENE	0	0	640	72	220	-1
335 PYRENE	0	0	0	0	0	-1

ADL Sample No.	1201	1202	1203	1204	1205	1206
337 BUTYL UNZYL PHTHALATE	0	0	0	0	0	-1
338 BIS(2-ETHYLHEXYL)PHTHALATE	0	0	380	2500	1300	-1
339 DI-N-UCTYL PHTHALATE	0	0	380	2500	1300	-1
340 CHRYSENE	0	0	705	93	280	-1
341 BENZO(A)ANTHRACENE	0	0	705	93	280	-1
343 BENZO(B)FLUORANTHENE	0	0	180	33	150	-1
344 BENZO(K)FLUORANTHENE	0	0	180	33	150	-1
345 BENZO(A)PYRENE	0	0	0	85	300	-1
346 INDENO(1,2,3-C,D)PYRENE	0	0	0	0	0	-1
347 DIBENZ(A,H)ANTHRACENE	0	0	0	0	0	-1
348 BENZO(G,H,I)PERYLENE	0	0	0	0	0	-1
401 ALPHA-BHC	0	0	0	0	0	-1
402 GAMMA-BHC	0	0	0	0	0	-1
404 BETA-BHC	13	0	0	0	0	-1
409 DDE	0	0	127	0	0	-1
419 PCB-1221	0	0	0	0	0	-1
421 PCB-1242	0	0	0	0	0	-1
423 PCB-1254	0	0	0	0	0	-1
425 PCB-1010	0	0	420	0	0	-1
501 ANTIMONY	-1	0	0	0	0	-1
502 ARSENIC	-1	0	0	0	0	-1
503 BERYLLIUM	-1	-1	0	0	0	-1
504 CADMIUM	-1	0	9500	11000	4000	-1
505 CHROMIUM	-1	0	1400	880	1000	-1
506 COPPER	-1	210	6000	2400	3500	-1
507 LEAD	-1	3.5	5500	2100	4800	-1
509 MERCURY	-1	45	6300	2500	14000	-1
510 NICKEL	-1	-1	340	0	0	-1
511 SELENIUM	-1	21	4700	2200	3500	-1
512 SILVER	-1	-1	24400	0	0	-1
513 THALLIUM	-1	-1	7000	0	180	-1
514 ZINC	-1	0	31200	0	0	-1
802 TRICHLOROGLUZENES	0	100	0	20000	50000	-1
803 TETRACHLORODENZENES	-1	-1	-1	-1	-1	-1
804 PENTACHLORODENZENES	-1	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1	-1	-1	-1
807 MONOCHLOROBENZENES	-1	-1	-1	-1	-1	-1
809 TRICHLOROPHENOLS	104	-1	-1	400	4200	-1
810 M-CHLORODIBENZOLIC ACID	-1	-1	0	0	7000	-1
812 HEXACHLOROCYCLOHEXANES(DHC)	13	0	0	0	2300	-1
813 MIXED	-1	-1	6730	-1	14500	-1

ADL SAMPLE NO.	1207	1208	1209	1210	1211	1212
101 CHLOROMETHANE	17000	0	-1	1000	-1	0
104 VINYL CHLORIDE	0	0	-1	0	-1	0
105 CHLOROETHANE	225	100	-1	0	-1	0
106 METHYLENE CHLORIDE	2000	1500	-1	150	-1	2
108 TRICHLOROFUORMETHANE	135	0	-1	790	-1	0
110 1,1-DICHLOROETHYLENE	20	13	-1	0	-1	0
111 1,1-DICHLOROETHANE	16	0	-1	0	-1	0
112 TRANS-1,2-DICHLOROETHYLENE	710	140	-1	340	-1	0
113 CHLOROFORM	18500	3500	9800	940	-1	3
114 1,2-DICHLOROETHANE	475	360	-1	100	-1	0
115 1,1,1-TRICHLOROETHANE	77	78	-1	0	-1	0
116 CARBON TETRACHLORIDE	1950	1300	650	270	-1	0
117 BROMODICHLOROMETHANE	0	0	-1	0	-1	2
118 1,2-DICHLOROPROPANE	0	64	-1	0	-1	0
120 TRICHLOROETHYLENE	2750	3200	2400	550	-1	4
121 BENZENE	3300	5500	6000	370	-1	0
123 DIBROMOCHLOROMETHANE	0	0	-1	0	-1	0
124 1,1,2-TRICHLOROETHANE	590	710	-1	24	-1	0
126 1,1,2,2-TETRACHLOROETHANE	5450	5700	-1	210	-1	0
127 1,1,2,2-TETRACHLOROETHYLENE	6850	6700	3400	690	-1	3
128 TOLUENE	7850	2300	8000	960	-1	0
129 CHLOROBENZENE	1850	2000	-1	0	-1	0
130 ETHYL BENZENE	4000	1100	-1	0	-1	0
201 2-CHLOROPHENOL	0	420	-1	0	0	0
203 PHENOL	64000	82000	-1	3200	2000	0
205 2,4-DICHLOROPHENOL	0	5400	-1	240	390	0
206 2,4,6-TRICHLOROPHENOL	700	-1	-1	0	2500	0
207 4-CHLORO-3-CRESOL	0	0	-1	0	340	0
210 PENTACHLOROPHENOL	0	0	-1	0	0	0
301 DICHLOROBENZENES	79	0	-1	123	6950	0
302 1,4 DICHLOROBENZENE	79	0	-1	123	6950	0
303 1,2 DICHLOROBENZENE	79	0	-1	123	6950	0
304 HEXACHLOROETHANE	0	0	-1	0	1200	0
309 NITROSO-1-N-PROPYLAMINE	0	0	-1	0	0	0
311 HEXACHLOROBUTADIENE	0	0	-1	0	16000	1.7
312 1,2,4-TRICHLOROBENZENE	0	0	-1	180	-1	-1
315 NAPHTHALENE	0	0	-1	0	260	0
318 2-CHLORONAPHTHALENE	0	0	-1	0	0	0
319 ACENAPHTHYLENE	0	0	-1	0	0	0
320 ACENAPHTHENE	-1	0	-1	0	2000	0
321 DIMETHYL PHTHALATE	0	0	-1	0	0	0
322 2,6-DINITROTOLUENE	22	0	-1	0	0	0
323 4-CHLOROPHENYL PHENYL ETHER	0	0	-1	-1	0	0
324 FLUORENE	0	0	-1	0	0	0
325 2,4-DINITROTOLUENE	83	0	-1	0	0	0
326 DIETHYL PHTHALATE	0	0	-1	0	570	0
329 HEXACHLOROBENZENE	0	0	-1	0	0	2.2
331 ANTHRACENE/PHENANTHRENE	0	0	-1	0	0	0
332 PHENANTHRENE	0	0	-1	0	0	0
333 DI-N-BUTYL PHTHALATE	0	12	-1	0	0	3.5
334 FLUORANTHENE	0	0	-1	0	0	0
335 PYRENE	0	0	-1	0	0	0

ADL Sample No.	1207	1208	1209	1210	1211	1212
337 BUTYL BENZYL PHTHALATE	0	0	-1	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	0	60	-1	0	0	2.1
339 DI-N-OCTYL PHTHALATE	0	60	-1	0	0	2.1
340 CHRYSENE	0	0	-1	0	0	0
341 BENZO(A)ANTHRACENE	0	0	-1	0	0	0
343 BENZO(B)FLUORANTHENE	0	0	-1	-1	0	0
344 BENZO(K)FLUORANTHENE	0	0	-1	-1	0	0
345 BENZO(A)PYRENE	0	0	-1	-1	0	0
346 INDENO(1,2,3-CD) PYRENE	0	0	-1	-1	0	0
347 DIBENZO (A,H) ANTHRACENE	0	0	-1	-1	0	0
348 BENZO (G,H,I) PERYLENE	0	0	-1	-1	0	0
401 ALPHA-BHC	0	41	-1	0	0	2
402 GAMMA-BHC	0	120	-1	400	0	2
404 BETA-BHC	0	0	-1	400	0	0
409 DDE	0	0	-1	0	0	0
419 PCB-1221	0	0	0.00	0	3000	0
421 PCB-1242	0	0	0.00	0	2400	0
423 PCB-1254	0	0	0.00	0	0	0
425 PCB-1016	0	0	0.00	0	0	0
501 ANTIMONY	0	0	0.00	0	0	0
502 ARSENIC	84	44	-1	-1	0	3
503 BERYLLIUM	20	44	-1	-1	0	0
504 CADMIUM	0	3300	-1	-1	0	7
505 CHROMIUM	25	71	-1	-1	0	4
506 COPPER	67	91	-1	-1	0	58
507 LEAD	0	220	-1	-1	0	0
509 MERCURY	1	0	-1	-1	0	0
510 NICKEL	5700	20000	-1	-1	0	4
511 SELENIUM	0	0	-1	-1	0	0
512 SILVER	36	0	-1	-1	0	0
513 THALLIUM	0	39	-1	-1	0	0
514 ZINC	2200	2600	-1	-1	0	83
802 TRICHLOROBENZENES	63	0	-1	130	27000	4.2
803 TETRACHLOROBENZENES	-1	-1	-1	-1	-1	-1
804 PENTACHLOROBENZENES	-1	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1	-1
809 TRICHLOROPHENOLS	700	2000	-1	-1	2500	0
810 M-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(JHC)	0	161	-1	530	2000	2
813 MIREX	-1	-1	-1	-1	-1	-1

AOL SAMPLE NO.	1213	1214	1215	1216	1217	1218
101 CHLOROMETHANE	0	0	0	-1	0	0
104 VINYL CHLORIDE	0	0	0	-1	0	0
105 CHLOROETHANE	0	0	0	-1	0	0
106 METHYLENE CHLORIDE	130	240	0	-1	0	110
108 TRICHLOROFLUOROMETHANE	0	0	0	-1	0	0
110 1,1-DICHLOROETHYLENE	0	0	0	-1	0	0
111 1,1-DICHLOROETHANE	0	0	0	-1	0	0
112 TRANS-1,2-DICHLOROETHYLENE	0	0	4	-1	0	0
113 CHLOROFORM	0	0	0	-1	0	1700
114 1,2-DICHLOROETHANE	0	0	0	-1	0	0
115 1,1,1-TRICHLOROETHANE	0	0	0	-1	0	0
116 CARBON TETRACHLORIDE	0	0	0	-1	0	270
117 BROMODICHLOROMETHANE	0	0	0	-1	0	0
118 1,2-DICHLOROPROPANE	0	0	0	-1	0	0
120 TRICHLOROETHYLENE	650	740	150	-1	0	22000
121 BENZENE	0	0	0	-1	0	930
123 DIBROMOCHLOROMETHANE	0	0	0	-1	0	0
124 1,1,2-TRICHLOROETHANE	0	0	0	-1	0	0
126 1,1,2,2-TETRACHLOROETHANE	0	0	200	-1	0	330
127 1,1,2,2-TETRACHLOROETHYLENE	80	69	0	-1	0	59000
128 TOLUENE	0	0	79	-1	0	31000
129 CHLOROBENZENE	0	0	8	-1	0	10000
130 ETHYL BENZENE	0	0	0	-1	0	41000
201 2-CHLOROPHENOL	0	0	-1	0	0	0
203 PHENOL	0	0	-1	54	0	0
205 2,4-DICHLOROPHENOL	0	0	-1	0	0	4500
206 2,4,6-TRICHLOROPHENOL	0	0	-1	0	0	-1
207 4-CHLORO-3-CRESOL	0	0	-1	0	0	0
210 PENTACHLOROPHENOL	0	0	-1	0	0	0
301 DICHLOROBENZENES	0	0	-1	0	0	3900
302 1,4 DICHLOROBENZENE	0	0	-1	0	0	5900
303 1,2 DICHLOROBENZENE	0	0	-1	0	0	3900
304 HEXACHLOROETHANE	0	0	-1	0	0	0
309 NITROSO I-N-PROPYLAMINE	0	1200	-1	0	0	0
311 HEXACHLOROBUTADIENE	0	0	-1	0	0	55000
312 1,2,4-TRICHLOROBENZENE	0	0	-1	0	0	71000
315 NAPHTHALENE	0	0	-1	0	0	1400
318 2-CHLORONAPHTHALENE	0	0	-1	0	0	340
319 ACENAPHTHYLENE	0	0	-1	0	0	1200
320 ACENAPHTHENE	0	0	-1	0	0	650
321 DIMETHYL PHTHALATE	0	0	-1	0	24	0
322 2,6-DINITROTOLUENE	0	0	-1	0	0	0
323 4-CHLOROPHENYL PHENYL ETHER	0	0	-1	-1	0	790
324 FLUORENE	0	0	-1	0	28	1100
325 2,4-DINITROTOLUENE	0	0	-1	0	0	0
326 DIETHYL PHTHALATE	0	0	-1	0	240	7000
329 HEXACHLOROBENZENE	0	0	-1	0	0	36000
331 ANTHRACENE/PHENANTHRENE	32	0	-1	0	150	12000
332 PHENANTHRENE	32	0	-1	0	150	12000
333 DI-N-BUTYL PHTHALATE	160	0	-1	0	190	2400
334 FLUORANTHENE	53	0	-1	0	140	5800
335 PYRENE	50	0	-1	0	110	4300

ADL Sample No.	1213	1214	1215	1216	1217	1218
337 BUTYL BENZYL PHTHALATE	0	0	-1	0	11	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	2600	0	-1	0	410	1800
339 DI-N-OCTYL PHTHALATE	2000	0	-1	0	410	1800
340 CHRYSENE	110	0	-1	0	190	3400
341 BENZO(A)ANTHRACENE	110	0	-1	0	190	3400
343 BENZO(B)FLUORANTHENE	39	0	-1	-1	65	790
344 BENZO(K)FLUORANTHENE	39	0	-1	-1	65	790
345 BENZO(A)PYRENE	130	0	-1	0	180	2100
346 INDENO(1,2,3-C,D) PYRENE	0	0	-1	-1	36	280
347 DIBENZO (A,H) ANTHRACENE	0	0	-1	-1	15	140
348 BENZO (G,H,I) PERYLENE	0	0	-1	-1	38	220
401 ALPHA-BHC	48	0	-1	2.3	0	0
402 GAMMA-BHC	52	0	-1	0.17	0	0
404 BETA-BHC	0	0	-1	0	0	0
409 DDE	0	0	-1	0	0	0
419 PCB-1221	0	0	-1	0	0	0
421 PCB-1242	0	0	-1	0	0	0
423 PCB-1254	0	0	-1	0	0	0
425 PCB-1016	0	0	-1	0	0	0
501 ANTIMONY	400	0	-1	-1	1700	8400
502 ARSENIC	13000	14000	-1	-1	9100	11000
503 BERYLLIUM	960	1000	-1	-1	700	860
504 CADMIUM	21	68	-1	-1	230	690
505 CHROMIUM	35000	35000	-1	-1	26000	31000
506 COPPER	27000	29000	-1	-1	39000	65000
507 LEAD	19000	28000	-1	-1	110000	180000
509 MERCURY	0	0	-1	-1	0	0
510 NICKEL	29000	31000	-1	-1	32000	41000
511 SELENIUM	0	0	-1	-1	0	0
512 SILVER	0	0	-1	-1	0	310
513 THALLIUM	0	0	-1	-1	0	0
514 ZINC	75000	92000	-1	-1	170000	310000
802 TRICHLOROBENZENES	0	0	-1	0	0	71000
803 TETRACHLOROBENZENES	-1	-1	-1	-1	-1	-1
804 PENTACHLOROBENZENES	-1	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	0	0	-1	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	0	0	-1	-1	-1	-1
809 TRICHLOROPHENOLS	0	0	-1	0	0	36000
810 4-CHLOROBENZOIC ACID	0	0	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	100	0	-1	2.47	0	0
813 MIREX	-1	-1	-1	-1	-1	-1

AOL	SAMPLE NO.	1219	1220	1221	1222	1223	1224
101	CHLOROMETHANE	0	0	0	0	1	18
104	VINYL CHLORIDE	0	0	0	0	0	0
105	CHLOROETHANE	0	0	0	0	0	0
106	METHYLENE CHLORIDE	97	0	37	0	0	0
108	TRICHLOROFUOROMETHANE	0	0	0	0	0	0
110	1,1-DICHLOROETHYLENE	0	0	0	0	0	0
111	1,1-DICHLOROETHANE	0	0	0	0	0	0
112	TRANS-1,2-DICHLOROETHYLENE	0	0	0	0	0	0
113	CHLOROFORM	0	0	290	0	0	0
114	1,2-DICHLOROETHANE	0	0	480	0	1.2	16
115	1,1,1-TRICHLOROETHANE	0	0	0	0	0	0.0
116	CARBON TETRACHLORIDE	0	0	0	0	0	0
117	BROMODICHLOROMETHANE	0	0	0	0	0.7	1.0
118	1,2-DICHLOROPROPANE	0	0	0	0	0	0
120	TRICHLOROETHYLENE	0	0	0	0	0	0
121	BENZENE	0	0	2300	0	0	0
123	DIBROMOCHLOROMETHANE	0	0	400	0	-1	0
124	1,1,2-TRICHLOROETHANE	0	0	0	0	0	0
126	1,1,1,2-TETRACHLOROETHANE	0	0	480	0	0	1.1
127	1,1,2,2-TETRACHLOROETHYLENE	0	0	1300	0	0	38
128	TOLUENE	0	0	11300	0	0	23
129	CHLOROBENZENE	0	0	4100	0	0	45
130	ETHYL BENZENE	0	0	7600	0	0.4	0.2
201	2-CHLOROPHENOL	0	0	0	0	0	0
203	PHENOL	0	0	740	110	-1	-1
205	2,4-DICHLOROPHENOL	0	0	3300	52	-1	500
206	2,4,6-TRICHLOROPHENOL	0	0	-1	0	-1	-1
207	4-CHLORO-3-CRESOL	0	0	0	0	-1	-1
210	PENTACHLOROPHENOL	0	0	0	0	-1	-1
301	DICHLOROBENZENES	0	0	13000	110	0	0
302	1,4-DICHLOROBENZENE	0	0	13000	0	0	0
303	1,2-DICHLOROBENZENE	0	0	13000	0	0	0
304	HEXACHLOROETHANE	0	0	3700	0	0	0
309	NITROSDI-N-PROPYLAMINE	0	0	0	0	0	0
311	HEXACHLOROCYCLOPENTADIENE	0	0	20000	0	0	0
312	1,2,4-TRICHLOROBENZENE	0	0	26000	1100	0	0
315	NAPHTHALENE	0	0	720	34	1.2	7.7
318	2-CHLORONAPHTHALENE	0	0	0	0	0	0.5
319	ACENAPHTHYLENE	0	0	0	0	0	0
320	ACENAPHTHENE	0	0	240	0	0	0
321	DIMETHYL PHTHALATE	1700	0	0	200	0	0
322	2,6-DINITROTOLUENE	0	0	0	0	0	0
323	4-CHLOROPHENYL PHENYL ETHER	0	0	0	0	0	0
324	FLUORENE	0	0	5200	0	0	0
325	2,4-DINITROTOLUENE	0	0	0	0	0	0
326	DIMETHYL PHTHALATE	0	150	5700	4500	0	0
329	HEXACHLOROBENZENE	0	0	26000	6300	0	0
331	ANTHRACENE/PHENANTHRENE	60	0	1400	590	0.1	10
332	PHENANTHRENE	50	0	1400	590	0.3	10
333	DI-N-BUTYL PHTHALATE	21	130	1400	850	0	0
334	FLUORANTHENE	20	0	870	440	0	0
335	PYRLENE	0	0	820	570	0	0

ADL Sample No.	1219	1220	1221	1222	1223	1224
337 BUTYL BENZYL PHTHALATE	450	0	0	0	0	15
338 BIS(2-ETHYLHEXYL)PHTHALATE	520	290	400	1500	29	12
339 DI-N-OCTYL PHTHALATE	520	290	190	1500	29	12
340 CHRYSENE	90	0	530	300	0	0
341 BENZO(A)ANTHRACENE	90	0	530	300	0	0
343 BENZO(B)FLUORANTHENE	0	0	92	0	0	0
344 BENZO(K)FLUORANTHENE	0	0	92	0	0	0
345 BENZO(A)PYRENE	0	0	340	0	0	0
346 INDENO(1,2,3-CD) PYRENE	0	0	58	0	0	0
347 DIBENZO (A,H) ANTHRACENE	0	0	25	0	0	0
348 BENZO (G,H,I) PERYLENE	0	0	92	0	0	0
401 ALPHA-BHC	0	0	0	0	-1	-1
402 GAMMA-BHC	0	0	0	0	-1	-1
404 BETA-BHC	0	0	0	0	-1	-1
409 DDE	0	0	0	0	-1	-1
419 PCB-1221	0	0	0	0	-1	-1
421 PCB-1242	0	0	0	0	-1	-1
423 PCB-1254	0	0	0	0	-1	-1
425 PCB-1016	0	0	0	0	-1	-1
501 ANTIMONY	850	0	1500	2200	-1	-1
502 ARSENIC	11000	10000	13000	15000	-1	-1
503 BERYLLIUM	990	850	850	1100	-1	-1
504 CADMIUM	40	70	340	1100	-1	-1
505 CHROMIUM	21000	30000	56000	85000	-1	-1
506 COPPER	26000	25000	38000	44000	-1	-1
507 LEAD	3700	170000	180000	420000	-1	-1
509 MERCURY	0	0	0	0	-1	-1
510 NICKEL	23000	21000	32000	32000	-1	-1
511 SELENIUM	0	0	0	0	-1	-1
512 SILVER	0	0	130	250	-1	-1
513 THALLIUM	0	0	0	0	-1	-1
514 ZINC	58000	64000	430000	430000	-1	-1
802 TRICHLOROBENZENES	0	0	20000	34	1.3	7.7
803 TETRACHLOROBENZENES	-1	-1	-1	-1	9	5
804 PENTACHLOROBENZENES	-1	-1	-1	-1	3	79
805 MONOCHLOROTOLUENES	-1	-1	-1	-1	10	0
806 DICHLOROTOLUENES	-1	-1	-1	-1	1	10
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1	-1
809 TRICHLOROPHENOLS	0	0	20000	0	-1	-1
810 M-CHLOROBENZOIC ACID	-1	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	0	0	0	0	25	60
813 MIREX	-1	-1	-1	-1	-1	-1

AUL	SAMPLE NO.	1225	1226	1227	1228	1229	1230	1231	1232
101	CHLORUMETHANE	20	4.1	0	-1	-1	-1	-1	-1
104	VINYL CHLORIDE	0	0	5.6	-1	-1	-1	-1	-1
105	CHLOROETHANE	0	0	0	-1	-1	-1	-1	-1
106	METHYLENE CHLORIDE	0	0	0	-1	-1	-1	-1	-1
108	TRICHLOROFUOROMETHANE	0	0	0	-1	-1	-1	-1	-1
110	1,1-DICHLOROETHYLENE	0	0	0	-1	-1	-1	-1	-1
111	1,1-DICHLOROETHANE	0	0	0	-1	-1	-1	-1	-1
112	TRANS-1,2-DICHLOROETHYLENE	0	0	0	-1	-1	-1	-1	-1
113	CHLOROFORM	20	5.8	0	-1	-1	-1	-1	-1
114	1,2-DICHLOROETHANE	0.8	0	0	-1	-1	-1	-1	-1
115	1,1,1-TRICHLOROETHANE	0	0	0	-1	-1	-1	-1	-1
116	CARBON TETRACHLORIDE	7.7	1.4	0	-1	-1	-1	-1	-1
117	BROMODICHLOROPROPANE	0	0	1.2	-1	-1	-1	-1	-1
118	1,2-DICHLOROPROPANE	0	0	0	-1	-1	-1	-1	-1
120	TRICHLOROETHYLENE	19	16	0	-1	-1	-1	-1	-1
121	BENZENE	11	3.3	0.0	-1	-1	-1	-1	-1
123	DIBROMODICHLOROMETHANE	0	0.4	0	-1	-1	-1	-1	-1
124	1,1,1,2-TRICHLOROETHANE	1.2	0	0	-1	-1	-1	-1	-1
126	1,1,1,2,2-TETRACHLOROETHANE	66	18	0	-1	-1	-1	-1	-1
127	1,1,1,2,2-TETRACHLOROETHYLENE	105	27	0	-1	-1	-1	-1	-1
128	TOLUENE	100	22	0	-1	-1	-1	-1	-1
129	CHLOROBENZENE	18	3.9	0	-1	-1	-1	-1	-1
130	ETHYL BENZENE	26	18	0	-1	-1	-1	-1	-1
201	2-CHLOROPHENOL	-1	-1	-1	-1	-1	-1	-1	-1
203	PHENOL	-1	-1	-1	-1	-1	-1	-1	-1
205	2,4-DICHLOROPHENOL	-1	-1	-1	-1	-1	-1	-1	-1
206	2,4,6-TRICHLOROPHENOL	-1	-1	-1	-1	-1	-1	-1	-1
207	4-CHLORO-3-CRESOL	-1	-1	-1	-1	-1	-1	-1	-1
210	PENTACHLOROPHENOL	-1	-1	-1	-1	-1	-1	-1	-1
301	DICHLOROBENZENES	0	0	0	0	0	0	0	0
302	1,4-DICHLOROBENZENE	0	0	0	0	0	0	0	0
303	1,2-DICHLOROBENZENE	0	0	0	0	0	0	0	0
304	HEXACHLOROETHANE	0	0	0	0	0	0	0	0
309	NITROSO-DI-N-PROPYLAMINE	0	0	0	0	0	0	0	0
311	HEXACHLOROBUTADIENE	0	0	0	0	0	0	0	0
312	1,2,4-TRACHLOROBENZENE	18	5.5	0	0	0	0	0	0
315	NAPHTHALENE	0	0	0	0	0	0	0	0
319	2-CHLORONAPHTHALENE	0	0	0	0	0	0	0	0
320	ACENAPHTHENE	0	0	0	0	0	0	0	0
321	DIMETHYL PHTHALATE	0	0	0	0	0	0	0	0
322	2,6-DINITROTOLUENE	0	0	0	0	0	0	0	0
323	4-CHLOROPHENYL PHENYL ETHER	0	0	0	0	0	0	0	0
324	FLUORENE	0	0	0	0	0	0	0	0
325	2,4-DINITROTOLUENE	0	15	0.1	0	0	0	0	0
326	DIMETHYL PHTHALATE	0	0	0	0	0	0	0	0
329	HEXACHLOROBENZENE	0	0.4	-1	0	0	0	0	0
331	ANTHRACENE/PHENANTHRENE	1.3	0.4	-1	0	0	0	0	0
332	PHENANTHRENE	1.3	0.4	-1	0	0	0	0	0
333	DI-N-BUTYL PHTHALATE	4.2	3.4	3.5	0	0	0	0	0
334	FLUORANTHENE	0	0	0	0	0	0	0	0
335	PYRENE	0	0	0	0	0	0	0	0

ADL Sample No.	1225	1226	1227	1228	1229	1230	1231	1232
337 BUTYL BENZYL PHTHALATE	0.1	0	0	0	0	0	0	0
338 BIS(2-ETHYLHEXYL)PHTHALATE	120	4	2.9	1100	1000	620	700	480
339 DI-N-UCTYL PHTHALATE	120	4	2.9	1100	1000	620	700	480
340 CHRYSENE	0	0	0	0	0	600	850	1300
341 BENZO(A)ANTHRACENE	0	0	0	0	0	600	850	1300
343 BENZO(B)FLUORANTHENE	0	0	0	0	0	600	850	1300
344 BENZO(K)FLUORANTHENE	0	0	0	0	0	600	850	1300
345 BENZO(A)PYRENE	0	0	0	0	0	600	850	1300
346 INDENO(1,2,3-C,D) PYRENE	0	0	0	0	0	600	850	1300
347 DIBENZ(1,2,3-C,D) ANTHRACENE	0	0	0	0	0	600	850	1300
348 BENZO(G,H,I) PERYLENE	0	0	0	0	0	600	850	1300
401 ALPHA-BHC	-1	-1	-1	-1	-1	-1	-1	-1
402 GAMMA-BHC	-1	-1	-1	-1	-1	-1	-1	-1
404 BETA-BHC	-1	-1	-1	-1	-1	-1	-1	-1
409 DDE	-1	-1	-1	-1	-1	-1	-1	-1
419 PCB-1221	-1	-1	-1	-1	-1	-1	-1	-1
421 PCB-1242	-1	-1	-1	-1	-1	-1	-1	-1
423 PCB-1254	-1	-1	-1	-1	-1	-1	-1	-1
425 PCB-101b	-1	-1	-1	-1	-1	-1	-1	-1
501 ARSINIC	-1	-1	-1	-1	-1	-1	-1	-1
502 ARSINIC	-1	-1	-1	-1	-1	-1	-1	-1
503 BERYLLIUM	-1	-1	-1	-1	-1	-1	-1	-1
504 CADMIUM	-1	-1	-1	-1	-1	-1	-1	-1
505 CHROMIUM	-1	-1	-1	-1	-1	-1	-1	-1
506 COPPER	-1	-1	-1	-1	-1	-1	-1	-1
507 LEAD	-1	-1	-1	-1	-1	-1	-1	-1
509 MERCURY	-1	-1	-1	-1	-1	-1	-1	-1
510 NICKEL	-1	-1	-1	-1	-1	-1	-1	-1
511 SELENIUM	-1	-1	-1	-1	-1	-1	-1	-1
512 SILVER	-1	-1	-1	-1	-1	-1	-1	-1
513 THALLIUM	-1	-1	-1	-1	-1	-1	-1	-1
514 ZINC	-1	-1	-1	-1	-1	-1	-1	-1
602 TRICHLOROBENZENES	24	6.5	0	500	1000	1000	3350	-1
603 TETRACHLOROBENZENES	7	20	0	-1	-1	-1	-1	-1
604 PENTACHLOROBENZENES	60	10	0	-1	-1	-1	-1	-1
805 MONOCHLOROTOLUENES	50	15	0	-1	-1	-1	-1	-1
806 DICHLOROTOLUENES	-1	-1	-1	-1	-1	-1	-1	-1
807 MONOCHLOROBENZOTRIFLUORIDE	-1	-1	-1	-1	-1	-1	-1	-1
809 TRICHLOROPHENOLS	-1	-1	-1	-1	-1	-1	-1	-1
810 M-CHLOROBENZOLIC ACID	-1	-1	-1	-1	-1	-1	-1	-1
812 HEXACHLOROCYCLOHEXANES(BHC)	30	13	0	-1	-1	-1	-1	-1
813 MIREX	-1	-1	-1	500	1000	1700	9000	-1